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November 19, 2020

#### VIA ELECTRONIC FILING

Will Seuffert Executive Secretary Minnesota Public Utilities Commission 121 7th Place East, Suite 350 St. Paul, MN 55101

#### PUBLIC DOCUMENT – TRADE SECRET DATA HAS BEEN EXCISED

#### Re: Reply Comments of Minnesota Energy Resources Corporation

In the Matter of the Petition of Minnesota Energy Resources Corporation for Approval of the 2019 Gas Utility Infrastructure Cost (GUIC) Rider True-Up Report, 2021 GUIC Rider Revenue Requirements and Revised Surcharge Factors Docket No. G011/M-20-405

Dear Mr. Seuffert:

On April 1, 2020, Minnesota Energy Resources Corporation ("MERC" or the "Company") filed a Petition with the Minnesota Public Utilities Commission (the "Commission") requesting approval to recover its 2021 forecasted gas utility infrastructure cost ("GUIC") rider ("GUIC Rider") revenue requirement based on the forecasted 2021 depreciation expense and return on gas utility infrastructure capital expenditures forecasted to be placed into service through the end of 2021, as well as incremental operations and maintenance ("O&M") expense for projects planned to be undertaken during 2021, adjusted to account for the 2019 GUIC Rider true-up, through the Company's GUIC Rider pursuant to Minn. Stat. § 216B.1635 (the "GUIC Statute").

On October 26, 2020, the Minnesota Department of Commerce, Division of Energy Resources (the "Department") filed comments on the Company's Petition, recommending approval of the Company's 2021 GUIC Rider and 2019 GUIC Rider True-Up Report with modifications.

MERC thanks the Department for its review and comments and submits these Reply Comments to respond to the Department's recommendations and requests for additional information. With these Reply Comments, MERC also provides an updated 2019 GUIC

true-up,<sup>1</sup> 2021 GUIC revenue requirement,<sup>2</sup> and proposed 2021 GUIC rider surcharge rates to incorporate corrections and updates as discussed below.

The nonpublic version of these Reply Comments contains Trade Secret data and private data on individuals. In particular, Attachments C and D to these Reply Comments include customer names and addresses. This information is maintained by MERC as private customer data and has been excised from the public version of the filing in accordance with Minn. Stat. §13.679. Additionally, the nonpublic version of these Reply Comments includes pricing information that is maintained by MERC as trade secret information and which is not generally known to, or readily ascertainable by, vendors and competitors of MERC who could obtain economic value from its disclosure and use. This information qualifies as "Trade Secret Data" pursuant to Minn. Stat. §13.37, subd. 1(b).

#### 1. Accuracy of Reported GUIC Projects and Costs

At the outset of its Comments, the Department contends that the expanse of errors identified in MERC's petition support the Commission putting MERC on notice that future problematic filings may be rejected upfront and flawed filings may result in the suspension of GUIC Rider charges to all customers, as a consumer protection measure, until a clean filing is achieved and the Commission authorizes the GUIC Rider to resume.<sup>3</sup>

MERC recognizes that the Commission does have the authority to reject a future filing found to be incomplete or noncompliant with the requirements of the GUIC Statute, as well as the authority for approval of MERC's GUIC filings, in accordance with the GUIC Statute. MERC also recognizes the importance of ensuring accurate and reliable costs and calculations in its filings.

As discussed in these Reply Comments, MERC has devoted significant time and resources and has established processes designed to ensure its GUIC projects and costs are accurately reported and accounted for. The Company takes the accuracy and detail of its filings very seriously and fully recognizes the need for and importance of ensuring reliable and accurate data and calculations. While MERC appreciates the Department's thorough review in this docket, and the errors identified through discovery have highlighted areas for further refinement and improvement including the implementation of additional quality control measures, the Department's Comments overstate the extent and severity of identified errors and their impact on the Company's filing. For example, a number of the identified errors involved the incorrect classification of projects as either right-of-way ("ROW") relocation projects or distribution integrity management program ("DIMP") obsolete materials replacement projects, while the detail for those projects, including costs,

<sup>&</sup>lt;sup>1</sup> See Attachment A to these Reply Comments, which is an updated version of Exhibit I to MERC's Petition, 2019 GUIC true-up calculation and tracker balance.

<sup>&</sup>lt;sup>2</sup> See Attachment B to these Reply Comments, which is an updated version of Exhibit D to MERC's Petition, calculations of the proposed 2021 GUIC revenue requirement and proposed GUIC Rider surcharge rates by customer class proposed to be effective January 1, 2021.

<sup>&</sup>lt;sup>3</sup> Department Comments at 13.

installation material and quantity, and retirement material and quantity, were accurately represented, resulting in no impact to the overall costs or rider surcharge calculations. And for the identified errors with a cost impact on the requested 2021 revenue requirement, the overall impacts are generally not significant. For example, the correction related to the accumulated deferred income tax ("ADIT") proration true-up results in an increase to the 2021 revenue requirement of \$488. The Company provides more detailed discussion of these corrections below.

Ultimately, MERC has taken a number of steps to improve its quality control and review processes to ensure that future calculations and reporting are complete and accurate. These include improvements to the Company's rider model files to ensure correct ADIT proration calculations and to help avoid the possibility of formula errors as the result of future updates; a review process to ensure the accurate classification of eligible GUIC projects; implementation of a process to ensure retirement quantities are accurately recorded in the field during project construction; additional training for field personnel to ensure complete and accurate tracking of project details; and additional quality control and review of service line project contractor invoiced costs to ensure all invoiced costs are reviewed and accurately reported in future true-up filings. Further action to ensure the accuracy of future filings, as suggested by the Department, is not necessary or warranted at this time. MERC discusses specific recommended adjustments below.

## 2. Internal Capitalized Costs

In its Comments, the Department recommends that the Commission direct the Company to remove all internal costs from both its 2019 true-up and its 2021 revenue requirements requests.<sup>4</sup> The Department further recommends that this adjustment be reflected in future GUIC petition true-ups and forecasts.<sup>5</sup> The Department's argument is premised on the conclusion that recovery of internal costs through a rider mechanism may result in double-recovery, claiming these costs are already included in base rates.<sup>6</sup> For the reasons discussed below, the Company disagrees with the Department's assertion and continues to support recovery of the internal costs included in the 2019 GUIC true-up and in the 2021 GUIC Rider.

The majority of internal labor costs – nearly 80 percent – for MERC's engineers are capitalized in a given year. The rest of these costs – approximately 20 percent – are expensed as O&M and include time unrelated to specific projects, such as vacation and training. The O&M component is included in base rates based on the historic year O&M expense because it is forecasted to continue in the future test year and beyond. MERC appropriately recognized this by excluding all internal labor O&M costs in both the 2019

<sup>&</sup>lt;sup>4</sup> Department Comments at 16.

<sup>&</sup>lt;sup>5</sup> Department Comments at 16.

<sup>&</sup>lt;sup>6</sup> Department Comments at 13-16.

true-up and 2021 GUIC project budget, thus ensuring no double recovery of such costs through base rates and the GUIC Rider.

In contrast, capitalized internal labor costs are only recovered from customers in base rates as return on and of specific capital projects that are in service or forecasted to be in service in the rate case test year, and are thus included in rate base. Unlike O&M expense, which continues to be recovered at a representative level in base rates based on the approved test year O&M expense, recovery of capital costs for projects placed in service after the test year, like the DIMP and ROW projects included in the GUIC Rider, are not included in base rates. Rather, capitalized internal labor costs are specific to a capital project and only the costs related to projects already in service are being recovered in current base rates. When internal labor costs are capitalized to a particular project, only the costs for the hours worked by the employee or employees who performed work on that project, and associated overheads and benefits for those hours, are charged to the project—not the entire salary of that employee. Thus, the Department's suggestion that MERC is already recovering a "representative amount of costs" in base rates is inaccurate.

MERC recognizes the Commission's prior determinations with respect to the exclusion of internal labor in riders, as discussed in the Department's Comments. However, the circumstances of the internal costs MERC proposes for inclusion in its GUIC Rider are distinguishable, given the fact that the majority of MERC engineering internal labor costs have historically been capitalized and not included as O&M expense, as discussed above. Thus, the concern that "a utility could expense its employee internal labor in a rate case and then later capitalize that same labor in a rider, thus charging ratepayers for those same internal labor costs twice,"<sup>7</sup> is not applicable under the circumstances.

Additionally, inclusion of these costs is consistent with the Commission's determination in its Order Approving Gas Utility Infrastructure Cost Rider with Modifications and Requiring Compliance Filing in Docket No. G011/M-18-281 that "[b]oth the capital costs and the O&M costs [MERC seeks to recover through its proposed GUIC rider] derive from new projects that are not currently reflected in the Company's base rates or the rates that will flow from the pending rate case; the costs are therefore incremental as required by the GUIC statute."<sup>8</sup>

None of the costs included in the Company's 2019 true-up or 2021 GUIC Rider requests are included in the Company's current rate base or being recovered in base rates. Because these costs are not being recovered in base rates, the capitalization of these internal costs to GUIC Rider recoverable projects would not result in any double recovery. Put another

<sup>&</sup>lt;sup>7</sup> Department Comments at 15.

<sup>&</sup>lt;sup>8</sup> In the Matter of Minn. Energy Res. Corp.'s Request for Approval of a Gas Util. Infrastructure Cost Rider, Docket No. G011/M-18-281, ORDER APPROVING GAS UTILITY INFRASTRUCTURE COST RIDER WITH MODIFICATIONS AND REQUIRING COMPLIANCE FILING at 6 (Feb. 5, 2019).

way, these internal labor costs are truly incremental costs because they reflect costs to be incurred for projects that are not currently included in base rates.

Further, it is worth noting that the language of the GUIC Statute, Minn. Stat. § 216B.1635, does not prohibit recovery of internal costs through the GUIC Rider; rather, the statute contemplates the recovery of project expenses that are incremental to costs already included in base rates. Internal capitalized costs are, therefore, eligible for GUIC recovery, consistent with the reasons explained above.

For these reasons, the Commission should allow the Company to recovery its internal capitalized costs in the 2019 true-up and 2021 GUIC rider.

### 3. Geographic Information System ("GIS") Service Line Mapping Project Costs

In its Petition, MERC proposed to include \$1 million in incremental O&M expense in 2021 to begin a new project under the Company's GUIC Rider—the GIS Service Line Mapping Project. As described in MERC's Petition,

This project is the next step in the Company's mapping project — a comprehensive effort to verify, compile, and map MERC's systems and data, and ultimately link the data to the Company's GIS. The proposed GIS service line mapping will allow MERC to more accurately "understand system design and material characteristics, operating conditions and environment, and maintenance and operating history," in accordance with PHMSA's Integrity Management Program for Gas Distribution Pipelines Rule (49 C.F.R. Part 192, subpart P). Currently, MERC does not have its service lines mapped to GIS, which creates challenges for identifying and remediating service line risks and also increases risks associated with third party damage.

...

MERC previously requested and received approval to recover a portion of costs for the two initial phases of its mapping project in base rates in Docket Nos. G011/GR-15-763 and G011/GR-17-563. The first phase related to developing the mapping systems and data that MERC's field personnel utilize to locate mains, manage outages, determine flow modeling, and undertake other critical infrastructure tasks. To improve the quality and utilization of the mapping systems, this phase of the project involved verifying as-built drawings and field data for main. This information allows MERC to verify age, materials, fittings, and similar system components of main, and supports

> required Minnesota Department of Transportation reporting. The second phase of the MERC mapping project, which began in 2016, involved compiling paper main and service line documentation and information and scanning paper documentation into a comprehensive database. This second phase "was the necessary prerequisite to enable future mapping and linkage to MERC's GIS."<sup>9</sup>

The Department, in its Comments, recommends that MERC's proposed \$1 million 2021 forecasted GIS Service Line Mapping Project recovery be reduced by \$178,563, the amount authorized for recovery in MERC's current base rates for the compilation of paper main and service line documentation and information and scanning paper documentation into a comprehensive database (the "Documentation Phase").

While MERC agrees with the premise that the Company should not be permitted to recover the same costs that are included in base rates in the GUIC Rider, as discussed in MERC's Petition and above, the project for which MERC is recovering \$178,563 in base rates is entirely separate from the GIS Service Line Mapping Project that MERC has proposed to begin in 2021. Further, the Documentation Phase authorized for recovery in base rates is still ongoing and anticipated to continue in 2021.

Because the Company intends to continue work on the Documentation Phase of the mapping project as authorized in base rates as well as to begin the new scope of the GIS Service Line Mapping Project in 2021, MERC continues to propose recovery of the forecasted \$1 million of incremental costs for 2021 associated with this new phase of work. In the event the Company spends less on the Documentation Phase in 2021 than the \$178,563 currently authorized in base rates, MERC commits to account for such underspending as an offset to the actual GUIC GIS Service Line Mapping Project costs incurred in 2021 in the Company's 2021 true-up anticipated to be filed in 2022.

## 4. Incremental O&M Expense for Right-of-Way Projects

As discussed in MERC's Petition, in 2019, MERC incurred incremental O&M expense for four ROW relocation projects, totaling approximately \$18,000. In its Comments, the Department recommends disallowing recovery of these costs, arguing that MERC has not supported that these costs incurred in 2019 are incremental.<sup>10</sup>

These four projects reflect unique circumstances under which a governmental entity requires relocation of natural gas facilities located within the public ROW to accommodate a road or other public project. However, due to the location of the natural gas facilities affected and the proposed project, MERC was able to address the relocation by lowering existing natural gas facilities rather than replacing those facilities at a new location.

<sup>&</sup>lt;sup>9</sup> MERC Petition at 34-35.

<sup>&</sup>lt;sup>10</sup> Department Comments at 17.

Because such projects do not involve the installation of any new pipe or other facilities, they are appropriately accounted for as O&M expense rather than capitalized. The avoidance of having to install new pipe by lowering existing facilities provides a benefit and cost savings for MERC's customers. These main lowering projects were completed by MERC's construction contractor, consistent with other capital ROW relocation work, and only third-party contractor O&M expense is included in the true-up. Any costs associated with internal labor O&M have been excluded. Such projects are new, incremental projects that were undertaken in 2019, and therefore not reflected in the Company's current base rates as approved in Docket No. G011/GR-17-563.

Further, inclusion of these costs is consistent with the GUIC Statute. In particular, Minn. Stat. § 216B.1635, subd. 1(a)(c)(2) defines "gas utility project" as "the replacement or modification of existing natural gas facilities, including surveys, assessments, reassessment, and other work necessary to determine the need for replacement or modification of existing infrastructure that is required by a federal or state agency." Each of the four O&M projects required the Company to modify its existing infrastructure by lowering existing pipe to perform required state agency work. For example, Elgin Township required that the Company adjust the existing location of its pipe so as to not interfere with the installation of a new storm main.

Further, Minn. Stat. § 216B.1635, subd. 4 provides that the Commission may approve recovery including "a rate of return, income taxes on the rate of return, incremental property taxes, incremental depreciation expense, and any incremental operation and maintenance costs." Because these costs are incremental O&M, their recovery is supported by the GUIC Statute.

These costs reflect unique circumstances with respect to right-of-way relocation projects required by governmental entities, are incremental O&M expenses, and are appropriate for recovery in the Company's 2019 true-up.

## 5. Service Project Invoiced Costs for ROW and DIMP Projects

In its 2019 GUIC true-up report, MERC reported total actual 2019 capitalized contractor labor and material costs for ROW services work of \$1,513,298, based on approximately 680 service line replacement projects. Additionally, MERC reported 2019 capitalized contractor labor and material costs for obsolete materials replacement services work of \$1,729,621 based on approximately 730 service line projects that were completed. In its Comments, the Department recommends capital cost reductions of \$72,000 related to ROW costs and \$130,000 related to obsolete materials replacement projects based on the Department's extrapolation of identified errors in invoiced costs.<sup>11</sup> In particular, as discussed in the Department's Comments, the Department sampled 25 ROW invoices (out of a total of approximately 680 service projects, or a sample size of approximately 3.7 percent) and identified two projects with incorrect costs. The Department also sampled nine obsolete

<sup>&</sup>lt;sup>11</sup> Department Comments at 18, 20.

materials replacement project invoices (out of a total of approximately 730 service projects or a sample size of approximately 1.2 percent) and identified incorrect costs for one project.

MERC has devoted significant time and resources and has established processes designed to ensure its GUIC projects and costs are being accurately reported and accounted for. While the errors identified through discovery have highlighted some areas for further refinement and improvement, MERC has already taken steps to both (1) validate its 2019 true-up report to fully identify any incorrect invoice costs and (2) ensure that future reporting fully and accurately reflects invoiced GUIC-eligible project costs and project details.

As discussed in MERC's responses to Department Information Request Nos. 45 and 48,<sup>12</sup> MERC's process for compiling service line charges related to GUIC ROW and obsolete materials replacement projects is a manual process. As work is completed by MERC's contractor, a monthly report is generated showing the contractor material and labor costs associated with each work request and the sequence of the invoice. The monthly GUIC contractor material and labor invoice costs are then manually input into MERC's GUIC tracker. However, the report did not identify the status of the invoices and, in particular, those situations where an invoice was cancelled due to an error, contested charges, or other reason. As a result, MERC's reporting incorrectly included a small number of capital costs related to cancelled invoices. While MERC did not realize these cancelled invoice charges were included in its service line costs at the time the Company prepared and submitted its 2019 GUIC true-up report, upon discovery of this issue, MERC reviewed all GUIC service project invoices to verify the correct invoice amounts.<sup>13</sup>

MERC's review identified a total of 27 service projects for which the reported contractor costs from the Company's initial Petition were not accurate,<sup>14</sup> with reported contractor invoiced costs being overstated by \$16,703.66 or 0.5 percent of total reported contractor invoiced costs.<sup>15</sup> These corrections are reflected in Table 1 below, and in the revised Exhibits D, E, I, and J to these Reply Comments. Adjusting 2019 rate base to remove the \$16,703.66 of costs results in a reduction to MERC's 2019 revenue requirement of \$1,075.

<sup>&</sup>lt;sup>12</sup> See Department Comments at 19-21; MERC's full responses to Department Information Request Nos. 45 and 48 are included as Attachment E to these Reply Comments.

<sup>&</sup>lt;sup>13</sup> Through its review, MERC determined that for all of its construction contractor invoices received in 2019 (both GUIC and non-GUIC), only 0.67 percent were cancelled invoices, indicating that the issue is significantly less extensive than the Department's extrapolation, under which the Department concluded that error rates of 8 and 11 percent existed for MERC's ROW and obsolete materials replacement service line projects, respectively.

<sup>&</sup>lt;sup>14</sup> As noted in Table 1, one of these projects, WR # 2654958, involved contractor labor to investigate whether a service line was x-trube and required replacement with no footage installed. The invoiced costs as reported were accurate; however, MERC has removed this project as no facilities were replaced or modified.

<sup>&</sup>lt;sup>15</sup> \$16,703.66 out of a total reported contractor invoiced material and labor expense for ROW and obsolete materials replacement projects of \$3,242,919.

	Adjustment amount	Reason for Discrepancy
	(i.e. Difference between	
WR #	Initial Filed amount and	
	Corrected Amount)	
2854592 <sup>16</sup>	(\$2,765.28)	Cancelled invoice included
2880873	(\$402.84)	Cancelled invoice included
2884973 <sup>17</sup>	(\$3,577.72)	Cancelled invoice included
2885629	(\$337.30)	Cancelled invoice included
2889914	(\$1,486.93)	Cancelled invoice included
2891840	(\$2,266.23)	Cancelled invoice included
2891845	(\$3,168.99)	Cancelled invoice included
2895635	(\$33.37)	Cancelled invoice included
2908119	(\$4,756.48)	Cancelled invoice included
2900907 <sup>18</sup>	(\$1,674.78)	Reporting issue
2880896	\$29.44	Reporting issue – missing invoice
2854952	\$48.00	Reporting issue – missing invoice
2854958	\$82.80	Reporting issue – missing invoice
2854970	\$48.00	Reporting issue – missing invoice
2854990	\$192.00	Reporting issue – missing invoice
2854995	\$48.00	Reporting issue – missing invoice
2854993	\$443.63	Reporting issue – missing invoice
2854955	\$57.60	Reporting issue – missing invoice
2899968	\$719.50	Reporting issue – missing invoice
2903537	\$240.00	Reporting issue – missing invoice
2887466	\$98.23	Reporting issue – missing invoice
2900880	\$2,026.07	Reporting issue – missing invoice
2854972	\$0.30	Reporting issue – incorrect value manually keyed in
2854938	(\$546.18)	Reporting issue – incorrect value manually keyed in
2917479	\$518.25	Reporting issue – missing invoice
2854975	\$28.52	Reporting issue – missing invoice
2654958	(\$267.90)	No footage installed; this project involved contractor
		labor to investigate whether a service line was x-
		trube and required replacement; MERC has
		excluded this project
TOTAL	(\$16,703.66)	
ADJUSTMENT		
TO 2019		
PLANT		

## Table 1. Adjustments to Correct for Service Project Invoiced Costs

<sup>&</sup>lt;sup>16</sup> Included in the Department's sample.
<sup>17</sup> Included in the Department's sample.
<sup>18</sup> Included in the Department's sample.

#### PUBLIC DOCUMENT TRADE SECERET DATA HAS BEEN EXCISED

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MERC proposes that this adjustment, rather than the extrapolated cost reduction of \$202,000 as proposed by the Department, most accurately reflects the Company's actual 2019 GUIC-Rider eligible project costs. MERC also notes, however, as discussed in MERC's responses to discovery, because taxes are calculated and applied through MERC's accounting system, the Company has not included taxes paid on service line projects for recovery in its 2019 true-up report, resulting in overall service-line costs that are less than the actual costs incurred for this work in 2019.<sup>19</sup>

In contrast to the manual process for service-line invoice reporting for the GUIC true-up report, MERC's main project invoice costs are pulled directly from MERC's accounting system where such invoices are paid, ensuring that only those invoiced costs that have been paid are included in the main true-up report. Thus, no similar corrections are required with respect to MERC's 2019 GUIC main projects.<sup>20</sup>

In order to ensure the accuracy of future true-up reporting on service-line projects, MERC has implemented process improvements to verify and validate each GUIC service line project and all contractor invoiced costs.

### 6. Betterment

The Department also recommends the removal of **[TRADE SECRET DATA BEGINS... INTRADE SECRET DATA ENDS]** from plant for the 2019 true-up and future GUIC Rider recovery as a reasonable measure of costs incurred as a betterment.<sup>21</sup> The Department bases its recommended adjustment on a single project (Q-4605-000919, Minnesota Department of Transportation Rochester County Road 9 Project), which involved the replacement of a portion of 3-inch steel main with 6-inch steel main under the relocated project design.

Contrary to the Department's assertion, MERC has not included any costs for GUIC Rider recovery which constitute a betterment under Minn. Stat. § 216B.1635, subd. 1(b)(3).

In its Order Approving Rider with Modifications in Docket No. G002/M-14-336, the Commission addressed the issue of whether an increase in installed pipe diameter constituted a betterment under Minn. Stat. § 216B.1635, subd. 1(b)(3), concluding that Xcel Energy's installation of 20-inch pipe to replace an existing 18-inch pipe did not constitute a

<sup>&</sup>lt;sup>19</sup> See MERC's responses to Department Information Request Nos. 45 and 48, included with these Reply Comments as **Attachment E**.

<sup>&</sup>lt;sup>20</sup> In its Comments, the Department notes that "MERC's reported main installation costs could have similar overstatement errors, however, the small sample of main installation projects tested by the Department reasonably reflected the reported amounts for the selected work requests. Therefore, the Department does not offer an inaccurate cost reporting adjustment related to main installations at this time." Department Comments at 22.

<sup>&</sup>lt;sup>21</sup> Department Comments at 22.

betterment that would be ineligible for recovery through the GUIC Rider. The Commission concluded that "[u]sing 20-inch rather than 18-inch pipe is not a betterment because it is the best engineering choice to restore the pipe to its original, safe condition."<sup>22</sup>

Similarly, in Docket No. G002/M-17-787, the Commission rejected the Department's assertion that Xcel Energy's proposal to replace its Langdon Line consisting of 12-inch, 8-inch, and 6-inch pipe with only 12-inch pipe constituted a betterment, as a 12-inch pipe was the better engineering choice not because the line is larger but because it avoids variation in the sizing and segmentation of the pipeline.<sup>23</sup>

The identified project is analogous and similarly does not constitute a betterment under the Commission's previous interpretations. The pipe being replaced was no longer a common or standard size, as discussed in MERC's response to Department Information Request No. 47.<sup>24</sup> Further, MERC designed the replacement project to use the smallest pipe diameter consistent with prudent engineering practices and standards to safely and reliably serve existing customers and demand. MERC designs all of its DIMP and ROW replacement projects based on flow modeling and engineering standards and best practices to safely and reliably meet the existing customer demand. In this instance, the larger diameter pipe was the result of the overall project design based on the Company's distribution system in this area, is the smallest pipe diameter consistent with prudent engineering practices, and does not result in increased system capacity or make other system improvements. Rather, the installed 6-inch pipe used to replace existing facilities was determined to be necessary and appropriate in accordance with standards for safety, reliability, and engineering practice. Therefore, consistent with the Commission's previous decisions interpreting Minn. Stat. § 216B.1635, subd. 1(b)(3), the identified project Q-4605-000919 does not constitute a betterment and no adjustments to MERC's 2019 GUIC Rider true-up or 2021 forecasted GUIC Rider are warranted.

## 7. Meter-Related Costs

Additionally, the Department recommends adjustments to remove an extrapolation of invoiced costs involving meter-related work on MERC's ROW relocation and obsolete materials replacement projects. In particular, the Department states in its Comments that

<sup>&</sup>lt;sup>22</sup> See In the Matter of the Petition of N. States Power Co., d/b/a Xcel Energy, for Approval of a Gas Util. Infrastructure Cost Rider, Docket No. G002/M-14-336, ORDER APPROVING RIDER WITH MODIFICATIONS at 10 (Jan. 27, 2015).

<sup>&</sup>lt;sup>23</sup> In the Matter of the Petition of N. States Power Co., d/b/a Xcel Energy, for Approval of a Gas Util. Infrastructure Cost Rider True-up Report for 2017, the Forecasted 2018 Revenue Requirements, and Revised Adjustment Factors, Docket No. G002/M-17-787, ORDER AUTHORIZING RIDER RECOVERY AND SETTING REPORTING REQUIREMENTS (Aug. 12, 2019).

<sup>&</sup>lt;sup>24</sup> Department Comments at Attachment 10.

the invoices it sampled "include the cost of new meters and their installation costs (i.e., invoiced items coded #T120152\*, M101, etc.)."<sup>25</sup>

However, as stated in the Company's response to Department Information Request Nos. 45 and 48, MERC has not included the costs for any new meters in the GUIC Rider.<sup>26</sup> The Department appears to interpret MERC's discovery responses to state that the Company should not include new meter costs but that it had done so in error. This is not the case.

MERC clarifies that the invoice entries referencing meter-related materials and labor are not for the cost of new meters. Rather, as discussed in the Company's responses to discovery, the costs of any new meter are not included in the GUIC Rider. In contrast, the costs that are included for recovery in MERC's overall GUIC Rider, as shown in the invoices provided, are appropriate and legitimate GUIC-eligible costs related to the ROW and Obsolete Materials replacement projects. As discussed in MERC's response to Department Information Request No. 48:

> Any time a service line is replaced, the connected meter is also checked to ensure compliance. The charges included on the referenced invoices are for associated meter repair work that occurs as part of the service line replacement. The meter bar is the most common item replaced to allow[] for refreshed threads for the meter, which mitigates the risk of future leaks. Completing this meter work as part of the obsolete materials service line replacement is consistent with DIMP regulations and involves the identification and mitigation of known risks. This work is necessary to ensure the meter sets along replacement projects are in compliance with current regulations.<sup>27</sup>

Meter-related costs that are reflected in the invoices provided in response to Department discovery requests include the labor costs to verify meter delivery pressure after installation of the new service line; costs to tag a meter to depict if an excess flow valve has been installed on the service line or to designate if a service has been abandoned; connection of the new service line to the meter assembly; replacement of the meter bar and regulator; and the material cost for a sleeve to protect the service riser from corrosion or other damage. MERC continues to believe these costs are appropriately included as part of the GUIC service-line replacement projects and no adjustment to remove such costs is warranted. Installing a replacement service line to remove obsolete materials or to accommodate an ROW project necessitates review of the meter connection to the service line and such costs

<sup>&</sup>lt;sup>25</sup> Department Comments at 23, 25.

<sup>&</sup>lt;sup>26</sup> See Department Comments at 24 ("[I]f a new meter were installed as the result of a service line replacement, the material cost of such new meter would not be accounted for as part of the service line project and would not be included in the GUIC rider.").

<sup>&</sup>lt;sup>27</sup> See Department Comments at 24.

are appropriately included in these projects. MERC is in agreement with the Department that if an entirely new meter is installed for any reason at the time of these ROW and obsolete materials replacement projects, the costs of the meter should be excluded from the GUIC Rider. As MERC has excluded the material costs for meter replacements from its proposed 2021 GUIC Rider and 2019 true-up, no further adjustment is needed.

## 8. Incremental O&M – 2019 Regulatory Legal Expense

Finally, MERC proposes to include in its revised 2019 GUIC Rider true-up and 2021 revenue requirement calculation, actual incremental legal regulatory expense incurred in 2019 related to the Company's GUIC Rider. These costs were not included with MERC's initial Petition but reflect actual incremental O&M expense associated with the Company's GUIC Rider incurred in 2019. Inclusion of these costs for recovery in the 2019 true-up is consistent with the GUIC Statute, which authorizes the inclusion of any incremental O&M costs for recovery through a GUIC rider.<sup>28</sup> Additionally, because MERC has not included such expense in its forecasted GUIC Rider, only actual costs incurred in the 2019 true-up are included for recovery.

In particular, MERC has included actual 2019 outside legal expense related to filings, regulatory proceedings, discovery, and approval of the Company's GUIC Rider. This regulatory expense associated with filing and obtaining approval for MERC's GUIC Rider cost recovery has allowed the Company to implement multi-year pipeline safety and assessment programs that are comprehensive and cost-effective, rather than undertaking work in a reactionary or immediate threat mode, thus providing substantial benefits to MERC's customers beyond increased safety and reliability. These costs are reasonable, prudent, and appropriately recoverable in accordance with the GUIC Statute.

As this O&M expense was not included in MERC's forecasted 2019 GUIC Rider, there is no amount to be trued up in recovery. MERC has also not included other incremental O&M expense associated with the Company's GUIC projects at this time such as agency assessments related to the GUIC Rider proceedings. Inclusion of outside regulatory legal expense associated with the GUIC Rider proceedings in the true-up reconciliation is reasonable and consistent with the statute, as these costs are incremental, are not currently being recovered in the Company's base rates approved in Docket No. G011/GR-17-563, and are actual O&M expense incurred related to GUIC.

The incremental O&M costs that MERC has included in its true-up reconciliation were not included in the Company's last rate case test year expense, nor would these types of expenses be included in MERC's O&M expense in current rates. In its past rate cases,

<sup>&</sup>lt;sup>28</sup> Minn. Stat. § 216B.1635, subd. 4 ("Notwithstanding any other provision of this chapter, the commission may approve a rate schedule for the automatic annual adjustment of charges for gas utility infrastructure costs net of revenues under this section, including a rate of return, income taxes on the rate of return, incremental property taxes, incremental depreciation expense, and any incremental operation and maintenance costs.")

MERC has included costs related to legal expense and agency assessments for routine regulatory filings but has not included any adjustment for unique filings such as the GUIC Rider. In particular, MERC's authorized O&M included for recovery in current base rates was established based on actual 2017 O&M expense in Docket No. G011/GR-17-563.<sup>29</sup> MERC did not have a GUIC Rider, nor any other rider in 2017, and had not petitioned the Commission for authority to establish such a rider in 2017. Therefore, the Commission should authorize inclusion of these costs for true-up as incremental, eligible costs incurred in 2019.

### 9. Forecasted 2021 ROW Costs

In its initial Petition, MERC forecasted 2021 ROW project costs of \$6,340,000, based on 2019 actuals, to be consistent with the approach the Company had proposed in its thenpending 2020 GUIC Rider filing to base 2020 ROW costs on 2018 actuals.

Subsequent to MERC filing its 2021 Petition on April 1, 2020, the Commission issued a final order on MERC's 2020 GUIC Rider, Docket No. G011/M-19-282, requiring MERC to use a three-year cost average, using the most recent three years (2017-2019), to estimate its ROW project costs. As set forth in the Commission's Order,

This is the same approach that the Company recently advocated, and the Commission approved in the Company's 2019 GUIC rider filing. In approving cost recovery under the GUIC statute, the Commission bears in mind the need to balance the Company's right to recover its costs with the public's interest in setting rates as accurately as possible to reduce the significance of subsequent true-ups. . . . [T]hree years' worth of the most recent data reflects the fact that costs are consistently increasing but at a reasonably measured rate, with a downward shift in 2019 actual costs. The Commission will therefore require the Company to use the most recent three years of cost data (2017-2019) to estimate its ROW project costs.<sup>30</sup>

The Department, in its Comments, supports MERC's use of 2019 actual ROW costs to establish 2021 costs but further advocates the Commission establish a blanket rule to require MERC to use the lower of either the most recent year's actual costs or the three-year

<sup>&</sup>lt;sup>29</sup> In the Matter of the Application of Minn. Energy Res. Corp. for Auth. To Increase Rates for Nat. Gas Serv. in Minn., Docket No. G011/GR-17-563, FINDINGS OF FACT, CONCLUSIONS, AND ORDER at 7-8 (Dec. 26, 2018).

<sup>&</sup>lt;sup>30</sup> In the Matter of the Petition of Minn. Energy Res. Corp. for Approval of 2020 Gas Util. Infrastructure Cost Rider Revenue Requirement and Revised Surcharge Factor, Docket No. G011/M-19-282, ORDER AUTHORIZING RIDER RECOVERY AND SETTING REPORTING REQUIREMENTS at 6 (June 18, 2020).

average.<sup>31</sup> Ultimately, as reflected in the Commission's June 28, 2020, Order Authorizing Rider Recovery and Setting Reporting Requirements, setting rates based on forecasted costs that are as accurate as possible most appropriately protects ratepayers' interests and avoids the need for significant true-up adjustments in the future.

In its initial Petition filed in April, MERC proposed using the lower ROW forecast, with actual costs subject to true up. However, given the Company's experience with ROW projects to date in 2020 and anticipated trends for 2021, use of a three-year average may more accurately reflect anticipated ROW project costs for 2021, thus reducing the need for a large future true-up adjustment. In light of the additional cost information that has become available since the Company submitted its Petition, the Commission may wish to approve 2021 forecasted ROW based on the most recent three-year average. This approach would be consistent with the Commission's decision on MERC's 2020 GUIC Rider and is likely to help avoid the need for a substantial true-up to account for increasing ROW costs in 2021.

As discussed in the Company's response to Department Information Request No. 31,<sup>32</sup> through the end of September 2020, MERC had completed 86 ROW projects with total project costs of \$7,702,699 (approximately \$1.36 million more than MERC's 2021 forecasted ROW project costs). Additionally, MERC estimated 25 remaining projects to be completed in 2020, resulting in total forecasted 2020 ROW project costs of \$9,920,490 as of the end of September 2020. Assuming similar spending continues in 2021, use of 2019 actuals to set the 2021 forecasted ROW spending could result in up to \$3.5 million of costs to be trued up.

As discussed in detail in MERC's prior GUIC Rider dockets, MERC has no control over the total number of ROW replacement projects that must be completed in any given year and the Company is not generally notified in advance of actual ROW relocation work that will be undertaken. Nevertheless, in recent years, the number and costs of ROW projects has continued to trend upwards. Additionally, in October 2020, Minnesota's Governor signed a nearly \$2 billion bonding bill, which includes significant funding for road and other infrastructure projects across the state, which may lead to even more ROW projects in 2021. In order to reflect the most accurate and up-to-date information regarding forecasted costs, MERC has updated its 2021 revenue requirement based on actual 2017-2019 ROW costs of \$6,391,312.<sup>33</sup>

Ultimately, MERC does not believe the Department's recommendation to establish a blanket rule requiring the Company to forecast based on the lower of the most recent years' actual

<sup>&</sup>lt;sup>31</sup> Department Comments at 27.

<sup>&</sup>lt;sup>32</sup> Included as **Attachment F** to these Reply Comments.

<sup>&</sup>lt;sup>33</sup> This three-year average incorporates all other 2019 corrections and adjustments for 2019 ROW project costs as discussed in these Reply Comments. Consistent with the Commission's decision in Docket No. G011/M-19-282, MERC's 2020 GUIC Rider, MERC would propose to update this three-year average to include 2020 actual ROW project costs in the event the Commission's decision in this docket occurs after 2020 is complete and all ROW project costs are accounted for.

ROW costs or three-year average ROW costs is reasonable or consistent with the public interest, given the true-up of such costs in future years. Rather, the Commission should establish forecasted GUIC rider recovery that most accurately reflects the costs forecasted to be incurred.

### 10. ADIT Proration and True-up

As noted in the Department's Comments, MERC proposed to adjust the prorated ADIT used for setting 2019 rider rates with the 13-month average of the difference between its forecasted 2019 non-prorated ADIT balances and actual 2019 non-prorated ADIT balances. However, as noted in MERC's response to Department Information Request No. 24,<sup>34</sup> the deferred income tax proration true-up adjustment was not properly computed in Exhibit I, the 2019 GUIC true-up. Instead, the same formula utilized in the forecasted revenue requirement model was used in the true-up model. MERC has corrected this ADIT proration true-up in the revised Exhibit I to these Reply Comments. The impact of this adjustment is an increase to the 2019 revenue requirement of \$488 and an increase by the same amount to the 2021 revenue requirement inclusive of 2019 true-up.

The issue of prorated ADIT for the months preceding the implementation of the forecasted GUIC Rider has not previously been addressed in MERC's GUIC Rider dockets. However, MERC agreed in Docket No. G011/M-19-608, the Company's 2020 Natural Gas Extension Project Rider docket, to not prorate ADIT for any months prior to the month of final approval of the proposed rates. MERC similarly agrees that it will submit a compliance filing upon approval of 2021 GUIC Rider surcharge rates so that ADIT is not prorated for any months in 2021 that precede the month in which the 2021 GUIC Rider is implemented.

## 11. Sales Forecast for 2021 GUIC Rider Surcharge Rates

MERC's Petition calculated proposed surcharge rates based on forecasted 2021 sales by customer class developed using the same sales forecasting methodologies as approved in MERC's most recent rate case in Docket No. G011/M-17-563. Consistent with the Commission's decision on MERC's 2020 GUIC Rider in Docket No. G011/M-19-282 and the Department's recommendation in its Comments, MERC agrees to update its rider surcharge rates based on the most recent year's actual weather-normalized sales. Revised Exhibit D, included with these Reply Comments, reflects updated surcharge rates based on actual 2019 weather-normalized sales, which reflect the most recent year of actuals available.

<sup>&</sup>lt;sup>34</sup> Department Comments at Attachment 3. Also, as noted in MERC's response to Department Information Request No. 24, MERC discovered that actual book asset activity included more than additions and book depreciation, which were the assumption in the forecast. Actual book asset activity included additions, retirements, depreciation expense, and cost of removal. For tax purposes, the initial calculation treated the book cost and book reserve activity as additions and depreciation expense, which is not correct tax treatment. The revised computation reflected in Attachment A to these Reply Comments correctly accounts for the tax treatment of the book activity.

Depending on the timing of a Commission decision on this 2021 GUIC Rider, MERC proposes to use these 2019 actual weather-normalized sales or update to actual 2020 weather-normalized sales, if available.

	Proposed	Average		% of 2021
	GUIC Rider	Annual		GUIC revenue
Customer Class	Surcharge	Cost	Total \$	requirement
Residential, including Farm Tap	\$ 0.02276	\$ 20	\$ 4,353,547	62.5%
Class 1 & 2 Firm (Sales and Transport),				
including Farm Tap	\$ 0.01137	\$ 57	\$ 1,336,622	19.2%
Class 1 & 2 Interruptible (Sales and				
Transport), Class 1 & 2 Grain Dryer,				
Class 1 Electric Generation	\$ 0.01137	\$ 585	\$ 300,312	4.3%
Class 3 & 4 Firm (Sales and Transport),				
including Farm Tap	\$ 0.00493	\$ 904	\$ 23,504	0.3%
Class 3 & 4 Interruptible (Sales and				
Transport); Class 3 Grain Dryer	\$ 0.00493	\$ 3,341	\$ 705,056	10.1%
Class 5 (including Farm Tap), FLEX,				
Class 2 Electric Generation, Transport-				
for-Resale	\$ 0.00175	\$ 9,486	\$ 246,634	3.5%
Direct Connect <sup>35</sup>	N/A	N/A	\$0	0%
Total			\$6,965,675	100%

## Table 2. Proposed 2021 GUIC Rider Surcharge Rates

#### 12. Magnitude of GUIC Rider Costs and Reporting

The Department also suggests that the magnitude of MERC's annual GUIC spending has increased substantially over time and that it may be appropriate for the Commission to place limitations on the Company's future GUIC Rider recoveries.<sup>36</sup>

MERC notes that, in fact, the Company's forecasted 2021 GUIC spending for capital and O&M projects is lower than either the 2019 or 2020 approved spending levels, as reflected

<sup>&</sup>lt;sup>35</sup> Note that all other customer class surcharge rates exclude any direct connect customers within those rate classes.

<sup>&</sup>lt;sup>36</sup> See Department Comments at 9-11, 28 ("While the GUIC statute does not quantify limitations of permissible customer rate increases through this rider mechanism, given the errors and shortcomings discussed above, the Department believes the Commission could entertain consideration of a measurable rider-recovery limit, potentially as a public interest safeguard.")

in Table 3 below. Thus, the Department's suggestion that the Company has substantially increased its GUIC costs is not accurate.<sup>37</sup>

Year	Forecasted Capital	Forecasted O&M	Total Expenditures (Capital & O&M)
2019*	\$12.3 million	\$3 million	\$15.3 million
2020*	\$13.4 million	\$3.095 million	\$16.495
2021**	\$11.091 million	\$3.095 million	\$14.186

Table 3. Annual GUIC Rider Capital and O&M Expenditur
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\* as approved

\*\* as proposed with updates as discussed in these Reply Comments.

As reflected in the GUIC Statute, the work included for recovery in a GUIC Rider is work that is *required* by the construction or improvement of a highway, road, street, public building, or other public work by or on behalf of a governmental unit and work that is *required* by federal or state agencies with respect to the replacement, modification, and assessment of existing natural gas facilities.<sup>38</sup>

As addressed in the Company's Petition, GUIC Rider recovery allows the Company to implement multi-year programs that are comprehensive and cost effective, thus providing benefits to MERC's customers beyond increased safety and reliability. A proactive approach benefits customers because work undertaken systematically and strategically reduces costs and allows MERC to engage in regional planning to minimize inconvenience to impacted communities. MERC's DIMP projects will necessarily be a multi-year effort and the pace of the work completed can be controlled while balancing the need to mitigate known risks on the distribution system with the associate rate impacts. The Company's planned spending for 2021 replacements is based in large part on the need to balance removal of risks against avoiding significant rate impacts. In determining the proposed level of annual spending, MERC evaluated historic DIMP project spending as well as other anticipated spending to understand the level of annual investment under DIMP programs that could be supported in rates.

Given the importance and necessity of these gas utility infrastructure projects, the fact that the Company's annual forecasted expenditures have not increased over time, and the steps

<sup>&</sup>lt;sup>37</sup> As noted in the Department's Comments, the annual GUIC spending and the annual revenue requirement are not equivalent, as the annual revenue requirement is calculated to recover the forecasted year's depreciation and return on prior GUIC years' capital investments as well as the forecasted year's capital investment expense. Additionally, prior period under-recoveries result in an increase to the revenue requirement due to the resulting true-up.

<sup>&</sup>lt;sup>38</sup> Minn. Stat. § 216B.1635, subd. 1(c).

MERC has taken to ensure the quality and accuracy of its future GUIC true-up reports and rider filings, as discussed in detail above, MERC does not believe it is reasonable for the Commission to impose a rider-recovery limit at this time.

Regarding the magnitude of future GUIC Rider recovery requests, consistent with the requirements set forth in Minn. Stat. § 216B.1635, MERC included information and a discussion regarding the magnitude and timing of any known future gas utility projects that the Company may seek to recover through its GUIC Rider in Section II.D. of the Petition and Exhibit H. Additionally, MERC provided information and discussion regarding the magnitude of GUIC costs in relation to the gas utility's base revenue as approved by the Commission in MERC's most recent general rate case, exclusive of gas purchase costs and transportation charges, and the magnitude of GUIC in relation to the gas utility's capital expenditures since its most recent general rate case.<sup>39</sup> Nevertheless, the Department, in its Comments, concludes that MERC has not "adequately satisfied the statutory requirement to 'file sufficient information to satisfy the Commission … include[ing] … the magnitude and timing of any known future gas utility projects that the utility may seek to recover under this section."<sup>40</sup> The Department further requests that MERC provide in its reply comments a more informative quantification of the revenue requirements outlook for the future near-term years, including the proximate onset of new projects and their projected recovery needs.

The detail provided regarding the magnitude and timing of known future gas utility projects that the Company may seek to recover through its GUIC Rider is consistent with MERC's previous GUIC Rider filings, which the Commission determined to have satisfied the requirements of the GUIC Statute.<sup>41</sup> Additionally, the Department has been actively involved in the Company's Farm Tap proceeding in Docket No. G011/M-17-407, which is the one new project MERC identified in Exhibit H to the Company's GUIC Rider petition as a potential future gas utility project.<sup>42</sup> In that docket, the Company has provided detailed analysis of the revenue requirement impacts and GUIC surcharge impacts assuming the costs of such farm tap replacement is recovered through the GUIC Rider.<sup>43</sup> MERC refers

<sup>&</sup>lt;sup>39</sup> See Petition at Section II.D and Exhibit H.

<sup>&</sup>lt;sup>40</sup> Department Comments at 29.

<sup>&</sup>lt;sup>41</sup> See In the Matter of Minn. Energy Res. Corp.'s Request for Approval of a Gas Util. Infrastructure Cost Rider, Docket No. G011/M-18-281, ORDER APPROVING GAS UTILITY INFRASTRUCTURE COST RIDER WITH MODIFICATIONS AND REQUIRING COMPLIANCE FILING at 6 (Feb. 5, 2019) ("The Commission agrees with MERC that the costs it seeks to recover through its proposed GUIC rider are incremental; required by federal, state, or local agencies; and supported by sufficient detail to meet the information requirements of the GUIC statute. Accordingly, the Commission will authorize the Company to recover the capital and O&M costs identified in its petition though a GUIC rider, beginning in 2019.") <sup>42</sup> Most recently, the Department filed comments in that docket on September 14, 2020, in response to the Company's Report on Farm Tap Planning and Design Phase and Phase II Procedural Proposal.

<sup>&</sup>lt;sup>43</sup> See In the Matter of the Petition of Minn. Energy Res. Corp. for Approval of Farm Tap Customer-Owned Fuel Line Replacement Plan, Tariff Amendments, and Deferred Accounting, Docket No. G011/M-17-409, DEPARTMENT COMMENTS at 23-25 (Sept. 14, 2020) (providing analysis of the cost and rate impacts of full replacement and replacement within one mile of the Company's system,

the Department to the detailed data and analysis that has been provided and evaluated in that proceeding in response to its request for additional quantification of potential future GUIC Rider cost impacts.

As the Department is aware, there have been numerous alternatives proposed to address the safety risks posed by farm tap customer-owned fuel lines in that proceeding with significantly different costs associated with each alternative that has been considered. For example, MERC's modified alternative proposal would cost approximately \$7.1 million to install main, services, and meters for farm tap customers located within one mile of the Company's existing distribution system. Alternatively, MERC has estimated a cost of approximately \$46.6 million for the full replacement of all farm tap customer-owned fuel lines with utility-owned facilities. Other alternatives have also been proposed by the Department and the Minnesota Office of the Attorney General, Residential Utilities Division, and the potential costs and feasibility of such alternatives have been evaluated. Thus, while the Commission has not yet taken action to approve a specific alternative, MERC has provided information on the known project and potential costs associated with the farm tap project that may be included in a future GUIC Rider. Additionally, detailed information regarding the alternatives under consideration has been submitted in Docket No. G011/M-17-409.

Setting aside the potential inclusion of farm tap replacement costs in a future GUIC Rider, annual GUIC capital spending and O&M expense has remained consistent since the Company first received approval of its GUIC Rider. And as discussed in Exhibit H to the Company's Petition, MERC plans to continue spending at similar levels in future years, noting that annual ROW relocation costs are beyond the Company's control and are driven by state and local governmental projects. While MERC's recent experience indicates a likely increasing trend in annual ROW relocation projects, as discussed in detail in Docket Nos. G011/M-18-281 and G011/M-19-282, MERC does not receive advanced notice regarding ROW relocation projects and, therefore, is unable to provide precise forecasts of future costs.

#### 13. Updates to 2019 GUIC Rider True-Up and 2021 GUIC Revenue Requirements

MERC is including updated versions of the following exhibits with these Reply Comments to incorporate the updates and corrections discussed above and identified in the Company's Petition:

• Exhibit D: Calculations of the proposed 2021 GUIC-eligible revenue requirement and proposed GUIC Rider surcharge rates by customer class proposed to be effective January 1, 2021 (included as **Attachment B** to these Reply Comments);

assuming recovery through the GUIC Rider, based on data and analysis provided in response to discovery).

- Exhibit E: Details regarding MERC's actual 2019 relocation projects required to accommodate public projects in the right-of-way [Public and Nonpublic versions, included as **Attachment C** to these Reply Comments];
- Exhibit I: MERC's 2019 GUIC true-up calculation and tracker balance (included as **Attachment A** to these Reply Comments); and
- Exhibit J: Details regarding MERC's actual 2019 obsolete materials replacement projects [Public and Nonpublic versions, included as **Attachment D** to these Reply Comments].

In particular, the updated exhibits reflect the following updates and corrections:

- In MERC's initial Petition, MERC identified projects in Exhibits E and J for which specific material and size information for retirements was still pending. In response to discovery, the Company stated that it would provide an update on the 2019 trueup and 2021 revenue requirement with Reply Comments, incorporating additional data regarding project retirements and adjusting project retirements that had been reported as zero or null in the Company's initial filing. MERC has updated Exhibits E and J included as Attachments C and D to these Reply Comments, to reflect retirement details and has incorporated those retirement impacts in the 2019 true-up and 2021 revenue requirement reflected in Exhibits D and I, included as Attachments A and B to these Reply Comments. These updates result in a reduction to MERC's 2019 revenue requirement of \$396.
- Four service projects labeled as obsolete material replacement projects have been correctly labeled as ROW projects and seven service projects labeled as ROW projects have been correctly labeled as obsolete material replacement projects. The labeling of these projects has no impact on MERC's 2019 true-up, 2021 revenue requirements, or 2021 surcharge rates.
- Updates to include forecasted 2021 excess flow valve expense of \$95,049, consistent with the Commission's decision in Docket No. G011/M-19-282, and as agreed to between MERC and the Department.<sup>44</sup>
- Inclusion of \$17,954.91 of actual 2019 incremental ROW O&M expense associated with four ROW projects for which MERC was able to modify existing facilities to

<sup>&</sup>lt;sup>44</sup> As discussed in MERC's response to Department Information Request No. 23, included as Attachment 3 to the Department's Comments, the formula in MERC's Exhibit D as filed incorrectly excluded the excess flow valve O&M expense in the revenue requirement calculation. That formula error has been corrected and the reduced O&M amount has been included in Attachment B to these Reply Comments. As noted in the Department's Comments, this petition predated the close of MERC's prior GUIC docket, Docket No. G011/M-19-282, in which the Commission approved an annual recovery amount of \$95,049.

> accommodate the proposed project rather than installing new facilities as discussed in MERC's Petition and these Reply Comments.

- Corrected ADIT proration true-up for 2019, as discussed in these Reply Comments. The impact of this adjustment is an increase to the 2019 revenue requirement of \$488 and the same amount increase to the 2021 revenue requirement inclusive of 2019 true-up.
- Corrected 2019 actual book asset activity to reflect correct tax treatment as explained in MERC's response to Department Information Request No. 24.<sup>45</sup> The revised computation in Attachment A to these Reply Comments correctly accounts for the tax treatment of book activity with tax cost additions equal to book cost additions and tax depreciation calculated on the correct basis.
- After MERC filed its Petition on April 1, 2020, the Commission issued an Order Authorizing Rider Recovery and Setting Reporting Requirements in Docket No. G011/M-19-282 on June 18, 2020. Order Point 13 of the Commission's Order required that:

MERC must include a projected depreciation adjustment in its 2020 GUIC-rider revenue requirement to prevent double recovery of depreciation expense associated with assets that are replaced, retired, and removed by GUIC projects. This forecasted adjustment must be calculated based on MERC's actual 2019 depreciation adjustment as reflected in the Company's true-up calculation. In future GUIC rider petitions, require MERC to include a forecasted adjustment to account for depreciation associated with facilities removed or replaced as a result of GUIC capital projects based on the most recently filed actual true-up adjustment.

As discussed in MERC's Petition at 44, the Company did include an adjustment in its 2019 true-up to account for depreciation expense related to replaced facilities. However, an additional adjustment to the forecasted 2021 GUIC Rider is needed to be consistent with the Commission's Order. Thus, MERC has incorporated an adjustment to its 2021 revenue requirement based on the 2019 actual true-up adjustment, inclusive of the updates to 2019 retirements as noted above. Inclusion of the 2021 forecasted depreciation adjustment to account for forecasted retirements results in a reduction to MERC's 2021 revenue requirement of \$6,346.

<sup>&</sup>lt;sup>45</sup> Included as Attachment 3 to the Department's Comments.

- Adjusted 2019 capital costs to remove non-GUIC projects consistent with actual 2019 GUIC ROW and obsolete materials replacement projects and costs in Exhibits E and J.
- Corrected 2019 service line ROW and obsolete materials replacement project capital costs associated with contractor invoice amounts to accurately reflect actual 2019 capital costs incurred for ROW and obsolete materials replacement projects based on contractor invoiced costs. As discussed in these Reply Comments, identified adjustments to correct for service project invoiced contractor costs are a reduction to overall 2019 plant of \$16,703.66. This results in a reduction to MERC's 2021 revenue requirement of \$1,075.
- Included 2019 capitalized internal costs associated with ROW and obsolete material replacement service line projects, as reflected in the updated Exhibits E and J attached to these Reply Comments as Attachments C and D.
- Updated 2021 GUIC rider surcharge rates based on 2019 actual weather-normalized sales by customer class for 2019 (the most recent year of actuals currently available), as recommended by the Department.
- Included in the 2019 true-up, 2019 actual GUIC rider regulatory legal expense of \$154,535 associated with MERC's outside legal costs as incremental O&M expense related to filings, regulatory proceedings, discovery, and approval of the Company's GUIC Rider.
- Updated 2021 forecasted ROW capital costs based on the three-year average 2017-2019 actual ROW costs to reflect the most current information regarding anticipated 2021 ROW costs and trends. This update results in an increase to the revenue requirement of \$1,605.
- Updated the 2020 forecast activity in the 2021 revenue requirement calculation based on the Commission's decision in Docket No. G011/M-20-282, MERC's 2020 GUIC rider. This results in a reduction to the 2021 revenue requirement of \$18,600.<sup>46</sup>

<sup>&</sup>lt;sup>46</sup> Note that the updated forecasted plant in service and O&M expense for 2020 tie to MERC's final GUIC compliance filing in Docket No. G011/M-20-282, however, depreciation expense, rate base, and ADIT proration do not because the calculation of final 2020 GUIC rider rates is based on the 2019 forecast while this 2021 revenue requirement incorporates 2019 actuals.

#### CONCLUSION

Based on the foregoing, MERC respectfully requests that the Commission approve MERC's updated 2021 GUIC revenue requirement of \$6,965,675, inclusive of MERC's 2019 GUIC rider true-up, as reflected in Attachment B to these Reply Comments. MERC also requests that the Commission approve the proposed GUIC Rider surcharge rates proposed in these Reply Comments effective January 1, 2021.

Please contact me at (414) 221-4208 if you have any questions regarding the information in this filing. Thank you for your attention to this matter.

Sincerely,

Jogen C. Hogena Malueg

Joylyn Hoffman Malueg Project Specialist 3 Minnesota Energy Resources Corporation

Enclosures cc: Service List

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment A to Reply Comments- Revised Exhibit I 2019 GUIC True-up Calculation and Tracker Balance Page 1 of 13

## GUIC Rider 2019 True-up Revenue Requirement on GUIC projects

			** N	IERC Reply Comment
			Forecasted	Actual - Revised
Line	Description	Reference	2019	2019
1	Expense	O&M Expense	3,000,000	1,916,337
2	Expense	Depreciation Expense	133,090	59,473
3	Rate Base	13-Month Average Net Plant Value	5,250,459	3,792,217
4	Accumulated Deferred Income Tax P	roration Adjustment	2,581	5,222
5	Adjusted Rate Base	13-Month Average Net Plant Value	5,253,039	3,797,439
6	Rate of Return	Commission Authorized 2018 Rate Case	6.6971%	6.6971%
7	Earnings on Rate Base	Line 5 x Line 6	351,801	254,318
8	Gross Revenue Conversion Factor	2018 Rate Case Adjusted for Tax Reform	1.402	1.402
9	Return on Rate Base	Line 7 x Line 8	493,225	356,554
10				
11	Total Revenue Requirement	Line 1 + Line 2 + Line 9	3,626,315	2,332,365
12				
13	2019 Rider Revenue Collected			1,497,598
14			_	
15	** Total Adjustment: Over/(Under)	Collection - to be collected within the 2021 GUIC Rider		(834,767)

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment A to Reply Comments- Revised Exhibit I 2019 GUIC True-up Calculation and Tracker Balance Page 2 of 13

GUIC Rider 2019 True-up Total Mains, Services, Stations Revenue Requirement

	Month	Construction Expenditures	CWIP Balance	Plant In Service Balance, net	Accumulated Depreciation	Accumulated Deferred Tax	Rate Base	DFIT Proration Adjust (N/A for Actuals)	Adjusted Rate Base	Depreciation Return of	O&M
<b>2018</b>	Dec-18	-	-	-	-	-	-	-	-	-	-
<b>2019</b>	Jan-19	-	-	-	-	-	-	-	-	-	12,878
2019	Feb-19	562	562	-	-	-	-	-	-	-	12,980
<b>2019</b>	Mar-19	20,896	13,656	6,545	1,256	(21)	7,780	-	7,780	-	12,878
<b>2019</b>	Apr-19	479,126	372,374	107,570	20,626	(456)	127,741	-	127,741	13	13,337
<b>2019</b>	May-19	2,732,009	1,721,804	1,311,509	199,831	(7,018)	1,504,322	-	1,504,322	216	14,026
<b>2019</b>	Jun-19	1,732,811	2,064,952	2,610,851	322,391	(30,078)	2,903,164	-	2,903,164	2,495	53,346
<b>2019</b>	Jul-19	1,346,588	1,734,916	4,229,930	382,621	(46,039)	4,566,511	-	4,566,511	4,684	156,263
<b>2019</b>	Aug-19	1,264,997	2,217,726	4,801,207	588,498	(55,749)	5,333,955	-	5,333,955	7,248	304,780
2019	Sep-19	1,610,789	3,337,376	5,186,500	699,264	(69,834)	5,815,930	-	5,815,930	8,278	422,913
2019	Oct-19	1,354,413	2,523,554	7,210,495	842,211	(97,374)	7,955,333	-	7,955,333	9,055	335,315
2019	Nov-19	669,033	1,032,399	9,131,034	1,073,120	(125,841)	10,078,312	-	10,078,312	12,269	338,898
2019	Dec-19	66,300	140,128	9,804,065	1,345,372	(143,669)	11,005,768	5,222	11,010,990	15,216	238,723

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#### Minnesota Energey Resources Corporation GUIC 2019 True-up Revenue Requirement

			Net	Plant In Service				De	epr. Calculation					A	cumu	lated Depreciation			
Month		Additions		Retirements	Net Accumulated Investment		Beginning of the Month Addition		Annual Depr. Rate		Deprec Exp (NetDep)		Depreciation	Retirement		Cost Of Removal	Salvage		End Bal
		[A]		[B]	[C]		[D]		[E]		[F]		[G]	[H]		[1]	[1]		[K]
12/1/2018	\$		\$		\$ -		1-1		1-1		1.1	\$	-			1.5	[-]		1
1/1/2019	\$	-	\$	- 5	\$-	\$	-	\$	-	\$	-	\$	- \$	-	\$	-		\$	-
2/1/2019	\$	-	\$	- 5	\$-	\$	-	\$	-	\$	-	\$	- \$	-	\$	-		\$	-
3/1/2019	\$	-	\$	- 5	\$-	\$	-	\$	-	\$	-	\$	- \$	-	\$	-		\$	-
4/1/2019	\$	-	\$	- 5	\$-	\$	-	\$	-	\$	-	\$	- \$	-	\$	-		\$	-
5/1/2019	\$	272,878		- 5	\$ 272,878	\$	-	\$	-	\$	-	\$	- \$	-	\$	780		\$	78
6/1/2019	\$	828,599		- 5	\$ 1,101,477	\$	272,878		-	\$	409	\$	(409) \$		\$	34,735		\$	35,10
7/1/2019	\$	1,357,700		6,204	\$ 2,452,972	\$	1,101,477		-	\$	1,652	\$	(1,652) \$			7,368		\$	47,020
8/1/2019	\$	376,969		145,678		\$	2,452,972		-	\$	3,679	\$	(3,679) \$			2,215		\$	191,23
9/1/2019	ş	24,770		30,770		Ş	2,684,263		-	Ş	4,026	ş	(4,026) \$			13,198		ş	231,18
10/1/2019	Ş	1,750,830		77,045		Ş	2,678,263		-	Ş	4,017	Ş	(4,017) \$			7,763		Ş	311,97
11/1/2019	Ş	2,005,148		214,692			4,352,049		-	Ş	6,528	Ş	(6,528) \$			3,528		Ş	523,662
12/1/2019	<u></u>	948,158		283,863	\$ 6,806,800	<u></u>	6,142,505	Ş	-	<u>Ş</u>	9,214	<u></u>	(9,214) \$			1,928		Ş	800,239
	Ş	7,565,052	Ş	758,252						Ş	29,527	Ş	(29,527) \$	758,252	Ş	71,514 \$	-		

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#### Minnesota Energey Resources Corporation GUIC 2019 True-up Revenue Requirement

							Deferred I	ncon	ne Taxes								
Month		Tax Addition		Tax Depr.		Gain/(Loss) on Retirements	Book/Tax Difference		Bonus Effect		NOL		Deferred Tax		End Bal		Rate Base
									0.0000%		0.0000%		-				
		[L]		[M]		[N]	[0]		[P]		[Q]		[R]		[S]	[T] =	: [C] + [K] + [
12/1/2018																	
1/1/2019	\$	-	Ş	-	Ş	-	-	Ş	-	Ş	-	Ş	-	Ş	-	Ş	
2/1/2019	ş	-	ş	-	Ş	-	-	Ş	-	Ş	-	Ş	-	Ş	-	Ş	
3/1/2019	Ş	-	Ş	-	Ş	-	-	Ş	-	Ş	-	Ş	-	Ş	-	Ş	
4/1/2019	Ş	-	Ş	-	Ş	-	-	Ş	-	Ş	-	Ş	-	Ş	-	Ş	272
5/1/2019	Ş	272,878		(4,264)		-	(5,369		-	Ş	-	Ş	(1,539)		(1,539)	Ş	272,
6/1/2019	Ş	828,599		(16,389)		-	(68,147		-	Ş	-	Ş	(19,534)		(21,073)	Ş	1,115,
7/1/2019	Ş	1,357,700		(33,141)		-	(46,114		-	Ş	-	Ş	(13,218)		(34,292)	Ş	2,465,
8/1/2019 9/1/2019	Ş	376,969 24,770		(17,110) (9,559)		-	(20,696 (32,388		-	Ş	-	ç	(5,932) (9,284)		(40,224)	Ş	2,835,
10/1/2019	ş	1,750,830		(63,654)		-	(32,388) (78,726)		-	ç	-	ç	(22,566)		(49,508) (72,074)	ş	2,859, 4,591,
10/1/2019	ç					-	(89,077			ç	-	ç				ç	
12/1/2019	\$ ¢	2,005,148 948,158		(83,339) (56,233)		-	(56,674		-	ç	-	ې د	(25,534) (16,245)		(97,608) (113,853)	ې د	6,568, 7,493,
12/1/2019	\$	7,565,052		(283,689)		_ <	(397,191			ş Ş		s S	(113,853)	Ş	(115,655)	Ş	7,495,
	<u> </u>	7,505,052	Ŷ	(200)0007	Ŷ	ć	7,209,849			Ŷ		Ý	21.0000%				
						č	7,607,040						7.6646%				
						÷.	(397,191					_	7.004070				

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Monthly

The proration on this tab is valid for forecasts only. For the proration true-up, please see

ADIT Proration True-up'!k39

#### Minnesota Energey Resources Corporation GUIC 2019 True-up Revenue Requirement

#### 2018 & Fwd Federal Tax Rate 0.21 MN Tax Rate 0.098 MN Apportionment 0.989671 MI Tax Rate 0.06 MI Apportionment 0.000542

Gas Mains Summary

Month	Book/Tax Differ	Bonus Effect		NOL		Deferred Tax	Deferred Tax	Deferred Tax			Federal		Proration		Federal	Pro	Federal rated - 13mo			ated
	Balance	Balance	В	alance		Federal 21.0000%	Federal NOL 21.0000%	State 7.6646%			Def Tax Activity		Adjusted Activity Factor * Activity	13	3-Mo Ave DFIT Activity		Ave DFIT ctivity Differ	Þ	Adjus	tment
12/1/2018	\$-	\$ -	\$	-	\$	-	\$	\$ -					0							
1/1/2019	\$-	\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	2019	\$-	\$	-	\$	-	\$	-	\$		-
2/1/2019		\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	2019		\$	-	\$	-	\$	-	\$		-
3/1/2019		\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	2019		\$	-	\$	-	\$	-	\$		-
4/1/2019		\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	2019		\$	-	\$	-	\$	-	\$		-
5/1/2019		-	\$	-	\$	(1,128)	-	\$ (412)	\$ (412)	2019	,		(664.19)		(86.74)		(577.45)	\$		(577)
6/1/2019		\$ -	\$	-	\$	(15,438)	\$ -	\$ (5,635)	\$ (5,635)	2019	\$ (14,310.80)	\$	(7,253.41)	\$	(1,187.57)	\$	(6,065.85)	\$		(6,643)
7/1/2019	\$ (119,630)	\$ -	\$	-	\$	(25,122)	\$ -	\$ (9,169)	\$ (9,169)	2019	\$ (9,684.00)	\$	(4,085.85)	\$	(1,932.49)	\$	(2,153.36)	\$		(8,797)
8/1/2019		\$ -	\$	-	\$	(29,468)	\$ -	\$ (10,755)	\$ (10,755)	2019	\$ (4,346.08)	\$	(1,464.57)	\$	(2,266.80)	\$	802.24	\$		(7,994)
9/1/2019	\$ (172,714)	\$ -	\$	-	\$	(36,270)	\$ -	\$ (13,238)	\$ (13,238)	2019	\$ (6,801.40)	\$	(1,732.96)	\$	(2,789.99)	\$	1,057.03	\$		(6,937)
10/1/2019	\$ (251,439)	\$ -	\$	-	\$	(52,802)	\$ -	\$ (19,272)	\$ (19,272)	2019	\$ (16,532.43)	\$	(2,808.25)	\$	(4,061.71)	\$	1,253.47	\$		(5,684)
11/1/2019	\$ (340,517)	\$ -	\$	-	\$	(71,509)	\$ -	\$ (26,099)	\$ (26,099)	2019	\$ (18,706.26)	\$	(1,640.00)	\$	(5,500.66)	\$	3,860.66	\$		(1,823)
12/1/2019	\$ (397,191)	\$ -	\$	-	\$	(83,410)	\$ -	\$ (30,443)	\$ (30,443)	2019	\$ (11,901.52)	\$	(32.61)	\$	(6,416.16)	\$	6,383.55	\$		4,560
					\$ ^1	(24,242.12) 3-mo Ave Balance					BOY FED ADIT	\$ \$	(19,681.85)	\$ \$	(24,242.12)	\$	4,560.28			
					_						Prorated ADIT>	\$	(19,681.85)	\$	(24,242.12)	<13	-Mo Ave ADIT	\$	4	,560.28

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#### Minnesota Energey Resources Corporation GUIC 2019 True-up Revenue Requirement

							Gas servio	es Su	mmary						
		Net Pla	ant In Service			De	pr. Calculation				Ac	cumu	lated Depreciation		
Month	Additions	Ret	tirements	Net Accumulated Investment	ginning of the onth Addition		Annual Depr. Rate		Deprec Exp (NetDep)	Depreciation	Retirement		Cost Of Removal	Salvage	End Bal
	[A]		[B]	[C]	[D]		[E]		[F]	[G]	[H]		[1]	[J]	[K]
12/1/2018	\$ · · ·	\$	- \$						.,	\$ 					• •
1/1/2019	\$ -	\$	- \$	- 5	\$ -	\$	-	\$	-	\$ - \$	-	\$	-		\$
2/1/2019	\$ -	\$	- \$	- 5	\$ -	\$	-	\$	-	\$ - \$	-	\$	-		\$
3/1/2019	\$ 7,801	\$	1,256 \$	6,545	\$ -	\$	-	\$	-	\$ - \$	1,256	\$	-		\$ 1
4/1/2019	\$ 120,409	\$	19,384 \$	107,570	\$ 6,545	\$	-	\$	13	\$ (13) \$	19,384	\$	-		\$ 20
5/1/2019	\$ 1,109,701	\$	178,641 \$	1,038,631	\$ 107,570	\$	-	\$	216	\$ (216) \$	178,641	\$	-		\$ 199
6/1/2019	\$ 561,064		90,321 \$		\$ 1,038,631		-	\$	2,086	\$ (2,086) \$	90,321		-		\$ 287
7/1/2019	\$ 318,923		51,341 \$		\$ 1,509,375		-	\$	3,031	\$ (3,031) \$			-		\$ 335
8/1/2019	\$ 405,219		65,232 \$		\$ 1,776,957		-	\$	3,569	\$ (3,569) \$	65,232		-		\$ 397
9/1/2019	\$ 466,369		75,077 \$		\$ 2,116,944		-	\$	4,252	\$ (4,252) \$			-		\$ 468
10/1/2019	\$ 417,404		67,194 \$		\$ 2,508,236		-	\$	5,037	\$ (5,037) \$			-		\$ 530
1/1/2019	\$ 155,040		24,958 \$		\$ 2,858,447		-	\$	5,741	\$ (5,741) \$			-		\$ 549
2/1/2019	\$ 10,413		1,676 \$	2,997,265	\$ 2,988,528	\$	-	\$	6,002	\$ (6,002) \$			-		\$ 54
	\$ 3,572,344	\$	575,079					\$	29,947	\$ (29,947) \$	575,079	\$	- \$	-	

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#### Minnesota Energey Resources Corporation GUIC 2019 True-up Revenue Requirement

							Deferred In	ncom	ne Taxes							
Month		Tax Addition		Tax Depr.		Gain/(Loss) on Retirements	Book/Tax Difference		Bonus Effect		NOL		Deferred Tax	End Bal	I	Rate Base
									0.0000%		0.0000%		-			
		[L]		[M]		[N]	[0]		[P]		[Q]		[R]	[S]	[T] =	[C] + [K] + [S
12/1/2018																
1/1/2019	Ş	-	Ş	-	\$	-	-	\$	-	Ş	-	Ş	- Ş	-	Ş	-
2/1/2019	Ş	-	Ş	- (72)	Ş	-	-	Ş	-	Ş	-	Ş	- \$	-	Ş	
3/1/2019	Ş	7,801 120,409		(73)		-	(73)		-	Ş	-	Ş	(21) \$	(21)	Ş	7,7
4/1/2019 5/1/2019	Ş			(1,530)		-	(1,517)		-	Ş	-	Ş	(435) \$	(456)	Ş	127,7
6/1/2019	Ş	1,109,701 561,064		(17,739) (14,389)			(17,523) (12,303)		-	Ş	-	Ş	(5,023) \$ (3,527) \$	(5,479) (9,005)	Ş	1,232,2
7/1/2019	ş	318,923		(14,389) (12,598)		-	(12,303) (9,567)		-	ç	-	ç	(2,742) \$	(11,747)	ş	1,787,6 2,100,8
8/1/2019	ç	405,219		(12,598) (16,749)			(13,180)		-	ç	-	ç	(3,778) \$	(15,526)	ç	2,100,8
9/1/2019	ç ç	466,369		(21,001)			(15,180)		-	é		ć	(4,801) \$	(20,327)	ć	2,458,0
10/1/2019	Ś	400,303		(22,386)			(17,349)			Ś		ŝ	(4,973) \$	(25,300)	Ś	3,363,3
11/1/2019	ś	155,040		(15,976)			(10,235)			ś		ś	(2,934) \$	(28,234)	č	3,509,7
12/1/2019	Ś	10,413		(11,522)			(5,520)		-	ś	-	ś	(1,582) \$	(29,816)	Ś	3,512,5
	\$	3,572,344		(133,963)		- \$			-	\$	-	\$	(29,816)	,		- //-
	_					\$	3,438,381						21.0000%			
						\$	3,542,397						7.6646%			
						Ś	(104,016)					-				

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#### Minnesota Energey Resources Corporation GUIC 2019 True-up Revenue Requirement

# 2018 & Fwd Federal Tax Rate 0.21 MN Tax Rate 0.098 MN Apportionment 0.989671 MI Tax Rate 0.06 MI Apportionment 0.000542

Gas son	vicos Si	immary

										<u> </u>	ADIT Proration True	<u>-up !k39</u>						
																	1	Monthly
																	F	Prorated
Month	Book/Tax Differ	Bonus Effect		NOL		Deferred Tax	Deferred Tax	Deferred Tax			Federal	Proration		Federal		Federal rated - 13mo		Balance
	Balance	Balance		Balance		Federal 21.0000%	Federal NOL 21.0000%	State 7.6646%			Def Tax Activity	Adjusted Activity Factor * Activity	1	L3-Mo Ave DFIT Activity		Ave DFIT tivity Differ	Ad	djustment
12/1/2018	\$-	\$ -	\$		\$	- \$	; -	-				0	)					
1/1/2019	\$-	\$ -	\$	-	\$	- \$	; -	 	\$ -	2019	\$-	\$-	\$	-	\$	-	\$	-
2/1/2019	\$-	\$ -	\$	-	\$	- \$	-	 	\$ -	2019	\$-	\$ -	\$	-	\$	-	\$	-
3/1/2019	\$ (73)	\$ -	\$	-	\$	(15) \$	-	 6) 5	\$ (6)	2019	\$ (15.33)	\$ (11.59)	\$	(1.18)	\$	(10.41)	\$	(10
4/1/2019	\$ (1,590)	\$ -	\$	-	\$	(334) \$	-	 5 (122) 5	\$ (122)	2019	\$ (318.54)	\$ (214.69)	\$	(25.68)	\$	(189.01)	\$	(199
5/1/2019	\$ (19,113)	\$ -	\$	-	\$	(4,014) \$	-	 5 (1,465) 5	\$ (1,465)	2019	\$ (3,679.82)	\$ (2,167.56)	\$	(308.75)	\$	(1,858.82)	\$	(2,058
6/1/2019	\$ (31,416)	\$ -	\$	-	\$	(6,597) \$	-	 5 (2,408) 5	\$ (2,408)	2019	\$ (2,583.65)	\$ (1,309.52)	\$	(507.49)	\$	(802.03)	\$	(2,860
7/1/2019	\$ (40,983)	\$ -	\$	-	\$	(8,606) \$	-	 5 (3,141) 5	\$ (3,141)	2019	\$ (2,009.00)	\$ (847.63)	\$	(662.03)	\$	(185.61)	\$	(3,046
8/1/2019	\$ (54,163)	\$ -	\$	-	\$	(11,374) \$	-	 5 (4,151) 5	\$ (4,151)	2019	\$ (2,767.86)	\$ (932.73)	\$	(874.94)	\$	(57.79)	\$	(3,104
9/1/2019	\$ (70,912)	\$ -	\$	-	\$	(14,892) \$	-	 5 (5,435) 5	\$ (5,435)	2019	\$ (3,517.39)	\$ (896.21)	\$	(1,145.51)	\$	249.29	\$	(2,854
10/1/2019	\$ (88,261)	\$ -	\$	-	\$	(18,535) \$	-	 6,765) \$	\$ (6,765)	2019	\$ (3,643.21)	\$ (618.85)	\$	(1,425.75)	\$	806.91	\$	(2,047
11/1/2019	\$ (98,496)	\$ -	\$	-	\$	(20,684) \$	-	 5 (7,549) \$	\$ (7,549)	2019	\$ (2,149.41)	\$ (188.44)	\$	(1,591.09)	\$	1,402.65	\$	(645
12/1/2019	\$ (104,016)	\$ 	\$	-	\$	(21,843) \$	-	5 (7,972) 5	\$ (7,972)	2019	\$ (1,159.21)	\$ (3.18)	\$	(1,680.26)	\$	1,677.09	\$	1,032
					\$	(8,222.68)						\$ (7,190.41)	\$	(8,222.68)	\$	1,032.27		
					^1	3-mo Ave Balance^					BOY FED ADIT	\$ -	\$	-				
											Prorated ADIT>	\$ (7,190.41)	\$	(8,222.68)	<13	-Mo Ave ADIT	\$	1,032.27

The proration on this tab is valid for forecasts only. For the proration true-up, please see

ADIT Proration True-up'!k39

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#### Minnesota Energey Resources Corporation GUIC 2019 True-up Revenue Requirement

											Gas station	is Su	ummary									
			Net	Plant In S	ervice	•				pr. Calculation			Accumulated Depreciation									
Month	Additions		litions R		Retirements		Net accumulated Investment	Beginning of the Month Addition			Annual Depr. Rate	Deprec Exp (NetDep)		I	Depreciation	Retirement		Cost Of Removal		Salvage		End Bal
	[A]			[B]			[C]		[D]		[E]		[F]		[G]		[H]		[1]	[J]		[K]
12/1/2018	\$ 1.1	-	\$	1-1	-	\$	-		1-1		1-1			\$			1		1.1	[-]		1.1
1/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
2/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
3/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
4/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
5/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
6/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
7/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
8/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
9/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
10/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
11/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
12/1/2019	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-
	\$	-	\$		-							\$	-	\$	-	\$	-	\$	- \$	-		

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#### Minnesota Energey Resources Corporation GUIC 2019 True-up Revenue Requirement

							(	Gas s	tations Summ	ary							
							Deferred	Incon	ne Taxes								
Month		Tax Addition				Gain/(Loss) on Retirements	Book/Tax Difference		Bonus Effect	NOL		Deferred Tax		End Bal	Rate Base		
									0.0000%		0.0000%		-				
		[L]		[M]		[N]	[0]		[P]		[Q]		[R]		[S]	[T] = [C	] + [K] + [S
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## Minnesota Energey Resources Corporation

#### 2018 & Fwd Federal Tax Rate 0.21 0.098 MN Tax Rate MN Apportionment 0.989671 MI Tax Rate 0.06 MI Apportionment 0.000542

GUIC 2019 True-up Revenue Requirement

**Gas stations Summary** 

														ADIT Proration	ITU	<u>e-up iks9</u>					Mon Prora	
Month	Bo	ok/Tax Diffe	er	E	Bonus Effect	NC	DL		Deferred Tax	I	Deferred Tax	Deferred Tax		Federal		Proration		Federal		ederal ted - 13mo	Bala	ince
		Balance			Balance	Bala	nce		Federal 21.0000%		Federal NOL 21.0000%	State 7.6646%		Def Tax Activi	ty	Adjusted Activity Factor * Activity	1	L3-Mo Ave DFIT Activity		ve DFIT vity Differ	Adjust	tment
12/1/2018	\$		-	\$		\$		\$	- 5	\$		\$				0						
1/1/2019	\$		-	\$	-	\$	-	\$	- 5	\$	-	\$ -	\$ -	2019 \$	-	\$-	\$	-	\$	-	\$	-
2/1/2019			-	\$	-	\$	-	\$	- 5	\$	-	\$ -	\$ -	2010 0	-	\$-	\$	-	\$	-	\$	-
3/1/2019			-	\$	-	\$	-	\$	- 5	\$	-	\$ -	\$ -	2010 0	-	\$-	\$	-	\$	-	\$	-
4/1/2019	\$		-	\$	-	\$	-	\$	- 9	\$	-	\$ -	\$ -	2019 \$	-	\$-	\$	-	\$	-	\$	-
5/1/2019			-	\$	-	\$	-	\$	- 5	\$	-	\$ -	\$ -	+	-	\$-	\$	-	\$	-	\$	-
6/1/2019			-	\$	-	\$	-	\$	- 9	\$	-	\$ -	\$ -	2010 0	-	\$-	\$	-	\$	-	\$	-
7/1/2019			-	\$	-	\$	-	\$	- 5	\$	-	\$ -	\$ -	2010 0	-	\$-	\$	-	\$	-	\$	-
8/1/2019			-	\$	-	\$	-	\$	- 5	\$	-	\$ -	\$ -	2010 0	-	\$-	\$	-	\$	-	\$	-
9/1/2019			-	\$	-	\$	-	\$	- 9	\$	-	\$ -	\$ -	2010 0	-	\$-	\$	-	\$	-	\$	-
10/1/2019			-	\$	-	\$	-	\$	- 9	\$	-	\$ -	\$ -	2010 0	-	\$-	\$	-	\$	-	\$	-
11/1/2019			-	\$	-	\$	-	\$	- 5	\$	-	\$ -	\$ -	2010 0	-	\$-	\$	-	\$	-	\$	-
12/1/2019	\$		-	\$	-	\$	-	\$	- 5	\$		\$ -	\$ -	2019 \$	-	\$ -	\$	-	\$	-	\$	-
								\$	-							\$-	\$	-	\$	-		
								^13	-mo Ave Balance^					BOY FED ADIT		\$ -	\$	-				
														Prorated ADIT>		\$ -	Ś	-	<13-N	lo Ave ADIT	Ś	-

The proration on this tab is valid for forecasts only. For the proration true-up, please see

ADIT Proration True-up'!k39

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-	GUIC Roads G Forecasted F Month End M Federal ADIT		GU	IC DIMP	Total		м	ains	S	ervices	Sta	tions		Total	Dif	ference	
			Mo		Forecasted Month End Federal ADIT		Actual Month End Federal ADIT		Actual Month End Federal ADIT		Actual Month End Federal ADIT		Act	tual Month End Federal ADIT	Foreca	ctual - ated Month ederal ADIT	
12/31/2018	\$	-	\$		\$ -	:	5	-	\$	-	\$	-	\$	-	\$	-	
1/31/2019	\$ 1	(2,619)	\$	(3,232)	\$ (5,851)		5	-	\$	-	\$	-	\$	-	\$	5,851	
2/28/2019	\$ (	(5,238)	\$	(6,464)	\$ (11,702)	5	5	-	\$	-	\$	-	\$	-	\$	11,702	
3/31/2019	\$ (	(7,857)	\$	(9,696)	\$ (17,553)	5	5	-	\$	(15)	\$	-	\$	(15)	\$	17,538	
4/30/2019	\$ (1	0,476)	\$	(12,928)	\$ (23,404)	5	5	-	\$	(334)	\$	-	\$	(334)	\$	23,070	
5/31/2019	\$ (1	3,095)	\$	(16,160)	\$ (29,255)	5	5	(1,128)	\$	(4,014)	\$	-	\$	(5,141)	\$	24,114	
6/30/2019	\$ (1	5,714)	\$	(19,392)	\$ (35,106)	5	5	(15,438)	\$	(6,597)	\$	-	\$	(22,036)	\$	13,070	
7/31/2019	\$ (1	8,333)	\$	(22,624)	\$ (40,957)	5	5	(25,122)	\$	(8,606)	\$	-	\$	(33,729)	\$	7,228	
8/31/2019	\$ (2	20,952)	\$	(25,856)	\$ (46,808)	5	5	(29,468)	\$	(11,374)	\$	-	\$	(40,843)	\$	5,965	
9/30/2019	\$ (2	3,571)	\$	(29,088)	\$ (52,659)	5	5	(36,270)	\$	(14,892)	\$	-	\$	(51,161)	\$	1,498	
10/31/2019	\$ (2	6,190)	\$	(32,320)	\$ (58,510)		5	(52,802)	\$	(18,535)	\$	-	\$	(71,337)	\$	(12,827)	
11/30/2019	\$ (2	28,809)	\$	(35,552)	\$ (64,361)	5	5	(71,509)	\$	(20,684)	\$	-	\$	(92,193)	\$	(27,832)	
12/31/2019	\$ (3	31,426)	\$	(38,786)	\$ (70,212)	:	5	(83,410)	\$	(21,843)	\$	-	\$	(105,253)	\$	(35,041)	
13-Mo Ave	\$ (1	5,714)	\$	(19,392)	\$ (35,106)		5	(24,242)	\$	(8,223)	\$	-	\$	(32,465)	\$	2,641	Proration-True-Up (13-Mo Ave Differ)
Proration Adjust	\$	1,155		1,426	2,581								\$	2,581	\$	2,581	Proration-Forecasted
Def Tax in Rate Base-FC	\$ (1	4,559)	\$	(17,966)	\$ (32,525)										\$	5,222	Proration-Total in Filing
True-up Adjust					\$ 2,641												
Def Tax in Rate Base-Final					\$ (29,884)			<<< Same A	nswer	>>>			\$	(29,884)			

ADIT Proration Adjustment
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#### MERC GUIC Tracker 2019

		Billed Revenue				
Month	Residential	Commercial/Industrial (Firm and Interruptible)	Transportation	Total	Revenue Requirement **	Cumulative Tracker Balance
Jan-19					12,878	12,878
Feb-19					12,980	12,980
Mar-19					12,878	25,858
Apr-19					13,411	39,269
May-19					15,241	54,511
Jun-19	26,678	25,097	191,291	243,065	67,611	(120,944)
Jul-19	14,320	21,004	171,504	206,828	183,662	(144,110)
Aug-19	(5,080)	(7,593)	191,004	178,331	347,759	25,319
Sep-19	13,435	15,736	171,102	200,273	472,926	297,972
Oct-19	22,744	23,867	81,135	127,746	389,876	560,103
Nov-19	78,600	72,409	99,572	250,581	413,413	722,935
Dec-19	106,507	92,422	91,845	290,774	332,796	764,957
TOTALS	257,204	242,941	997,452	1,497,598	2,275,432	

\*\* Note - Represents a depiction of the monthly calculation of Revenue Requirements, based upon current Rate of Return and Gross Conversion factor applied against the previous month's ending Rate Base balance. This monthly calculation is performed in order to compute a Tracker Balance each month. This monthly calculation of Revenue Requirement will not tie to the computation of Revenue Requirements for the entire year of 2019 based upon a 13-month average.

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#### **Revenue Requirement on GUIC projects**

				**	MERC Reply Comments	**	
			Actual Revised	Forecasted	Forecasted - Revised		
Line	Description	Reference	2019	2020	2021		
1	Expense	O&M Expense	1,916,337	3,000,000	3,000,000	-	
2	Expense	Depreciation Expense	59,473	261,617	513,524		
3	Expense	EFV O&M Expense	-	95,049	95,049		
4	Rate Base	13-Month Average Net Plant Value	3,792,217	14,893,697	26,847,833		
5	Accumulated Deferred Income Tax	Proration Adjustment	5,222	10,259	16,007		
6	Adjusted Rate Base	13-Month Average Net Plant Value	3,797,439	14,903,956	26,863,841	-	
7	Rate of Return	Commission Authorized 2018 Rate Case	6.6971%	6.6971%	6.6971%		
8	Earnings on Rate Base	Line 6 x Line 7	254,318	998,133	1,799,098		
9	Gross Revenue Conversion Factor	2018 Rate Case Adjusted for Tax Reform	1.402	1.402	1.402		
10	Return on Rate Base	Line 8 x Line 9	356,554	1,399,382	2,522,336	-	
11						-	
12	Total Revenue Requirement	Line 1 + Line 2 + Line 10	2,332,365	4,756,048	6,130,909	-	
13							
14	2019 GUIC True-up: Over/(Under)	Recovery (Revised per Reply Comments)			(834,767)		
15				_			
16	Total 2021 Revenue Deficiency, inc	luding 2019 True-up			6,965,675	_	
17				-		-	
18	Total Therms	(2019 WN Actuals)			871,608,976	-	
19							
20					Rate/Therm	\$/Cı	istomer
21				Residential	\$ 0.02276	\$	20
22			Class 1-2 Firm (Sa	ales and Transport)	\$ 0.01137	\$	57
23		Class 1-2 Interruptible (Sales and Transport), Class	1-2 Ag Grain Dryer, and C	Class 1 Electric Gen	\$ 0.01137	\$	585
24			Class 3-4 Firm (Sa	ales and Transport)	\$ 0.00493	\$	904
25		Class 3-4 Interruptible (Sales	s and Transport) and Clas	s 3 Ag Grain Dryer	\$ 0.00493	\$	3,341
26		Class 5, FLEX, Tr	ransport for Resale, and C	lass 2 Electric Gen	\$ 0.00175	\$	9,486
27				Direct Connect	\$ -	\$	-

#### Assumptions

1 Forecasted GUIC related right of way and replacement service construction expenditures go into service as spent

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#### 2021 GUIC RIDER RATE DESIGN

2021 GUIC Revenue Requirement			\$ 6,965,675																
				Rate Case	Appor	tionment 1				Op	tion 1					Option	n 2		
	Therm Sales (2019 WN Actual)	Customer Count	Revenue Apportionment	Initia Apportion		Rate/Therm	\$/Customer	Re	distribute	Apporti	ionment	\$/Customer	Redi	stribute	Apport	ionment	Rate/Thern		\$/Customer
Residential	191.313.373	218.327	62.5%	\$ 4.35	3.547	\$ 0.02276	\$ 19.94	s	237.732	\$ 4	591.279	21.03			\$ 2	2.712.841	\$ 0.0141	8 \$	12.43
Firm Sales	122.286.677	23,508	23.5%	\$ 1.63	6.934	\$ 0.01339	\$ 69.63	s	89.387	s 1.	726.321	73.44				.734.036	\$ 0.0141	8 \$	73.76
Interruptible Sales	40,490,539	527	3.5%	\$ 24	3.799	\$ 0.00602	\$ 462.62	s	13.313	s	257,112	487.88			s	574,160	\$ 0.0141	8 \$	1.089.49
Transport	122,436,407	200		\$ 17	3.036	\$ 0.00141		ŝ	9,449	ŝ	182,485	912.43				.736.159	\$ 0.0141	8 \$	8,680,80
Class 5, FLEX, Trans for Resale	147.514.622	23	10.5%	\$ 20	8,479	\$ 0.00141	\$ 3,166.22	s		s	208,479	9.064.29	s		s	208,479	\$ 0.0014	1 5	9.064.29
Direct Connect	247,567,358	8		\$ 34	9,881	\$ 0.00141		ŝ	(349,881)	\$		-	s	(349,881)	\$	-	\$ -	Ś	-
Michigan Mines	n/a	n/a		n/a		n/a			n/a	n	n/a			n/a	r	n/a	n/a		
	871,608,976	242,593		\$ 6,96	5,675			\$		\$ 6	,965,675		\$	(349,881)	\$ E	6,965,675			
				Rate Case	Appor	tionment 2				Op	tion 3					Option	n 4		
	Therm Sales		Revenue	Initia															
	(2019 WN Actual)		Apportionment	Apportion		Rate/Therm	\$/Customer	Re	distribute	Annorti	ionment	\$/Customer	Redi	stribute	Annort	ionment	Rate/Thern		\$/Customer
Residential Class 1-2 Firm (Sales and	191,313,373	218,327	62.5%			\$ 0.02276			andandate		,353,547			Stribute		1,353,547	\$ 0.0227		19.94
Transport)	117,522,457	23,482	23.5%	\$ 1,57	3,160	\$ 0.01339	\$ 66.99			\$ 1	,573,160	66.99			\$ 1	,336,622	\$ 0.0113	7 \$	56.92
Class 3-4 Firm (Sales and Transport) Class 1-2 Interruptible (Sales and	4,764,220	26	23.3 %	\$ 6	3,774	\$ 0.01339	\$ 2,452.85			\$	63,774	2,452.85			\$	23,504	\$ 0.0049	13 \$	904.01
Transport), Class 1-2 Ag Grain Dryer, and Class 1 Electric Gen Class 3-4 Interruptible (Sales and	26,404,942	513		\$	6,146	\$ 0.00175	\$ 89.95			\$	113,619	5 221.48			\$	300,312	\$ 0.0113	7\$	585.40
Transport) and Class 3 Ag Grain Dryer	142,912,053	211	14.0%	\$ 24	9,758	\$ 0.00175	\$ 1,183.69			\$	614,942	2,914.42			\$	705,056	\$ 0.0049	13 \$	3,341.50
Class 5, FLEX, Transport for Resale, and Class 2 Electric Gen	141.124.573	20			6.634	\$ 0.00175	\$ 9.485.92				246.634	9.485.92			s	246.634	\$ 0.0017	55	9.485.92
	141,124,573 247,567,358	26				\$ 0.00175 \$ 0.00175			(432.657)		246,634		s	(432.657)		246,634	\$ 0.001		.,
Direct Connect		8_			2,657		\$ 54,082.09	\$				, -					• -	\$	-
Michigan Mines	n/a	n/a		n/a		n/a			n/a		n/a			n/a		n/a	n/a		
	871,608,976	242,593		\$ 6,96	5,675			\$	(432,657)	\$ 6	,965,675	6,965,675	\$	(432,657)	\$ 6	6,965,675			

Customer Class	GI	roposed JIC Rider urcharge	Ave	erage Annual Cost		Total \$	% of 2021 GUIC revenue requirement
Residential, including Farm Tap	\$	0.02276	\$	19.94	\$	4,353,547	62.5%
Class 1-2 Firm (Sales and Transport), including Farm Tap	\$	0.01137	\$	56.92	\$	1,336,622	19.2%
Class 1-2 Interruptible (Sales and Transport), Class 1-2 Ag Grain Dryer, and Class 1 Power Gen	\$	0.01137	\$	585.40	Ş	300,312	4.3%
Class 3-4 Firm (Sales and Transport), including Farm Tap	\$	0.00493	\$	904.01	Ş	23,504	0.3%
Class 3-4 Interruptible (Sales and Transport) and Class 3-4 Ag Grain Dryer	\$	0.00493	\$	3,341.50	Ş	705,056	10.1%
Class 5 (including Farm Tap), FLEX, Transport for Resale, and Class 2 Power Gen	<	0.00175	s	9.485.92	s	246.634	3.5%
Direct Connect	ŝ	-	ŝ	-	\$	-	0.0%
Total	Ĺ		Ĺ		\$	6,965,675	100%

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GUIC Rider Total Mains, Services, Stations Revenue Requirement

	Month	Construction Expenditures Placed in Service <sup>1</sup>	CWIP Balance	Plant in Service Balance. net	Accumulated Depreciation, net	Accumulated Deferred Tax	Rate Base	ADIT Proration Adjustment	Adjusted Rate Base	Depreciation Return of	0&M
2019	Jan-19	-	-				-	-		-	12,878
2019	Feb-19	562	562	-			-	-			12,980
2019	Mar-19	20,896	13,656	6,545	1,256	(21)	7,780	-	7,780	-	12,878
2019	Apr-19	479,126	372,374	107,570	20,626	(456)	127,741	-	127,741	13	13,337
2019	May-19	2,732,009	1,721,804	1,311,509	199,831	(7,018)	1,504,322	-	1,504,322	216	14,026
2019	Jun-19	1,732,811	2,064,952	2,610,851	322,391	(30,078)	2,903,164	-	2,903,164	2,495	53,346
2019	Jul-19	1,346,588	1,734,916	4,229,930	382,621	(46,039)	4,566,511	-	4,566,511	4,684	156,263
2019	Aug-19	1,264,997	2,217,726	4,801,207	588,498	(55,749)	5,333,955	-	5,333,955	7,248	304,780
2019	Sep-19	1,610,789	3,337,376	5,186,500	699,264	(69,834)	5,815,930	-	5,815,930	8,278	422,913
2019	Oct-19	1,354,413	2,523,554	7,210,495	842,211	(97,374)	7,955,333	-	7,955,333	9,055	335,315
2019	Nov-19	669,033	1,032,399	9,131,034	1,073,120	(125,841)	10,078,312	-	10,078,312	12,269	338,898
2019	Dec-19	66,300	140,128	9,804,065	1,345,372	(143,669)	11,005,768	5,222	11,010,990	15,216	238,723
2020	Jan-20	162	-	9,944,355	1,329,142	(158,348)	11,115,149	(9,045)	11,106,104	16,230	269
2020	Feb-20	325	-	9,944,680	1,312,702	(172,967)	11,084,415	(16,378)	11,068,037	16,440	269
2020	Mar-20	1,300	-	9,945,980	1,296,261	(187,589)	11,054,652	(21,981)	11,032,671	16,441	1,615
2020	Apr-20	227,457	-	10,173,437	1,279,818	(203,024)	11,250,231	(26,236)	11,223,995	16,443	330,257
2020	May-20	497,968	-	10,671,404	1,262,994	(219,968)	11,714,430	(29,228)	11,685,202	16,824	410,466
2020	Jun-20	1,050,200	-	11,721,604	1,245,334	(240,533)	12,726,405	(31,385)	12,695,020	17,660	747,990
2020	Jul-20	1,523,634	-	13,245,238	1,225,912	(265,442)	14,205,708	(32,201)	14,173,507	19,422	599,953
2020	Aug-20	1,775,299	-	15,020,537	1,203,934	(294,153)	15,930,319	(30,789)	15,899,530	21,978	374,130
2020	Sep-20	1,967,987	-	16,988,525	1,178,978	(326,743)	17,840,760	(26,539)	17,814,221	24,956	264,044
2020	Oct-20	2,046,622	-	19,035,147	1,150,720	(362,617)	19,823,250	(18,652)	19,804,598	28,258	144,000
2020	Nov-20	2,135,818	-	21,170,964	1,119,029	(402,053)	21,887,941	(6,617)	21,881,324	31,691	163,648
2020	Dec-20	2,168,961	-	23,339,926	1,083,755	(444,643)	23,979,038	10,259	23,989,296	35,274	58,407
2021	Jan-21	135	-	23,340,060	1,044,842	(474,594)	23,910,308	(18,396)	23,891,912	38,913	269
2021	Feb-21	269	-	23,340,329	1,005,929	(504,546)	23,841,713	(33,426)	23,808,287	38,913	269
2021	Mar-21	1,076	-	23,340,150	968,271	(534,500)	23,773,921	(44,910)	23,729,011	38,914	1,615
2021	Apr-21	188,328	-	23,509,094	948,742	(565,126)	23,892,710	(53,201)	23,839,509	38,913	330,257
2021	May-21	412,304	-	23,742,758	1,088,970	(597,330)	24,234,397	(58,456)	24,175,941	39,193	410,466
2021	Jun-21	869,538	-	24,521,974	1,174,493	(647,270)	25,049,198	(65,530)	24,983,668	39,532	747,990
2021	Jul-21	1,261,529	-	25,725,958	1,198,584	(690,094)	26,234,448	(64,899)	26,169,549	40,822	599,953
2021	Aug-21	1,469,900	-	26,984,948	1,368,864	(733,982)	27,619,830	(59,399)	27,560,431	42,846	374,130
2021	Sep-21	1,629,441	-	28,508,543	1,442,924	(786,792)	29,164,675	(49,948)	29,114,728	44,984	264,044
2021	Oct-21	1,694,549	-	30,058,853	1,547,380	(840,143)	30,766,090	(34,281)	30,731,809	47,546	144,000
2021	Nov-21	1,768,400	-	31,587,604	1,740,394	(894,552)	32,433,445	(12,411)	32,421,034	50,164	163,648
2021	Dec-21	1,795,843	-	33,097,907	1,975,076	(950,926)	34,122,058	16,007	34,138,065	52,785	58,407

Assumptions

1 Forecasted GUIC related right of way and replacement service construction expenditures go into service as spent

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	_	Ν	let Plant In Service			Depr. Calculation				Accur	nulated Depreciation		
Month		Additions	Retirements	Net Accumulated Investment	Beginning of the Month Addition	Annual Depr. Rate	Deprec Exp (NetDep)	Depr	reciation	Retirement	Cost Of Removal	Salvage	End Bal
		[A]	[B]	[C]	[D]	[E]	[F]		[G]	[H]	[1]	[1]	[K]
12/1/2018	\$	- \$		\$ -									
1/1/2019	\$	- \$		\$ -	\$-	\$-	\$-	\$	- \$	- \$	-		\$-
2/1/2019	\$	- \$		\$ -	\$-	\$-	\$-	\$	- \$	- \$	-		\$-
3/1/2019	\$	- \$	-	\$-	\$-	\$-	\$-	\$	- \$	- \$	-		\$-
4/1/2019	\$	- \$	-	\$-	\$-	\$-	\$-	\$	- \$	- \$	-		\$-
5/1/2019	\$	272,878 \$	-	\$ 272,878	\$ -	Ś -	\$ -	\$	- \$	- \$	780		\$ 78
6/1/2019	ś	828,599 \$	-	\$ 1,101,477		Ś -	Ś 409	ŝ	(409) Ś	- ś	34,735		\$ 35,10
7/1/2019	ŝ	1,357,700 \$		\$ 2,452,972		s -	\$ 1,652	ş	(1,652) \$		7,368		\$ 47,02
8/1/2019	ŝ	376,969 \$			\$ 2,452,972		\$ 3,679	\$	(3,679) \$		2,215		\$ 191,23
						\$ - \$							
9/1/2019	\$	24,770 \$						\$	(4,026) \$		13,198		
10/1/2019	\$	1,750,830 \$				\$ -	\$ 4,017	\$	(4,017) \$		7,763		\$ 311,9
11/1/2019	\$	2,005,148 \$			\$ 4,352,049	ş -	\$ 6,528	\$	(6,528) \$		3,528		\$ 523,6
12/1/2019	\$	948,158 \$	283,863	\$ 6,806,800	\$ 6,142,505	\$ -	\$ 9,214	\$	(9,214) \$		1,928		\$ 800,23
	\$	7,565,052 \$	758,252				\$ 29,527	\$	(29,527) \$	758,252 \$	71,514 \$	-	
1/1/2020 2/1/2020 3/1/2020 4/1/2020 5/1/2020 6/1/2020 7/1/2020 8/1/2020 9/1/2020 10/1/2020 11/1/2020 12/1/2020	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	140,236 \$ 217 \$ 868 \$ 151,905 \$ 332,562 \$ 1,017,543 \$ 1,185,615 \$ 1,314,300 \$ 1,366,815 \$ 1,426,384 \$ 1,448,518 \$ 9,086,328 \$	- - - - - - - - - - - - - - - - - - -	\$ 140,236 \$ 140,453 \$ 141,321 \$ 293,226 \$ 625,788 \$ 1,327,153 \$ 2,344,696 \$ 3,550,311 \$ 4,844,611 \$ 6,211,426 \$ 7,637,810 \$ 9,086,328	\$ 625,788	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 10,210 \$ 10,421 \$ 10,421 \$ 10,422 \$ 10,650 \$ 11,149 \$ 12,201 \$ 13,727 \$ 15,506 \$ 17,477 \$ 19,527 \$ 19,527 \$ 165,378	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(10,210) \$ (10,421) \$ (10,421) \$ (10,421) \$ (10,650) \$ (11,149) \$ (12,201) \$ (13,727) \$ (15,506) \$ (17,477) \$ (19,527) \$ (19,527) \$ (21,667) \$ (216,67) \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	-		\$ (10,2 \$ (20,6 \$ (31,0) \$ (41,4 \$ (52,1) \$ (63,2 \$ (75,4 \$ (89,2 \$ (104,7) \$ (122,1) \$ (141,7 \$ (163,3)
	<u> </u>						+,	<u>.</u>	(	Ŧ			
1/1/2021 2/1/2021 3/1/2021	\$ \$ \$	86 \$ 173 \$ 690 \$	-	\$ 86 \$ 259 \$ 949		\$ - \$ - \$ -	\$ 23,840 \$ 23,840 \$ 23,840	\$ \$ \$	(23,840) \$ (23,840) \$ (23,840) \$	- \$	-		\$ (23,84 \$ (47,68 \$ (71,52
4/1/2021	ş	120,836 \$		\$ 121,785		\$ -	\$ 23,840	\$	(23,840) \$		-		\$ (95,36
4/1/2021 5/1/2021	ş Ş	120,836 \$ 264,544 \$		\$ 121,785 \$ 386,329	\$ 949 \$ 121,785	\$ - \$ -	\$ 23,841 \$ 24,022		(23,841) \$ (24,022) \$		- 780		
								\$					
6/1/2021	\$	557,916 \$		\$ 944,245		\$ -	\$ 24,419	\$	(24,419) \$		34,735		\$ (108,2
7/1/2021	\$	809,427 \$		\$ 1,747,468		\$ -	\$ 25,256	\$	(25,256) \$		7,368		\$ (119,9
8/1/2021	\$	943,123 \$				\$ -	\$ 26,461	\$	(26,461) \$		2,215		\$ 1,46
9/1/2021	\$	1,045,488 \$			\$ 2,544,913		\$ 27,657	\$	(27,657) \$		13,198		\$ 17,77
10/1/2021	\$	1,087,263 \$	77,045	\$ 4,569,850	\$ 3,559,632	\$-	\$ 29,179	\$	(29,179) \$	77,045 \$	7,763		\$ 73,40
11/1/2021	Ś	1,134,648 \$				s -	\$ 30,694	Ś	(30,694) \$		3,528		\$ 260,92
12/1/2021	s	1,152,255 \$		\$ 6,358,199	\$ 5,489,806	s -	\$ 32,074	ŝ	(32,074) \$		1,928		\$ 514,64

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					64	s Mains Sumr	nary				
					Deferred Inco	me Taxes					
	Тах		Tax Gain/(Loss)	on	Book/Tax					Deferred	
Month	Addition	Tax Depr.	Retirements		Difference	Bonus Effect		NOL		Тах	End Bal
						0.0000%		0.0000%			
	[L]	[M]	[N]		[0]	[P]		[Q]		[R]	[S]
12/1/2018 1/1/2019 \$	- \$		\$ -		- 4		\$		\$	- \$	
2/1/2019 \$	- \$	-	\$ -				ş	-	ş	- \$	-
3/1/2019 \$	- \$	-	\$ -		- 3		ş	-	ŝ	- \$	-
4/1/2019 \$	- s		\$ -				\$	-	ŝ	- s	-
5/1/2019 \$	272,878 \$	(4,264)	\$ -		(5,369)		\$	-	\$	(1,539) \$	(1,539)
6/1/2019 \$	828,599 \$	(16,389)	\$-		(68,147) \$	; -	\$	-	\$	(19,534) \$	(21,073)
7/1/2019 \$	1,357,700 \$	(33,141)	\$-		(46,114) \$	; -	\$	-	\$	(13,218) \$	(34,292)
8/1/2019 \$	376,969 \$	(17,110)	\$ -		(20,696) \$	-	\$	-	\$	(5,932) \$	(40,224)
9/1/2019 \$	24,770 \$	(9,559)			(32,388) \$		\$	-	\$	(9,284) \$	(49,508)
10/1/2019 \$	1,750,830 \$	(63,654)			(78,726) \$		\$	-	\$	(22,566) \$	(72,074)
11/1/2019 \$	2,005,148 \$	(83,339)			(89,077)		\$	-	\$	(25,534) \$	(97,608)
12/1/2019 \$	948,158 \$	(56,233)			(56,674) \$		\$	-	\$	(16,245) \$	(113,853)
\$	7,565,052 \$	(283,689)	\$-	Ŷ	(397,191) \$	-	\$	-	\$	(113,853)	
				\$	7,209,849					21.0000%	
				\$	7,607,040					7.6646%	
				\$	(397,191)						
						0.0000%		0.0000%	_		
						[P]		[Q]		¢	(112.052)
1/1/2020 ¢	440.000	(45.0.40)	ć		(25 720)		~		Ś	\$	(113,853)
1/1/2020 \$ 2/1/2020 \$	140,236 \$ 217 \$	(45,948)			(35,738) \$ (35,529) \$		\$	-		(10,244) \$	(124,097)
3/1/2020 \$	868 \$	(45,950) (45,957)			(35,536)		\$	-	\$ \$	(10,184) \$ (10,186) \$	(134,282)
4/1/2020 \$	151,905 \$	(45,957) (47,850)			(37,428)		\$ \$	-	ş	(10,186) \$	(144,468) (155,196)
4/1/2020 \$ 5/1/2020 \$	332,562 \$	(51,623)			(40,973)		ş	-	ş	(10,729) \$	(155,196) (166,941)
6/1/2020 \$	701,365 \$	(60,617)			(49,468) \$		\$		\$	(14,180) \$	(181,121)
7/1/2020 \$	1,017,543 \$	(71,916)			(59,715)		ś	_	ŝ	(17,117) \$	(198,238)
8/1/2020 \$	1,185,615 \$	(82,478)			(68,751) \$		ŝ	_	ş	(19,707) \$	(217,945)
9/1/2020 \$	1,314,300 \$	(93,507)			(78,001)		ŝ	-	ŝ	(22,359) \$	(240,304)
10/1/2020 \$	1,366,815 \$	(103,362)			(85,885) \$		ŝ	-	ŝ	(24,619) \$	(264,923)
11/1/2020 \$	1,426,384 \$	(113,953)			(94,426)		ŝ	-	ŝ	(27,067) \$	(291,989)
12/1/2020 \$	1,448,518 \$	(123,697)			(102,030)		\$	-	\$	(29,247) \$	(321,236)
\$	9,086,328 \$	(886,858)	\$-	\$	(723,480) \$	-	\$	-	\$	(207,383)	
				\$	8,199,470					21.0000%	
				\$	8,922,950				_	7.6646%	
				\$	(723,480)						
					_	0.0000%		0.0000%	_		
						[P]		[Q]			/aa. a:
4 /4 /2024 ÷		(00)	<u>,</u>		(72.0(-))		~		<i>.</i>	\$	(321,236)
1/1/2021 \$	86 \$	(96,755)			(72,915) \$		\$	-	\$	(20,901) \$	(342,137)
2/1/2021 \$	173 \$	(96,757)			(72,917) \$		\$	-	\$	(20,901) \$	(363,038)
3/1/2021 \$	690 \$	(96,763)			(72,923) \$		\$	-	\$	(20,903) \$	(383,941)
4/1/2021 \$	120,836 \$ 264,544 \$	(98,267) (101,269)			(74,426) \$		\$ \$	-	\$ \$	(21,334) \$	(405,275)
5/1/2021 \$ 6/1/2021 \$	264,544 \$ 557,916 \$	(101,269) (108,424)			(78,352) \$ (136,172) \$		ş S	-	\$ \$	(22,459) \$ (39,033) \$	(427,734)
6/1/2021 \$ 7/1/2021 \$	809,427 \$	(108,424) (117,412)			(136,172) \$		ş S	-	\$ \$	(30,608) \$	(466,767) (497,376)
8/1/2021 \$	943,123 \$	(117,412) (125,814)			(106,618) \$		s s	-	ş Ş	(30,562) \$	(527,938)
9/1/2021 \$ 9/1/2021 \$	1,045,488 \$	(125,814) (134,587)			(133,785)		s s	-	ş Ş	(38,349) \$	(566,287)
9/1/2021 \$ 10/1/2021 \$	1,045,488 \$	(142,425)			(132,335)		ş	-	ş Ş	(37,933) \$	(604,220)
11/1/2021 \$	1,134,648 \$	(150,851)			(132,423) \$		ŝ	-	\$	(37,959) \$	(642,178)
12/1/2021 \$	1.152.255 \$	(158,604)			(136,184) \$		ŝ	-	ś	(39,037) \$	(681,215)
5	7,116,451 \$	(1,427,928)		Ś	(1,255,832) \$		Ś	-	Ś	(359,979)	(001)213)
4	·,, ·	(_,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,		\$	5,617,008		7		Ŧ	21.0000%	
				ş	6,872,841					7.6646%	

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2018 & Fwd Federal Tax Rate 0.21 MN Tax Rate 0.098 MN Apportionmen 0.989671 MI Tax Rate 0.006 MI Tax Rate 0.00542

Interna         Balance         Balance <t< th=""><th></th><th>1N Apportionment</th><th>0.06</th><th></th><th>Gas Mains Summar</th><th>у</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>		1N Apportionment	0.06		Gas Mains Summar	у									
Interna         Balance         Balance <t< th=""><th>N</th><th>1I Apportionment</th><th>0.000542</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Monthl</th></t<>	N	1I Apportionment	0.000542												Monthl
Baince         Baince         Baince         Baince         Peter ML         Same         Del Ta Activity         Albed Activity         Baince Diff         Antivity         Antity         Antivity         Antivity	lonth	Book/Tax Differ	Bonus Effect	NOL	Deferred Tax	Deferred Tax	Deferred Tax			Federal	Proration	Federal			Prorate Balance
1/1/2009         5         .         5         .         5         .         2009         . <t< th=""><th></th><th>Balance</th><th>Balance</th><th>Balance</th><th></th><th></th><th></th><th></th><th></th><th>Def Tax Activity</th><th></th><th></th><th>13mo Ave DFIT</th><th>А</th><th>djustme</th></t<>		Balance	Balance	Balance						Def Tax Activity			13mo Ave DFIT	А	djustme
21/2009         5         .         5         .         5         .         5         .         1         .<											-				
JAL2003       S       ·       S       ·       S       ·       S       ·       S       ·<			T	Ŧ	7 7		7 7			-	-	-	-	\$	
4/1/2003       5       .       5        5			\$-	\$-						-	-	-	-	\$	
5/1/2019         5         1.5         1.128         5         1.128         5         1.128			T		7 7					-	-	-	-	\$	
			\$-	\$-	\$-\$	-	\$-\$	-	2019	-	-	-	-	\$	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			\$-	\$-	\$ (1,128) \$	-	\$ (412) \$	(412)	2019	(1,128)	(664)	(87)	(577)	\$	
\$1/1020       \$       1       5       1       5       1       10,7515       5       10,7515       5       10,7515       5       10,7515       5       10,7515       5       10,7214       5       10,7515       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       5       10,7215       10,7	6/1/2019 \$	(73,516)	\$-	\$-	\$ (15,438) \$	-	\$ (5,635) \$	(5,635)	2019	(14,311)	(7,253)	(1,188)	(6,066)	\$	(6
\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7/1/2019 \$	(119,630)	\$-	\$ -	\$ (25,122) \$	-	\$ (9,169) \$	(9,169)	2019	(9,684)	(4,086)	(1,932)	(2,153)	\$	(8
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	8/1/2019 \$	(140,326)	\$-	\$ -	\$ (29,468) \$	-	\$ (10,755) \$	(10,755)	2019	(4,346)	(1,465)	(2,267)	802	\$	(7
01/2019       5       051,439       5       -       5       01,2019       5       01,2019       5       01,2019       5       01,2019       5       01,2019       5       01,2019       5       01,2019       5       01,2019       5       01,2019       5       01,2019       1,1020       (16,419)       05,431       5       0       0,4431       5       00,4431       5       01,0020       (16,419)       0,543       0       0,543       5       0       0,5441       0,543       0,543       5       0       0,5441       0,543       5       0       0,5443       0       0       0,542       4,550       0       0,542       4,550       0       0,543       0       0       0,543       0       0       0,543       0       0       0,543       0       0       0,543       0       0,543       0       0       0,543       0       0,543       0       0,543       0       0,543       0       0,543       0       0,543       0       0,543       0       0,543       0,543       0       0,543       0,543       0,543       0,543       0,543       0,543       0,543       0,543       0,543       0,543 <td< td=""><td>9/1/2019 \$</td><td>(172,714)</td><td>s -</td><td>Ś -</td><td>\$ (36.270) \$</td><td>-</td><td>Ś (13,238) Ś</td><td>(13.238)</td><td>2019</td><td>(6.801)</td><td>(1.733)</td><td>(2,790)</td><td>1.057</td><td>Ś</td><td>(6</td></td<>	9/1/2019 \$	(172,714)	s -	Ś -	\$ (36.270) \$	-	Ś (13,238) Ś	(13.238)	2019	(6.801)	(1.733)	(2,790)	1.057	Ś	(6
$ \begin{array}{c} 1/1/2019 & [400,517] & 5 & 5 & 5 & [71,509] & 5 & 5 & [26,099] & 2019 & [14,070] & [13,076] & [15,011] & [36,16] & 5 & 5 & [27,1590] & 5 & 5 & [26,099] & 2019 & [11,020] & [13] & [6,16] & 5 & 5 & [27,1590] & [28,161] & 5 & 5 & [27,1590] & [28,161] & 5 & [27,1590] & [28,161] & 5 & [27,1590] & [28,161] & 5 & [27,1590] & [28,161] & 5 & [27,1590] & [28,161] & 5 & [27,1590] & [28,161] & 5 & [27,1590] & [28,161] & 5 & [2$				Ś -											(5
2/1/2019     5     (197,191)     5     5     (19,424)     5     (19,424)     2.1000     (19,424)     2.1000     (19,621)     (19,622)															
$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$				Ŧ											4
$ \frac{1}{13 \text{ mod} \text{ we lambel}}{12 \text{ mod} \text{ we lambel}}                                   $	2/1/2015 +	, (557,151) ,	÷	- -	ý (05,410) ý		ý (50,443) ý	(50,445)	2015	(11,502)	(55)	(0,410)	0,504	Ŷ	-
A 20000 - 20000 - 20000 - 26600 - 5 (30,413) - 5 (44,433) - 2000 (7,441) (5,453) (1,453) (1,453) (1,53	\$	(397,191)									(19,682)	(24,242)	4,560		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					··13-III0 AVE Balance.						(10 692)	(24 242)	<12 Mo Avo ADIT	ć	1 5 6
1/1/2020 s       (422,29) s       - s       s       (99,915) s       - s       s       (99,915) s       - s       (33,92)       2020 (7,65)       (6,890) (577) (6,312) s       s       (15,107) s       15       15       15,107) s       16,330 (2,533) s       13       14,1490 s       15,107 (1,578) s       14,1490 s       14,1443 s       14,520 (1,578) s       15,108 (1,578) s       11,15 (1,578) s       12,249 s       11,15 (1,178) s       14,440 s       12,249 s       14,1440 s       14,443 s       14,452 s       15,866 (1,178) s       11,168 s       11,168 s       11,11 s       11,12 s       11,12 s       11,12 s       11,12 s       11,11 s       11,12 s       11,12 s       11,12 s       11,12 s       11,1					21.0000%	21.0000%	7.6646%			Prorated ADIT>	(19,082)	(24,242)	<13-IVIO AVE ADIT	Ş	4,50
1//2020 s       (422.29) s       - s       s       (99.915) s       - s       s       (99.915) s       - s       (33.92)       2020 (7.65) (6.890) (577) (6.3.12) (577) (6.3.12) (577)       (5.121) (5.107) s       1         1//2020 s       (503.994) s       - s       (105.839) s       - s       (33.692) (2020 (7.643) (5.289) (1.125) (1.131) (5.107) (5.112) (5.107) (5.112) (5.107) (5.112) (5.107) (5.112) (5.107) (5.112) (5.107) (5.112) (5.107) (5.112) (5.107) (5.112) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (5.121) (1.126) (1.128) (1.126) (1.128) (1.126) (1.128) (1.126) (1.128) (1.126) (1.128) (1.1	s	(397.191)	ś -	ś -	Ś (83.410) Ś	-	Ś (30.443)								
2//2020       5       (466,488)       5       -       5       (98,376)       5       35,005       2020       (7,461)       (6,288)       (1,125)       (5,107)       5       (11,272)         4//2020       5       (50,994)       5       -       5       (10,583)       -       5       (13,693)       5       1       (14,498)       2020       (7,463)       (5,283)       (2,293)       (2,933)       5       (11,512)       (11,725)       (13,902)       (2,933)       5       (11,725)       (11,725)       (14,725)	1/1/2020 5			Ś -					2020	(7.505)	(6.890)	(577)	(6.312)	Ś	(6
3/1/2020 \$       (503.94) \$       - \$       S       (105.839) \$       - \$       (38.629) 2020 (7,463) (5,628) (1,725) (1,302) \$       S       (1,725) (1,302) \$       S       (1,725) (1,302) \$       S       (1,725) (1,302) \$       S       (1,725) (1,202) \$       S       (1,725) (1,203) \$       S       S       S       (1,725) (1,204) \$       S       S       S       (1,204) \$       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S															
4//2020 s       (41,422) s       - s       s       - s       (41,498) s       2020       (7,860) (5,28) s       (2,330) (2,953) s       s       (1,16,97) s       s       s       (1,16,97) s       s       (1,16,97) s       s       s       (1,16,97) s       s       s       (1,16,97) s       s       s       (1,12,97) s       s															
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6/1/2020 \$ (631,683) \$ - \$ < 5 (132,691) \$ - \$ (48,430) 2020 (10,388) (5,251) (3,791) (1,460) \$ (221) (7/200 \$ (760,329) \$ - \$ \$ (139,669) \$ - \$ \$ (53,070) 2020 (12,540) (5,76) (4,75) (521) \$ (22) (760,329) \$ - \$ \$ (139,669) \$ - \$ \$ (53,070) 2020 (14,488) (4,652) (5,666) 1.014 \$ (27) (726) 2,964 \$ (31) (7) (7020 \$ (192,425) \$ - \$ \$ (14,085) \$ - \$ \$ (14,085) \$ - \$ \$ (14,085) \$ - \$ \$ (14,085) (1,018,641) (1,039) (1,039) (1,726) (2,964 \$ (31) (1,726) (1,984 \$ (31,00)															
7/1/2020       \$       (691,578)       \$       -       \$       (145,331)       \$       -       \$       (53,07)       2020       (12,540)       (5,276)       (4,755)       (521)       \$       (22)         \$/1/2020       \$       (159,669)       \$       \$       (58,276)       2020       (14,38)       (4,852)       (7,863)       (7,913)       \$       \$       1         (1/2020       \$       (119,641)       \$       \$       \$       (12,390)       (10,393)       (8,305)       (8,513)       \$,458       \$       1         (1/2020       \$       (112,0671)       \$       \$       \$       (12,3971)       \$       \$       \$       (83,130)       \$       \$       \$       \$       \$       (11,20,671)       \$       \$       \$       (12,640)       \$       (13,632)       (14,363)       \$															
8/1/2020 \$       1/0020 \$       <															
9/1/2020 \$ (833.30) \$ - \$ \$ - \$ (176,049) \$ - \$ (70,649) \$ - \$ (6,255) 2020 (16,380) (4,162) (7,126) 2,964 \$ (11 1/1/2020 \$ (1,013,641) \$ - \$ \$ 5 - \$ (213,915) \$ - \$ (70,377) 2020 (18,036) (3,055) (8,513) 5,458 \$ (12 1/1/2020 \$ (1,126,671) \$ - \$ \$ 5 - \$ (235,341) \$ - \$ \$ (70,377) 2020 (19,829) (1,734) (10,039) 8,305 \$ (0 2/1/2020 \$ (1,126,671) \$ - \$ \$ (13,963,33) - \$ (1,120,671) \$ - \$ \$ (13,963,33) - 13-mo ke Balance <sup>-</sup> 5 (1,120,671) \$ - \$ \$ (14,046) \$ - \$ \$ (85,895) - 7.6646 <sup>-</sup> 5 (1,120,671) \$ - \$ \$ (235,341) \$ - \$ \$ (85,895) - 7.6646 <sup>-</sup> 5 (1,120,671) \$ - \$ \$ (235,341) \$ - \$ \$ (85,895) - 7.6646 <sup>-</sup> 5 (1,120,671) \$ - \$ \$ (235,341) \$ - \$ \$ (85,895) - 7.6646 <sup>-</sup> 5 (1,120,671) \$ - \$ \$ (235,341) \$ - \$ \$ (85,895) - 7.6646 <sup>-</sup> 5 (1,120,671) \$ - \$ \$ (235,341) \$ - \$ \$ (85,895) - 7.6646 <sup>-</sup> 5 (1,120,671) \$ - \$ \$ (235,341) \$ - \$ \$ (85,895) - 7.664 <sup>-</sup> 5 (1,120,671) \$ - \$ \$ (235,341) \$ - \$ \$ (85,895) - 7.664 <sup>-</sup> 7.001 <sup>-</sup> 7.664 <sup>-</sup> 5 (1,120,671) \$ - \$ \$ (235,341) \$ - \$ \$ (85,895) - 7.664 <sup>-</sup> 7.001 <sup>-</sup> 7.001 <sup>-</sup> 7.001 <sup>-</sup> 7.001 <sup>-</sup> 1.1 <sup>-</sup> 8.0 <sup>-</sup> 7.000 <sup>-</sup> 7.001 <sup>-</sup> 8.0 <sup>-</sup> 7.000 <sup>-</sup> 7.001 <sup>-</sup> 8.0 <sup>-</sup> 8.0 <sup>-</sup> 9.0 <sup>-</sup> 9															
0/1/2020 \$ (124,215) \$ - \$ - \$ (124,051) \$ - \$ (213,915) \$ - \$ (78,37) 2020 (18,056) (3,055) (8,513) 5,458 \$ 0 1 (124,1200) \$ (11,120,071) \$ - \$ 0 \$ (213,915) \$ - \$ (78,077) 2020 (19,829) (1,744) (10,090) 8,305 \$ (70,171) \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$															
1/1/2020 \$       (1,120,671) \$       -       \$       -       \$       (78,075)       2020       (19,829)       (1,734)       (10,039)       8,305       \$       (2         2/1/2020 \$       (1,120,671) \$       -       \$       (143,963,331)       -       \$       (85,895)       2020       (21,426)       (59)       (11,687)       11,628       \$       7         5       (1,120,671) \$       -       \$       (143,963,331)       -       \$       (85,895)       -       (143,963)       (134,963)       (143,963)       (143,963)       (143,963)       (143,963)       (143,963)       (143,963)       (11,90,71)       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7,051       -       \$       7															
2/1/2020 \$       (1,120,671) \$       -       \$       (235,341) \$       -       \$       (85,895)       2020       (21,426)       (59)       (11,687)       11,628       \$       5       7.51         \$       (1,120,671)       \$       \$       (1,13,963.3)       *13-mo Ave Balance*       BOY FED ADIT       (83,410)       (83,410)       (83,410)       (83,410)       (83,410)       7.65         \$       (1,120,671) \$       -       \$       (225,341) \$       -       \$       (85,895)       7.051															
\$ (1,20,671)       \$ (143,963.3) ^{13-mo Ave Balance^h       \$ (143,963.3) ^{13-mo Ave Balance^h       \$ (143,963.3) ^{13-mo Ave Balance^h       \$ (143,963.3) BOY FED ADIT Prorated ADIT>       \$ (135,912)       \$ (143,963)       \$ (13-MO Ave ADIT)       \$ 7,051         \$ (1,120,671)       \$ - \$       \$ (235,341)       \$ - \$       \$ (235,341)       \$ - \$       \$ (85,895)       \$ (11,20,671)       \$ (11,39,126)       \$ (1,178)       \$ (12,837)       \$ (12,237)       \$ (12,237)       \$ (12,237)       \$ (12,237)       \$ (12,237)       \$ (12,237)       \$ (12,237)       \$ (12,237)       \$ (12,178)       \$ (12,237) <td></td>															
*     *     ** <th< td=""><td>.2/1/2020 \$</td><td>(1,120,671)</td><td>\$-</td><td>\$-</td><td>\$ (235,341) \$</td><td>-</td><td>\$ (85,895)</td><td></td><td>2020</td><td>(21,426)</td><td>(59)</td><td>(11,687)</td><td>11,628</td><td>\$</td><td>7</td></th<>	.2/1/2020 \$	(1,120,671)	\$-	\$-	\$ (235,341) \$	-	\$ (85,895)		2020	(21,426)	(59)	(11,687)	11,628	\$	7
S       (1,120,671) S       S       S       S       S       (1,20,671) S       S       S       S       (1,20,673) S       S       S       S       (235,341) S       S       S       (1,20,673) S       S       S       S       (235,341) S       S       S       (1,20,673) S       S       S       (1,26,503) S       S       S       (256,566) S       S       S       (1,20,672) S       (1,26,503) S       S       S       (1,26,503) S       S       S       (1,20,672) S       (1,43,532) S       S       S       (21,28,04) S       S       S       (1,20,672) S       (1,43,532) S       S       S       (1,26,503) S       S       S       (10,662) S       (201, 11,5,12) S       (1,43,535) S       S       S       (1,24,809) S       S       S       (1,24,809) S       S       (1,24,814) S       (1,2,653) S       S       S       S       (1,24,809) S       S       S       (1,24,809) S       S       S       S       (1,24,809) S       S       S       S       (1,24,809) S       S       S       S       S       S <t< td=""><td>\$</td><td>(1,120,671)</td><td></td><td></td><td>+ (=))</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>7,051</td><td></td><td></td></t<>	\$	(1,120,671)			+ (=))								7,051		
\$       (1,120,671) \$       -       \$        7.6646%         \$       (1,120,671) \$       -       \$       (235,341) \$       -       \$       (85,895)         1/1/201 \$       (1,193,586) \$       -       \$       (250,653) \$       -       \$       (91,484)       2021       (15,312)       (14,015)       (11,786)       (12,837)       \$       (12,313)         2/1/2021 \$       (1,339,426) \$       -       \$       (250,656) \$       -       \$       (100,866)       (2021       (15,313)       (12,444)       (2,336)       (10,488)       \$       (23,314)       \$       (11,432)       (14,015)       (11,432)       (14,015)       (10,488)       \$       (23,314)       \$       (12,427)       \$       (13,314)       (11,548)       (3,354)       (8,014)       \$       (33,31/202)       \$       (13,362) \$       -       \$       (100,866)       (2021)       (15,629)       (10,055)       (4,736)       (5,769)       \$       (33,54)       \$       \$       (33,24)       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$					^13-mo Ave Balance^										
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$					21.0000%	21.0000%	7 66469/			Prorated ADIT>	(136,912)	(143,963)	<13-Mo Ave ADIT	Ş	7,05
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$															
$ \frac{2}{1/2021} \$ (1.266,503) \$ - \$ - \$ (10,488) \$ - \$ (225,566) \$ - \$ (97,072) 2021 (15,313) (12,844) (2,356) (10,488) \$ (23,34) (41,41,41,41,41,41,41,41,41,41,41,41,41,4$									2025	(45.0.0)	10.0	(4	(42.027)	-	
3/1/2021 \$       (1.339,426) \$       - \$       > \$       (281,280) \$       - \$       (102,662)       2021       (15,314)       (11,548)       (8,534)       (8,014)       \$       (3,41)         4/1/2021 \$       (1.413,852) \$       - \$       > \$       (281,280) \$       - \$       (102,662)       2021       (15,629)       (10,505)       (4,736)       (5,769)       \$       (3,41)       \$       (3,41)       \$       (4,41)       \$       (4,41)       (11,432,204) \$       - \$       \$       (14,312)       2021       (16,454)       (9,666)       (6,002)       (3,644)       \$       (4,41)         \$       (1,735,157) \$       - \$       \$       (341,959) \$       - \$       \$       (124,809)       2021       (28,596)       (14,454)       (8,201)       (5,233)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41)       \$       (4,41) <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>															
4/1/201 \$ (1,413,852) \$ - \$ - \$ (296,909) \$ - \$ (108,366) 2021 (15,629) (10,505) (4,736) (5,769) \$ (3 5/1/201 \$ (1,628,376) \$ - \$ - \$ (313,363) \$ - \$ (114,372) 2021 (15,629) (10,505) (4,736) (5,769) \$ (3 5/1/201 \$ (1,628,376) \$ - \$ - \$ (313,363) \$ - \$ (114,372) 2021 (15,629) (10,505) (4,454) (8,010) (6,253) \$ (4 7/1/201 \$ (1,528,376) \$ - \$ - \$ (341,959) \$ - \$ (124,809) 2021 (28,596) (14,454) (8,010) (6,253) \$ (4 8/1/2021 \$ (1,841,776) \$ - \$ - \$ (364,383) \$ - \$ (132,939) 2021 (22,424) (9,435) (9,926) 491 \$ (4 8/1/2021 \$ (1,841,776) \$ - \$ - \$ (366,773) \$ - \$ (144,468) \$ - \$ (132,939) 2021 (22,424) (9,435) (9,926) 491 \$ (4 8/1/2021 \$ (1,975,561) \$ - \$ - \$ (444,686) \$ - \$ (15,1419) 2021 (28,095) (7,139) (13,610) 6,671 \$ (3 0/1/2021 \$ (2,207,896) \$ - \$ - \$ (444,686) \$ - \$ (161,562) 2021 (27,790) (4,708) (15,947) 11,240 \$ (2 1/1/2021 \$ (2,207,806) \$ - \$ \$ (470,467) \$ - \$ (161,562) 2021 (27,790) (4,708) (15,947) 11,240 \$ (2 2/1/2021 \$ (2,246,319) \$ - \$ \$ (442,658) \$ - \$ (161,562) 2021 (27,790) (2,431) (18,087) 15,655 \$ (1 2/1/2021 \$ (2,246,319) \$ - \$ \$ (429,066) \$ - \$ (182,149) 2021 (28,599) (78) (20,287) 20,208 \$ (2 2/1/2021 \$ (2,376,503) \$ - \$ \$ (429,066) \$ - \$ (182,149) 2021 (28,599) (78) (115,712) 11,364 \$ (2 2/1/2021 \$ (2,376,503) \$ - \$ \$ (351,052,62) \$ - \$ (109,762) \$ (23,541) (225,341) (235,341) \$ (235,3															
5/1/2021 \$ (1,492,204) \$ - \$ - \$ (313,363) \$ - \$ (14,372) 2021 (16,454) (9,666) (6,002) (3,664) \$ 4 (6/1/2021 \$ (1,628,376) \$ - \$ - \$ (341,959) \$ - \$ (114,372) 2021 (28,596) (14,454) (8,201) (6,253) \$ (4 (7)/2021 \$ (1,735,157) \$ - \$ - \$ (344,938) \$ - \$ (123,993) 2021 (22,424) (9,435) (9,256) 491 \$ (4 (8/1/2021 \$ (1,845,76) \$ - \$ - \$ (386,773) \$ - \$ (141,165) 2021 (22,390) (7,524) (11,649) 4,124 \$ (4 (9,125) (1,975,561) \$ - \$ - \$ (414,868) \$ - \$ (151,149) 2021 (28,965) (7,139) (13,810) 6,671 \$ (3 (0/1/2021 \$ (2,07,996) \$ - \$ (444,688) \$ - \$ (161,562) 2021 (27,790) (4,708) (15,947) 11,240 \$ (2 (1/1/2021 \$ (2,376,503) \$ - \$ (444,668) \$ - \$ (161,562) 2021 (27,790) (4,708) (15,947) 11,240 \$ (2 (2,17,120) (2,376,503) \$ - \$ \$ (490,467) \$ - \$ (161,562) 2021 (27,790) (2,431) (18,087) 15,555 \$ (1 (2,17,121) \$ (2,376,503) \$ - \$ \$ (490,467) \$ - \$ (161,562) 2021 (27,809) (2,431) (15,947) 11,240 \$ (2 (2,17,2021 \$ (2,376,503) \$ - \$ \$ (490,467) \$ - \$ (161,562) 2021 (27,809) (2,431) (15,947) 11,240 \$ (2 (2,17,2021 \$ (2,376,503) \$ - \$ \$ (490,467) \$ - \$ (182,149) 2021 (28,599) (7 8) (20,287) 20,208 \$ 1 (11,17,12) 20,11 (28,599) (7 8) (20,287) 20,208 \$ 1 (2,17,004) 11,364															
6/1/2021 \$       (1,628,376) \$       - \$       - \$       (341,959) \$       - \$       (124,809)       2021       (22,596)       (14,454)       (8,201)       (6,223)       \$       (4,71)         7/1/2021 \$       (1,735,157) \$       - \$       - \$       (364,383) \$       - \$       (124,809)       2021       (22,424)       (9,435)       (9,926)       491       \$       (4         8/1/2021 \$       (1,841,776) \$       - \$       - \$       (364,383) \$       - \$       (144,165)       2021       (22,300)       (7,524)       (11,449)       4,124       \$       (4         9/1/2021 \$       (1,275,561) \$       - \$       - \$       (144,868) \$       - \$       (16,1562)       2021       (22,300)       (7,139)       (13,810)       6,671       \$       (36)       \$       (42,670)       \$       (42,091)       (1,77,70)       (4,70,47)       \$       (2,107,896)       (11,5,61)       \$       (2,107,896)       (2,431)       (13,687)       15,655       \$       (2,107,896)       (2,431)       (18,087)       15,655       \$       (2,12,129,16)       (2,2,287)       (2,02,287)       (2,02,887)       2,021       \$       (2,103,98)       15,655       \$       \$       (2,17,172)       2021				Ŧ										+	
7/1/2011 \$       (1,735,157) \$       - \$       \$       (364,383) \$       - \$       \$       (132,993)       2021       (22,424)       (9,435)       (9,926)       491       \$       (4         \$/1/2011 \$       (1,841,776) \$       - \$       - \$       (366,773) \$       - \$       (141,165)       2021       (22,424)       (9,435)       (9,926)       491       \$       (4         \$/1/2011 \$       (1,975,561) \$       - \$       - \$       (346,773) \$       - \$       (141,165)       2021       (22,030)       (7,524)       (11,649)       4,124       \$       (4         \$/1/2011 \$       (2,070,896) \$       - \$       - \$       (442,658) \$       - \$       \$       (161,562)       2021       (27,909)       (4,708)       (15,947)       11,240       \$       (2         \$/1/2011 \$       (2,240,319) \$       - \$       \$       (442,658) \$       - \$       \$       (161,562)       2021       (27,809)       (2,4131)       (18,087)       11,240       \$       (2       2/1/2011 \$       (2,376,503) \$       - \$       \$       (142,214)       \$       \$       (2       2/1/2011 \$       (2,376,503) \$       - \$       \$       \$       (12,376,41)       (13,807)       15,655															
8/1/2011       \$       (1,841,776)       \$       -       \$       (386,773)       \$       -       \$       (141,165)       2021       (22,390)       (7,524)       (11,649)       4,124       \$       (4         9/1/2021       \$       (1,975,561)       5       -       \$       (141,665)       2021       (22,390)       (7,524)       (11,649)       4,124       \$       (4         9/1/2021       \$       (1,975,561)       5       -       \$       (141,665)       2021       (22,390)       (7,139)       (13,610)       6,671       \$       (4         9/1/2021       \$       (2,107,896)       \$       -       \$       (141,665)       >       \$       (16,1552)       2021       (27,790)       (4,708)       (15,947)       \$       (2       (2,107,809)       \$       \$       (1,12,419)       \$       \$       (2       \$       <															
9/1/2021 \$ (1,975,561) \$ - \$ - \$ (414,868) \$ - \$ (151,419) 2021 (28,095) (7,139) (13,810) 6,671 \$ (3,07)/2021 \$ (2,07,806) \$ - \$ (161,562) 2021 (27,790) (4,708) (15,947) 11,240 \$ (2,07)/2014 \$ (2,240,319) \$ - \$ - \$ (470,467) \$ - \$ (171,712) 2021 (27,709) (2,431) (18,087) 15,655 \$ (12,172) \$ (2,376,503) \$ - \$ (470,467) \$ - \$ (171,712) 2021 (27,09) (2,431) (18,087) 15,655 \$ (12,172) \$ (2,376,503) \$ - \$ (470,467) \$ - \$ (182,149) 2021 (28,599) (78) (20,287) 20,208 \$ 1 \$ - \$ (104,348) (115,712) 11,364 \$ - \$ (13,541) \$ - \$ \$ (13,541) \$ - \$ \$ (13,541) \$ - \$ \$ (12,541) \$ - \$ \$ (12,541) \$ - \$ \$ (12,541) \$ - \$ \$ (12,541) \$ - \$ \$ (12,541) \$ - \$ \$ (12,541) \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				\$-										\$	
10(1/2021 \$ (2,107,896) \$ - \$ - \$ (442,658) \$ - \$ (161,562) 2021 (27,790) (4,708) (15,947) 11,240 \$ (2, 11/1/2021 \$ (2,240,319) \$ - \$ - \$ (470,467) \$ - \$ (171,712) 2021 (27,809) (2,431) (18,087) 15,655 \$ (12,1/2021 \$ (2,376,503) \$ - \$ \$ (499,066) \$ - \$ (182,149) 2021 (28,599) (78) (20,287) 20,208 \$ 1 2/1/2021 \$ (2,376,503) \$ - \$ \$ (499,066) \$ - \$ (182,149) 2021 (28,599) (78) (15,712) 20,208 \$ 1 \$ (2,376,503) \$ - \$ \$ (351,052,62) \$ - \$ \$ (182,149) 2021 (28,599) (18,087) 11,364 \$ - \$ \$ (115,712) 11,364 \$ - \$ \$ \$ (115,712) 11,364 \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				\$-										\$	
0/1/2021 \$ (2,107,896) \$ - \$ - \$ (442,658) \$ - \$ (161,562) 2021 (27,790) (4,708) (15,947) 11,240 \$ (2,1/2,1/2) \$ (2,24,0319) \$ - \$ . \$ (470,467) \$ - \$ (161,562) 2021 (27,809) (2,431) (18,087) 15,655 \$ (2,1/2,1/2) \$ (2,376,503) \$ - \$ . \$ (470,467) \$ - \$ (182,149) 2021 (28,599) (78) (20,217) 20,208 \$ 1 \$ . \$ . \$ . \$ . \$ . \$ . \$ . \$ . \$ .	9/1/2021 \$	(1,975,561)	\$-	\$-	\$ (414,868) \$	-	\$ (151,419)		2021	(28,095)	(7,139)	(13,810)	6,671	\$	(3
1/1/2021 \$       (2,240,319) \$       - \$       - \$       (470,467) \$       - \$       (171,712)       2021       (27,809)       (2,431)       (18,087)       15,655       \$       (         2/1/2021 \$       (2,376,503) \$       - \$       - \$       (182,149)       2021       (28,599)       (78)       (20,287)       20,208       \$       1         \$       (2,376,503) \$       - \$       (351,052,62)       -       \$       (104,348)       (115,712)       11,364         \$       (23,376,503)       -       \$       (351,052,62)       -       \$       BOY FED ADIT       (235,341)       (235,341)	0/1/2021 \$	(2,107,896)	\$-	\$-					2021	(27,790)		(15,947)	11,240	\$	(2
12/1/2021 \$ (2,376,503) \$ - \$ - \$ (499,066) \$ - \$ (182,149)       2021 (28,599)       (78) (20,287)       20,208       \$ 1         \$ (2,376,503)       \$ (351,052.62)       (104,348)       (115,712)       11,364         ^13-mo Ave Balance^       BOY FED ADIT       (225,341)       (235,341)				\$-					2021					Ś	
^13-mo Ave Balance^ BOY FED ADIT (235,341) (235,341)	2/1/2021 \$	(2,376,503)	\$-	\$-	\$ (499,066) \$	-			2021			(20,287)	20,208	\$	1
^13-mo Ave Balance^ BOY FED ADIT (235,341) (235,341)	Ś	(2.376.503)			Ś (351.052.62)						(104,348)	(115,712)	11.364		
	Ŧ	(_,_,_,_,_,_,_,_,,_,,,,,,,,,,,,,,,,,,,,								BOY FED ADIT					
										Prorated ADIT>	(339,689)		<13-Mo Ave ADIT	ć	11 74

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#### Minnesota Energey Resources Corporation GUIC Revenue Requirement

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					Gas Service	es Summary						
	,	Net Plant In Service			Depr. Calculation				Accun	nulated Depreciatio	on	
Month	Additions	Retirements	Net Accumulated Investment	Beginning of the Month Addition	Annual Depr. Rate	Deprec Exp (NetDep)		Depreciation	Retirement	Cost Of Removal	Salvage	End Bal
	[A]	[B]	[C]	[D]	[E]	[F]		[G]	[H]	[1]	[1]	[K]
12/1/2018			\$ -									
1/1/2019 2/1/2019			\$ - \$ -		\$- \$-	\$- \$-	\$ \$	- \$ - \$		-	ş	
3/1/2019			\$ 6,545		ş - Ś -	\$ - \$	ş Ş	- \$		-	ş	1,256
4/1/2019	\$ 120,409		\$ 107,570		ş - \$ -	\$ 13		(13) \$			ŝ	20,626
5/1/2019	\$ 1,109,701				\$ -	\$ 216		(216) \$		_	Š	
6/1/2019	\$ 561,064				\$ -	\$ 2,086		(2,086) \$		-	š	287,286
7/1/2019	\$ 318,923				\$ -	\$ 3,031		(3,031) \$		-	Ś	335,595
8/1/2019	\$ 405,219				\$ -	\$ 3,569		(3,569) \$		-	ş	397,258
9/1/2019	\$ 466,369	\$ 75,077	\$ 2,508,236	\$ 2,116,944	\$-	\$ 4,252	\$	(4,252) \$	75,077 \$	-	Ş	468,083
10/1/2019	\$ 417,404	\$ 67,194	\$ 2,858,447	\$ 2,508,236	\$-	\$ 5,037	\$	(5,037) \$	67,194 \$	-	Ş	530,240
11/1/2019	\$ 155,040			\$ 2,858,447	\$-	\$ 5,741		(5,741) \$		-	\$	549,458
12/1/2019	\$ 10,413		\$ 2,997,265	\$ 2,988,528	\$ -	\$ 6,002	\$	(6,002) \$		-	Ş	545,132
	\$ 3,572,344	\$ 575,079				\$ 29,947	\$	(29,947) \$	575,079 \$	-	\$ -	
1/1/2020 2/1/2020 3/1/2020 4/1/2020 6/1/2020 7/1/2020 8/1/2020 9/1/2020 10/1/2020 11/1/2020 12/1/2020	\$         53           \$         106           \$         425           \$         162,687           \$         162,687           \$         343,103           \$         497,775           \$         579,995           \$         642,946           \$         668,637           \$         697,777           \$         708,605           \$         4,376,420	\$ - 5	\$ 53 \$ 159 \$ 584 \$ 74,895 \$ 237,582 \$ 580,685 \$ 1,078,460 \$ 1,678,450 \$ 2,370,401 \$ 2,970,038 \$ 3,667,815 \$ 4,376,420	\$ 53 \$ 159 \$ 584 \$ 74,895 \$ 237,582 \$ 580,685 \$ 1,078,460 \$ 1,658,455 \$ 2,301,401 \$ 2,970,038		\$ 6,020 \$ 6,020 \$ 6,021 \$ 6,021 \$ 6,177 \$ 7,186 \$ 8,185 \$ 9,350 \$ 10,641 \$ 11,984 \$ 13,386 \$ 97,479	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(6,020) \$ (6,020) \$ (6,021) \$ (6,170) \$ (7,186) \$ (8,185) \$ (10,641) \$ (11,984) \$ (13,386) \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12,039) (18,059) (24,080) (30,250) (36,746) (43,932) (52,117) (61,468) (72,109) (84,093)
1/1/2021 2/1/2021 3/1/2021 5/1/2021 6/1/2021 7/1/2021 8/1/2021 9/1/2021 10/1/2021	\$ 47 \$ 95 \$ 379 \$ 66,511 \$ 145,042 \$ 305,890 \$ 443,786 \$ 517,088 \$ 573,212 \$ 596,116 \$ 622,095 \$ 631,749	\$ 1,256 \$ 19,384 \$ 19,641 \$ 90,321 \$ 51,341 \$ 65,232 \$ 75,077 \$ 67,194 \$ 24,958	\$ 228,102 \$ 620,548 \$ 1,072,403 \$ 1,570,538 \$ 2,099,460	\$ 47 \$ 142 \$ (735) \$ 46,132 \$ 12,533 \$ 228,102 \$ 620,548 \$ 1,072,403 \$ 1,072,403 \$ 2,099,460	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 14,809 \$ 14,809 \$ 14,809 \$ 14,807 \$ 14,901 \$ 14,901 \$ 14,934 \$ 15,267 \$ 16,055 \$ 16,055 \$ 16,055 \$ 16,953 \$ 17,963 \$ 19,025 \$ 0,200	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(14,809) \$ (14,809) \$ (14,809) \$ (14,807) \$ (14,834) \$ (15,267) \$ (16,055) \$ (16,963) \$ (17,963) \$ (19,025) \$ (20,224) \$	- \$ 1,256 \$ 19,384 \$ 178,641 \$ 90,321 \$ 51,341 \$ 65,232 \$ 75,077 \$ 67,194 \$ 24,958 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(29,618) (43,171) (38,595) 125,144
12/1/2021					<b>o</b> -	\$ 20,224	\$	(20,224) 5	1,676 \$	-	5	360,012

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							Gas	s Se	rvices Summ	nary				
_							Deferred Inc	ome	e Taxes					
		Tax Addition	Ter David		ain/(Loss) on tirements		Book/Tax Difference		D		NOL		Deferred Tax	E d Dal
Month		Addition	Tax Depr.	Ret	arements		Difference		Bonus Effect		NUL		Tax	End Bal
		[L]	[M]		[N]		[0]		0.0000% [P]		0.0000% [Q]		- [R]	[5]
12/1/2018		[L]	[IVI]		[N]		[0]		[P]		[U]		[K]	[5]
1/1/2019	\$	- \$	-	\$	-		-	\$	-	\$	-	\$	- \$	-
2/1/2019	\$	- \$	-	\$	-			\$	-	\$	-	\$	- \$	-
3/1/2019	\$	7,801 \$	(73)	\$	-			\$	-	\$	-	\$	(21) \$	(21)
4/1/2019	\$	120,409 \$			-			\$	-	\$	-	\$	(435) \$	(456)
5/1/2019	\$	1,109,701 \$	(17,739)		-			\$	-	\$ \$	-	\$	(5,023) \$	(5,479)
6/1/2019 7/1/2019	\$ \$	561,064 \$ 318,923 \$	(14,389) (12,598)		-		(12,303) (9,567)		-	ş Ş	-	\$ \$	(3,527) \$ (2,742) \$	(9,005) (11,747)
8/1/2019	\$ \$	405,219 \$	(12,598) (16,749)		-			\$ \$	-	\$ \$	-	\$ \$	(2,742) \$	(11,747) (15,526)
9/1/2019	ŝ	466,369 \$	(21,001)		-		(16,749)		_	ŝ	_	ś	(4,801) \$	(20,327)
10/1/2019	\$	417,405 \$	(22,386)		-		(17,349)		-	\$	-	Ş	(4,973) \$	(25,300)
11/1/2019	Ş	155,040 \$	(15,976)		-		(10,235)	\$	-	\$	-	Ş	(2,934) \$	(28,234)
12/1/2019	\$	10,413 \$	(11,522)	\$	-		(5,520)		-	\$	-	\$	(1,582) \$	(29,816)
	\$	3,572,344 \$	(133,963)	\$	-	\$	(104,010)	\$	-	\$	-	\$	(29,816)	
						\$	3,438,381						21.0000%	
						\$	3,542,397					_	7.6646%	
						\$	(104,016)		0.0000%		0.0000%			
							-		[P]		[Q]	-		
									1.1		140		Ś	(29,816)
1/1/2020	\$	53 \$	(21,491)	Ś	-		(15,471)	\$	-	\$	-	\$	(4,435) \$	(34,251)
2/1/2020	\$	106 \$	(21,491)		-		(15,471)	\$	-	\$	-	\$	(4,435) \$	(38,686)
3/1/2020	\$	425 \$	(21,495)	\$	-		(15,475)		-	\$	-	\$	(4,436) \$	(43,121)
4/1/2020	\$	74,311 \$	(22,421)		-		(16,400)		-	\$	-	\$	(4,701) \$	(47,822)
5/1/2020	\$	162,687 \$	(24,267)		-		(18,097)		-	\$	-	\$	(5,187) \$	(53,010)
6/1/2020	\$	343,103 \$	(28,667)		-		(22,170)		-	\$	-	\$	(6,355) \$	(59,365)
7/1/2020 8/1/2020	\$ \$	497,775 \$ 579,995 \$	(34,193)		-		(27,007)		-	\$ \$	-	\$ \$	(7,742) \$ (8,936) \$	(67,107) (76,043)
9/1/2020	\$ \$	642,946 \$	(39,361) (44,757)		-		(31,176) (35,407)		-	ې \$	-	ې \$	(10,149) \$	(86,192)
10/1/2020	Ş	668,637 \$	(49,577)		-		(38,936)		_	ŝ	_	Ş	(11,161) \$	(97,353)
11/1/2020	ŝ	697,777 \$	(54,758)		-		(42,774)		-	Ś	-	ŝ	(12,261) \$	(109,614)
12/1/2020	\$	708,605 \$	(59,525)	\$	-			\$	-	\$	-	\$	(13,226) \$	(122,839)
	\$	4,376,420 \$	(422,003)	\$	-	\$	(324,524)	\$	-	\$	-	\$	(93,023)	
						\$	3,954,417						21.0000%	
						\$	4,278,941						7.6646%	
						\$	(324,524)							
							-		0.0000% [P]		0.0000% [Q]	-		
									[[]		141		Ś	(122,839)
1/1/2021	\$	47 \$	(46,205)	\$	-		(31,396)	\$	-	\$	-	\$	(9,000) \$	(131,839)
2/1/2021	ŝ	95 \$	(46,206)		-		(31,397)		-	\$	-	Ş	(9,000) \$	(140,839)
3/1/2021	\$	379 \$	(46,208)		-		(31,399)		-	\$	-	\$	(9,000) \$	(149,839)
4/1/2021	\$	66,251 \$	(47,035)		-		(32,228)		-	\$	-	\$	(9,238) \$	(159,077)
5/1/2021	\$	145,042 \$	(48,681)		-		(33,780)		-	\$	-	\$	(9,683) \$	(168,760)
6/1/2021	\$	305,890 \$	(52,602)		-			\$	-	\$	-	\$	(10,826) \$	(179,586)
7/1/2021	\$	443,786 \$	(57,531)		-		(42,264)		-	\$	-	\$	(12,115) \$	(191,701)
8/1/2021 9/1/2021	\$ \$	517,088 \$ 573,212 \$	(62,135) (66,948)		-		(46,080) (49,985)		-	\$ \$	-	\$ \$	(13,209) \$ (14,328) \$	(204,909) (219,237)
10/1/2021	ş Ş	596,116 \$	(71,245)		-		(53,282)		-	ې \$	-	ې \$	(14,328) \$ (15,273) \$	(219,237) (234,511)
11/1/2021	Ş	622,095 \$	(75,864)		-		(56,839)		_	\$	_	Ş	(16,293) \$	(250,803)
12/1/2021	Ş	631,749 \$	(80,115)	\$	-			\$	-	Ş	-	Ş	(17,167) \$	(267,971)
1	\$	3,901,749 \$	(700,775)	\$	-	\$		\$	-	\$	-	\$	(145,131)	
						\$	3,200,974						21.0000%	
						\$	3,707,282						7.6646%	
						-	5,707,202					-	7.004070	

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 2018 & Fwd

 Federal Tax Rate
 0.21

 MN Tax Rate
 0.098

 MN Apportionmen
 0.989671

 MI Tax Rate
 0.06

	/IN Apportionmen /II Tax Rate	0.989671 0.06		c	Gas Services Summ	arv											
	/I Apportionment	0.000542			Jas Services Summ	ary											
Month	Book/Tax Differ	Bonus Effect	NOL		Deferred Tax	Deferred Tax		Deferred Tax			Federal	Proration	Federal	Federal		Pr	Ionthly rorated alance
	-													Prorated -			
	Balance	Balance	Balanc	e	Federal 21.0000%	Federal NOL 21.0000%		State 7.6646%			Def Tax Activity	Adjusted Activity Factor * Activity	13-Mo Ave DFIT Activity	13mo Ave DFIT Activity Differ		Adj	ustment
12/1/2018		\$-	\$		\$-\$	-	\$	-				-					
1/1/2019		\$ -	\$ \$		\$-\$ \$-\$	-	\$ \$	- \$	-	2019	-	-	-	-	Ş		-
2/1/2019 3/10/2019 3/1000000000000000000000000000000000000		\$ -	ş Ś		\$-\$ \$(15)\$	-	ş Ş	- \$ (6) \$	(6)	2019 2019	- (15)	(12)	- (1)	(10)	ş		- (1
4/1/2019			ŝ		\$ (334) \$	-	ŝ	(122) \$	(122)	2019	(319)	(215)	(26)	(189)	Ś		(19
5/1/2019			ŝ		\$ (4,014) \$	-	ś	(1,465) \$	(1,465)	2019	(3,680)	(2,168)	(309)	(1,859)	ŝ		(2,05
6/1/2019			\$	- :	\$ (6,597) \$	-	\$	(2,408) \$	(2,408)	2019	(2,584)	(1,310)	(507)	(802)	ş		(2,86
7/1/2019		\$ -	\$	- :	\$ (8,606) \$	-	\$	(3,141) \$	(3,141)	2019	(2,009)	(848)	(662)	(186)	ş	\$	(3,046
8/1/2019	\$ (54,163)	\$-	\$		\$ (11,374) \$	-	\$	(4,151) \$	(4,151)	2019	(2,768)	(933)	(875)	(58)	ş	\$	(3,10
9/1/2019	\$ (70,912)	\$-	\$	- :	\$ (14,892) \$	-	\$	(5,435) \$	(5,435)	2019	(3,517)	(896)	(1,146)	249	Ş	\$	(2,85
10/1/2019			\$		\$ (18,535) \$	-	\$	(6,765) \$	(6,765)	2019	(3,643)	(619)	(1,426)	807	\$		(2,04
11/1/2019			\$		\$ (20,684) \$	-	\$	(7,549) \$	(7,549)	2019	(2,149)	(188)	(1,591)	1,403	Ş		(645
12/1/2019	\$ (104,016)	\$ -	\$	-	\$ (21,843) \$	-	\$	(7,972) \$	(7,972)	2019	(1,159)	(3)	(1,680)	1,677	Ş	\$	1,032
:	\$ (104,016)				\$ (8,222.68) ^13-mo Ave Balance^						BOY FED ADIT	(7,190)	(8,223)	1,032			
					13-IIIO Ave balance.						Prorated ADIT>	(7,190)	(8 223)	<13-Mo Ave ADIT		Ś	1,032.27
					21.0000%	21.0000%		7.6646%				(7,150)	(0,223)	13 100 AVE ADIT	Ŧ		1,052.27
:	\$ (104,016)	s -	\$		\$ (21,843) \$	-	Ś	(7,972)									
1/1/2020			ŝ		\$ (25,092) \$	-	ŝ	(9,158)		2020	(3,249)	(2,983)	(250)	(2,733)	Ś	ŝ	(2,733
2/1/2020			Ś		\$ (28,341) \$	-	\$	(10,344)		2020	(3,249)	(2,725)	(500)	(2,225)	Ś		(4,958
3/1/2020	\$ (150,434)	\$ -	\$	-	\$ (31,591) \$	-	\$	(11,530)		2020	(3,250)	(2,451)	(750)	(1,701)	ş	\$	(6,659
4/1/2020			\$		\$ (35,035) \$	-	\$	(12,787)		2020	(3,444)	(2,315)	(1,015)	(1,300)	ş		(7,959
5/1/2020			\$		\$ (38,836) \$	-	\$	(14,174)		2020	(3,800)	(2,232)	(1,307)	(925)	Ş		(8,884
6/1/2020			\$		\$ (43,491) \$	-	\$	(15,874)		2020	(4,656)	(2,353)	(1,665)	(688)	Ş		(9,573
7/1/2020			\$		\$ (49,163) \$	-	\$	(17,944)		2020	(5,672)	(2,386)	(2,102)	(285)	ş		(9,857
8/1/2020			\$		\$ (55,710) \$	-	\$	(20,333)		2020	(6,547)	(2,200)	(2,605)	405	Ş		(9,453
9/1/2020			\$ \$		\$ (63,145) \$ \$ (71,322) \$	-	\$ \$	(23,047)		2020 2020	(7,435)	(1,889)	(3,177)	1,288	ş		(8,165
10/1/2020			\$ \$			-	ş Ş	(26,031)		2020	(8,176)	(1,385)	(3,806)	2,421 3,712			(5,744
11/1/2020 1 12/1/2020 1			\$ \$		\$ (80,304) \$ \$ (89,993) <b>\$</b>	-	\$ \$	(29,310) (32,846)		2020 2020	(8,982) (9,689)	(785) (26)	(4,497) (5,242)	5,216	ę		(2,032 3,184
:	\$ (428,540)			:	\$ (48,759.10)							(23,732)	(26,916)	3,184			
					^13-mo Ave Balance^						BOY FED ADIT	(21,843)	(21,843)				
					21.0000%	21.0000%		7.6646%			Prorated ADIT>	(45,575)	(48,759)	<13-Mo Ave ADIT	Ş	\$	3,183.62
	(420 540)	*	<u>,</u>			21.000076	¢										
1/1/2021			\$ \$		\$ (89,993) \$ \$ (96,587) \$	-	\$ \$	(32,846) (35,252)		2021	(6,593)	(6,035)	(507)	(5,528)	s	é	(5,528
2/1/2021			ş Ś		\$ (96,587) \$ \$ (103,180) \$	-	ş Ş	(35,252) (37,659)		2021	(6,593)	(5,531)	(1,014)	(4,516)	Ş		(5,528
3/1/2021			ŝ		\$ (103,180) \$ \$ (109,774) \$	-	ŝ	(40,065)		2021	(6,594)	(4,972)	(1,522)	(3,451)	Ś		(13,495
4/1/2021			ŝ		\$ (116,542) \$	-	ş	(42,535)		2021	(6,768)	(4,549)	(2,042)	(2,507)	Ś		(16,001
5/1/2021			ŝ		\$ (123,635) \$	-	\$	(45,125)		2021	(7,094)	(4,167)	(2,588)	(1,579)	Ś		(17,580
6/1/2021	\$ (626,508)		\$		\$ (131,567) \$	-	\$	(48,019)		2021	(7,931)	(4,009)	(3,198)	(811)	Ş		(18,392
7/1/2021	\$ (668,772)	\$ -	\$		\$ (140,442) \$	-	\$	(51,259)		2021	(8,875)	(3,734)	(3,881)	146	Ş		(18,245
8/1/2021			\$		\$ (150,119) \$	-	\$	(54,791)		2021	(9,677)	(3,252)	(4,625)	1,373	ş		(16,872
9/1/2021			\$		\$ (160,616) \$	-	\$	(58,622)		2021	(10,497)	(2,667)	(5,432)	2,765	ş		(14,107
10/1/2021			\$		\$ (171,805) \$	-	\$	(62,706)		2021	(11,189)	(1,895)	(6,293)	4,398	ş		(9,709
11/1/2021			\$		\$ (183,741) \$	-	\$	(67,062)		2021	(11,936)	(1,044)	(7,211)	6,168	Ş		(3,542
12/1/2021	\$ (934,848)	\$ -	\$	-	\$ (196,318) \$		\$	(71,652)		2021	(12,577)	(34)	(8,179)	8,144	ŝ	Ş	4,603
:	\$ (934,848)				\$ (136,486.02)							(41,890)	(46,493)	4,603			
					^13-mo Ave Balance^						BOY FED ADIT	(89,993)	(89,993)				
											Prorated ADIT>	(131,883)	(136,486)	<13-Mo Ave ADIT	Ş	\$	4,602.88

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## Minnesota Energey Resources Corporation GUIC Revenue Requirement

					Gas Station	ns Summary					
		Net Plant In Service			Depr. Calculation			Acc	umulated Depreciatio	n	
Month	Additions	Retirements	Net Accumulated Investment	Beginning of the Month Addition	Annual Depr. Rate	Deprec Exp (NetDep)	Depreciation	Retirement	Cost Of Removal	Salvage	End Bal
	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[1]	[1]	[K]
12/1/2018	\$ -	\$ -	\$ -	[0]	[-]	1.1	[0]	1.1	1.1	[2]	141
1/1/2019	\$-	\$-	\$-	\$ -	\$ -	\$-	\$-	\$-	\$-		\$ -
2/1/2019	\$-	\$-	\$-	\$ -	\$ -	\$-	\$-	\$-	\$-		\$ -
3/1/2019	\$-	\$-	\$-	\$ -	\$ -	\$-	\$-	\$-	\$-		\$ -
4/1/2019	\$ -	\$ -	s -	\$ -	\$-	\$ -	\$ -	s -	\$ -		\$ -
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6/1/2019	\$ -	ś -	ś -	Ś -	, \$-	Ś -	Ś -	s -	ś -		s -
7/1/2019	š -	\$ -	š -	š -	- -	š -		, Ś -	s -		š -
8/1/2019	ş -	\$ -	\$ -	ş -	r	\$ -	+	ş -	- -		s -
9/1/2019	ş -	\$ -	\$ -	\$ -		\$ -		*	s -		s -
10/1/2019	ş - \$ -	ş -	ş - \$ -	ş - \$ -	r	ş - \$ -		ş - \$ -	ç -		ş - \$ -
10/1/2019	\$ - \$ -	s -	\$ - \$		s -	ş - \$ -		*	ş - \$ -		\$ - \$ -
		арана – С	2 - 6	\$ - \$ -	2 - 6	s - s -		s - s -	у - с		s -
12/1/2019	<del>\$ -</del> \$ -	\$ -	<i>9</i> -		2 -	<u>\$</u> - \$-			s - s -	ś -	ş -
	ş -	ş -				ş -	2 -	ş -	ş -	<i>,</i> -	
1/1/2020 2/1/2020 3/1/2020 4/1/2020 5/1/2020 6/1/2020 7/1/2020 8/1/2020 9/1/2020 10/1/2020 11/1/2020 12/1/2020	\$	3 \$ - 2 \$ - 5 \$ - 9 \$ - 1 \$ - 0 \$ - 7 \$ - 3 \$ -	\$ 1 \$ 3 \$ 100 \$ 1,251 \$ 3,969 \$ 9,701 \$ 18,017 \$ 27,706 \$ 38,447 \$ 49,618 \$ 661,275 \$ 73,113	\$         1           \$         1           \$         3           \$         10           \$         1,251           \$         9,701           \$         9,701           \$         27,706           \$         38,017           \$         27,706           \$         38,447           \$         49,618           \$         61,275	-         -           -         -	\$         -           \$         0           \$         0           \$         5           \$         14           \$         35           \$         65           \$         100           \$         139           \$         179           \$         222           \$         759	\$         -           \$         (0)           \$         (0)           \$         (0)           \$         (0)           \$         (0)           \$         (10)           \$         (13)           \$         (179)           \$         (222)           \$         (759)		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ <del></del>	\$ - \$ 5 \$ 0 \$ 0 \$ 0 \$ 11 \$ 21 \$ 21 \$ 22 \$ 33 \$ 25 \$ 75 \$ 75 \$ 75 \$ 75 \$ 75 \$ 12 \$ 5 \$ 21 \$ 5 \$ 21 \$ 5 \$ 21 \$ 5 \$ 21 \$ 5 \$ 21 \$ 21
1/1/2021 2/1/2021 3/1/2021 4/1/2021 5/1/2021 6/1/2021 8/1/2021 9/1/2021 10/1/2021 11/1/2021	\$	3 \$ - 2 \$ - 5 \$ - 0 \$ - 1 \$ - 7 \$ -	\$ 1 \$ 3 \$ 10 \$ 1,251 \$ 3,969 \$ 9,701 \$ 18,017 \$ 27,706 \$ 38,447 \$ 49,618 \$ 61,275 \$ 73,113	\$ - \$ 1 \$ 3 \$ 100 \$ 1,251 \$ 3,969 \$ 9,701 \$ 18,017 \$ 27,706 \$ 38,447 \$ 49,618 \$ 61,275	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 264 \$ 264 \$ 264 \$ 269 \$ 279 \$ 300 \$ 330 \$ 365 \$ 403 \$ 444 \$ 486	\$ (264) \$ (264) \$ (264) \$ (264) \$ (269) \$ (279) \$ (300) \$ (360) \$ (360) \$ (363) \$ (403) \$ (443) \$ (4486)	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ 5		\$ (26 \$ (52 \$ (79 \$ (1,05 \$ (1,32 \$ (1,50 \$ (1,90 \$ (2,33 \$ (2,53 \$ (2,55 \$ (3,00 \$ (3,43 \$ (3,93

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Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment B to Reply Comments - Revised Exhibit D 2021 Revenue Requirement Calculation Page 12 of 12

# 2018 & Fwd Federal Tax Rate 0.21 MN Tax Rate 0.098 MN Apportionment 0.989671 MI Tax Rate 0.005 MI Apportionment 0.000542

	II Tax Rate	0.0			Gas Stations Summ	ary											
Nonth	Book/Tax Differ	Bonus Effect	-	NOL	Deferred Tax	Deferred Tax		Deferred Tax				Federal	Proration	Federal	Federal	1	Monthly Prorated Balance
															Prorated -		
	Balance	Balance		Balance	Federal 21.0000%	Federal NOL 21.0000%		State 7.6646%				Def Tax Activity	Adjusted Activity Factor * Activity	13-Mo Ave DFIT Activity	13mo Ave DFIT Activity Differ	A	Adjustmer
12/1/2018 \$		÷ -	\$	-	\$ - \$	-	\$	-					-				
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3/1/2019 \$		*	\$	-	\$ - \$		Ş	-	\$	-	2019	-	-	-	-	\$	
4/1/2019 \$			ş	-	\$ - \$ \$ - \$		ş	-	\$ \$	-	2019 2019	-	-	-	-	\$	
5/1/2019 \$ 6/1/2019 \$	-	-	Ş	-	\$ - \$ \$ - \$		ş	-	\$ \$	-	2019	-	-	-	-	s Ś	
7/1/2019 \$		r	ş	-	s - 5		ş	-	ş Ś	-	2019	-	-	-	-	ş	
8/1/2019 \$		-	ŝ		s - s		ŝ	-	\$		2019					ŝ	
9/1/2019 \$			ś	_	s - s		ś	_	ŝ	_	2019	_	_	_	_	Ś	
10/1/2019 \$		r	ś	-	\$ - S		ś	-	ś	-	2019		-	-		ŝ	
11/1/2019 \$		-	ŝ	-	\$ - \$		ŝ	-	ş	-	2019	-	-	-	-	ş	
2/1/2019 \$		\$-	\$	-	\$-\$	-	\$	-	\$	-	2019	-	-	-	-	\$	
\$	-				\$-								-	-			
					^13-mo Ave Balance^							BOY FED ADIT Prorated ADIT>	-	-	<13-Mo Ave ADIT	\$	
					21.0000%	21.0000%		7.6646%							ST3-IND AVE ADIT	Ŷ	
Ś		÷ -	\$		\$ - \$	-	\$										
1/1/2020 \$	0	- -	\$	-	\$ - \$	-	\$	-			2020	-	-	-	-	\$	
2/1/2020 \$		\$-	\$	-	\$-\$	-	\$	-			2020	-	-	-	-	\$	
3/1/2020 \$			\$	-	\$ - \$		\$	-			2020	-	-	-	-	\$	
4/1/2020 \$			\$	-	\$ (3) \$		\$		1)		2020	(3)	(2)	(0		\$	
5/1/2020 \$			\$	-	\$ (12) \$		\$		4)		2020	(9)	(5)	(1		\$	
6/1/2020 \$			\$	-	\$ (34) \$		\$	(1			2020	(22)	(11)	(3		\$	
7/1/2020 \$			\$	-	\$ (71) \$		\$	(2)			2020 2020	(37)	(16)	(5		ş	
8/1/2020 \$ 9/1/2020 \$			Ş	-	\$ (121) \$ \$ (181) \$		\$	(4-				(49)	(17)	(9		\$ \$	
9/1/2020 \$ 10/1/2020 \$			ş	-	\$ (181) \$ \$ (250) \$		\$	(6) (9)			2020 2020	(60) (70)	(15) (12)	(14		\$ \$	
1/1/2020 \$			ş Ś	-	\$ (329) \$		s s	(12)			2020	(70)	(12)	(19		ş	
L2/1/2020 \$			\$	-	\$ (416) \$		\$	(15)			2020	(87)	(0)	(32		\$	
\$	(1,983)				\$ (109.12)								(85)	(109	) 24		
	( );				^13-mo Ave Balance^							BOY FED ADIT	-	-			
					21.0001%	21.0000%		7.6645%				Prorated ADIT>	(85)	(109	) <13-Mo Ave ADIT	\$	24.
s	(1,983)	÷ -	Ś	-	\$ (416) \$	-	\$	(15)	2)								
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2/1/2021 \$			ŝ	-	\$ (490) \$		ŝ	(17)			2021	(37)	(31)	(6		ŝ	
3/1/2021 \$	(2,509)		Ş	-	\$ (527) \$		Ş	(19			2021	(37)	(28)	(9		Ş	
4/1/2021 \$	(2,700)		\$	-	\$ (567) \$		\$	(20			2021	(40)	(27)	(12		\$	
5/1/2021 \$			\$	-	\$ (613) \$		\$	(22			2021	(46)	(27)	(15		\$	(
6/1/2021 \$			\$	-	\$ (672) \$		\$	(24			2021	(59)	(30)	(20		\$	(
7/1/2021 \$			\$	-	\$ (746) \$		\$	(27			2021	(74)	(31)	(25		\$	(
8/1/2021 \$			\$	-	\$ (832) \$		\$	(30-			2021	(86)	(29)	(32		\$	(
9/1/2021 \$			\$	-	\$ (929) \$		\$	(33			2021	(97)	(25)	(39		\$	(
0/1/2021 \$			\$	-	\$ (1,035) \$		\$	(37)			2021	(106)	(18)	(48		ş	
1/1/2021 \$			\$ \$	-	\$ (1,151) \$ \$ (1,275) \$		\$	(42)			2021 2021	(116) (124)	(10) (0)	(56		\$ \$	
					\$ (746.48)		1		÷			/	(289)	(330		Ţ	
													(289)	(330	1 41		
\$	(0,070)				^13-mo Ave Balance^							BOY FED ADIT	(416)	(416			

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment C to Reply Comments - Revised Exhibit E 2019 Right-of-Way Road Relocation Projects Page 1 of 20

						Page 1 of
Project Type	WBS Element	WR #	Project Name	Address	City	Description
Road	NA		- ROAD RELO SVC REPL W/NO MAIN	ASSORTED	ASSORTED	See service line tab for details
oad	Q-4605-000527		UIC ROAD PROJ - SOUTH HWY (JACKSON)	SOUTH HWY	JACKSON	Install ~3230' 6PE & 270' 2PE along South Hwy for county and city road project
oad	Q-4605-000798		SUIC ROAD PROJECT-FARMINGTON	HICKORY, WESTVIEW, WESTWOOD, VARIOUS	FARMINGTON	~6,500' of 4PE/2PE due to City of Farmington road project
bad	Q-4605-000819		UIC RD PROJECT-HWY52 SP 5507-64 CHAT	HWY 52	CHATFIELD	Hwy 52 relocations for Chatfield Project SP 5507-64
oad	Q-4605-000820		GUIC-ROAD PROJECT-EMPIRE TOWNSHIP	CHILI, CHEVELLE, 200TH ST	EMPIRE TOWNSHIP	GUIC - ROAD PROJECT - EMPIRE TOWNSHIP - 2019 IMPROVEMENTS
oad	Q-4605-000827		UIC ROAD PROJECT (WELCOME)	4TH, 3RD, 2ND, 1ST, CAMPBELL	WELCOME	GUIC - ROAD PROJECT - WELCOME - 2019 STREET IMPROVEMENTS
bad	Q-4605-000833		SUIC ROAD PROJECT (LAKEVILLE)	HAMBURG AVE	LAKEVILLE	City of Lakeville road project
oad	Q-4605-000834		UIC I-35 AND CSAH 7 ROAD PROJECT	I-35 AND CSAH 7	PINE CITY	State road project
oad	Q-4605-000835		UIC ROAD PROJECT (ALBERT LEA)	NEWTON AVE	ALBERT LEA	8PE, 6PE, 2PE installation along Newton Ave and Washington Ave to abandon main in conflicts for road project
oad	Q-4605-000837		GUIC ROAD RELO HWY 10 PROJECT WADENA	HWY 10	WADENA	INSTALL APPROX 3,400' OF 2" PE MAIN - GMAP (GUIC)
oad oad	Q-4605-000839 Q-4605-000840		JIC NEW VALVE DUE TO 2016 ROAD UIC RD PROJECT-ELGIN 1ST ST SE	JON BROWN DR AND KENWOOD 1ST ST SE	MOOSE LAKE ELGIN	CITY OF MOOSE LAKE ROAD PROJECT
oad	Q-4605-000840 Q-4605-000847			3RD AND 4TH AVE SE	STEWARTVILLE	GMAP - Replace Main due to sidewalk improvements in the City of Elgin, MN.
oad	Q-4605-000847		UIC ROAD PROJECT (STEWARTVILLE) JIC HERMANTOWN DITCHING (LOWER MAIN)	W ARROWHEAD RD & MILLER TRUNK HWY	HERMANTOWN	GUIC Rd Project Replacement for 3rd and 4th Ave SE in Stewartville City lowerine ditch
oad	Q-4605-000849 Q-4605-000850		UIC ROAD PROJECT WINNEBAGO(FAIRMONT)	WINNEBAGO AVE	FAIRMONT	GUIC - ROAD PROJECT - CITY OF FAIRMONT - WINNEBAGO
oad	Q-4605-000854		SUIC ROAD PROJECT (SCOTT COUNTY 8)	COUNTY RD 8	RM-CEDAR LK-JORDAN SD T	GUIC - ROAD PROJECT - SCOTT COUNTY RD 8
oad	Q-4605-000858		GUIC - ROAD PROJECT (ORTONVILLE)	VARIOUS	ORTONVILLE	Replace "220" 2" PE main due to city road project - GUIC.
oad	Q-4605-000859		GUIC ROAD PROJECT (ORTONVILLE)	HAARFAGER AVE, 1ST ST S	CANBY	GUIC - CADA PROJECT - CITY OF CANBY IMPROVEMENTS (PHASE 2, PHASE 1 completed in 2018 WR2738568)
oad	Q-4605-000860		SUIC PARK RAPIDS ROUNDABOUT PHASE 1	HWY 71 AND CR 15	PARK RAPIDS	MN DOT PROJECT
oad	Q-4605-000861		GUIC PARK RAPIDS ROUNDABOUT PHASE 2	HWY 71 AND CR 15	PARK RAPIDS	MN DOT PROJECT
oad	Q-4605-000862		JIC BIWABIK PROJECT-BIWABIK	WEST RAILROAD AVE	BIWABIK	Biwabik road project before blacktop West Railroad.
oad	Q-4605-000863		UIC ROAD PROJECT-4TH ST SW TIE-IN	4TH ST SW	ROCHESTER	Tie in due to the 4th St SW Rd Project
oad	Q-4605-000864		UIC - ROAD PROJECT (RUSHFORD)	VARIOUS	RUSHFORD	Road project relocation in Rushford.
oad	Q-4605-000866		GUIC WEST AVE ROAD PROJECT DETROIT LK	WEST AVE	DETROIT LAKES	Detroit Lakes City project. Water and sewer improvements.
oad	Q-4605-000867		SUIC RELOC MAIN CSAH 15 AND TH 7	CSAH 15 AND TH 71	BEMIDJI	Courty Road Project
oad	Q-4605-000868		UIC-ROAD PROJECT(ALBERT LEA STABLES)	740TH AVE, ITASCA, ELM, VARIOUS	ALBERT LEA	Replacing old steel during road project, replacing to the 60# gas vs 12# for pressure help at the end of the line.
oad	Q-4605-000871		UIC ROAD PROJECT-1ST AVE SE PHASE 2	1ST AVE SE	ROCHESTER	Relocation along 1st Ave SE
oad	Q-4605-000873		GUIC ROAD PROJECT (DAKOTA 50-23)	CSAH 50 (CEDAR TO HOLYOKE)	LAKEVILLE	Dakota County. 6" PE Valve at Highview
oad	Q-4605-000881		GUIC WILLOW ST AND ROOSEVELT RD DL	WILLOW ST AND ROOSEVELT RD	BEMIDJI	City road project
oad	Q-4605-000889		SUIC COUNTY RD 4 ROAD PROJECT	BIRCH	WADENA	Install 75' of 2" steel and 235' of 2" PE main
oad	Q-4605-000890		UIC - ROAD PROJECT (MANTORVILLE)	VARIOUS	MANTORVILLE	2019 Mantorville Road Project unlocateable replacement.
oad	Q-4605-000891		UIC ROAD PROJECT NORTH BRANCH WATER	400TH ST, FLETCHER AND FLINK AVE	NORTH BRANCH	RELOCATE 6"PE FOR CITY PROJECT
oad	Q-4605-000904		UIC HWY 95-HEMMINGWAY ROUNDABOUT	HWY 95	PINE CITY	Removed main from proposed construction of a roundabout
oad	Q-4605-000906	2892699 CL-G	JIC WATER AND SEWER PROJECT CALUMET	6TH AVE AND MORGAN AVE	CALUMET	Install 1,370' of 2" PE Main - GMAP (GUIC)
oad	Q-4605-000908		UIC GRAND RAPIDS 2019 STREET IMPROV	BLOCK 19 ALLY	GRAND RAPIDS	City Alley Project between Pokegama and W 3rd Ave
oad	Q-4605-000911		GUIC - ROAD PROJECT (TRACY)	VARIOUS	TRACY	Replacing ~1460' of PE & WS in various sections due to road project conflicts
oad	Q-4605-000918		GUIC ROAD PROJECT(CREDIT RIVER TWNSP)	NEVADA AVE	CREDIT RIVER TOWNSHIP	Replace ~1,205' PE main due to Township Road Project
oad	Q-4605-000919		UIC RD PROJECT-CSAH 9 RELOCATIONS	CSAH 9	ROCHESTER	Relocations due to road work along CSAH 9 in Rochester. (SP 055-609-019)
oad	Q-4605-000922		JIC 13TH ST REHAB PROJECT CHISHOLM	13TH ST NW AND 5TH AVE NW	CHISHOLM	Chisholm 13th ST NW and 5th Ave NW City water and sewer project.
oad	Q-4605-000923		GUIC - ROAD PROJECT (LAMBERTON)	3RD AVE W & S FIR ST	LAMBERTON	GUIC - ROAD PROJECT - CITY OF LAMBERTON 2019-2020 IMPROVEMENTS
oad	Q-4605-000924	2901828 RO-G	UIC - ROAD PROJECT (SPRING GROVE)	1ST ST NW	SPRING GROVE	Relocations along 1st St NW in Spring Grove
oad	Q-4605-000926		SUIC - BONAIRE PATH EAST (ROSEMOUNT)	BONAIRE PATH	ROSEMOUNT	CITY OF ROSEMOUNT - BONAIRE PATH RECONSTRUCTION
oad	Q-4605-000927		UIC - ROAD PROJECT (HWY 30 RUSHFORD)	STATE HIGHWAY 30	RUSHFORD	Replace ~1,220' 2" PE main due to SP 2305-29 TH 30 in Rushford
oad	Q-4605-000931		UIC - ROAD PROJECT (ZUMBROTA)	EAST AVE	ZUMBROTA	Replace ~745' PE main for road project in Zumbrota
oad	Q-4605-000935	2901894 WA-0	GUIC SEBEKA CSAH 12 PROJECT	CSAH 12 ( MINNESOTA AVE)	SEBEKA	SAP 080-612-011
oad	Q-4605-000936	2901982 RM-0	GUIC - QUARRY ROAD (ROSEMOUNT)	QUARRY ROAD	EAGAN	Pothole current main to verify if 10WS (90#), 8WS (50#), & 2 - 2PE (50#) are in conflict for County Project 28-56
oad	Q-4605-000945	2900909 WA-0	GUIC HWY 32 AND MARK BLVD ROAD PROJ	HWY 32 AND MARK BLVD	THIEF RIVER FALLS	State road project
oad	Q-4605-000946		UIC ROAD PROJECT FAIRFIELD AVE RUSH	CSAH 39-FAIRFIELD AVE	RUSH CITY	County Road Project
oad	Q-4605-000947		UIC 2019 PINE CITY STREET PROJECT	WOODPECKER RIDGE	PINE CITY	INSTALL APPROX 2500' OF 2" PE MAIN - GMAP
oad	Q-4605-000970		GUIC HWY 75 REPLACE (CANBY)	TH 75 & 180TH AVE	CANBY	GUIC replacement ~625' 4" STL.
oad	Q-4605-000971	2914229 CL-G	JIC CHISHOLM ALLEY ROAD PROJECT	6TH ST SW AND 5TH AVE SW	CHISHOLM	City of Chisholm alley project
oad	Q-4605-000976		GUIC ROAD PROJECT DONALD AVE (EAGAN)	DONALD AVENUE	ROSEMOUNT	GUIC - ROAD PROJECT - CITY OF EAGAN - DONALD AVE
oad	Q-4605-000982		D RD 130 RELOCATE 2 PE MAIN RANIER	CO RD 130	RANIER	County Road Project
bad	Q-4605-000987	2919228 PC-W	1ST ST RECONSTRUCTION ROAD PROJECT	W 1ST ST	RUSH CITY	STREET PROJECT
bad	Q-4605-000988		IANNAH AVE AND 30TH ST NW CITY STREE	HANNAH AVE AND 30TH ST NW	BEMIDJI	City of Bemidji Street Project
oad	Q-4605-001010		JIC CLOQUET ROAD PROJECT WASHINGTON	22ND ST AND WASHINGTON	CLOQUET	Cloquet City Road Project
oad	Q-4605-001011		UIC ROAD PROJECT CLAUSEN(ALBERT LEA)	CLAUSEN AVE	ALBERT LEA	GUIC road project replace ~1,775' 2" PE main.
oad	Q-4605-001016	2930877 BM-0	SUIC E WILLOW AND MADISON AVE	E WILLOW AND MADISON	DETROIT LAKES	REPLACE 320' OF 4" STEEL AND 160' 2" STEEL SHALLOW
oad	Q-4605-001017		UIC ROAD PROJECT HILL AVE(WANAMINGO)	HILL AVENUE	WANAMINGO	GUIC road project install ~490' 2" PE main
bad	Q-4605-001027		GUIC 4TH ST AND LABREE	4TH ST AND LABREE	THIEF RIVER FALLS	ABANDON 129' OF 1.25" STEEL MAIN
bad	Q-4605-001028	2933216 RO- 0	GUIC RD PROJECT- 2ND ST NE (KASSON)	2ND AVENUE NE	KASSON	Retire 2" WS gas main due to storm water project.
bad	Q-4605-001033	2935892 RM-0	GUIC-ROAD PROJ- SP1904-31(TH50)	220TH ST E (TH50)	EMPIRE TOWNSHIP	SP1904-31 (EMERGENCY PROJ) Relocate ~800' 2PE for emergency project for MnDOT.
bad	Q-4605-001060		UIC RD PR N LINE ST (WYKOFF)	NORTH LINE ST	WYKOFF	Install 2" PE to replace 2" PE main placed in 1993 due to road project
bad	Q-4605-001063	2940404 RO-G	UIC 15AVE NW CLVRT RELOC (ROCHESTER)	15TH AVE. NW	ROCHESTER	Install ~350' of 2"PE main due to culvert relocation.
oad	Q-4605-001067	2945323 BM-0	SUIC RANDOLPH AND HIGHLAND	RANDOLPH AND HIGHLAND	DETROIT LAKES	Abandon intersection ~400'. Return and install ~ 250' of 6" PE and 150' 4" PE
oad	Q-4605-001083	2948401 RO-G	UIC EYOTA ALLEY- 1ST ST SE (EYOTA)	EYOTA ALLEY	EYOTA	Alley between Center and South Ave relocation due to grading and repaving.
bad	Q-4605-001088	2950597 RO-G	UIC 2ND AVE. NW (BYRON)	2ND STREET	BYRON	Install 4" PE to replace steel
oad	Q-4605-001096		UIC RED WING ST (KENYON)	RED WING AVE	KENYON	Install ~300 4PE to replace ~300' 4WS
ad	Q-4605-001101	2953515 BM-0	GUIC MINNESOTA AND 3RD ST NW	MINNESOTA AND 3RD ST NW	BEMIDJI	City sewer an alley project.
bad	Q-4605-001105	2954360 WA-0	SUIC WADENA BUISNESS PARK SEWER AND W	HOMECREST AVE SE AND COUNTY ROAD 100	WADENA	City of Wadena Sewer and water project.
ad	Q-4605-001119		UIC 14TH ST SE (ZUMBROTA)	14TH	ZUMBROTA	Replace main due to depth across 14th St SE Zumbrota
bad	Q-4605-001126		UIC 16TH ST NE KASSON (KASSON)	16TH ST	KASSON	Relocate main due to road project (SAP 240-109-001)
oad	Q-4605-001137		OAD PROJECT STEWARTVILLE- 398 10THNW	398 NW 10TH ST	STEWARTVILLE	Retrice "65" of 2" Steel
oad	Q-4605-001146		GUIC - CITY OF WANAMINGO - TALL GRA	9TH ST	WANAMINGO	Abardoon "165' of main due to park expansion
oad	Q-4605-001167		UIC-BENIKE ST RR CROSSING/RD PROJECT	BENIKE ST	LEWISTON	Install 4" PE RR Crossing as an extension of the 2018 Rd project along 1st, 2nd, and Benike St

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Project Type	WBS Element	WR #	Project Name	Governmental Entity	Const Complete Date	Total Main Footage	Main Installation Cost	Main Internal Labor Cost	Main Removal Cost	Total Main Cost
Road Road	NA		GUIC - ROAD RELO SVC REPL W/NO MAIN	ASSORTED	VARIOUS	-	\$ - 5		\$ -	
Road	Q-4605-000527 Q-4605-000798		FM-GUIC ROAD PROJ - SOUTH HWY (JACKSON) RM-GUIC ROAD PROJECT-FARMINGTON	Jackson County City of Farmington	6/3/2019 10/22/2019	3,186 6,555	\$ 154,479.24 \$ \$ 163.489.23 \$		\$ 300.12 \$ -	\$ 154,915.39 \$ 163,633.26
Road	Q-4605-000819		RO-GUIC RD PROJECT-HWY52 SP 5507-64 CHAT	MNDOT	9/9/2019	14,370				
Road	Q-4605-000820	2854727	RM-GUIC-ROAD PROJECT-EMPIRE TOWNSHIP	Empire Township	5/31/2019	2,940	\$ 68,003.08	59.88	\$ 240.09	\$ 68,303.05
Road	Q-4605-000827		FM-GUIC ROAD PROJECT (WELCOME)	City of Welcome	6/21/2019	3,394			, , , , , , , , , , , , , , , , , , , ,	
Road Road	Q-4605-000833 Q-4605-000834		RM-GUIC ROAD PROJECT (LAKEVILLE) PC-GUIC I-35 AND CSAH 7 ROAD PROJECT	City of Lakeville MNDOT	7/1/2019 5/13/2019	5,462 559				
Road	Q-4605-000834		FM-GUIC ROAD PROJECT (ALBERT LEA)	City of Albert Lea	10/7/2019	2,783				
Road	Q-4605-000837		WA-GUIC ROAD RELO HWY 10 PROJECT WADENA	MNDOT	9/16/2019	3,418				
Road	Q-4605-000839	2795879	CL-GUIC NEW VALVE DUE TO 2016 ROAD	City of Moose Lake	7/9/2019	2	\$ 1,167.57	0.82	\$ -	\$ 1,168.39
Road	Q-4605-000840		RO-GUIC RD PROJECT-ELGIN 1ST ST SE	City of Elgin	4/18/2019	475				
Road	Q-4605-000847		RO-GUIC ROAD PROJECT (STEWARTVILLE)	City of Stewartville	7/19/2019	6,508				
Road Road	Q-4605-000849 Q-4605-000850		CL-GUIC HERMANTOWN DITCHING (LOWER MAIN) FM-GUIC ROAD PROJECT WINNEBAGO(FAIRMONT)	City of Hermantown City of Fairmont	8/13/2019 10/28/2019	4 3.040				
Road	Q-4605-000850		RM-GUIC ROAD PROJECT (SCOTT COUNTY 8)	Scott County	7/19/2019	2,291				
Road	Q-4605-000858		WO-GUIC - ROAD PROJECT (ORTONVILLE)	City of Ortonville	5/29/2019	207				
Road	Q-4605-000859		WO-GUIC ROAD PROJECT PHASE 2 (CANBY)	City of Canby	6/21/2019	275				
Road	Q-4605-000860		WA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1	MNDOT	10/5/2019	2,152				
Road Road	Q-4605-000861 Q-4605-000862		WA- GUIC PARK RAPIDS ROUNDABOUT PHASE 2 CL-GUIC BIWABIK PROJECT-BIWABIK	MNDOT City of Biwabik	7/1/2019 4/25/2019	2,370 359				
Road	Q-4605-000862		RO-GUIC BIWABIK PROJECT-BIWABIK RO-GUIC ROAD PROJECT-4TH ST SW TIE-IN	City of Rochester	4/15/2019	27				\$ 20,763.79
Road	Q-4605-000864		RO-GUIC - ROAD PROJECT (RUSHFORD)	City of Rushford	6/24/2019	4,849				
Road	Q-4605-000866	2873941	BM-GUIC WEST AVE ROAD PROJECT DETROIT LK	City of Detroit Lakes	10/24/2019	5,183	\$ 134,778.94	118.69	\$ 1,038.43	\$ 135,936.06
Road	Q-4605-000867		BM-GUIC RELOC MAIN CSAH 15 AND TH 7	Beltrami County	5/31/2019	466				
Road	Q-4605-000868		FM-GUIC-ROAD PROJECT(ALBERT LEA STABLES)	City of Albert Lea	6/21/2019	7,973				
Road Road	Q-4605-000871 Q-4605-000873		RO-GUIC ROAD PROJECT-1ST AVE SE PHASE 2 RM-GUIC ROAD PROJECT (DAKOTA 50-23)	City of Rochester Dakota County	9/23/2019 11/12/2019	646	\$ 44,592.89 \$ 177,027.69			
Road	Q-4605-000873		BM-GUIC WILLOW ST AND ROOSEVELT RD DL	City of Bemidji	6/3/2019	2,799				
Road	Q-4605-000889		WA-GUIC COUNTY RD 4 ROAD PROJECT	Wadena County	5/8/2019	177				
Road	Q-4605-000890	2891281	RO-GUIC - ROAD PROJECT (MANTORVILLE)	City of Mantorville	5/28/2019	1,078	\$ 24,114.49	2,625.67	\$ -	\$ 26,740.16
Road	Q-4605-000891		PC-GUIC ROAD PROJECT NORTH BRANCH WATER	City of North Branch	5/31/2019	1,717				
Road	Q-4605-000904		PC-GUIC HWY 95-HEMMINGWAY ROUNDABOUT	MNDOT	6/12/2019	236				
Road Road	Q-4605-000906 Q-4605-000908		CL-GUIC WATER AND SEWER PROJECT CALUMET CL- GUIC GRAND RAPIDS 2019 STREET IMPROV	City of Calumet City of Grand Rapids	7/8/2019 6/20/2019	1,355				\$ 29,481.27 \$ 27,948.48
Road	Q-4605-000911		WO-GUIC - ROAD PROJECT (TRACY)	City of Tracy	8/13/2019	1,213				
Road	Q-4605-000918		RM-GUIC ROAD PROJECT (CREDIT RIVER TWNSP)	Credit River Township	7/22/2019	1,223				
Road	Q-4605-000919	2899053	RO-GUIC RD PROJECT-CSAH 9 RELOCATIONS	MNDOT	11/5/2019	7,278	\$ 469,123.01			
Road	Q-4605-000922		CL-GUIC 13TH ST REHAB PROJECT CHISHOLM	City of Chisholm	6/14/2019	2,178			\$ 270.11	
Road	Q-4605-000923		WO-GUIC - ROAD PROJECT (LAMBERTON)	City of Lamberton	6/11/2019	85				
Road Road	Q-4605-000924 Q-4605-000926		RO-GUIC - ROAD PROJECT (SPRING GROVE) RM-GUIC - BONAIRE PATH EAST (ROSEMOUNT)	City of Spring Grove City of Rosemount	8/2/2019 6/14/2019	1,160 820				\$ 39,792.85 \$ 14.557.29
Road	Q-4605-000926		RO-GUIC - ROAD PROJECT (HWY 30 RUSHFORD)	MNDOT	7/18/2019	1.297				
Road	Q-4605-000931		RO-GUIC - ROAD PROJECT (ZUMBROTA)	City of Zumbrota	8/3/2019	964				
Road	Q-4605-000935	2901894	WA-GUIC SEBEKA CSAH 12 PROJECT	MNDOT	6/13/2019	586	\$ 11,214.71	7.85	\$ 270.11	\$ 11,492.67
Road	Q-4605-000936		RM-GUIC - QUARRY ROAD (ROSEMOUNT)	Dakota County	6/11/2019	685				
Road	Q-4605-000945		WA-GUIC HWY 32 AND MARK BLVD ROAD PROJ	MNDOT	7/31/2019	374				
Road Road	Q-4605-000946 Q-4605-000947		PC-GUIC ROAD PROJECT FAIRFIELD AVE RUSH PC-GUIC 2019 PINE CITY STREET PROJECT	Chisago County City of Pine City	6/17/2019 9/16/2019	333 3.445				
Road	Q-4605-000970		WO-GUIC HWY 75 REPLACE (CANBY)	MNDOT	10/7/2019	774				
Road	Q-4605-000971		CL-GUIC CHISHOLM ALLEY ROAD PROJECT	City of Chisholm	7/23/2019	390				
Road	Q-4605-000976		RM-GUIC ROAD PROJECT DONALD AVE (EAGAN)	City of Eagan	10/31/2019	2,564				
Road	Q-4605-000982		CL-CO RD 130 RELOCATE 2 PE MAIN RANIER	Itasca County	7/2/2019	140				
Road	Q-4605-000987		PC-W 1ST ST RECONSTRUCTION ROAD PROJECT	City of Rush City	7/29/2019	23				
Road Road	Q-4605-000988 Q-4605-001010		BM-HANNAH AVE AND 30TH ST NW CITY STREE	City of Bemidji Elgin Township	7/26/2019 7/22/2019	187 20				
Road	Q-4605-001010		FM-GUIC ROAD PROJECT CLAUSEN(ALBERT LEA)	City of Albert Lea	7/30/2019	1.316	-,			
Road	Q-4605-001016		BM-GUIC E WILLOW AND MADISON AVE	City of Detroit Lakes	8/12/2019	456				
Road	Q-4605-001017	2931395	RO-GUIC ROAD PROJECT HILL AVE(WANAMINGO)	City of Wanamingo	8/19/2019	542			\$-	\$ 11,240.42
Road	Q-4605-001027		WA-GUIC 4TH ST AND LABREE	City of Thief River Falls	8/12/2019		\$ 871.19			
Road	Q-4605-001028		RO- GUIC RD PROJECT- 2ND ST NE (KASSON)	City of Kasson	8/26/2019	- 447				
Road	Q-4605-001033 Q-4605-001060		RM-GUIC-ROAD PROJ- SP1904-31(TH50) RO-GUIC RD PR N LINE ST (WYKOFF)	MNDOT Fillmore County	8/12/2019 11/17/2019	447				
Road	Q-4605-001060		RO-GUIC 15AVE NW CLVRT RELOC (ROCHESTER)	City of Rochester	9/30/2019	335	+ ,	,		
Road	Q-4605-001067		BM-GUIC RANDOLPH AND HIGHLAND	City of Detroit Lakes	10/7/2019	683				
Road	Q-4605-001083	2948401	RO-GUIC EYOTA ALLEY- 1ST ST SE (EYOTA)	City of Eyota	9/30/2019	312	\$ 9,675.24	9.67	\$ 360.26	\$ 10,045.17
Road	Q-4605-001088		RO-GUIC 2ND AVE. NW (BYRON)	City of Byron	10/7/2019	646				
Road	Q-4605-001096		RO-GUIC RED WING ST (KENYON)	City of Kenyon	11/8/2019	295		,		
Road	Q-4605-001101 Q-4605-001105		BM-GUIC MINNESOTA AND 3RD ST NW WA-GUIC WADENA BUISNESS PARK SEWER AND W	City of Bemidji City of Wadena	10/14/2019 9/23/2019	248				
Road	Q-4605-001105		RO-GUIC 14TH ST SE (ZUMBROTA)	City of Zumbrota	10/21/2019	- 92			+	\$ 2,003.18
Road	Q-4605-001115		RO-GUIC 16TH ST NE KASSON (KASSON)	City of Kasson	10/14/2019	127				
Road	Q-4605-001137	2973444	RO-ROAD PROJECT STEWARTVILLE- 398 10THNW	Olmsted County	10/30/2019		\$ 4,869.94	765.28	\$ -	\$ 5,635.22
Road	Q-4605-001146		RO - GUIC - CITY OF WANAMINGO - TALL GRA	City of Wanamingo	11/4/2019		\$ 1,070.21			\$ 1,247.74
Road	Q-4605-001167	2989825	RO-GUIC-BENIKE ST RR CROSSING/RD PROJECT	City of Lewiston	12/1/2019	252				\$ 27,954.58
	Total					122,636	\$ 4,433,186.69	158,457.34	\$ 67,792.18	\$ 4,659,436.21

122,636 \$ 4,433,186.69 \$ 158,457.34 \$ 67,792.18 \$ 4,659,436.21

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bad         NA           cad         Q.4605-000798           cad         Q.4605-000798           cad         Q.4605-000820           cad         Q.4605-000820           cad         Q.4605-000820           cad         Q.4605-000820           cad         Q.4605-000820           cad         Q.4605-000831           cad         Q.4605-000835           cad         Q.4605-000839           cad         Q.4605-000849           cad         Q.4605-000849           cad         Q.4605-000849           cad         Q.4605-000850           cad         Q.4605-000851           cad         Q.4605-000852           cad         Q.4605-000851           cad         Q.4605-000851           cad         Q.4605-000851           cad         Q.4605-000851           cad         Q.4605-000851 </th <th>WBS Element</th> <th>WR #</th> <th>Project Name</th> <th>Number of Service Lines</th> <th>Total Service Line Footage</th> <th>Service Install Cost</th> <th>Total Project Cost</th> <th>Notes</th>	WBS Element	WR #	Project Name	Number of Service Lines	Total Service Line Footage	Service Install Cost	Total Project Cost	Notes
aad         Q.4605,000798           aad         Q.4605,000819           aad         Q.4605,000819           aad         Q.4605,000820           aad         Q.4605,000821           aad         Q.4605,000831           aad         Q.4605,000831           aad         Q.4605,000831           aad         Q.4605,000831           aad         Q.4605,000831           aad         Q.4605,000849           aad         Q.4605,000849           aad         Q.4605,000849           aad         Q.4605,000849           aad         Q.4605,000851           aad         Q.4605,000852           aad         Q.4605,000852           aad         Q.4605,000852           aad         Q.4605,000852           aad         Q.4605,000852           aad         Q.4605,000851           aad         Q.4605,000851<			GUIC - ROAD RELO SVC REPL W/NO MAIN	19	2,301			
abad     Q.4605-000827)       abad     Q.4605-000827)       abad     Q.4605-000827)       abad     Q.4605-000833       abad     Q.4605-000834       abad     Q.4605-000834       abad     Q.4605-000837       abad     Q.4605-000834       abad     Q.4605-000834       abad     Q.4605-000837       abad     Q.4605-000840       abad     Q.4605-000840       abad     Q.4605-000854       abad     Q.4605-000854       abad     Q.4605-000858       abad     Q.4605-000858       abad     Q.4605-000858       abad     Q.4605-000850       abad     Q.4605-000858       abad     Q.4605-000858       abad     Q.4605-000858       abad     Q.4605-000858       abad     Q.4605-000867       abad     Q.4605-000868       abad     Q.4605-000868       abad     Q.4605-000868       abad     Q.4605-000873       abad     Q.4605-000881       abad     Q.4605-000881       abad     Q.4605-000981       abad     Q.4605-000981       abad     Q.4605-000981       abad     Q.4605-000981       abad     Q.4605-000981			FM-GUIC ROAD PROJ - SOUTH HWY (JACKSON)	4	533			
aid         Q.4605-000827           aid         Q.4605-000837           aid         Q.4605-000833           aid         Q.4605-000839           aid         Q.4605-000847           aid         Q.4605-000850           aid         Q.4605-000851           aid         Q.4605-000851           aid         Q.4605-000861           aid         Q.4605-000871           aid         Q.4605-000861<			RM-GUIC ROAD PROJECT-FARMINGTON	82		\$ 158,883.85		
add         Q.4605-000327           add         Q.4605-000333           add         Q.4605-000337           add         Q.4605-000337           add         Q.4605-000337           add         Q.4605-000337           add         Q.4605-000337           add         Q.4605-000337           add         Q.4605-000347           add         Q.4605-000340           add         Q.4605-000841           add         Q.4605-000858           add         Q.4605-000858           add         Q.4605-000858           add         Q.4605-000861           add         Q.4605-000873           add         Q.4605-000873           add         Q.4605-000873           add         Q.4605-000981           add         Q.4605-000981<			RO-GUIC RD PROJECT-HWY52 SP 5507-64 CHAT	61	6,113			
aad         Q 4605-000333           aad         Q 4605-000344           aad         Q 4605-000334           aad         Q 4605-000339           aad         Q 4605-000391           aad         Q 4605-000391           aad         Q 4605-000847           aad         Q 4605-000847           aad         Q 4605-000847           aad         Q 4605-000850           aad         Q 4605-000850           aad         Q 4605-000851           aad         Q 4605-000851           aad         Q 4605-000861           aad         Q 4605-000861<			RM-GUIC-ROAD PROJECT-EMPIRE TOWNSHIP	42	3,165			
aad         Q 4605-000835           aad         Q 4605-000837           aad         Q 4605-000847           aad         Q 4605-000840           aad         Q 4605-000859           aad         Q 4605-000861           aad         Q 4605-000861           aad         Q 4605-000861           aad         Q 4605-000871           aad         Q 4605-000918           aad         Q 4605-000918           aad         Q 4605-000918<			FM-GUIC ROAD PROJECT (WELCOME)	5	183			
aad         Q 4605-000837           aad         Q 4605-000837           baad         Q 4605-000837           baad         Q 4605-000847           baad         Q 4605-000851           baad         Q 4605-000853           baad         Q 4605-000853           baad         Q 4605-000861           baad         Q 4605-000862           baad         Q 4605-000862           baad         Q 4605-000863           baad         Q 4605-000873           baad         Q 4605-000863           baad         Q 4605-000873           baad         Q 4605-000974           baad         Q 4605-000974           baad         Q 4605-000924           baad         Q 4605-000924           baad			RM-GUIC ROAD PROJECT (LAKEVILLE)	12	992	\$ 26,310.99		
aad         Q 4605-000839           aad         Q 4605-000849           aad         Q 4605-000851           aad         Q 4605-000852           aad         Q 4605-000851           aad         Q 4605-000852           aad         Q 4605-000852           aad         Q 4605-000862           aad         Q 4605-000861           aad         Q 4605-000862           aad         Q 4605-000862           aad         Q 4605-000867           aad         Q 4605-000873           aad         Q 4605-000873           aad         Q 4605-000873           aad         Q 4605-000918           aad         Q 4605-000918           aad         Q 4605-000918           aad         Q 4605-000918           aad         Q 4605-000918<			PC-GUIC I-35 AND CSAH 7 ROAD PROJECT FM-GUIC ROAD PROJECT (ALBERT LEA)	2	- 347	\$ - : \$ 6,557.00		
aad         Q 4605-000839           aad         Q 4605-000840           baad         Q 4605-000840           baad         Q 4605-000840           baad         Q 4605-000850           baad         Q 4605-000850           baad         Q 4605-000851           baad         Q 4605-000851           baad         Q 4605-000852           baad         Q 4605-000862           baad         Q 4605-000862           baad         Q 4605-000862           baad         Q 4605-000863           baad         Q 4605-000863           baad         Q 4605-000864           baad         Q 4605-000864           baad         Q 4605-000863           baad         Q 4605-000863           baad         Q 4605-000874           baad         Q 4605-000871           baad         Q 4605-000981           baad         Q 4605-000918           baad         Q 4605-000918           baad         Q 4605-000924           baad         Q 4605-000924           baad         Q 4605-000926           baad         Q 4605-000927           baad         Q 4605-000927           baad			WA-GUIC ROAD PROJECT (ALBERT LEA)	10		\$ 43,629.79		
abad         Q.4605-000847           abad         Q.4605-000847           bad         Q.4605-000849           abad         Q.4605-000854           abad         Q.4605-000854           abad         Q.4605-000854           abad         Q.4605-000854           abad         Q.4605-000854           abad         Q.4605-000854           abad         Q.4605-000851           abad         Q.4605-000861           abad         Q.4605-000861           abad         Q.4605-000861           abad         Q.4605-000861           abad         Q.4605-000861           abad         Q.4605-000861           abad         Q.4605-000871           abad         Q.4605-000871           abad         Q.4605-000891           abad         Q.4605-000891           abad         Q.4605-000911           abad         Q.4605-000911           abad         Q.4605-000912           abad         Q.4605-000922           abad         Q.4605-000922           abad         Q.4605-000922           abad         Q.4605-000923           abad         Q.4605-000922           abad <td></td> <td></td> <td>CL-GUIC NEW VALVE DUE TO 2016 ROAD</td> <td>10</td> <td></td> <td>\$ -</td> <td></td> <td></td>			CL-GUIC NEW VALVE DUE TO 2016 ROAD	10		\$ -		
aid         C.4605-000847           aid         C.4605-000849           aid         C.4605-000850           aid         C.4605-000850           aid         C.4605-000851           aid         C.4605-000851           aid         C.4605-000851           aid         C.4605-000851           aid         C.4605-000861           aid         C.4605-000861           aid         C.4605-000861           aid         C.4605-000861           aid         C.4605-000861           aid         C.4605-000861           aid         C.4605-000871           aid         C.4605-000873           aid         C.4605-000873           aid         C.4605-000873           aid         C.4605-000873           aid         C.4605-000918           aid         C.4605-000918           aid         C.4605-000918           aid         C.4605-000918           aid         C.4605-000918           aid         C.4605-000912           aid         C.4605-000926           aid         C.4605-000926           aid         C.4605-000926           aid         C.4605-000926<			RO-GUIC NEW VALVE DOE TO 2018 ROAD	0		s - :		
ad         Q.4605:000850           ad         Q.4605:000850           ad         Q.4605:000850           ad         Q.4605:000851           ad         Q.4605:000851           ad         Q.4605:000851           ad         Q.4605:000851           ad         Q.4605:000861           ad         Q.4605:000861           ad         Q.4605:000861           ad         Q.4605:000861           ad         Q.4605:000861           ad         Q.4605:000861           ad         Q.4605:000871           ad         Q.4605:00081           ad         Q.4605:00081           ad         Q.4605:000931           ad         Q.4605:000931           ad         Q.4605:000931           ad         Q.4605:000918           ad         Q.4605:000918           ad         Q.4605:000918           ad         Q.4605:000918           ad         Q.4605:000923           ad         Q.4605:000924           ad         Q.4605:000923           ad         Q.4605:000924           ad         Q.4605:000924           ad         Q.4605:000924			RO-GUIC ROAD PROJECT (STEWARTVILLE)	50	1,994			
aad         Q.4605-000854           aad         Q.4605-000854           baad         Q.4605-000854           baad         Q.4605-000854           baad         Q.4605-000859           baad         Q.4605-000860           baad         Q.4605-000861           baad         Q.4605-000871           baad         Q.4605-000873           baad         Q.4605-000891           baad         Q.4605-000930           baad         Q.4605-000931           baad         Q.4605-000931           baad         Q.4605-000931           baad         Q.4605-000918           baad         Q.4605-000913           baad         Q.4605-000913           baad         Q.4605-000922           baad         Q.4605-000923           baad         Q.4605-000923           baad         Q.4605-000931           baad         Q.4605-000931           baad			CL-GUIC HERMANTOWN DITCHING (LOWER MAIN)	0		\$ 73,557.78		
ad         C.4605-000854           add         C.4605-000859           add         C.4605-000859           add         C.4605-000861           add         C.4605-000881           add         C.4605-000881           add         C.4605-000881           add         C.4605-000891           add         C.4605-000931           add         C.4605-000931           add         C.4605-000931           add         C.4605-000922           add         C.4605-000923           add         C.4605-000923 </td <td></td> <td></td> <td>FM-GUIC ROAD PROJECT WINNEBAGO(FAIRMONT)</td> <td>13</td> <td></td> <td>\$ 25,501.23</td> <td></td> <td></td>			FM-GUIC ROAD PROJECT WINNEBAGO(FAIRMONT)	13		\$ 25,501.23		
aid         C.4605-000859           aid         C.4605-000859           aid         C.4605-000859           aid         C.4605-000859           aid         C.4605-000860           aid         C.4605-000861           aid         C.4605-000862           aid         C.4605-000861           aid         C.4605-000861           aid         C.4605-000861           aid         C.4605-000861           aid         C.4605-000871           aid         C.4605-000871           aid         C.4605-000871           aid         C.4605-000871           aid         C.4605-000871           aid         C.4605-000891           aid         C.4605-000913           aid         C.4605-000913           aid         C.4605-000914           aid         C.4605-000918           aid         C.4605-000918           aid         C.4605-000918           aid         C.4605-000918           aid         C.4605-000922           aid         C.4605-000923           aid         C.4605-000924           aid         C.4605-000924           aid         C.4605-000924<			RM-GUIC ROAD PROJECT (SCOTT COUNTY 8)	13		\$ 1,594.79		
abad         C.4605-000850           abad         C.4605-000860           abad         C.4605-000860           abad         C.4605-000861           abad         C.4605-000863           abad         C.4605-000863           abad         C.4605-000863           abad         C.4605-000863           abad         C.4605-000863           abad         C.4605-000863           abad         C.4605-000873           abad         C.4605-000873           abad         C.4605-000891           abad         C.4605-000981           abad         C.4605-000981           abad         C.4605-000981           abad         C.4605-000918           abad         C.4605-000918           abad         C.4605-000924           abad         C.4605-000924           abad         C.4605-000924           abad         C.4605-000926           abad         C.4605-000927           abad         C.4605-000927           abad         C.4605-000927           abad         C.4605-000927           abad         C.4605-000927           abad         C.4605-000927           abad <td></td> <td></td> <td>WO-GUIC - ROAD PROJECT (ORTONVILLE)</td> <td>1</td> <td></td> <td>\$ - :</td> <td></td> <td></td>			WO-GUIC - ROAD PROJECT (ORTONVILLE)	1		\$ - :		
add         Q.4665-000860           add         Q.4665-000861           add         Q.4665-000862           add         Q.4605-000862           add         Q.4605-000862           add         Q.4605-000862           add         Q.4605-000862           add         Q.4605-000862           add         Q.4605-000867           add         Q.4605-000871           add         Q.4605-000871           add         Q.4605-000881           add         Q.4605-000891           add         Q.4605-000981           add         Q.4605-000981           add         Q.4605-000918           add         Q.4605-000918           add         Q.4605-000918           add         Q.4605-000918           add         Q.4605-000918           add         Q.4605-000918           add         Q.4605-000922           add         Q.4605-000923           add         Q.4605-000924           add         Q.4605-000924           add         Q.4605-000924           add         Q.4605-000924           add         Q.4605-000924           add         Q.4605-000924<			WO-GUIC ROAD PROJECT (DRTONVILLE) WO-GUIC ROAD PROJECT PHASE 2 (CANBY)	0		s - :		
ad         Q.4605-000861           ad         Q.4605-000862           ad         Q.4605-000863           ad         Q.4605-000864           ad         Q.4605-000866           ad         Q.4605-000866           ad         Q.4605-000866           ad         Q.4605-000866           ad         Q.4605-000886           ad         Q.4605-000873           ad         Q.4605-000881           ad         Q.4605-000891           ad         Q.4605-000891           ad         Q.4605-000981           ad         Q.4605-000981           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000922           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000926           ad         Q.4605-000926           ad         Q.4605-000927			WA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1	9	1,412	Ŷ		
ad         Q.4605-000862           ad         Q.4605-000863           ad         Q.4605-000863           ad         Q.4605-000864           ad         Q.4605-000867           ad         Q.4605-000867           ad         Q.4605-000867           ad         Q.4605-000871           ad         Q.4605-000881           ad         Q.4605-000881           ad         Q.4605-000881           ad         Q.4605-000890           ad         Q.4605-000981           ad         Q.4605-000981           ad         Q.4605-000911           ad         Q.4605-000911           ad         Q.4605-000911           ad         Q.4605-000922           ad         Q.4605-000923           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924			WA-GUIC PARK RAPIDS ROUNDABOUT PHASE 2	0	1,412	\$ -		
ad         Q.4605-000863           ad         Q.4605-000864           ad         Q.4605-000866           ad         Q.4605-000866           ad         Q.4605-000867           ad         Q.4605-000868           ad         Q.4605-000871           ad         Q.4605-000873           ad         Q.4605-000891           ad         Q.4605-000891           ad         Q.4605-000891           ad         Q.4605-000904           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000918           ad         Q.4605-000913           ad         Q.4605-000922           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000926           ad         Q.4605-000926           ad         Q.4605-000926           ad         Q.4605-000926           ad         Q.4605-000926			CL-GUIC BIWABIK PROJECT-BIWABIK	2	- 89			
ad         Q.4605-000864           ad         Q.4605-000866           ad         Q.4605-000866           ad         Q.4605-000867           ad         Q.4605-000868           ad         Q.4605-000871           ad         Q.4605-000881           ad         Q.4605-000881           ad         Q.4605-000881           ad         Q.4605-000891           ad         Q.4605-000891           ad         Q.4605-000904           ad         Q.4605-000914           ad         Q.4605-000913           ad         Q.4605-000911           ad         Q.4605-000922           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000926           ad         Q.4605-000927			RO-GUIC ROAD PROJECT-4TH ST SW TIE-IN	2		\$ 2,770.64		
ad         Q.4605-000867           ad         Q.4605-000871           ad         Q.4605-000871           ad         Q.4605-000873           ad         Q.4605-000871           ad         Q.4605-000871           ad         Q.4605-000871           ad         Q.4605-000873           ad         Q.4605-000891           ad         Q.4605-000891           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000924           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-0000924			RO-GUIC ROAD PROJECT-4TH ST SW TIE-IN RO-GUIC - ROAD PROJECT (RUSHFORD)	35	- 1,866	•		
ad         Q.4665-000867           ad         Q.4665-000871           ad         Q.4665-000873           ad         Q.4665-000873           ad         Q.4665-000873           ad         Q.4665-000871           ad         Q.4665-000871           ad         Q.4665-000881           ad         Q.4665-000881           ad         Q.4665-000981           ad         Q.4665-000908           ad         Q.4665-000908           ad         Q.4665-000918           ad         Q.4665-000918           ad         Q.4665-000923           ad         Q.4665-000923           ad         Q.4665-000923           ad         Q.4665-000923           ad         Q.4665-000923           ad         Q.4665-000924           ad         Q.4665-000923           ad         Q.4665-000924           ad         Q.4665-000923           ad         Q.4665-000924           ad         Q.4665-000924           ad         Q.4665-000924           ad         Q.4665-000924           ad         Q.4665-000924           ad         Q.4665-0000945			BM-GUIC - ROAD PROJECT (RUSHFORD)	35	6,302			
add         Q.4605-000868           add         Q.4605-000871           add         Q.4605-000871           add         Q.4605-000881           add         Q.4605-000889           add         Q.4605-000891           add         Q.4605-000891           add         Q.4605-000904           add         Q.4605-000904           add         Q.4605-000908           add         Q.4605-000911           add         Q.4605-000918           add         Q.4605-000918           add         Q.4605-000922           add         Q.4605-000923           add         Q.4605-000923           add         Q.4605-000924           add         Q.4605-000924           add         Q.4605-000935           add         Q.4605-000936           add         Q.4605-000193<			BM-GUIC WEST AVE ROAD PROJECT DE IROTT ER BM-GUIC RELOC MAIN CSAH 15 AND TH 7	/1		\$ 100,344.89 \$ -		
ad         Q.4665-000871           ad         Q.4665-000873           ad         Q.4665-000881           ad         Q.4665-000881           ad         Q.4605-000890           ad         Q.4605-000890           ad         Q.4605-000901           ad         Q.4605-000904           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000927           ad         Q.4605-000927           ad         Q.4605-000971           ad         Q.4605-0001027			BM-GUIC RELOC MAIN CSAH 15 AND TH 7 FM-GUIC-ROAD PROJECT(ALBERT LEA STABLES)	36				
ad         Q.4605-000873           ad         Q.4605-000881           ad         Q.4605-000889           ad         Q.4605-000891           ad         Q.4605-000891           ad         Q.4605-000991           ad         Q.4605-000991           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000911           ad         Q.4605-000912           ad         Q.4605-000922           ad         Q.4605-000922           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000935           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000937           ad         Q.4605-000976           ad         Q.4605-000976           ad         Q.4605-000976           ad         Q.4605-0001011			RO-GUIC ROAD PROJECT (ALBERT LEA STABLES) RO-GUIC ROAD PROJECT-1ST AVE SE PHASE 2	36	2,591	\$ 61,064.50 \$ -		
ad         C.4605-000881           ad         C.4605-000890           ad         C.4605-000891           ad         C.4605-000891           ad         C.4605-000964           ad         C.4605-000906           ad         C.4605-000908           ad         C.4605-000908           ad         C.4605-000918           ad         C.4605-000918           ad         C.4605-000921           ad         C.4605-000922           ad         C.4605-000924           ad         C.4605-000924           ad         C.4605-000924           ad         C.4605-000924           ad         C.4605-000926           ad         C.4605-000926           ad         C.4605-000926           ad         C.4605-000927           ad         C.4605-000926           ad         C.4605-000927           ad         C.4605-0000926			RM-GUIC ROAD PROJECT (DAKOTA 50-23)	0		\$ - :		
ad         Q.4605-000889           ad         Q.4605-000890           ad         Q.4605-000904           ad         Q.4605-000904           ad         Q.4605-000904           ad         Q.4605-000908           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000919           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000945           ad         Q.4605-000946           ad         Q.4605-000970           ad         Q.4605-000970           ad         Q.4605-0001071			BM-GUIC ROAD PROJECT (DAROTA 50-23) BM-GUIC WILLOW ST AND ROOSEVELT RD DL	39	3,334			
ad         Q.4605-000890           ad         Q.4605-000904           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000921           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000931           ad         Q.4605-000931           ad         Q.4605-000931           ad         Q.4605-000931           ad         Q.4605-000931           ad         Q.4605-000931           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-0009376           ad         Q.4605-0009376           ad         Q.4605-0009382           ad         Q.4605-000133           ad         Q.4605-001017           ad         Q.4605-0010127           ad         Q.4605-001013			WA-GUIC COUNTY RD 4 ROAD PROJECT	39	3,334			
ad         Q.4605-000991           ad         Q.4605-000904           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000908           ad         Q.4605-000911           ad         Q.4605-000913           ad         Q.4605-000923           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000935           ad         Q.4605-000936           ad         Q.4605-000946           ad         Q.4605-000976           ad         Q.4605-000976           ad         Q.4605-0001081			RO-GUIC - ROAD PROJECT (MANTORVILLE)	2		\$ 11,626.26		
ad         Q.4605-000904           ad         Q.4605-000908           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000931           ad         Q.4605-000936           ad         Q.4605-000976           ad         Q.4605-000976           ad         Q.4605-000163           ad         Q.4605-0001081			PC-GUIC ROAD PROJECT (MANTORVILLE)	0		\$ 11,020.20		
ad         Q.4605-000906           ad         Q.4605-000911           ad         Q.4605-000913           ad         Q.4605-000911           ad         Q.4605-000913           ad         Q.4605-000913           ad         Q.4605-000923           ad         Q.4605-000923           ad         Q.4605-000923           ad         Q.4605-000923           ad         Q.4605-000927           ad         Q.4605-000931           ad         Q.4605-000933           ad         Q.4605-000934           ad         Q.4605-000935           ad         Q.4605-000934           ad         Q.4605-000935           ad         Q.4605-000945           ad         Q.4605-000945           ad         Q.4605-000970           ad         Q.4605-0000970			PC-GUIC HWY 95-HEMMINGWAY ROUNDABOUT	0		\$ - 1		
ad         Q.4605-000908           ad         Q.4605-000918           ad         Q.4605-000911           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000918           ad         Q.4605-000921           ad         Q.4605-000922           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000927           ad         Q.4605-000931           ad         Q.4605-000936           ad         Q.4605-000937           ad         Q.4605-000937           ad         Q.4605-000937           ad         Q.4605-000937           ad         Q.4605-000937           ad         Q.4605-000937           ad         Q.4605-000976           ad         Q.4605-000976           ad         Q.4605-000107           ad         Q.4605-0010110			CL-GUIC WATER AND SEWER PROJECT CALUMET	16	1,320			
ad         C.4605-000911           ad         C.4605-000918           ad         C.4605-000923           ad         C.4605-000924           ad         C.4605-000923           ad         C.4605-000935           ad         C.4605-000935           ad         C.4605-000936           ad         C.4605-000946           ad         C.4605-000947           ad         C.4605-001011			CL-GUIC GRAND RAPIDS 2019 STREET IMPROV	10	1,320			
ad         Q.4605-000918           ad         Q.4605-000919           ad         Q.4605-000922           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000927           ad         Q.4605-000927           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000946           ad         Q.4605-000947           ad         Q.4605-000946           ad         Q.4605-0001011			WO-GUIC - ROAD PROJECT (TRACY)	13				
ad         Q.4605-000919           ad         Q.4605-000922           ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000926           ad         Q.4605-000927           ad         Q.4605-000926           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000937           ad         Q.4605-000970           ad         Q.4605-000971           ad         Q.4605-001011           ad         Q.4605-001012           ad         Q.4605-001012           ad         Q.4605-001013           ad         Q.4605-001013			RM-GUIC - ROAD PROJECT (TRACY) RM-GUIC ROAD PROJECT(CREDIT RIVER TWNSP)	0		\$ - : \$ 3,397.19		
ad         Q.4605.000922           ad         Q.4605.000923           ad         Q.4605.000924           ad         Q.4605.000924           ad         Q.4605.000927           ad         Q.4605.000927           ad         Q.4605.000935           ad         Q.4605.000936           ad         Q.4605.000935           ad         Q.4605.000936           ad         Q.4605.000936           ad         Q.4605.000946           ad         Q.4605.000947           ad         Q.4605.000970           ad         Q.4605.000976           ad         Q.4605.000163           ad         Q.4605.001011           ad         Q.4605.001027           ad         Q.4605.001028           ad         Q.4605.001028			RO-GUIC RD PROJECT(CREDIT RIVER TWINSP)	0	-			
ad         Q.4605-000923           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000924           ad         Q.4605-000931           ad         Q.4605-000931           ad         Q.4605-000931           ad         Q.4605-000931           ad         Q.4605-000934           ad         Q.4605-000946           ad         Q.4605-000946           ad         Q.4605-000946           ad         Q.4605-000970           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000183           ad         Q.4605-000183           ad         Q.4605-001011           ad         Q.4605-001017           ad         Q.4605-001017           ad         Q.4605-001017           ad         Q.4605-001017           ad         Q.4605-001013           ad         Q.4605-001033           ad         Q.4605-001033           ad         Q.4605-001033           ad         Q.4605-001033           ad         Q.4605-001033			CL-GUIC 13TH ST REHAB PROJECT CHISHOLM	0	1,523	•	+	
ad         Q.4605-000924           ad         Q.4605-000926           ad         Q.4605-000927           ad         Q.4605-000931           ad         Q.4605-000935           ad         Q.4605-000935           ad         Q.4605-000935           ad         Q.4605-000935           ad         Q.4605-000945           ad         Q.4605-000947           ad         Q.4605-000970           ad         Q.4605-000971           ad         Q.4605-000971           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000983           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001028           ad         Q.4605-001028           ad         Q.4605-001028           ad         Q.4605-001028           ad         Q.4605-001083			WO-GUIC - ROAD PROJECT (LAMBERTON)	15	1,523	\$ 34,250.39 \$ -		
ad         C.4605-000226           ad         Q.4605-000931           ad         Q.4605-000931           ad         Q.4605-000935           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000946           ad         Q.4605-000946           ad         Q.4605-000947           ad         Q.4605-000970           ad         Q.4605-000982           ad         Q.4605-000182           ad         Q.4605-001011           ad         Q.4605-001017           ad         Q.4605-001028           ad         Q.4605-001033           ad         Q.4605-001033           ad         Q.4605-001033           ad         Q.4605-001063           ad         Q.4605-001063           ad         Q.4605-001063           ad         Q.4605-001063			RO-GUIC - ROAD PROJECT (LAMBERTON) RO-GUIC - ROAD PROJECT (SPRING GROVE)	0	32			
ad         Q.4605-000927           ad         Q.4605-000931           ad         Q.4605-000935           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000936           ad         Q.4605-000945           ad         Q.4605-000947           ad         Q.4605-000970           ad         Q.4605-000971           ad         Q.4605-000976           ad         Q.4605-00107           ad         Q.4605-001010           ad         Q.4605-001017           ad         Q.4605-001017           ad         Q.4605-001017           ad         Q.4605-001028           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083				1				
ad         Q.4605-000931           ad         Q.4605-000935           ad         Q.4605-000936           ad         Q.4605-000946           ad         Q.4605-000946           ad         Q.4605-000946           ad         Q.4605-000976           ad         Q.4605-000976           ad         Q.4605-000976           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000988           ad         Q.4605-000988           ad         Q.4605-000101           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001028           ad         Q.4605-001023           ad         Q.4605-001023           ad         Q.4605-001033           ad         Q.4605-001063           ad         Q.4605-001063           ad         Q.4605-001063           ad         Q.4605-001063           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001108			RM-GUIC - BONAIRE PATH EAST (ROSEMOUNT)	1	800	\$ 4,756.48		
ad         Q.4605-000335           ad         Q.4605-000936           ad         Q.4605-000945           ad         Q.4605-000947           ad         Q.4605-000947           ad         Q.4605-000947           ad         Q.4605-000947           ad         Q.4605-000947           ad         Q.4605-000971           ad         Q.4605-000982           ad         Q.4605-000987           ad         Q.4605-000087           ad         Q.4605-000087           ad         Q.4605-001010           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001017           ad         Q.4605-001017           ad         Q.4605-001017           ad         Q.4605-001017           ad         Q.4605-001012           ad         Q.4605-001013           ad         Q.4605-001081           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001081           ad         Q.4605-001081           ad         Q.4605-001083			RO-GUIC - ROAD PROJECT (HWY 30 RUSHFORD) RO-GUIC - ROAD PROJECT (ZUMBROTA)	0	- 558			
ad         Q.4605-000936           ad         Q.4605-000945           ad         Q.4605-000945           ad         Q.4605-000946           ad         Q.4605-000946           ad         Q.4605-000970           ad         Q.4605-000970           ad         Q.4605-000970           ad         Q.4605-000976           ad         Q.4605-000982           ad         Q.4605-000987           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001028           ad         Q.4605-001028           ad         Q.4605-001028           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001084           ad         Q.4605-001083           ad         Q.4605-001084           ad         Q.4605-001084           ad         Q.4605-001084			WA-GUIC SEBEKA CSAH 12 PROJECT	3	-			
ad         Q.4605-000945           ad         Q.4605-000946           ad         Q.4605-000970           ad         Q.4605-000971           ad         Q.4605-000971           ad         Q.4605-000971           ad         Q.4605-000971           ad         Q.4605-000971           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000983           ad         Q.4605-0000983           ad         Q.4605-001011           ad         Q.4605-001017           ad         Q.4605-001027           ad         Q.4605-001027           ad         Q.4605-001023           ad         Q.4605-001033           ad         Q.4605-001063           ad         Q.4605-001105			RM-GUIC SEBERA CSAH 12 PROJECT RM-GUIC - QUARRY ROAD (ROSEMOUNT)	0		\$ - :		
ad         0.4605-000946           ad         0.4605-000947           ad         0.4605-000970           ad         0.4605-000970           ad         0.4605-000970           ad         0.4605-000970           ad         0.4605-000970           ad         0.4605-000970           ad         0.4605-000976           ad         0.4605-000987           ad         0.4605-000987           ad         0.4605-00101           ad         0.4605-00101           ad         0.4605-00101           ad         0.4605-00101           ad         0.4605-00101           ad         0.4605-001028           ad         0.4605-001028           ad         0.4605-001083           ad         0.4605-001063           ad         0.4605-001083           ad         0.4605-001083           ad         0.4605-001083           ad         0.4605-001083           ad         0.4605-001105           ad         0.4605-001105           ad         0.4605-001105           ad         0.4605-001114           ad         0.4605-001114 <t< td=""><td></td><td></td><td>WA-GUIC HWY 32 AND MARK BLVD ROAD PROJ</td><td>0</td><td></td><td></td><td></td><td></td></t<>			WA-GUIC HWY 32 AND MARK BLVD ROAD PROJ	0				
ad         Q.4605-000947           ad         Q.4605-000970           ad         Q.4605-000971           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000988           ad         Q.4605-000988           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001017           ad         Q.4605-001028           ad         Q.4605-001023           ad         Q.4605-001033           ad         Q.4605-001033           ad         Q.4605-001063           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001163           ad         Q.4605-001163           ad         Q.4605-001163           ad         Q.4605-001163           ad         Q.4605-001164			PC-GUIC ROAD PROJECT FAIRFIELD AVE RUSH	2	47	\$ 1,480.03		
ad         0.4605-000970           ad         0.4605-000971           ad         0.4605-000976           ad         0.4605-000982           ad         0.4605-000987           ad         0.4605-000987           ad         0.4605-000987           ad         0.4605-000987           ad         0.4605-001010           ad         0.4605-001011           ad         0.4605-001014           ad         0.4605-001017           ad         0.4605-001028           ad         0.4605-001083           ad         0.4605-001083           ad         0.4605-001083           ad         0.4605-001083           ad         0.4605-001108           ad         0.4605-001108           ad         0.4605-001108           ad         0.4605-001108           ad         0.4605-001105			PC-GUIC 2019 PINE CITY STREET PROJECT	21	- 1,887	\$ 49,816.58	\$ 6,375.13 \$ 147,638.29	
ad         Q.4605-000971           ad         Q.4605-000976           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000982           ad         Q.4605-000988           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001011           ad         Q.4605-001028           ad         Q.4605-001033           ad         Q.4605-001033           ad         Q.4605-001063           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001105           ad         Q.4605-001105           ad         Q.4605-00115           ad         Q.4605-00115           ad         Q.4605-001137			WO-GUIC HWY 75 REPLACE (CANBY)	21		\$ 49,810.58		
dd         Q.4605-000976           iid         Q.4605-000982           iid         Q.4605-000987           iid         Q.4605-000987           iid         Q.4605-000987           iid         Q.4605-000987           iid         Q.4605-000181           iid         Q.4605-001010           iid         Q.4605-001016           iid         Q.4605-001027           iid         Q.4605-001028           iid         Q.4605-001081           iid         Q.4605-001060           iid         Q.4605-001063           iid         Q.4605-001083           iid         Q.4605-001083           iid         Q.4605-001081           iid         Q.4605-001083           iid         Q.4605-001081           iid         Q.4605-001051           iid         Q.4605-001051           iid         Q.4605-001105           iid         Q.4605-001151           iid         Q.4605-001137			CL-GUIC CHISHOLM ALLEY ROAD PROJECT	0	- 824			
ad         Q.4605-000982           ad         Q.4605-000987           ad         Q.4605-000988           ad         Q.4605-000988           ad         Q.4605-000988           ad         Q.4605-001010           ad         Q.4605-001011           ad         Q.4605-001014           ad         Q.4605-001027           ad         Q.4605-001028           ad         Q.4605-001033           ad         Q.4605-001063           ad         Q.4605-001063           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001103           ad         Q.4605-001105           ad         Q.4605-001105           ad         Q.4605-001119           ad         Q.4605-001126           ad         Q.4605-001126           ad         Q.4605-001137			RM-GUIC CHISHOLM ALLEY ROAD PROJECT RM-GUIC ROAD PROJECT DONALD AVE (EAGAN)	60	5,009			
dd         Q.4605-000987           id         Q.4605-000988           id         Q.4605-001010           id         Q.4605-001010           id         Q.4605-001010           id         Q.4605-001016           id         Q.4605-001017           id         Q.4605-001027           id         Q.4605-001028           id         Q.4605-001028           id         Q.4605-001060           id         Q.4605-001063           id         Q.4605-001063           id         Q.4605-001083           id         Q.4605-001083           id         Q.4605-001096           id         Q.4605-001091           id         Q.4605-001091           id         Q.4605-001091           id         Q.4605-001101           id         Q.4605-001101           id         Q.4605-00115           id         Q.4605-001126           id         Q.4605-001137			CL-CO RD 130 RELOCATE 2 PE MAIN RANIER	60		\$ 137,306.65 \$ -		
id         Q.4605-000988           id         Q.4605-001010           id         Q.4605-001010           id         Q.4605-001011           id         Q.4605-001016           id         Q.4605-001017           id         Q.4605-001027           id         Q.4605-001028           id         Q.4605-001028           id         Q.4605-001063           id         Q.4605-001063           id         Q.4605-001083           id         Q.4605-001083           id         Q.4605-001096           id         Q.4605-001096           id         Q.4605-001101           id         Q.4605-001109           id         Q.4605-001101           id         Q.4605-001101           id         Q.4605-001119           id         Q.4605-001119           id         Q.4605-001137			PC-W 1ST ST RECONSTRUCTION ROAD PROJECT	0		\$ 5,375.10		
dd         Q.4605-001010           id         Q.4605-001011           id         Q.4605-001017           id         Q.4605-001017           id         Q.4605-001027           id         Q.4605-001028           id         Q.4605-001028           id         Q.4605-001028           id         Q.4605-001060           id         Q.4605-001061           id         Q.4605-001063           id         Q.4605-001083           id         Q.4605-001083           id         Q.4605-001096           id         Q.4605-001096           id         Q.4605-001091           id         Q.4605-001091           id         Q.4605-001105           id         Q.4605-00115           id         Q.4605-00115           id         Q.4605-001126           id         Q.4605-001137			BM-HANNAH AVE AND 30TH ST NW_CITY STREE	2		\$ 5,375.10		
dd         Q.4605-001011           id         Q.4605-001016           id         Q.4605-001017           id         Q.4605-001017           id         Q.4605-001027           id         Q.4605-001028           id         Q.4605-001028           id         Q.4605-001081           id         Q.4605-001060           id         Q.4605-001083           id         Q.4605-001083           id         Q.4605-001083           id         Q.4605-001096           id         Q.4605-001096           id         Q.4605-001191           id         Q.4605-001191           id         Q.4605-001113           id         Q.4605-001137			CL-GUIC CLOQUET ROAD PROJECT WASHINGTON	0		s		
d         Q-605-001016           dd         Q-665-00107           dd         Q-665-001027           dd         Q-665-001028           dd         Q-665-001033           dd         Q-665-001063           dd         Q-665-001063           dd         Q-665-001063           dd         Q-665-001083           dd         Q-665-001083           dd         Q-665-001083           dd         Q-665-001084           dd         Q-665-001083           dd         Q-665-001081           dd         Q-665-001081           dd         Q-665-00115           dd         Q-6605-00115           dd         Q-6605-00119           dd         Q-6405-001126           dd         Q-6405-001137			FM-GUIC ROAD PROJECT WASHINGTON	0	315			
dd         Q.4605-001017           dd         Q.4605-001027           dd         Q.4605-001028           dd         Q.4605-001028           dd         Q.4605-001028           dd         Q.4605-001060           dd         Q.4605-001060           dd         Q.4605-001063           dd         Q.4605-001083           dd         Q.4605-001083           dd         Q.4605-001081           dd         Q.4605-001096           dd         Q.4605-001091           dd         Q.4605-001051           dd         Q.4605-001101           dd         Q.4605-001105           dd         Q.4605-001105           dd         Q.4605-001137			BM-GUIC F WILLOW AND MADISON AVE	6		\$ 9,740.94		
ad         Q.4605-001027           ad         Q.4605-001028           ad         Q.4605-001033           ad         Q.4605-001063           ad         Q.4605-001063           ad         Q.4605-001063           ad         Q.4605-001063           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001096           ad         Q.4605-001101           ad         Q.4605-001105           ad         Q.4605-001119           ad         Q.4605-001126           ad         Q.4605-001126           ad         Q.4605-001126           ad         Q.4605-001137			RO-GUIC ROAD PROJECT HILL AVE(WANAMINGO)	0		\$ - :	+	
ad         Q.4605-001028           ad         Q.4605-001033           ad         Q.4605-001060           ad         Q.4605-001067           ad         Q.4605-001067           ad         Q.4605-001067           ad         Q.4605-001083           ad         Q.4605-001083           ad         Q.4605-001096           ad         Q.4605-001096           ad         Q.4605-001096           ad         Q.4605-001096           ad         Q.4605-001096           ad         Q.4605-001096           ad         Q.4605-001101           ad         Q.4605-001105           ad         Q.4605-001105           ad         Q.4605-001105           ad         Q.4605-001126           ad         Q.4605-001137			WA-GUIC 4TH ST AND LABREE	0		s - :		Retirement only
d         Q.4605-001033           id         Q.4605-001060           id         Q.4605-001063           id         Q.4605-001063           id         Q.4605-001083           id         Q.4605-001083           id         Q.4605-001083           id         Q.4605-001084           id         Q.4605-001096           id         Q.4605-001101           id         Q.4605-001105           id         Q.4605-001119           id         Q.4605-001119           id         Q.4605-001126           id         Q.4605-001137			RO- GUIC RD PROJECT- 2ND ST NE (KASSON)	0		\$ - :		Retirement only
ad         Q.4605-001060           ad         Q.4605-001067           ad         Q.4605-001067           ad         Q.4605-001083           ad         Q.4605-001088           ad         Q.4605-001088           ad         Q.4605-001096           ad         Q.4605-001096           ad         Q.4605-001101           ad         Q.4605-001101           ad         Q.4605-001105           ad         Q.4605-001126           ad         Q.4605-001126           ad         Q.4605-001137			RM-GUIC-ROAD PROJ- SP1904-31(TH50)	0		s - :		inconcine only
d         Q.4605-001063           d         Q.4605-001067           d         Q.4605-001083           d         Q.4605-001084           d         Q.4605-001086           d         Q.4605-001096           d         Q.4605-001096           d         Q.4605-001101           d         Q.4605-001105           d         Q.4605-00115           d         Q.4605-001126           d         Q.4605-001137			RO-GUIC RD PR N LINE ST (WYKOFF)	11	842			
d Q4605-001067 d Q4605-001083 d Q4605-001088 d Q4605-001088 d Q4605-001096 d Q4605-001101 d Q4605-001105 d Q4605-001126 d Q4605-001137			RO-GUIC 15AVE NW CLVRT RELOC (ROCHESTER)	2		\$ 5,930.09		
d         Q-605-001083           d         Q-4605-001088           d         Q-4605-001096           d         Q-605-001101           d         Q-4605-001105           d         Q-4605-001105           d         Q-4605-001105           d         Q-4605-001126           d         Q-4605-001126           d         Q-4605-001137			BM-GUIC RANDOLPH AND HIGHLAND	2	- 200	\$ 5,550.05 \$ -		
d Q4605-001088 d Q4605-001096 d Q4605-00101 d Q4605-001105 d Q4605-001105 d Q4605-001126 d Q4605-001126			RO-GUIC EYOTA ALLEY- 1ST ST SE (EYOTA)	6		\$ 17.580.22		
d Q.4605-001096 d Q.4605-001101 d Q.4605-001105 d Q.4605-001109 d Q.4605-001126 d Q.4605-001137			RO-GUIC 2ND AVE. NW (BYRON)	6	231			
ad Q-4605-001101 ad Q-4605-001105 ad Q-4605-00119 ad Q-4605-001126 ad Q-4605-001137			RO-GUIC RED WING ST (KENYON)	6		\$ 9,287.15 \$ -		
ad Q-4605-001105 ad Q-4605-001119 ad Q-4605-001126 ad Q-4605-001137			BM-GUIC MINNESOTA AND 3RD ST NW	2	130			
d Q-4605-001119 d Q-4605-001126 d Q-4605-001137			WA-GUIC WADENA BUISNESS PARK SEWER AND W	3		\$ 0,230.22		Retirement only
ad Q-4605-001126 ad Q-4605-001137			RO-GUIC 14TH ST SE (ZUMBROTA)	0		\$ - :		inconcinent only
ad Q-4605-001137			RO-GUIC 16TH ST NE KASSON (KASSON)	0		s		
			RO-GUIC 161H ST NE KASSON (KASSON) RO-ROAD PROJECT STEWARTVILLE- 398 10THNW	0		\$ - :		Retirement only
C-4003-001140			RO - GUIC - CITY OF WANAMINGO - TALL GRA	0				Retirement only
0 4605 0011C7			RO - GUIC - CITY OF WANAMINGO - TALL GRA RO-GUIC-BENIKE ST RR CROSSING/RD PROJECT	0		\$ - :		Neurement omy
ad Q-4605-001167	Q-4605-00116/	2989825	NO-GOIC-BENIKE ST KK CKUSSING/KD PKUJECI	0	55.663	\$ 1,500.033.82	\$ 27,954.58 \$ 6,159,470.03	
rotal	TOLAI			680	Service Internal Labor Cost		6,159,470.03	

680 55,663 \$ 1,668,024.38 \$ 6,327,460.59

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment C to Reply Comments - Revised Exhibit E 2019 Right-of-Way Road Relocation Projects Page 4 of 20

# EXHIBIT E – DETAILED DATA

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment C to Reply Comments - Revised Exhibit E 2019 Right-of-Way Road Relocation Projects Page 5 of 20

								Additions					(
Project Type	WBS Element	WR # Project Name	1" Plastic	2" Plastic	4" Plastic	6" Plastic	8" Plastic	1" Steel 1-1/2" Steel	2" Steel	3" Steel	4" Steel	6" Steel	Total Footage
Road	Q-4605-000527	2702342 FM-GUIC ROAD PROJ - SOUTH HWY (JACKSON)		3 303	6	2,874	0	0 (	) (	) (	0 0	) (	0 3,186
toad	Q-4605-000798	2845221 RM-GUIC ROAD PROJECT-FARMINGTON	1		3,003		0	0 0	) (	) (	o 0	) (	
oad	Q-4605-000819	2858315 RO-GUIC RD PROJECT-HWY52 SP 5507-64 CHAT		5 10,052	4,313	0	0	0 0	) (	) (	<u>ه</u> ٥	(	0 14,37
oad	Q-4605-000820	2854727 RM-GUIC-ROAD PROJECT-EMPIRE TOWNSHIP		0 2,940	0	0	0	0 0	) (				0 2,94
oad	Q-4605-000827	2854739 FM-GUIC ROAD PROJECT (WELCOME)		0 970	2,295		0	0 0	) (	) (			0 3,39
oad	Q-4605-000833	2858854 RM-GUIC ROAD PROJECT (LAKEVILLE)		2 1,634	45	-,	0	0 0	) (	,	0 0	· · · · ·	5,41
oad	Q-4605-000834	2847615 PC-GUIC I-35 AND CSAH 7 ROAD PROJECT		0 559	0		0	0 0	) (				0 55
oad	Q-4605-000835	2856743 FM-GUIC ROAD PROJECT (ALBERT LEA)		0 251	24	1,000	1,508	0 0	) (			[]	0 2,7
oad	Q-4605-000837 Q-4605-000839	2866336 WA-GUIC ROAD RELO HWY 10 PROJECT WADEN. 2795879 CL-GUIC NEW VALVE DUE TO 2016 ROAD		0 3418	0		0	0 0	) (				0 3,4:
oad oad	Q-4605-000839 Q-4605-000840	2795879 CL-GUIC NEW VALVE DUE TO 2016 ROAD 2853058 RO-GUIC RD PROJECT-ELGIN 1ST ST SE		0 2 0 138	0		0	153 (	) ( ) 12		0 0		0 4
oad	Q-4605-000840	2853058 RO-GUIC RD PROJECT-ELGIN 151 ST SE 2867745 RO-GUIC ROAD PROJECT (STEWARTVILLE)		0 3,979	2,529		0	153 (	) (		3 U		0 6,5
bad	Q-4605-000849	2868489 CL-GUIC HERMANTOWN DITCHING (LOWER MAI		2 2	2,323	0	0	0 0			0 0		0,0
oad	Q-4605-000849	2865956 FM-GUIC ROAD PROJECT WINNEBAGO(FAIRMON			2,468	0	0	0 0		) ()	0 0		0 3,0
oad	Q-4605-000854	2867270 RM-GUIC ROAD PROJECT WINNEBAGO(FAINMOI 2867270 RM-GUIC ROAD PROJECT (SCOTT COUNTY 8)	2		1,856		0	0			0 0		0 2,2
oad	Q-4605-000858	2867669 WO-GUIC - ROAD PROJECT (JCOTT CONTINUE)	2		1,050	0	0	0 0			0 0		0 2,2
oad	Q-4605-000859	2869243 WO-GUIC ROAD PROJECT PHASE 2 (CANBY)		0 81	194		0	0 0				i i	0 2
toad	Q-4605-000860	2759897 WA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1		2 2	631	769	748	0 0	) (	) ()	0 0		0 2,1
oad	Q-4605-000861	2759899 WA- GUIC PARK RAPIDS ROUNDABOUT PHASE 2		1 178	2,077		0	0 0	) (		0 0	j i i	0 2,3
oad	Q-4605-000862	2873572 CL-GUIC BIWABIK PROJECT-BIWABIK		0 359	0		0	0 0	) (	) (	0 0	i i	0 35
oad	Q-4605-000863	2880204 RO-GUIC ROAD PROJECT-4TH ST SW TIE-IN		1 26	0	0	0	0 0	) (	) (	0 0	j i i	0 2
oad	Q-4605-000864	2880805 RO-GUIC - ROAD PROJECT (RUSHFORD)		0 4,848	0	0	0	1 (	0 0	) ()	0 0	i i	0 4,8
bad	Q-4605-000866	2873941 BM-GUIC WEST AVE ROAD PROJECT DETROIT LK		0 4,219	964	0	0	0 0	) (	) ()	o 0	1 1	0 5,1
oad	Q-4605-000867	2866533 BM-GUIC RELOC MAIN CSAH 15 AND TH 7		0 4	462	0	0	0 0	) (	) (	0 0	1 1	0 4
oad	Q-4605-000868	2843073 FM-GUIC-ROAD PROJECT(ALBERT LEA STABLES)		2 3,667	4,304		0	0 (	) (	) ()	<u>ه</u> ٥	1 1	0 7,9
oad	Q-4605-000871	2885063 RO-GUIC ROAD PROJECT-1ST AVE SE PHASE 2				646	0	0 0	) (	) (	0 0	1 1	0 6
oad	Q-4605-000873	2806931 RM-GUIC ROAD PROJECT (DAKOTA 50-23)		0 0	0	0	0	0 (	) (	) ()	<u>ه</u> ٥	1 1	0
oad	Q-4605-000881	2883559 BM-GUIC WILLOW ST AND ROOSEVELT RD DL		0 805	10	1,061	923	0 0	) (	) (	o 0	i 1	0 2,7
bad	Q-4605-000889	2890685 WA-GUIC COUNTY RD 4 ROAD PROJECT		1 176	0	0	0	0 0	) (	) (	٥ o	1 1	0 1
oad	Q-4605-000890	2891281 RO-GUIC - ROAD PROJECT (MANTORVILLE)		5 1,073	0		0	0 0	) (	) (	J 0	i	0 1,0
bad	Q-4605-000891	2888591 PC-GUIC ROAD PROJECT NORTH BRANCH WATER		1 0	19	1,697	0	0 0	) (	) (		1 1	0 1,7
ad	Q-4605-000904	2879629 PC-GUIC HWY 95-HEMMINGWAY ROUNDABOUT		0 236	0	0	0	0 0	) (	) (	) 0	1 1	0 2
ad	Q-4605-000906	2892699 CL-GUIC WATER AND SEWER PROJECT CALUMET		0 1,355	0	0	0	0 0	) (	) (	0 (	1 1	0 1,3
bad	Q-4605-000908	2893325 CL- GUIC GRAND RAPIDS 2019 STREET IMPROV		0 688	0	-	0	0 0	) (	) (	0 0		
bad	Q-4605-000911	2866452 WO-GUIC - ROAD PROJECT (TRACY)		0 454	493		0	0 0	) (			1 1	0 1,2
oad	Q-4605-000918	2899094 RM-GUIC ROAD PROJECT(CREDIT RIVER TWNSP)		2 791	430	0	0	0 0	) (			1 1	0 1,2
oad	Q-4605-000919	2899053 RO-GUIC RD PROJECT-CSAH 9 RELOCATIONS		0 1	0	0	0	0 0	400		0 6	6,871	,
oad	Q-4605-000922	2898628 CL-GUIC 13TH ST REHAB PROJECT CHISHOLM		0 2,178	0	0	0	0 (	) (		0 0	) (	
oad	Q-4605-000923	2900934 WO-GUIC - ROAD PROJECT (LAMBERTON)		0 0	85	0	0	0 0	) (	) ()			0 8
oad	Q-4605-000924	2901828 RO-GUIC - ROAD PROJECT (SPRING GROVE)		1 1,159	0	0	0	0 0	) (	) (	0 0	) (	
oad	Q-4605-000926	2902533 RM-GUIC - BONAIRE PATH EAST (ROSEMOUNT)		0 820	U	0	0	0 1	) (		) 0	· · · · · · · · · · · · · · · · · · ·	0 82
oad	Q-4605-000927	2882688 RO-GUIC - ROAD PROJECT (HWY 30 RUSHFORD)		0 1,297	0		0				0 0		0 1,29
toad	Q-4605-000927	2902309 RO-GUIC - ROAD PROJECT (HWY 30 ROSHFORD) 2902309 RO-GUIC - ROAD PROJECT (ZUMBROTA)	1		0	570	0	0 0					0 1,25
oad	Q-4605-000935	2901894 WA-GUIC SEBEKA CSAH 12 PROJECT		0 586	0		0	0 0					0 51
oad	Q-4605-000936	2901982 RM-GUIC - QUARRY ROAD (ROSEMOUNT)		0 0	0	-	0	0			0 0		0 61
oad	Q-4605-000945	2900909 WA-GUIC HWY 32 AND MARK BLVD ROAD PROJ		0 2	372	005	0	0 0		) ) (	0 0		0 37
load	Q-4605-000946	2901589 PC-GUIC ROAD PROJECT FAIRFIELD AVE RUSH		0 333	5/2	0	0	0 0			0 0		0 33
oad	Q-4605-000947	2906367 PC-GUIC 2019 PINE CITY STREET PROJECT		0 3,445	0	0	0	0		) ()	0 0		0 3,4
bad	Q-4605-000970	2902297 WO-GUIC HWY 75 REPLACE (CANBY)		0 0	0	0	0	0		) ()	0 774		0 7
oad	Q-4605-000971	2914229 CL-GUIC CHISHOLM ALLEY ROAD PROJECT		0 390	0	0	0	0 0	) (	) (	0 0	j i	0 3
oad	Q-4605-000976	2907282 RM-GUIC ROAD PROJECT DONALD AVE (EAGAN)		0 2,564	0	0	0	0	) (		0 0	j i i i i i i i i i i i i i i i i i i i	0 2,5
pad	Q-4605-000982	2918108 CL-CO RD 130 RELOCATE 2 PE MAIN RANIER		0 140	0	0	0	0 0	) (		0 O	j j	0 1
bad	Q-4605-000987	2919228 PC-W 1ST ST RECONSTRUCTION ROAD PROJECT		0 0	0	0	0	0	23		0 0	1	0
bad	Q-4605-000988	2921253 BM-HANNAH AVE AND 30TH ST NW CITY STREE		0 187	0	0	0	0 0	) (		0 0	j j	0 1
pad	Q-4605-001010	2928644 CL-GUIC CLOQUET ROAD PROJECT WASHINGTON	N	0 0	0	0	0	0 0	20	) ()	0 O	1 1	0
bad	Q-4605-001011	2925309 FM-GUIC ROAD PROJECT CLAUSEN(ALBERT LEA)		0 1,316	0	0	0	0 0	) (	) ()	0 0	i (	0 1,3
oad	Q-4605-001016	2930877 BM-GUIC E WILLOW AND MADISON AVE		0 0	0	0	0	0 0	162	! (	0 294	1 1	0 4
bad	Q-4605-001017	2931395 RO-GUIC ROAD PROJECT HILL AVE(WANAMINGC	))	0 542	0	0	0	0 0	) (	) (	<u>ه</u> ٥	1 1	0 5
bad	Q-4605-001027	2932810 WA-GUIC 4TH ST AND LABREE		0 0	0	0	0	0 (	) (	) ()	0 0	1 1	ð
bad	Q-4605-001028	2933216 RO- GUIC RD PROJECT- 2ND ST NE (KASSON)		0 0	0	0	0	0 0	) (	) (	0 0	1 1	ð
ad	Q-4605-001033	2935892 RM-GUIC-ROAD PROJ- SP1904-31(TH50)		2 445	0	0	0	0 0	) (	) (	0 0	1 1	0 4
ad	Q-4605-001060	2937180 RO-GUIC RD PR N LINE ST (WYKOFF)		0 3602	0	0	0	0 0	) (	) (	<mark>ه د</mark>	(	<mark>0</mark> 3,6
ad	Q-4605-001063	2940404 RO-GUIC 15AVE NW CLVRT RELOC (ROCHESTER)		0 335	0	0	0	0 0	) (	) (		1 1	0 3
ad	Q-4605-001067	2945323 BM-GUIC RANDOLPH AND HIGHLAND		0 0	166	517	0	0 0	,		0 0	i	0 6
ad	Q-4605-001083	2948401 RO-GUIC EYOTA ALLEY- 1ST ST SE (EYOTA)		0 312	0	0	0	0 0	) (	) (	0 د	1 1	0 3
ad	Q-4605-001088	2950597 RO-GUIC 2ND AVE. NW (BYRON)		2 0	644	0	0	0 0	) (	) (	) 0	1 1	0 6
ad	Q-4605-001096	2953542 RO-GUIC RED WING ST (KENYON)		0 0	293	0	0	0 0	) (	)	1 1	1	<mark>0</mark> 2
bad	Q-4605-001101	2953515 BM-GUIC MINNESOTA AND 3RD ST NW		0 22	226	0	0	0 0	) (	) (	0 0	) (	0 2
bad	Q-4605-001105	2954360 WA-GUIC WADENA BUISNESS PARK SEWER AND		0 0	0	0	0	0 0	) (	) (	) O	1 1	3
bad	Q-4605-001119	2965491 RO-GUIC 14TH ST SE (ZUMBROTA)		0 0	0	0	0	0 0	92	! (	0 0	1 1	0
bad	Q-4605-001126	2967815 RO-GUIC 16TH ST NE KASSON (KASSON)	2		0	0	0	0 0	) (			1 1	0 1
oad	Q-4605-001137	2973444 RO-ROAD PROJECT STEWARTVILLE- 398 10THNV	V	0 0	0	0	0	0 0	) (	) (	0 0	1 1	J
toad	Q-4605-001146	2975380 RO - GUIC - CITY OF WANAMINGO - TALL GRA		0 0	0	0	0	0 0	) (	) ()	0 0	1 1	3
oad	Q-4605-001167	2989825 RO-GUIC-BENIKE ST RR CROSSING/RD PROJECT		0 0	252	0	0	0 0	) (	) (	ە د	1	<mark>0</mark> 2
otal			11	4 68,091	28,330	13,714	3.179	154 (	1 709	1	4 1.470	6.871	1 122.6

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment C to Reply Comments - Revised Exhibit E 2019 Right-of-Way Road Relocation Projects Page 6 of 20

											P	etirements									Page 6 of 20
Project Type	WBS Element	WR #	Project Name	3/4" Plastic	1" Plastic	1-1/4" Plastic	2" Plastic	3" Plastic	3" Plastic & Greater	4" Plastic	6" Plastic	1" Steel	1-1/4" Steel	1-1/2" Steel2	2" Steel	3" Steel	4" Steel	6" Steel	8" Steel	Total Footage	Note
Road	Q-4605-000527	2702342 F	M-GUIC ROAD PROJ - SOUTH HWY (JACKSON)	0	C	0	-661	0	0	-2,834	-13	C	0 0	0	-752	0	0	(	) (	0 -4,260	
Road	Q-4605-000798	2845221 R	M-GUIC ROAD PROJECT-FARMINGTON	0	C	0	-6,446	0	0	-40	0	C	0 0	0	0	0	0	(	) (	-6,486	
Road	Q-4605-000819	2858315 R	O-GUIC RD PROJECT-HWY52 SP 5507-64 CHAT	0	C	0	-7,490	0	0	-139	0	C	0 0	0	-1,962	0	0	0	) (	-9,591	
Road	Q-4605-000820		M-GUIC-ROAD PROJECT-EMPIRE TOWNSHIP	0	C	0	-1,719	0	0	0	0	C	0 0	0	-1,174	0		C			
Road	Q-4605-000827		M-GUIC ROAD PROJECT (WELCOME)	0	C	0		0	-	0	0	C	0 0	0	-1,679			(		,	
Road	Q-4605-000833		M-GUIC ROAD PROJECT (LAKEVILLE)	0	C	0		0	-	-265	0	C	0 0	0	0	0	0	(			
Road	Q-4605-000834		C-GUIC I-35 AND CSAH 7 ROAD PROJECT	0	0	0	-497	0		-175	0	C	0 0	0	0	0	0	(			
	Q-4605-000835		M-GUIC ROAD PROJECT (ALBERT LEA)	0	C	0		0	0	-451	-3	C	0 0	0	0	0		-348	3 -72		
Road	Q-4605-000837		VA-GUIC ROAD RELO HWY 10 PROJECT WADENA	0	0	0	-993	0	0	0	0	C	-147	-1,181				(	) (	-6,182	
Road	Q-4605-000839		L-GUIC NEW VALVE DUE TO 2016 ROAD	0	C	0		0	-	0	0	C	0 0	0	0	0	•	0			
Road	Q-4605-000840		O-GUIC RD PROJECT-ELGIN 1ST ST SE	0	0	0	-4	-3		0	0	0	0 0	0	-69	-138		(			
Road Road	Q-4605-000847 Q-4605-000849		O-GUIC ROAD PROJECT (STEWARTVILLE)	0	L C	0	0 0	0	0	-13	0		0	0	-3,095	0	-3	(		) -3,111	
	Q-4605-000849 Q-4605-000850		L-GUIC HERMANTOWN DITCHING (LOWER MAIN) M-GUIC ROAD PROJECT WINNEBAGO(FAIRMONT)	0		0	-2	0	0	-287	0			0	-1.330	0	-1.561	(		3.257	
Road	Q-4605-000850		M-GUIC ROAD PROJECT WINNEBAGO(FAIRMONT)	0	0	0	-547	0	0	-287	0	C	0	0	-1,330	0	-1,561	L L			
Road	Q-4605-000858		VO-GUIC - ROAD PROJECT (SCOTT COUNTY 8)	0		0		0	0		0			0	0	0	0	(			
Road	Q-4605-000859		VO-GUIC FROAD PROJECT (ORTORVILLE)	0		0	-200	0		-188	0	0		0	0	0	0	(			
Road	Q-4605-000860		VA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1	0		0		0			-872	0		0	0	0	0	(			
Road	Q-4605-000861		VA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1	0		0	-152	0	0	-2,222	-72	0		0	0	0	0	(			
Road	Q-4605-000862		I-GUIC BIWABIK PROJECT-BIWABIK	0	0	0		0	0		-/2	0	0	0	0	0	0	(			
Road	Q-4605-000862		O-GUIC ROAD PROJECT-4TH ST SW TIE-IN	0		0	0	0	0	0	-6		0	0	0	0	0	(	) (		
Road	Q-4605-000864		O-GUIC - ROAD PROJECT (RUSHFORD)	0	0	0	-324	0	0	0	0	0	0	0	-1,480	-1,210	0	(			
Road	Q-4605-000866		M-GUIC WEST AVE ROAD PROJECT DETROIT LK	0	0	0	-2	0		0	0	0	0 0	0	-5,837	-295		(			
Road	Q-4605-000867		M-GUIC RELOC MAIN CSAH 15 AND TH 7	0	C	0	0 0	0	0	-368	0	C	0 0	0	0	0		C	) (	-368	
Road	Q-4605-000868		M-GUIC-ROAD PROJECT(ALBERT LEA STABLES)	0	0	0	0 0	0	0	0	0	0	-87	0	-1,683	0		(			
Road	Q-4605-000871		O-GUIC ROAD PROJECT-1ST AVE SE PHASE 2	0	C	0	0	0	0		-104	C	0	0	0	0		(			
Road	Q-4605-000873	2806931 R	M-GUIC ROAD PROJECT (DAKOTA 50-23)	0	C	0	-1,845	0	0	-8	-166	C	0 0	0	0	0	0	(	) (	-2,019	
Road	Q-4605-000881	2883559 B	M-GUIC WILLOW ST AND ROOSEVELT RD DL	0	C	0	0 0	0	0	0	0	C	0 0	0	-1,350	0	-837	-1,218	3 (	-3,405	
Road	Q-4605-000889	2890685 V	VA-GUIC COUNTY RD 4 ROAD PROJECT	0	C	0	-17	0	0	0	0	C	0 0	0	-188	0	0	(	) (	-205	
Road	Q-4605-000890	2891281 R	O-GUIC - ROAD PROJECT (MANTORVILLE)	0	C	0	-792	0	0	0	0	C	0 0	0	0	0	0	(	) (	-792	
Road	Q-4605-000891	2888591 P	C-GUIC ROAD PROJECT NORTH BRANCH WATER	0	C	0	-19	0	0	-235	-1,354	C	0 0	0	0	0	0	0	) (	-1,608	
Road	Q-4605-000904	2879629 P	C-GUIC HWY 95-HEMMINGWAY ROUNDABOUT	0	C	0	-1,711	0	0	0	0	C	0 0	0	-6	0	0	(	) (	-1,717	
Road	Q-4605-000906		L-GUIC WATER AND SEWER PROJECT CALUMET	0	C	-926	i 0	0	0	0	0	C	-833	0	0	0	0	0	) (		
Road	Q-4605-000908		L- GUIC GRAND RAPIDS 2019 STREET IMPROV	0	C	0	0 0	0	0	0	0	C	-55	0	-324	0	0	(	) (	-379	
Road	Q-4605-000911		VO-GUIC - ROAD PROJECT (TRACY)	0	C	0	-200	0	0	0	0	C	0 0	0	0	-1		(	) (		
Road	Q-4605-000918		M-GUIC ROAD PROJECT (CREDIT RIVER TWNSP)	0	C	0	-801	0	0	-	0	C	0 0	0	0	0	-	C			
Road	Q-4605-000919		O-GUIC RD PROJECT-CSAH 9 RELOCATIONS	0	C	0	-	0		-198	0	C	0 0	0	-193	-6,763		(		,	
Road	Q-4605-000922		L-GUIC 13TH ST REHAB PROJECT CHISHOLM	0	C	0	-1,694	0	0	0	0	C	-366	0	-142	0	0	(	) (		
Road	Q-4605-000923		VO-GUIC - ROAD PROJECT (LAMBERTON)	0	0	0	0 0	0	0	-86	0	C	0 0	0	0	0	0	(	) (	0 -86	
	Q-4605-000924		O-GUIC - ROAD PROJECT (SPRING GROVE)	0	0			0	-	0	0	C	-48	0	-1,052	0	-48	(			
Road	Q-4605-000926	2902533 R	M-GUIC - BONAIRE PATH EAST (ROSEMOUNT)	0	C	0	-777	0	0	0	0	C	0 0	0	0	0	0	(	) (	-777	
	Q-4605-000927		CO-GUIC - ROAD PROJECT (HWY 30 RUSHFORD)	0	(	0	-	0			0	L.	0	0	-784	0		(			
Road Road	Q-4605-000931 Q-4605-000935		O-GUIC - ROAD PROJECT (ZUMBROTA) VA-GUIC SEBEKA CSAH 12 PROJECT	0		0	-	0			-15			0	-784	-673		(		/	
Road	Q-4605-000936		M-GUIC - QUARRY ROAD (ROSEMOUNT)	0		0	-591	0	-	-5	-20		0	0	0	0	0		) (		
	Q-4605-000936		VA-GUIC - QUARRY ROAD (ROSEMOUNT) VA-GUIC HWY 32 AND MARK BLVD ROAD PROJ	0		0	) -2	0	-	-	-20			0	0	0	0	(			
Road	Q-4605-000946		C-GUIC ROAD PROJECT FAIRFIELD AVE RUSH	0		0	-82	0	0	-001	0	0		0	0	0	0				
Road	Q-4605-000947		C-GUIC 2019 PINE CITY STREET PROJECT	0		0		0	0	-22	0	0		0	-916	-304	-156	(			
Road	Q-4605-000947		VO-GUIC HWY 75 REPLACE (CANBY)	0		0	0	0	-	-22	0		0	0	-910	-504		(		,	
Road	Q-4605-000971		L-GUIC CHISHOLM ALLEY ROAD PROJECT	0	0	0		0	-	0	0	0	0	0	-49	0		(			
Road	Q-4605-000976		M-GUIC ROAD PROJECT DONALD AVE (EAGAN)	0		0	0	0	0	0	0		) 0	0	-2.570	0	0	(		-278	
	Q-4605-000982		L-CO RD 130 RELOCATE 2 PE MAIN RANIER	0	0	0	-109	0	0	0	0	0	0	0	-2,570	0	0	(	) (		
Road	Q-4605-000987		C-W 1ST ST RECONSTRUCTION ROAD PROJECT	0	0	0	) 0	0	0	0	0	0	0 0	0	-40	0	0	(	) (	-40	
Road	Q-4605-000988		M-HANNAH AVE AND 30TH ST NW CITY STREE	0	0	0	-228	0	0	0	0	0	0 0	0	0	0	0	(	) (		
Road	Q-4605-001010		L-GUIC CLOQUET ROAD PROJECT WASHINGTON	0	C	0	0 0	0		0	0	C	0 0	0	-28	0	0	(			
Road	Q-4605-001011		M-GUIC ROAD PROJECT CLAUSEN(ALBERT LEA)	0	C	0	-912	0	0	0	0	C	0 0	0	0	0	0	C	) (	-912	
Road	Q-4605-001016		M-GUIC E WILLOW AND MADISON AVE	0	C	0	0 0	0	0	0	0	C	0 0	0	-125	0	-293	(	) (		
	Q-4605-001017		O-GUIC ROAD PROJECT HILL AVE(WANAMINGO)	0	C	0	0 0	0	0	0	0	C	0 0	0	0	0		C	) (		
Road	Q-4605-001027		VA-GUIC 4TH ST AND LABREE	0	C	0	0 0	0	0	0	0	C	-146	0	0	0	0	(	) (	-146	
Road	Q-4605-001028	2933216 R	O- GUIC RD PROJECT- 2ND ST NE (KASSON)	0	C	0	0 0	0	0	0	0	C	0 0	0	0	0	0	C	) (	0 0	
Road	Q-4605-001033	2935892 R	M-GUIC-ROAD PROJ- SP1904-31(TH50)	0	C	0	-445	0	0	0	0	C	0 0	0	0	0	0	(	) (	-445	
Road	Q-4605-001060		O-GUIC RD PR N LINE ST (WYKOFF)	0	C	0	-2,047	0	0	0	0	C	0 0	0	0	0	0	C	) (	,	
Road	Q-4605-001063	2940404 R	O-GUIC 15AVE NW CLVRT RELOC (ROCHESTER)	0	-1	. 0	-56	0	0	0	0	C	0 0	0	-406	0	0	0	) (	-463	
Road	Q-4605-001067		M-GUIC RANDOLPH AND HIGHLAND	0	C	0	0 0	0	0	-134	-554	C	0 0	0	0	0	0	C	) (		
Road	Q-4605-001083		O-GUIC EYOTA ALLEY- 1ST ST SE (EYOTA)	0	C	0	0 0	0	0	0	0	C	0 0	0	-286	0	0	(	) (	-286	
Road	Q-4605-001088		O-GUIC 2ND AVE. NW (BYRON)	0	C	0	-4	0	0	0	0	-2	2 0	0	-15		0	(	) (		
Road	Q-4605-001096		O-GUIC RED WING ST (KENYON)	0	C	0	0 0	0	0	0	0	C	0 0	0	0	-293	0	(	) (	-293	
Road	Q-4605-001101		M-GUIC MINNESOTA AND 3RD ST NW	0	C	0	0 0	0	0	0	0	C	0 0	0		-213	0	(			
Road	Q-4605-001105		VA-GUIC WADENA BUISNESS PARK SEWER AND W	0	C	0	0 0	0	0	0	0	C	0 0	0	-109		0	C			
Road	Q-4605-001119		O-GUIC 14TH ST SE (ZUMBROTA)	0	C	0	0 0	0	0	0	0	C	0 0	0	-77	0	0	(	) (		
Road	Q-4605-001126		O-GUIC 16TH ST NE KASSON (KASSON)	0	C	0	-94	0	-	0	0	C	0 0	0	0	0	0	C	) (		
Road	Q-4605-001137		O-ROAD PROJECT STEWARTVILLE- 398 10THNW	0	C	0		0	0	0	0	C	0 0	0	-115	0	0	C			
Road	Q-4605-001146	2975380 R	O - GUIC - CITY OF WANAMINGO - TALL GRA	0	0	0	-160	0	0	0	0	C	0 0	0	0	0	0	(	) (		
	Q-4605-001167		O-GUIC-BENIKE ST RR CROSSING/RD PROJECT	0	(	0	0	0	0	-4	0	0	) ()	0	0	0	0	(	) (	) -4	

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#### [PRIVATE DATA BEGINS...

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Туре	WR #	Related WR	Op District	ProjectName	Address	City	Description
Project	2768891	2693363	93			LAKEVILLE	REPLACEMENT / 202ND ST PROJECT
Project	2768893	2693363	93			LAKEVILLE	REPLACEMENT / 202ND ST PROJECT
oject oject	2886296	2873941 2873572	97			DETROIT LAKES BIWABIK	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2878379	2873572	96			BIWABIK	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR/ ROAD PROJECT
ject ject	2878571 2886398	28/35/2 2873941	96			DETROIT LAKES	MN-TEMP REPLACE SVC. W/1" LONG SIDE - 250 MTR/ ROAD PROJECT MN-TEMP REPLACE SVC. W/1" LONG SIDE - 250 MTR
ect	2886398	2873941 2873941	97			DETROIT LAKES	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ect	2885130	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ct	2884995	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
ct	2885207	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT XTRUBE / SERVICE REPLACEMENT
ct	2886304	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ct	2886126	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
t	2886139	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
t	2885121	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
t	2884992	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
t	2886333	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
:	2886143	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
:	2886270	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885034 2889801	2873941 2845221	97			BMJ-DETROITLK-DTRTLK SD-C FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
:	2889801	2845221 2873941	93			BMJ-DETROITLK-DTRTLK SD-C	guic project
	2886108	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885970	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR
	2884994	2858315	97			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2884990	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2884991	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2885082	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849372	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849368	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849373	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849367	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849374	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849371	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849370	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849369	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2887499	2759897	89			PARK RAPIDS	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
	2885157 2886001	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2886001 2849365	2873941 2845221	97			BMJ-DETROITLK-DTRTLK SD-C FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ROAD PROJECT/ SERVICE REPLACEMENT
	2849365	2845221 2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849561	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849637	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849362	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849363	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849360	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2887368	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2885023	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR
	2874117	2854739	94			FM-WELCOM-MRTNCTYW SD-C	GUIC ROAD REPL
	2874118	2854739	94			FM-WELCOM-MRTNCTYW SD-C	GUIC ROAD REPL
	2849629	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849626	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849366	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849359	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849354	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849356	2845221	93			FARMINGTON BMJ-DETROITLK-DTRTLK SD-C	ROAD PROJECT/ SERVICE REPLACEMENT
	2885872 2885873	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2891331	2873941 2890685	97			WADENA	MN-TEMP REPLACE SVC. W/ 1 EDING SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR
	2891333	2890685	89			WADENA	MN-TEMP REPORE SVC. W/ 1" SHORT SIDE - 250 MTR
	2886478	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885772	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885112	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1° LONG SIDE - 250 MTR
	2885198	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885870	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885869	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885811	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849351	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849352	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849348	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849347	2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
	2849349 2885757	2845221 2873941	93			FARMINGTON BMI-DETROITIK-DTRTLK SD-C	ROAD PROJECT/ SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885757 2885868	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885868 2885004	2873941 2873941	9/			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2860605	2873941 2854727	3/			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2860609	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/1" SHORT SIDE - 250 MTR GUIC ROAD REPL MN-TEMP REPLACE SVC. W/1" SHORT SIDE - 250 MTR GUIC ROAD REPL
	2860607	2854727	93			FARMINGTON	MN-TEMP REPORCE SVC. W/ 1" SNOT SIDE - 250 MTR GUIC ROAD REPL
	2860610	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2880185	2702342	94			FM-JCKSON-JKSNCTYCL SD-C	MERC SERVICE REPLACEMENT
	2849383	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849622	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849619	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849624	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849670	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849625	2845221	93			FARMINGTON	GUIC ROAD REPL
	2885866	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885867	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2880973	2702342	94			FM-JCKSON-JKSNCTYCL SD-C	GUIC ROAD REPL
	2860614	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL
	2860611	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2860612	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2860618	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL
	2860621	2854727 2845221	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL
	2849666	2845221 2845221	93			FARMINGTON	GUIC ROAD REPL
	2849671 2885839	2845221 2873941	93			FARMINGTON BMI-DETROITIK-DTRTIK SD-C	GUIC ROAD REPL MN-TEMP REPLACE SVC. W/1" LONG SIDE - 250 MTR
	2885839 2885686	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885686 2849668	2873941 2845221	97			BMJ-DETROITLK-DTRTLK SD-C FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
			32				GUIC ROAD REPL
	2849661	2845221	02			FARMINGTON	

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#### [PRIVATE DATA BEGINS...

ype	WR#	Related WR	Op District	ProjectName	Address	City	Description
			op bistilet	Projectivanie	Address		
oject oject	2849664 2849665	2845221 2845221	93			FARMINGTON	GUIC ROAD REPL GUIC ROAD REPL
ct	2849665	2845221 2845221	93			FARMINGTON	GUIC ROAD REPL
t	2849660	2845221 2845221	93			FARMINGTON	GUIC ROAD REPL
	2849659	2845221	33			FARMINGTON	GUIC ROAD REPL
	2849659	2845221 2845221	93			FARMINGTON	GUIC ROAD REPL
	2849657	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849654	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849663	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849653	2845221	93			FARMINGTON	GUIC ROAD REPL
	2886486	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2860615	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2860619	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2860622	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2867700 2885622	2854739 2873941	94			FM-WELCOM-MRTNCTYW SD-C BMJ-DETROITLK-DTRTLK SD-C	GUIC ROAD REPL MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885622	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MIN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MIN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885610	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885662	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849382	2845221	93			FARMINGTON	GUIC ROAD REPL
	2885672	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885734	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849621	2845221	93			FARMINGTON	GUIC ROAD REPL
	2885716	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849381	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849618	2845221	93			FARMINGTON	GUIC ROAD REPL
	2885647	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849379 2849380	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849380	2845221 2845221	93			FARMINGTON	GUIC ROAD REPL
	2849674 2860601	2845221 2854727	93			FARMINGTON	GUIC ROAD REPL MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL
	2860601 2860599	2854727 2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL
	2860599	2854727	93			FARMINGTON	MIN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR GUIC ROAD REPL MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2885355	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2884973	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885047	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849376	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849377	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849676	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849677	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849678	2845221	93			FARMINGTON	GUIC ROAD REPL
	2889312	2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2889310 2889315	2759897 2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2889315 2849679	2/59897 2845221	89			WDN-PARK RPDS-PARKRP SD-C	MIN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2849679	2845221 2873941	93			FARMINGTON BMJ-DETROITLK-DTRTLK SD-C	GUIC ROAD REPL MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885356	2873941	97			BMI-DETROITIK-DTRTLK SD-C	MIN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885615	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR
	2886510	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849683	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849682	2845221	93			FARMINGTON	GUIC ROAD REPL
	2889314	2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849681	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849680	2845221	93			FARMINGTON	GUIC ROAD REPL
	2886497	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2849684	2845221	93			FARMINGTON	GUIC ROAD REPL
	2849685 2849687	2845221 2845221	93			FARMINGTON FARMINGTON	GUIC ROAD REPL GUIC ROAD REPL
	2849687 2889313	2845221 2759897	93			WDN-PARK RPDS-PARKRP SD-C	GUIC ROAD REPL MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2889313	2759897	89			PARK RAPIDS	MIN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2860593	2854727	93			FARMINGTON	MN-TEMP REPORCE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
	2860579	2854727	93			FARMINGTON	GUIC ROAD REPL
	2860592	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
	2860580	2854727	93			FARMINGTON	GUIC ROAD REPL
	2860591	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
	2860578	2854727	93			FARMINGTON	GUIC ROAD REPL
	2887522	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2887518	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2900157	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2901774	2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. LONG SIDE - 630 MTR MN-TEMP REPLACE SVC. W / 1" LONG SIDE - 250 MTR
	2885345	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMI-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885346 2885347	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885347	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2886837	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MIN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2886847	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885341	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885588	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885343	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2884951	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2886819	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885188	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2860575	2854727	93			FARMINGTON	GUIC ROAD REPL
	2860574	2854727	93			FARMINGTON	GUIC ROAD REPL
		2854727	93			FARMINGTON	
	2860600 2900171	2854727 2883559	93			FARMINGTON BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2900171 2889338	2883559	97			BMJ-DETROITLK-DTRTLK SD-C BMI-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2889338 2889259	2883559 2883559	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2889259 2889341	2883559	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2889341 2889320	2883559 2883559	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2889320 2885348	2883559 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2885348	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2860589	2854727	93			FARMINGTON	GUIC ROAD REPL
	2860564	2854727	93			FARMINGTON	GUIC ROAD REPL
	2860566	2854727	93			FARMINGTON	GUIC ROAD REPL
	2860570	2854727	93			FARMINGTON	GUIC ROAD REPL
	2860567	2854727	93			FARMINGTON	GUIC ROAD REPL

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Туре	WR#	Related WR	Op District	ProjectName	Address	City	Description
d Project	2860573	2854727	93			FARMINGTON	GUIC ROAD REPL
Project	2860590	2854727	93			FARMINGTON	GUIC ROAD REPL
oject	2901225	2891281	95			RC-MANTORVLLE-KASSN-SD-C	ROAD PROJET/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ect iect	2901234	2891281	95			RC-MANTORVLLE-KASSN-SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ct ct	2880979 2880980	2702342 2702342	94 94			FM-JCKSON-JKSNCTYCL SD-C FM-JCKSON-JKSNCTYCL SD-C	GUIC ROAD REPL GUIC ROAD REPL
t t	2880980 2901772	2702342 2693363	94			FM-JCKSON-JKSNCTYCL SD-C WDN-PARK RPDS-PARKRP SD-C	GUIC ROAD REPL INSTALL 190' OF 2" PE SERVICE - GSREP (GUIC)
t.	2890346	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
ct	2890274	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ct	2887519	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ct	2887517	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ect	2890370	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ect	2854952	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
ect	2854958	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
ject	2889764	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ject	2860588	2854727	93			FARMINGTON	GUIC ROAD REPL
oject	2860594	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
oject	2860596 2860563	2854727 2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL GUIC ROAD REPL
oject oject	2860563	2854727 2854727	93			FARMINGTON	GUIC ROAD REPL
oject	2860585	2854727	93			FARMINGTON	GUIC ROAD REPL
oject	2860560	2854727	93			FARMINGTON	GUIC ROAD REPL
oject	2860538	2854727	93			FARMINGTON	
piect	2860583	2854727	93			FARMINGTON	GUIC ROAD REPL
oiect	2885350	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
oject	2899077	2891281	95			RC-MANTORVLLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
oject	2887466	2759897	89			PARK RAPIDS	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE -
oject	2854970	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
ject	2854990	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
ject	2854995	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
ject	2854993	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
ject	2889941	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2889827	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2890088	2693363	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject oject	2890060 2890147	2883559 2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject oject	2890147 2890070	2883559 2883559	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject oject	2890070	2883559 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2887382 2849675	28/3941 2845221	97			FARMINGTON	GUIC ROAD REPLACE SVC. W/ 1" LONG SIDE - 250 MIR GUIC ROAD REPL
oject	2876060	2854739	94			FM-WELCOM-MRTNCTYW SD-C	GUIC ROAD REPL
oject	2876059	2854739	94			FM-WELCOM-MRTNCTYW SD-C	GUIC ROAD REPL
piect	2890013	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC, W/ 1" LONG SIDE - 250 MTR
oject	2889947	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2889946	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2854955	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
oject	2889861	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2898896	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2898924	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
roject	2898915	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2849647	2845221	93			FARMINGTON	GUIC ROAD REPL
oject	2849375	2845221 2845221	93			FARMINGTON	ROAD PROJECT/ SERVICE REPLACEMENT
roject roject	2849645	2845221 2845221	93			FARMINGTON	GUIC ROAD REPL GUIC ROAD REPL
roject	2849644	2845221 2845221	93 93			FARMINGTON	GUIC ROAD REPL
roject	2898629	2843221	93			BMJ-DETROITLK-DTRTLK SD-C	GUIC-ROAD REPLACEMENT
roject	2902447	2883559	97			BMJ-DETROITEK-DTRTEK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
roject	2898973	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR
oject	2898885	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
oject	2898967	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2889891	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject	2899251	2693363	95			RC-MANTORVLLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
oject	2899276	2891281	95			RC-MANTORVLLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
oject	2899277	2891281	95			RC-MANTORVLLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
oject	2899278	2891281	95 95			RC-MANTORVLLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
oject	2899279	2891281				RC-MANTORVLLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
oject	2849651	2845221	93			FARMINGTON	GUIC ROAD REPL
oject	2890036	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
oject oject	2902635 2891840	2873941 2873941	97			BMJ-DETROITLK-DTRTLK SD-C BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
oject oject	2891840 2900880	2873941 2893325	97			BMJ-DETROITLK-DTRTLK SD-C CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
oject	2849636	2895325	98			FARMINGTON	GUIC ROAD REPL
oject	2849640	2845221	93			FARMINGTON	GUIC ROAD REPL
ject	2849634	2845221	93			FARMINGTON	GUIC ROAD REPL
iect	2849633	2845221	93			FARMINGTON	GUIC ROAD REPL
oject	2849632	2845221	93			FARMINGTON	GUIC ROAD REPL
ect	2849630	2845221	93			FARMINGTON	GUIC ROAD REPL
ject	2849627	2845221	93			FARMINGTON	GUIC ROAD REPL
ect	2854997	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
ject	2854994	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
ject	2854988	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
ject	2854986	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
ect	2854985	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
ct	2854984	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
t t	2854996	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
:	2854979	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
	2854981	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
	2854977	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
t	2854982	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
t	2854978	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
ct	2854971	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
ct	2891845	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ct	2854975	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
t	2854976	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
t	2902693	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
t	2902704	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
:t	2888980	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2854972	2843073	94			FM-ALBT L-C-ALBT L SD CL-CHISHOLM-CHISHOLM SD-C	GUIC ROAD REPL/ STABLES PROJECT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
t							
t t	2899921 2899938	2898628 2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR

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#### [PRIVATE DATA BEGINS...

	WR #	Related WR	Op District	ProjectName	Address	City	Description
ect	2854954	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
	2854957	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
	2854960 2901442	2843073 2893325	94			FM-ALBT L-C-ALBT L SD CL-GRANDRAPIDS-GRNDR SD-C	GUIC ROAD REPL/ STABLES PROJECT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2901442	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2899948	2893525	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2900865	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2854945	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
	2854948	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
	854938	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
	354941 354944	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
		2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
2901 2899		2893325 2693363	96			CL-GRANDRAPIDS-GRNDR SD-C CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC TIE OVER; INSTALL 75' OF 2" PE SERVICE - GSREP
289		2693363	96			CL-GRANDRAPIDS-GRNDR SD-C	GUIC TIE OVER, INSTALL 75' OF 2" PE SERVICE - GSREP MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	00907	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
	89376	2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
	89370	2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
28	89379	2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
280	88946	2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
286	88422	2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
28886		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2908119		2902533	93			ROSEMOUNT	REPLACEMENT / MERC
29008		2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
29008	49	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2854962		2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
2854967		2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
2888894		2880805 2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
			95				
2888907 2888321		2880805 2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1"SHORT SIDE - 250 MTR GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2888321 2888921		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2888921 2888356		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2888350		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2900871		2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR
290087		2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2855002		2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
2854999		2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
2900990		2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2902274		2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2888568		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2889368		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
2888695		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2889377		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
2889378		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
2900843		2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2900897		2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2899936		2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2899928 28986			96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
		2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2889184		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2888618		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2889179		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2889346		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2888996		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2888651		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2889082		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2889278 2889371		2880805 2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2889371 2889339		2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
		2880805	95			RC-RUSHERD-RSHERDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2889258 2900902		2880805 2898628	95			RC-RUSHFRD-RSHFRDPTR SD-C CL-CHISHOLM-CHISHOLM SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2900902		2898628	ap			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2900899 2900891		2898628	96			CL-CHISHOLM-CHISHOLM SD-C CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2900891 2888585		2898628 2880805	96			CL-CHISHOLM-CHISHOLM SD-C RC-RUSHFRD-RSHFRDPTR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2888585		2893325	95			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2905874 2886054		2858315	90			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2885827		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2886155		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2886174		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2904146		2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2886037		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2885825		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2886299		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2886319		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2885810		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2885823 2858315			95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2885564		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2904755		2693363	99			WOR-TRACY-TRACY SD-C	GUIC ROAD REPL
2903537		2893325 2858315	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
2886051 2885824		2858315 2858315	95			RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2885824 2886052		2858315 2858315	95			RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD PROJECT/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2886052 2885826		2858315	95			RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
		2892699	96			CI-CATUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2910804		2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2915230		2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR
		2892699	90			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2910824 2915235		2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2910797		2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2910/9/ 2910817		2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR
2903524		2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR
2885555		2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
			95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2885630		2693363	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2885630 2740284		2693363	96			CL-GREENWAY-GREENWAY SD-T	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2693363					RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPI
2740284		2858854	93			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD REPE

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment C to Reply Comments - Revised Exhibit E 2019 Right-of-Way Road Relocation Projects

#### [PRIVATE DATA BEGINS...

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	.538	2892699				CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	523						MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
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	543					BMJ-DETROITLK-DTRTLK SD-C	
	542					BMJ-DETROITLK-DTRTLK SD-C	
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	491						MINITELINIP REPORCE SVC. W/ 1 LONG SIDE - 200 MTK, GUIC ROAD REPL/SERVICE REPLACEMENT
	491	2906367	96 7				MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR. GUIC ROAD REPL/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR. GUIC ROAD REPL/SERVICE REPLACEMENT
	490						MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
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35835         9         GUILED OFTICS DC.         GUILED AND ROLET / SINCE REPARCHMENT           300667         HILL COTT         HILL COTT <td>065</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR</td>	065						GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
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35775         5         GUE CADA PROJECT/ MFLACE SUC. UI: 15-007 SUF - 250 MR           203313         5         FR. CONSTRUMENTING - 200 MR           203314         5         FR. CONSTRUMENTING - 200 MR           203315         5         FR. CONSTRUMENTING - 200 MR           203316         5         FR. CONSTRUMENTING - 200 MR           203316         5         FR. CONSTRUMENTING - 200 MR           203316         5         FR. CONSTRUMENTING - 200 MR           203317         5         FR. CONSTRUMENTING - 200 MR         FR. CONSTRUMENTING - 200 MR           203318         5         FR. CONSTRUMENTING - 200 MR         FR. CONSTRUMENTING - 200 MR           203318         5         FR. CONSTRUMENTING - 200 MR         F	65	2867745	95			RC-STERWRTSVLLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
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9         NC-CMTRUEL-OFTED 20-C         QUE RADA PROCET, SERVICE REPLACEMENT           2859135         0         NC-CMTRUEL-OFTED 20-C         QUE RADA PROCET, SERVICE REPLACEMENT           2859136         NC-CMTRUEL-OFTED 20-C         QUE RADA PROCET, SERVICE REPLACEMENT           2859137         O         NC-CMTRUEL-OFTED 20-C         QUE RADA PROCET, SERVICE REPLACEMENT           2859135         O         NC-CMTRUEL-OFTED 20-C         QUE RADA PROCET, SERVICE REPLACEMENT           2859136         NC-CMTRUEL-OFTED 20-C         QUE RADA PROCET, SERVICE REPLACEMENT           2859136         NC-CMTRUEL-OFTED 20-C         QUE RADA PROCET, SERVICE REPLACEMENT           2859736         NC-SUBMITINUEL-SINKER 20-C         SUBMITINUE SINKER 20-SUBMITINUE SINKER 20-SUBMITINUE SINKER 20-SUBMITINUE SINKER 20-SUBMITIN	)22						
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228315         9         IC.CATRED.S-T.         GUIC ROAD PROJECT / SERVICE REPLACEMENT           288775         9         RESEMIRA-CARRED.S-T.         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESEMIRA-CARRED.S-T.         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2807765         9         RESTRANTSVILESTWISD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT <td>612</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	612						
357745         95           2577745	612	2858315	5 95				GUIC ROAD PROJECT / SERVICE REPLACEMENT
387745         95           287745         95           387745         95           287745         95           387745<	035					RC-ELMIRA-CHATFIELD SD-T	
3857745         96         RC_STERMITSULES TWR.39-C         GUIC RAD PROJECT / TREPLACES VW, 31'-SHORT SADE           3857745         96         RC_STERMITSULES TWR.39-C         GUIC RAD PROJECT / STRUCE REPLACES WH           3857745         96         RC_STERMITSULES TWR.39-C         GUIC RAD PROJECT / STRUCE REPLACES WH           3857745         96         RC_STERMITSULES TWR.39-C         GUIC RAD PROJECT / STRUCE REPLACES WH           3857745         96         RC_STERMITSULES TWR.39-C         GUIC RAD PROJECT / STRUCE REPLACES WH           3857745         96         RC_STERMITSULES TWR.39-C         GUIC RAD PROJECT / STRUCE REPLACES WH           3857745         96         RC_STERMITSULES TWR.39-C         GUIC RAD PROJECT / STRUCE REPLACES WH         TSHORT STRUCE REPLACES WH         TS	122						
367745         95           267745<	73	2867745	5 95			RC-STERWRTSVLLE-STWR SD-C	GUIC ROAD PROJECT /REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
286745         95         RC-STEWNTSVLLE-STW RD-C         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / REPLACE SUC. W1 'S NORT SIDE - 250 MTR           286745         95         GUC RDAD PROJECT / SERVICE REPLACEMENT           286745         95         GUC RDAD PROJECT / SERVICE REPLACEMENT           286745         95         GUC RDAD PROJECT / SERVICE REPLACEMENT	70					RC-STERWRTSVLLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
286745         95           286745<	0					RC-STERWRISVILE-STWR SD-C	
2867745         95         GUIC ROAD PROJECT / REFACE SVC. ''' STORT SIDE - 200 MTR           2867745         95         RCSTERWITSVLESTWR SPC.         GUIC ROAD PROJECT, REFACE SVC. ''' STORT SIDE - 200 MTR           2867745         95         RCSTERWITSVLESTWR SPC.         GUIC ROAD PROJECT, REFACE SVC. ''' STORT SIDE - 200 MTR           2867745         95         RCSTERWITSVLESTWR SPC.         GUIC ROAD PROJECT, REFACE SVC. ''' STORT SIDE - 200 MTR           2867745         95         RCSTERWITSVLESTWR SPC.         GUIC ROAD PROJECT, REFACE SVC. ''' STORT SIDE - 200 MTR           2867745         95         RCSTERWITSVLESTWR SPC.         GUIC ROAD PROJECT, REFACE SVC. ''' STORT SIDE - 200 MTR           2867745         95         RCSTERWITSVLESTWR SPC.         GUIC ROAD PROJECT, REFACE SVC. '' STORT SIDE - 200 MTR           2867745         95         RCSTERWITSVLESTWR SPC.         STEWARTSVLESTWR SPC.         STEWARTSVLESTWR SPC.           2867745         95         RCSTERWITSVLESTWR SPC.         GUIC ROAD PROJECT,	2						
2867745         95           2867745         95 </td <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	3						
2867745         95         BC.STERWRTSVLLESTWR SD.C         GUIC ROAD PROJECT, PERJACE SVC, W1 'S SHORT SDE - 260 MTR           2867745         95         BC.STERWRTSVLLESTWR SD.C         GUIC ROAD PROJECT, PERJACE SVC, W1 'S SHORT SDE - 260 MTR           2867745         95         BC.STERWRTSVLLESTWR SD.C         GUIC ROAD PROJECT, PERJACE SVC, W1 'S SHORT SDE - 260 MTR           2867745         95         BC.STERWRTSVLLESTWR SD.C         GUIC ROAD PROJECT, PERJACE SVC, W1 'S SHORT SDE - 250 MTR           2867745         95         BC.STERWRTSVLLESTWR SD.C         STEWARTVLLE ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         BC.STERWRTSVLLESTWR SD.C         STEWARTVLLE ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         BC.STERWRTSVLLESTWR SD.C         STEWARTVLLE ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         BC.STERWRTSVLLESTWR SD.C         STEWARTVLLE ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         BC.STERWRTSVLLESTWR SD.C         STEWARTVLLE ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         BC.STERWRTSVLLESTWR SD.C         GUIC ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         BC.STERWRTSVLLESTWR SD.C         GUIC ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         BC.STERWRTSVLLESTWR SD.C         GUIC ROAD PROJECT, SERVICE REPLACEMENT	5						
2867745         95         BC.STERWRTSVLLESTWR SD.C         GULC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SDE - 26 MTR           2867745         95         BC.STERWRTSVLLESTWR SD.C         GULC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SDE - 26 MTR           2867745         95         GULC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SDE - 26 MTR           2867745         95         GULC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SDE - 26 MTR           2867745         95         GULC ROAD PROJECT/ SERVICE REPLACEMENT           2867745         95         STEWARTVULESTWR SD-C         STEWARTVULE ROAD PROJECT/ SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLESTWR SD-C         STEWARTVULE ROAD PROJECT/ SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLESTWR SD-C         STEWARTVULE ROAD PROJECT/ SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLESTWR SD-C         STEWARTVULE ROAD PROJECT/ SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLESTWR SD-C         STEWARTVULE ROAD PROJECT/ SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLESTWR SD-C         STEWARTVULE ROAD PROJECT/ SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLESTWR SD-C         STEWARTVULE ROAD PROJECT/ SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLESTWR SD-C         GULC ROAD PROJECT/	2	2867745	5 95			RC-STERWRTSVLLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2867745         95         BC.STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT, SERVICE REPLACESTVC. W1 'S NORT SDE - 250 MTR           2867745         95         RCSTERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT, SERVICE REPLACESTVC. W1 'S NORT SDE - 250 MTR           2867745         95         RCSTERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT, SERVICE REPLACESTVC. W1 'S NORT SDE - 250 MTR           2867745         95         RCSTERWRTSVLLESTWR SD-C         STEWARTVLLE ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         STEWARTVLLESTWR SD-C         STEWARTVLLESTWR SD-C         STEWARTVLLESTWR SD-C           2867745         95         RCSTERWRTSVLLESTWR SD-C         STEWARTVLLESTWR SD-C         STEWARTVLLESTWR SD-C           2867745         95         RCSTERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT, SERVICE REPLACEMENT           2867745         95         RCSTERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT, SERVICE REPLACEMENT	2						
2867745         95         FERWITS VULES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART SULES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART SULES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLES TWR SD-C         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLE ROAP ROJECT / SERVICE REPLACEMENT         STEWART FULLE ROAP ROJ	2					RC-STERWRTSVLLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2867745         95         GUIC ROAD PROJECT / SERVICE REPLACES YOU, YU 'S FORT SUDE - 250 MTR           2867745         95         STEWART YULLE STWR SD-C         STEWART YULLE STWR SD-C         STEWART YULLE ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         RC-STERWITS YULLE STWR SD-C         STEWART YULLE ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         STEWART YULLE STWR SD-C         STEWART YULLE ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         RC-STERWITS YULLE STWR SD-C         STEWART YULLE ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         RC-STERWITS YULLE STWR SD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         RC-STERWITS YULLE STWR SD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         RC-STERWITS YULLE STWR SD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         STEWART YULLE STWR SD-C         STEWART YULLE ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         RC-STERWITS YULLE STWR SD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         STEWART YULLE STWR SD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         STEWART YULLE STWR SD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT	3						
2857745         95         Rc.STERWITSULESTWR SD.C         STEWARTVILLE RDAP ROJECT / SERVICE REPLACEMENT           2857745         95         RC.STERWITSULESTWR SD.C         STEWARTVILLE RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         STEWARTVILLE RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         STEWARTVILLE RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         STEWARTVILLE RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         GUIC RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         GUIC RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         GUIC RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         GUIC RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         GUIC RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         GUIC RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULESTWR SD.C         GUIC RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STE	1						STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT
2867745         95         RC.STERWITSULE-STWR SD-C         STEWARTVULE RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULE-STWR SD-C         STEWARTVULE RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULE-STWR SD-C         REFLACEMENT           2867745         95         RC.STERWITSULE-STWR SD-C         STEWARTVULE RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULE-STWR SD-C         GUIC RDAP ROJECT / REFLACE SVC W/ 1' SHORT SDE - 250 MTR           2867745         95         RC.STERWITSULE-STWR SD-C         STEWARTVULE RDAP ROJECT / REFLACE SVC W/ 1' SHORT SDE - 250 MTR           2867745         95         RC.STERWITSULE-STWR SD-C         STEWARTVULE RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULE-STWR SD-C         STEWARTVULE RDAP ROJECT / SERVICE REPLACEMENT           2867745         95         RC.STERWITSULE-STWR SD-C         GUIC RDAP ROJECT / REPLACE SVC W/ 1' SHORT SDE - 250 MTR           2867745         95         RC.STERWITSULE-STWR SD-C         GUIC RDAP ROJECT / REPLACE SVC W/ 1' SHORT SDE - 250 MTR           2867745         95         RC.STERWITSULE-STWR SD-C         GUIC RDAP ROJECT / REPLACE SVC W/ 1' SHORT SDE - 250 MTR           2867745         95         RC.STERWITSULE-STWR SD-C         GUIC RDAP ROJECT / REPLACE SVC W/ 1' SHORT SDE -	4					RC-STERWRISVILE-STWR SD-C	GUIC RUAD PROJECT/REPLACE SVC. W/ 1" SHURT SIDE - 250 MTR
2867745         95         FER-VIETSVILLESTWIK SD-C         STEWART FULLE ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         RC-STERWITSVILLESTWIK SD-C         STEWART FULLE ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLESTWIK SD-C         STEWART FULLE ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         STEWART FULLESTWIK SD-C         GUIC ROAD PROJECT / SERVICE REPLACE SVC. WI 'SHORT SIDE - 250 MTR           2867745         95         RC-STERWITSVILLESTWIK SD-C         GUIC ROAD PROJECT / SERVICE REPLACE SVC. WI 'SHORT SIDE - 250 MTR           2867745         95         RC-STERWITSVILLESTWIK SD-C         STEWART FULLE ROAD PROJECT / SERVICE REPLACE SVC. WI 'SHORT SIDE - 250 MTR           2867745         95         RC-STERWITSVILLESTWIK SD-C         GUIC ROAD PROJECT / SERVICE REPLACE SVC. WI 'SHORT SIDE - 250 MTR           2867745         95         RC-STERWITSVILLESTWIK SD-C         GUIC ROAD PROJECT / SERVICE REPLACE SVC. WI 'SHORT SIDE - 250 MTR           2867745         95         RC-STERWITSVILLESTWIK SD-C         GUIC ROAD PROJECT / SERVICE REPLACE SVC. WI 'SHORT SIDE - 250 MTR           2867745         95         RC-STERWITSVILLESTWIK SD-C         GUIC ROAD PROJECT / SERVICE SVL WI 'SHORT SIDE - 250 MTR           2867745         95         RC-STERWITSVILLESTWIK SD-C         GUIC ROAD PROJECT / SERVICE SVL WI 'SHORT SIDE - 250 MTR	1						
2867745         95         Rc.STERWRTSVILLESTWR SD.C         REPLACEMENT - OTHER           2867745         95         Rc.STERWRTSVILLESTWR SD.C         STEWARTVILLE ROAD PROJECT (JFSRUCE REPLACEMENT           2867745         95         Rc.STERWRTSVILLESTWR SD.C         GUIC ROAD PROJECT (JFSRUCE REPLACEMENT           2867745         95         RC.STERWRTSVILLESTWR SD.C         GUIC ROAD PROJECT (JFSRUCE REPLACEMENT           2867745         95         RC.STERWRTSVILLESTWR SD.C         STEWARTVILLE ROAD PROJECT (JFSRUCE REPLACEMENT           2867745         95         STEWARTVILLESTWR SD.C         STEWARTVILLESTWR SD.C         STEWARTVILLE ROAD PROJECT (JFSRUCE REPLACEMENT           2867745         95         RC.STERWRTSVILLESTWR SD.C         GUIC ROAD PROJECT (JFSRUCE REPLACEMENT           2867745         95         RC.STERWRTSVILLESTWR SD.C         GUIC ROAD PROJECT (JFSRUCE REPLACEMENT           2867745         95         RC.STERWRTSVILLESTWR SD.C         GUIC ROAD PROJECT (JFSRUCE REPLACESTWRT           2867745         95         RC.STERWRTSVILLESTWR SD.C         GUIC ROAD PROJECT (JFSRUCE REPLACESTWRT           2867745         95         RC.STERWRTSVILLESTWR SD.C         GUIC ROAD PROJECT (JFSRUCE REPLACESTWRT           2867745         95         RC.STERWRTSVILLESTWR SD.C         GUIC ROAD PROJECT (JFSRUCE REPLACESTWRT           2867745 <t< td=""><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	1						
2867745         95         STEWART SULLES TWA SD-C         STEWART SULLES TWA SD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         RC-STERWITT SULLES TWA SD-C         GUIC ROAD PROJECT / SERVICE REPLACEMENT           2867745         95         RC-STERWITT SULLES TWA SD-C         GUIC ROAD PROJECT / SERVICE REPLACE SVC. W1 'S NORT SIDE - 250 MTR           2867745         95         RC-STERWITT SULLES TWA SD-C         STEWART SULLES TWA SD-C         STEWART SULLES TWA SD-C           2867745         95         RC-STERWITT SULLES TWA SD-C         GUIC ROAD PROJECT / SERVICE REPLACE SVC. W1 'S NORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT / SERVICE REPLACE SVC. W1 'S NORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT / SERVICE REPLACE SVC. W1 'S NORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT / SERVICE REPLACE SVC. W1 'S NORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT / SERVICE REPLACE SVC. W1 'S NORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT / SERVICE REPLACE SVC. W1 'S NORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT / SERVICE REPLACE SVC. W1 'S NORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT / SERVICE SVC. W1 'S NORT SIDE - 250 MTR           2867745         95         GUIC	1						
2867745         95         GUIC ROAD PROJECT/REFLACE SVC. WJ 1*SHORT SDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/REFLACE SVC. WJ 1*SHORT SDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/REFLACE SVC. WJ 1*SHORT SDE - 250 MTR           2867745         95         STEWART SVLLE STWR SD-C         GUIC ROAD PROJECT / SERVICE REFLACEMENT           2867745         95         GUIC ROAD PROJECT / SERVICE REFLACEMENT         GUIC ROAD PROJECT / SERVICE REFLACEMENT           2867745         95         GUIC ROAD PROJECT / SERVICE REFLACE SVC. WJ 1*SHORT SDE - 250 MTR         SE           2867745         95         GUIC ROAD PROJECT / SERVICE REFLACE SVC. WJ 1*SHORT SDE - 250 MTR         SE           2867745         95         GUIC ROAD PROJECT / SERVICE REFLACE SVC. WJ 1*SHORT SDE - 250 MTR         SE           2867745         95         GUIC ROAD PROJECT / SERVICE REFLACE SVC. WJ 1*SHORT SDE - 250 MTR         SE           2867745         95         GUIC ROAD PROJECT / SERVICE REFLACE SVC. WJ 1*SHORT SDE - 250 MTR         SE           2867745         95         GUIC ROAD PROJECT / SERVICE REFLACE SVC. WJ 1*SHORT SDE - 250 MTR         SE           2867745         95         GUIC ROAD PROJECT / SERVICE SVC. WJ 1*SHORT SDE - 250 MTR <td>Ľ</td> <td>2867745</td> <td>5 95</td> <td></td> <td></td> <td>RC-STERWRTSVLLE-STWR SD-C</td> <td>STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT</td>	Ľ	2867745	5 95			RC-STERWRTSVLLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT
2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         STEWARTULE STWR SD-C         STEWARTULE ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         CUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         STEWARTULE STWR SD-C         STEWARTULE ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR           2867745         95         GUIC ROAD PROJECT, FARPLACE SVC. WJ 1'SHORT SUE - 250 MTR	5	2867745	5 95			RC-STERWRTSVLLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2867745         95         RC-STERWRTSVLLESTWR SD-C         STEWARTSVLLESTWR SD-C         GUIC ROAD PROJECT / SERVICE REVLACESWRT           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT / REVLACE SVC. W1 'S HORT SDE - 250 MTR           2867745 <td>4</td> <td></td> <td></td> <td></td> <td></td> <td>RC-STERWRTSVLLE-STWR SD-C</td> <td>GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR</td>	4					RC-STERWRTSVLLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         BC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95 <t< td=""><td>Ľ</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Ľ						
2857745         95         Rc.STERWRTSULE.STWR SD-C         GUIC RDA PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 260 MTR           2857745         95         Rc.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2857745         95         RC.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2857745         95         RC.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2857745         95         RC.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2867745         95         RC.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2867745         95         RC.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2867745         95         RC.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2867745         95         RC.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2867745         95         RC.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2867745         95         RC.STERWRTSULE.STWR SD-C         GUIC RDA D PROJECT/ REPLACE SVC. W/ 1' SWORTS JDE - 250 MTR           2867745	4						
2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC. W1 '1 SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/	9						
2857745         95         Rc.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1' SWORT SIDE - 250 MTR           2857745         95         Rc.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1' SWORT SIDE - 250 MTR           2857745         95         RC.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1' SWORT SIDE - 250 MTR           2857745         95         RC.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1' SWORT SIDE - 250 MTR           2857745         95         RC.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1' SWORT SIDE - 250 MTR           2867745         95         RC.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1' SWORT SIDE - 250 MTR           2867745         95         RC.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1' SWORT SIDE - 250 MTR           2867745         95         RC.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1' SWORT SIDE - 250 MTR           2867745         95         RC.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1' SWORT SIDE - 250 MTR           2867745         95         RC.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC.W/ 1' SWORT SIDE - 250 MTR           2867745         95         RC.STERWRTSULESTWR SD.C         GUIC ROAD PROJECT/ REPLACE SVC.W/ 1'SWORT SIDE - 250 MTR           2867745         95	0						
2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 260 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SYC, W1 'S SHORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/	5						
2867745         95         RC-STERWITSULESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 260 MTR           2867745         95         RC-STERWITSULESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 260 MTR           2867745         95         RC-STERWITSULESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWITSULESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWITSULESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWITSULESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWITSULESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWITSULESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         RC-STERWITSWLESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR         RC-STERWITSWLESTWIN SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S HORT SDE - 250 MTR	7.						
2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR           2867745         95         STEWART SVLLES TWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR         STEWART SVLLES TWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR         STEWART SVLLES TWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR         STEWART SVLLES TWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 'S NORT SUDE - 250 MTR	71					RC-STERWRISVLLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR
2867745         95         Rc-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 '15 VORT SIDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 '15 VORT SIDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 '15 VORT SIDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ SERVICE REPLACE SVC. W1 '15 VORT SIDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 '15 VORT SIDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 '15 VORT SIDE - 250 MTR           2867745         95         RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W1 '15 VORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W1 '15 VORT SIDE - 250 MTR	5					RC-STERWRTSVILE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1* SNORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1* SNORT SIDE - 250 MTR           2867745         95         RC-STERWITSVLESTWR SD-C         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1* SNORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1* SNORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1* SNORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1* SNORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1* SNORT SIDE - 250 MTR	7						GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2857745         95         Rc.STERWRTSVILLESTWR SD-C         GUIC ROAD PROJECT / SERVICE SUP ROST           2857745         95         Rc.STERWRTSVILLESTWR SD-C         STEWARTSVILLESTWR SD-C           2857745         95         Rc.STERWRTSVILLESTWR SD-C         GUIC ROAD PROJECT / SERVICE REPLACE SPC.           2857745         95         RC.STERWRTSVILLESTWR SD-C         GUIC ROAD PROJECT / SERVICE SPC ROST           2857745         95         RC.STERWRTSVILLESTWR SD-C         GUIC ROAD PROJECT / SERVICE SPC ROST           2857745         95         RC.STERWRTSVILLESTWR SD-C         GUIC ROAD PROJECT / SERVICE SPC ROST	41						GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
2867745         95           2867745         95           2867745         95           RC-STERWRTSVLLE-STWR SD-C         GUIC ROAD PROJECT/REPLACE SVC. W/ 1'SHORT SIDE - 250 MTR           2867745         95           Comparison         GUIC ROAD PROJECT/REPLACE SVC. W/ 1'SHORT SIDE - 250 MTR           RC-STERWRTSVLLESTWR SD-C         GUIC ROAD PROJECT/REPLACE SVC. W/ 1'SHORT SIDE - 250 MTR	8	2867745	5 95			RC-STERWRTSVLLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1'SHORT SIDE - 250 MTR           2867745         95         GUIC ROAD PROJECT/ REPLACE SVC. W/ 1'SHORT SIDE - 250 MTR	1	2867745	95			RC-STERWRTSVLLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT
2867745 95 RC-STERWRTSVLE-STWR SD-C GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	5						
2867745 95 RC-STERWRTSVLLE-STWR SD-C GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR							
	6		95			RC-STERWRTSVLLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
286795         95         Rc-STERWITSVLESTWIRS-D-C         GUIC ROAD PROJECT/REFLACE SVC. WJ. '15 SHOTTS DIE - 250 MTR           2867745         95         STEWATSVLESTWIRS-D-C         STEWATSVLE	5 2 0						

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment C to Reply Comments - Revised Exhibit E 2019 Right-of-Way Road Relocation Projects

#### [PRIVATE DATA BEGINS...

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Гуре	WR #	Related WR	Op District	ProjectName	Address	City	Description
ject	2919475	2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
	2919494	2880805	95			RC-RUSHFRD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
	2918161 2918174	2914229 2914229	96			CL-CHISHOLM-CHISHOLM SD-C CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2918174 2918203	2914229 2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR
	2918203	2914229 2865956	90			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2877256	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2877252	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2877255	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2877251	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2877247	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2877250	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2877259	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2918170	2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2918215	2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2918218 2877254	2914229 2865956	96			CL-CHISHOLM-CHISHOLM SD-C EM-FAIRMONT-FRMNTARA SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
	2877254 2924049	2865956 2865956	94			FM-FAIRMONT-FRMNTARA SD-C FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL GUIC ROAD REPL
	2924049	2805956	94			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2929152	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
	2928860	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
	2922643	2919228	98			RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
	2903058	2899094	93			RM-CR RIVER-LAKEVILL SD-T	REPLACEMENT / NAVADA AVE ROAD PROJECT
	2928867	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
	2928865	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
	2928862	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
	2928864	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
	2911404	2900909	89			THIEF RIVER FALLS	MN-TEMP GRU TIE-OVER 1" P NEW SERVICE
	2884947	2693363	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2885000	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2917479	2902309	95			RC-ZUMBRTA-ZMBRTMZPP SD-C	ROAD PROJECT / SERVICE REPLACEMENT
	2917619 2930176	2902309 2880805	95			RC-ZUMBRTA-ZMBRTMZPP SD-C RC-SPRINGGROVE-SPRGG SD-C	ROAD PROJECT / SERVICE REPLACEMENT
	2930176	2880805	95			RC-SPRINGGROVE-SPRGG SD-C RC-SPRINGGROVE-SPRGG SD-C	SPRING GROVE ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC/ REPLACE SVC. W/ 1" SHORT - 250 MTR
	2930170	2880805	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ REPEACE SVC. W/ 1° SHORT - 250 MTR GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2884968	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2884930	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2884702	2693363	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2917596	2902309	95			RC-ZUMBRTA-ZMBRTMZPP SD-C	ROAD PROJECT / SERVICE REPLACEMENT
	2921356	2901828	95			RC-SPRINGGROVE-SPRGG SD-C	Replace ~35' 2" PE service due to 2019 City improvements road project.
	2919507	2880805	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2930050	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2918053	2902309	95			RC-ZUMBRTA-ZMBRTMZPP SD-C	GUIC replacement ~20' 2" PE service to grain dryer at 175 Main Street in Zumbrota.
	2917687	2902309	95			RC-ZUMBRTA-ZMBRTMZPP SD-C	ROAD PROJECT / SERVICE REPLACEMENT
	2885208	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2885205	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2885204 2885203	2858315 2858315	95			RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2885203 2886123	2858315 2858315	95			RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
	2886123 2914932	2858315 2906367	95			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
	2915361	2900367	98			FAGAN	REPLACEMENT / ROAD PROJECT
	2915359	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2915363	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2915362	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2915360	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2919236	2907282	93			EAGAN	GUIC replacement ~55' 2" PE service due to road project.
	2885799	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC RAOD PROJECT / SERVICE REPLACEMENT
	2885828	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2885847	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2885206	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2915358	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT REPLACEMENT / ROAD PROJECT
	2915357	2907282	93				
	2913517	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2913515 2913516	2907282 2907282	93			EAGAN EAGAN	REPLACEMENT / ROAD PROJECT
	2913516 2913518	2907282 2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT REPLACEMENT / ROAD PROJECT
	2913518 2913519	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2914935	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
	2914936	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
	2884833	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2884882	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2912623	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2913512	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2913514	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2913513	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2913520	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2884863	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2885212 2913509	2858315 2907282	95			RC-CHATFIELD-CHTFLD SD-C EAGAN	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR REPLACEMENT / ROAD PROJECT
	2913509 2910578	2907282 2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT REPLACEMENT / ROAD PROJECT
	2910578 2910581	2907282 2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT REPLACEMENT / ROAD PROJECT
	2910581 2910580	2907282 2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT REPLACEMENT / ROAD PROJECT
	2910580	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2912625	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2910579	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2884873	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2910576	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2910577	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2884695	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
	2913521	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2910674	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2917319	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2923431	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2925132	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2923412	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
		2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
	2919237						REPLACEMENT / ROAD PROJECT
	2923413	2907282	93			EAGAN	
			93 93			EAGAN EAGAN EAGAN	REPLACEMENT / ROAD PROJECT REPLACEMENT / ROAD PROJECT REPLACEMENT / ROAD PROJECT

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#### [PRIVATE DATA BEGINS...

Туре	WR#	Related WR	Op District	ProjectName	Address	City	Description
Project	2919234	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Project	2919235	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
oject	2926233	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ject	2925133	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ject	2917315	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
oject	2917316	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ject	2926235	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ject	2925134	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ject	2950383	2693363	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ROAD PROJECT/SERVICE REPLACEMENT
ject	2950380	2693363	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ROAD PROJECT/SERVICE REPLACEMENT
ject	2944889	2866336	89			WDN-WADENA-WDN DR CK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ject	2889176	2866336	89			WADENA	MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR
ject	2889178	2866336	89			WADENA	MN-TEMP REPLACE SVC. LONG SIDE - 425 MTR
ect	2951985	2866336	89			WDN-WADENA-WDN DR CK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ect	2926490	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ect	2915366	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ect	2915364	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ect	2888717	2693363	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ect	2901766	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ct	2926491	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2907694	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ct	2889175	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
ct	2926492	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2917311	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2917310	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2917312	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2917314	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2926494	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2926493	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2917313	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2926495	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2888713	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ct	2901767	2866336	89			WADENA	MN-TEMP REPLACE SVC. LONG SIDE - 425 MTR
ct	2926236	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
ct	2907749	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
ct	2880170	2693363	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
ct	2877260	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
ct	2914933	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
ct	2916706	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
ct	2916704	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
ct	2916703	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
ct	2951737	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
ct	2951734	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
ct	2951735	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
ect	2951736	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
ect	2959894	2919228	98			RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
ct	2956187	2950597	95			RC-BYRON-BRYRON SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
ct	2956124	2950597	95			RC-BYRON-BRYRON SD-C	BYRON ROAD PROJECT / SERVICE REPLACEMENT
ct	2956102	2950597	95			RC-BYRON-BRYRON SD-C	BYRON ROAD PROJECT / SERVICE REPLACEMENT
ct	2922597	2906367	98			PINE CITY	GUIC ROAD REPL/SERVICE REPLACEMENT
ct	2956189	2693363	95			RC-BYRON-BRYRON SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
ct	2956126	2950597	95			RC-BYRON-BRYRON SD-C	BYRON ROAD PROJECT / SERVICE REPLACEMENT
ct	2956188	2950597	95			RC-BYRON-BRYRON SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
:t	2956125	2950597	95			RC-BYRON-BRYRON SD-C	BYRON ROAD PROJECT / SERVICE REPLACEMENT
t	2868465	2856743	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
t	2868463	2856743	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
t	2963899	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE REPLACEMENT
t	2961804	2953515	97			BMJ-BEMIDJI-BEMIDJI SD-C	GUIC REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
:	2961541	2953515	97			BMJ-BEMIDJI-BEMIDJI SD-C	GUIC REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2961779	2693363	97			BMJ-BEMIDJI-BEMIDJI SD-C	GUIC REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2961781	2953515	97			BMJ-BEMIDJI-BEMIDJI SD-C	GUIC REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2877257	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2877253	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
	2981178	2858854	93			LAKEVILLE	REPLACEMENT / GUIC ROAD REPL
	2986200	2867270	93			CREDIT RIVER TWP	REPLACEMENT / GUIC ROAD PROJECT SCOTT CO RD8
	2987447	2900909	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2963898	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE REPLACEMENT
	2964797	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE RETIREMENT
	2963941	2937180	95			RC-WYKOFF-C-KINGSLAND SD	CITY OF WYKOFF / WYKOFF ROAD PROJECT
	2963346	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2963337	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2963472	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE REPLACEMENT
	2963345	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2963348	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2963460	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE REPLACEMENT
	2963347	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2762052	2693363	93			EAGAN	Replace ~230' 2" WS with 2" PE due to County road project on Lexington and Lone Oak.
	2951738	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2951453	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC SERVICE REPLACEMENT
	2942885	2940404	95			RC-ROCHESTER-RCHSTR SD-C	REPLACEMENT - AA
	2942887	2940404	95			RC-ROCHESTER-RCHSTR SD-C	REPLACEMENT - AA
	fotal						

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#### [PRIVATE DATA BEGINS...

No.         No. <th></th> <th>Page 14</th> <th>012</th>											Page 14	012
					and the second							
Anthe         Non-         Non-        Non-        Non-        N	Road Project			93	3			158 1/	2" Plastic	61	\$ 3,343.23	
				93	7							
Note         Note        Note        Note        No				96	6							
Note         Note        Note        Note        No				96	6							
Norther         Norther <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>62 3/</td><td>4" Steel</td><td></td><td></td><td></td></t<>								62 3/	4" Steel			
Norm         Norm <th< td=""><td>Road Project</td><td></td><td></td><td>97</td><td>7</td><td></td><td></td><td>108 3/</td><td>4" Steel</td><td>58</td><td>5 1,962.36 5 2,803.89</td><td></td></th<>	Road Project			97	7			108 3/	4" Steel	58	5 1,962.36 5 2,803.89	
Norm         Norm        Norm        Norm         N	Road Project			95	5	4/29/2019		41 3/	4" Steel		\$ 1,047.67	7
Norma     Norma    <	Road Project			95	5	4/29/2019	4 1" and smaller	40 3/	4" Steel			
Math         Math <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>												
Norma         Norma <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>												
Martine         Norma         <												
Name         Name <th< td=""><td>Road Project</td><td>2884992</td><td>2858315</td><td>95</td><td>5</td><td>4/30/2019</td><td>4 1" and smaller</td><td>21 3/</td><td>4" Steel</td><td>127</td><td>\$ 1,089.04</td><td>14</td></th<>	Road Project	2884992	2858315	95	5	4/30/2019	4 1" and smaller	21 3/	4" Steel	127	\$ 1,089.04	14
Mathem         Mathm         Mathm         Mathm <td>Road Project</td> <td></td> <td></td> <td>97</td> <td>7</td> <td>5/1/2019</td> <td></td> <td>92 3/</td> <td>4" Steel</td> <td></td> <td>\$ 2,295.99</td> <td>9</td>	Road Project			97	7	5/1/2019		92 3/	4" Steel		\$ 2,295.99	9
Norm         Norm <th< td=""><td>Road Project</td><td></td><td>2873941</td><td></td><td></td><td>5/1/2019</td><td>5 1" and smaller</td><td>125 1/</td><td>2" Plastic</td><td>62</td><td>\$ 2,796.03</td><td>3</td></th<>	Road Project		2873941			5/1/2019	5 1" and smaller	125 1/	2" Plastic	62	\$ 2,796.03	3
Antar         Antar <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>96</td><td></td><td></td></th<>										96		
mathem         Mathm         Mathm         Mathm <td></td> <td>2889801</td> <td></td> <td>93</td> <td>3</td> <td>5/1/2019</td> <td>5 1" and smaller</td> <td></td> <td></td> <td>51</td> <td></td> <td></td>		2889801		93	3	5/1/2019	5 1" and smaller			51		
Market         Markt         Markt         Markt <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>60</td> <td></td> <td></td>										60		
Marka         Marka <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>												
Macher         Macher        Macher        Macher <td>Road Project</td> <td>2885970</td> <td>28/3941 2858315</td> <td>97</td> <td>5</td> <td>5/2/2019</td> <td>5 1" and smaller 5 1" and smaller</td> <td>133 3/</td> <td>4" Steel</td> <td>82</td> <td>\$ 2,/5/.43 \$ 2.143.11</td> <td>3</td>	Road Project	2885970	28/3941 2858315	97	5	5/2/2019	5 1" and smaller 5 1" and smaller	133 3/	4" Steel	82	\$ 2,/5/.43 \$ 2.143.11	3
Interner         Mathem         Mathem        Mathm         Mathm         Mathm <td>Road Project</td> <td></td> <td></td> <td>95</td> <td>5</td> <td></td> <td>5 1" and smaller</td> <td></td> <td></td> <td></td> <td></td> <td>8</td>	Road Project			95	5		5 1" and smaller					8
Althor         Albb         Albb        Albb        Albb <t< td=""><td>Road Project</td><td>2884991</td><td>2858315</td><td>95</td><td>5</td><td>5/2/2019</td><td>5 1" and smaller</td><td>42 3/</td><td>4" Steel</td><td>131</td><td>\$ 2,335.07</td><td>17</td></t<>	Road Project	2884991	2858315	95	5	5/2/2019	5 1" and smaller	42 3/	4" Steel	131	\$ 2,335.07	17
Mathem         Mathm         Mathm         Mathm <td></td>												
Internation         Second Particip         Second Partici												
NormNo		2849373	2845221				5 1" and smaller	89 1/	2" Plastic	91	\$ 2,247.92	
Instruct         State         State        <		2849367	2845221				5 1" and smaller	65 1/	2" Plastic	62	\$ 1,818.68	
Interface         Allow	Road Project					5/3/2019	5 1" and smaller	89 1/	2" Plastic			6
Index         Alber         Alber <th< td=""><td>Road Project</td><td></td><td>2845221</td><td>93</td><td>3</td><td></td><td>5 1" and smaller 5 1" and smaller</td><td>70 1/</td><td>2" Plastic</td><td></td><td>\$ 1,909.67</td><td>7</td></th<>	Road Project		2845221	93	3		5 1" and smaller 5 1" and smaller	70 1/	2" Plastic		\$ 1,909.67	7
ball         Control         Contro         Contro        Contro        Contro         Contro         Contro <th< td=""><td>Road Project</td><td></td><td>2845221</td><td>93</td><td>3</td><td>5/3/2019</td><td>5 1" and smaller</td><td>56 1/</td><td>2 Plastic</td><td></td><td>\$ 1,759.07 \$ 1.696.84</td><td>4</td></th<>	Road Project		2845221	93	3	5/3/2019	5 1" and smaller	56 1/	2 Plastic		\$ 1,759.07 \$ 1.696.84	4
ball     ADD     ADD<	Road Project	2887499	2759897	89	9	5/3/2019	5 1" and smaller	92 1/	2" Plastic		\$ 1,883.47	17
Index of an algo and algo algo algo algo algo algo algo algo												
Abs/repMode <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>												
Monterior         Monterior <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>55 1/</td><td>2" Plastic</td><td></td><td></td><td></td></t<>								55 1/	2" Plastic			
whenw	Road Project			93	3	5/6/2019	5 1" and smaller	40 1/	2" Plastic		\$ 1,450.43	.3
bring         2010         2011 <t< td=""><td>Road Project</td><td>2849637</td><td>2845221</td><td>93</td><td>3</td><td>5/6/2019</td><td>5 1" and smaller</td><td>42 1/</td><td>2" Plastic</td><td>45</td><td>\$ 1,516.08</td><td>18</td></t<>	Road Project	2849637	2845221	93	3	5/6/2019	5 1" and smaller	42 1/	2" Plastic	45	\$ 1,516.08	18
InstructureNAME <td>Road Project</td> <td></td> <td></td> <td>93</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Road Project			93	3							
NormN												
short weightShort weight<												
Interfreet201202014090.00011 <t< td=""><td></td><td>2885023</td><td></td><td></td><td></td><td>5/6/2019</td><td></td><td>102 1/</td><td>2" Plastic</td><td></td><td>\$ 2,614.30</td><td>10</td></t<>		2885023				5/6/2019		102 1/	2" Plastic		\$ 2,614.30	10
Interfact2000301230120<		2874117		94	4	5/7/2019		40 1/	2" Plastic		\$ 1,527.53	3
Interfact224020 <th< td=""><td>Road Project</td><td></td><td></td><td>94</td><td>4</td><td>5/7/2019</td><td>5 1" and smaller</td><td>22 1/</td><td>2" Plastic</td><td></td><td></td><td>3</td></th<>	Road Project			94	4	5/7/2019	5 1" and smaller	22 1/	2" Plastic			3
boxAddressAd	Road Project	2849629	2845221	93	3	5/7/2019	5 1" and smaller 5 1" and smaller	42 1/	2" Plastic		\$ 1,518.72	2
back region3. Book region3. Book region7. B1. D' Pack7. B5. D' Pack7. B5. D' Pack7. B5. D' Pack7. B5. D' Pack7. D' Pack <t< td=""><td>Road Project</td><td></td><td></td><td>93</td><td>3</td><td>5/7/2019</td><td>5 1" and smaller</td><td>94 1/</td><td>2" Plastic</td><td></td><td></td><td>.7</td></t<>	Road Project			93	3	5/7/2019	5 1" and smaller	94 1/	2" Plastic			.7
Not-Port344073407												
Native 												
box Proce300003000051 m some30066 m some606 m some606 m some607 m some607 m some607 m some607 m some7 m some <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												
back ProcessS 1 and sameS 1 and same<								128 3/	4" Steel			
Instar         2007         2017         <	Road Project		2890685	89	9	5/8/2019	5 1" and smaller	60 1/	2" Plastic	45	\$ 1,309.21	1
Insta Pripet         2887         2978         07         2981         07         16         1 <td>Road Project</td> <td>2891333</td> <td>2890685</td> <td>89</td> <td>9</td> <td>5/8/2019</td> <td>5 Tie over</td> <td>2 1/</td> <td>2" Plastic</td> <td>12</td> <td>\$ 734.24</td> <td>4</td>	Road Project	2891333	2890685	89	9	5/8/2019	5 Tie over	2 1/	2" Plastic	12	\$ 734.24	4
No.2007       2.815.1       2.915.1	Road Project			97	7			132 3/	4" Steel			
Mach       1, Marchander												
Nakaf Piget       2.889       2.97941       97         Nakaf Piget       2.8811       2.77941       00       3.7 ad simular       10.1       1/2 Pisac       8.8       5       2.594.0         Nakaf Piget       2.8913       2.8913       2.892.1       0       3.702.0       8.1       4.8       1.27 Pisac       8.6       2.291.0         Nakaf Piget       2.8913       2.8913       2.892.1       0       3.7       1.20 Fisac       8.6       2.201.0       1.8	Road Project			97	7		5 1" and smaller			83		
Node Picet1.9 ad samaler1.0 M1.9 ad samaler1.0 M1.9 M1.9 M1.8 M1.9												
Name Project         284931         284521         9           Name Project         284913         284521         9         3.1 ****         4.8 1         1.2.8.4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	Road Project	2885869	2873941	97	7	5/8/2019	5 1" and smaller	101 1/	2" Plastic		\$ 3,067.24	4
Inder Project         248/132	Road Project			97	3	5/8/2019	5 1" and smaller 5 1" and smaller	100 3/	4 Steel		\$ 2,598.50	0
Node Project         284934         284524         9         5         5         7 and smaller         90         1/2" Paric         55         5         1.5           Rode Project         284934         284524         9         5         1 de smaller         61         1/2" Paric         55         1.5<	Road Project	2849352	2845221	93	3	5/9/2019	5 1" and smaller	61 1/	2" Plastic		\$ 1,830.52	2
Nack Project         284327         29334         3         1' and smaller         64' J/P' Paste         66         5         1.007           Nack Project         288575         227341         37         5         1' and smaller         64' J/P' Stell         315         23         32	Road Project											
Noad Project       287373       297341       97       5 1° and smaller       66 4° desci       10 3       9997         Road Project       288806       287341       97       50 and smaller       610 4° desci       11 a       5       2923600         Road Project       288806       287371       93       51° and smaller       610 4° desci       12 a       51° a       223500       51° and smaller       610 4° desci       12 a       223500       2237360       51° and smaller       610 4° desci       12 a       223500       2237360       51° and smaller       610 4° desci       12 a       223500       223500       2237360       51° and smaller       51° 12 a^* asis:       51° 12 a^* asis:       51° 12 a^* asis:       233504												
Road Project       288588       2873941       97       4.5 (Pactor)       5.1° ad smaller       100       9.4° steel       110       5       225300         Road Project       285005       2854727       93       5.1° ad smaller       100       1.2° Fastic       95       2.22500         Road Project       285005       2854727       93       5.1° ad smaller       95       1.2° Fastic       95       2.25500         Road Project       285005       2854727       93       5.10/003       5.1° ad smaller       95       1.2° Fastic       95       2.25500         Road Project       285005       285472       93       5.10/003       5.1° ad smaller       93       1.2° Fastic       83       2.25500         Road Project       285005       285472       93       5.10/003       5.1° ad smaller       93       1.2° Fastic       83       2.25500         Road Project       289059       284521       93       5.10/003       5.1° ad smaller       93       1.2° Fastic       93       3.1° Ads <ttseel< td="">       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3       1.40/3</ttseel<>												
Road Project       288004       2873941       97       94       5       1° and smaller       80       1/2"Plastic       90       5       2228500       224502       32 <td></td>												
Road Project       286060       285472       93       5/10/209       5 1" and similar       66       1/2" Platic       90       5       2.888.90         Road Project       2860607       2854727       93       5/10/209       5 1" and similar       00       1/2" Platic       87       5       2.488.90         Road Project       2860607       285472       93       5/10/209       5 1" and similar       00       1/2" Platic       87       5       2.488.90         Road Project       2860807       284938       245221       93       93       5/10/209       5 1" and similar       10       1/2" Platic       84       5       0.439         Road Project       284983       245221       93       5/10/209       5 1" and similar       64       1/2" Platic       69       5       1.488.90         Road Project       284983       245221       93       5/10/2019       5 1" and similar       64       1/2" Platic       69       5       1.488.90         Road Project       284983       245221       93       5/10/2019       5 1" and similar       64       1/2" Platic       66       5       1.488.90         Road Project       284950       245221       93 <td< td=""><td></td><td>2885004</td><td>2873941</td><td>97</td><td>7</td><td>5/9/2019</td><td>5 1" and smaller</td><td>102 3/</td><td>4" Steel</td><td></td><td>\$ 2,937.56</td><td>i6</td></td<>		2885004	2873941	97	7	5/9/2019	5 1" and smaller	102 3/	4" Steel		\$ 2,937.56	i6
Road Project       286067       2854727       93         Road Project       286061       2854727       93         Road Project       2860185       270342       94         Shad Project       2860185       270342       94       51/10/2019       51' and smaller       101       12/ Plastic       99       19033         Road Project       286082       285922       285221       93       51/10/2019       51' and smaller       66       12/ Plastic       99       5       16.0.322         Road Project       2860624       2845221       93       51/10/2019       51' and smaller       66       12/ Plastic       66       5       1.8.1.22         Road Project       2860624       2845221       93       51/10/2019       51' and smaller       64       12/ Plastic       66       5       1.4.8.0.37         Road Project       2860624       284521       93       51/10/2019       51' and smaller       64       12/ Plastic       64       2.8       1.4.8.0.37         Road Project       286062       28521       93       51/10/2019       51' and smaller       60       1.2/ Plastic       6.1       2.8       1.4.80.37         Road Project       286062	Road Project	2860605	2854727	93	3	5/10/2019	5 1" and smaller	86 1/	2" Plastic		\$ 2,326.90	0
Road Project       2860:01       287.07       9       5 /1/0/019       5 1' and smaller       10 1 /2' Plastic       95 9       9.99.05         Road Project       284938       284521       9       9.90.05       1' and smaller       51/0/019       5 1' and smaller       51/2' Plastic       96 9       9.16.27.25         Road Project       2849619       2849221       93       51/0/019       5 1' and smaller       61 /2' Plastic       96 9       5.16.27.25         Road Project       2849619       2849221       93       51/0/019       5 1' and smaller       46 1/2' Plastic       66 9       5.14.82.83         Road Project       2849670       2849271       93       51/0/019       5 1' and smaller       40 1/2' Plastic       66 5       4.148.80.7         Road Project       2849670       2849271       93       51/0/019       5 1' and smaller       80 3 /4' Steel       12 5       2.048.47         Road Project       288956       2873941       97       75       3.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97       7.14.98.97	Road Project		2854727	93	3	5/10/2019	5 1" and smaller	57 1/	2" Plastic			0
Road Project       2800.85       2702.42       94       116       12° Piastic       99       5       1.900.55         Road Project       2849622       2845221       93       5/10/(2019       51° and smaller       615       1/2° Piastic       90       5       1.60.3         Road Project       2849622       2845221       93       5/10/(2019       51° and smaller       615       1/2° Piastic       60       5       1.61.3       1.72° Piastic       63       5       1.61.3       1.62 <td>Road Project</td> <td></td>	Road Project											
Rada Project       284933       284521       95         Rada Project       2849619       2845221       95         Rada Project       2849670       2845221       95         Rada Project       285965       2879341       97         Rada Project       285967       2879341       97         Rada Project       2860611       2854727       95       2048497         Rada Project       2860612       2854727       95       51/1/2/019       51 "and smaller       90       12" Plastic       14       24643         Rada Project       2860612       2854727       95       51/3/2/019       51 "and smaller       90       12" Plastic												
Raad Project       2849619       2849221       95         Raad Project       2849670       2849221       95         Raad Project       285865       2879341       97         Raad Project       285867       2879341       97         Raad Project       286967       2879341       97         Raad Project       280973       270342       96       51'and smaller       80       3/4'steel       12'7       9         Raad Project       280601       285472       95       51'and smaller       90       12'2'Plastic       -       \$       9.464         Raad Project       2806012       285472       95       51'and smaller       90       12'2'Plastic       91       \$       2.6463       9.464       9.464       \$       2.6493       9.464       \$       2.6493       9.464       \$       \$       9.4645       \$       4.631701       \$       1'and smaller       90       1'2'Plastic </td <td>Road Project</td> <td></td> <td></td> <td>93</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Road Project			93	3							
Bade Project       2849624       284521       93         Bade Project       2849670       284521       93         Bade Project       2849670       284521       93         Bade Project       2849625       284521       93         Road Project       288567       287391       97         Road Project       288567       287391       97         Road Project       288567       287391       97         Road Project       280573       2702342       94         Road Project       280561       2854727       93         Road Project       2805612       284572       93         Road Project       2805612 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>52 1/</td> <td>2" Plastic</td> <td></td> <td></td> <td></td>								52 1/	2" Plastic			
Road Project       284970       284970       284972       93         Road Project       284973       2849221       93         Road Project       285956       2873941       97         Road Project       285956       2873941       97         Road Project       285956       2873941       97         Road Project       285971       2873941       97         Road Project       285971       2873941       97         Road Project       285071       2873941       97         Road Project       285071       2873941       97         Road Project       285071       270242       98         Road Project       285071       2854727       91         Road Project       2850612       2854727       91         Road Project       285062       2854727       91         Road Project       285062       2854721       91         Road Project       284966       2849724       93       48.5			2845221			5/10/2019		46 1/	2" Plastic		\$ 1,581.12	2
Road Project       2849625       284923       92       42       5       14 ad similar       81       127 Plastic       42       5       14,44.11         Road Project       28586       287941       97       51" and similar       80       3/4" Steel       125       5       20,20.28         Road Project       285967       287941       97       51" and similar       80       3/4" Steel       125       5       20,404       94         Road Project       2850671       285472       93       51" and similar       61       1/2" Plastic       61       5       19,654         Road Project       2860612       2854727       93       51" and similar       90       1/2" Plastic       61       5       2,8463         Road Project       2860612       2854727       93       51'1/2019       51" and similar       90       1/2" Plastic       61       5       2,8463         Road Project       2860612       2854727       93       51'1/2019       51" and similar       51       2,9463       2,8472       93       5       1,94791       5       1,94791       5       1,94493       1,94493       1,94493       1,94493       1,943       1,944933       1,944933	Road Project			93	3			40 1/	2" Plastic			
Road Project       288586       287394       97         Road Project       288587       287394       97         Road Project       2880973       2702342       94         Road Project       2880973       2702342       94         Road Project       2880973       2702342       94         Road Project       2880973       2702342       93         Road Project       288061       2854727       93         Road Project       2860612       2854727       93         Road Project       2860621       2854721       93         Road Project       284966       2845221       93         Road Project       284966       2845221       93         Road Project       284966       2845221       93         Road Project       <	Road Project	2849625	2845221			5/10/2019	5 1" and smaller	38 1/	2" Plastic	42	\$ 1,484.11	1
Road Project       280073       270242       94       - S       94         Road Project       280073       270242       93       61 1/2" Plastic       - S       945652         Road Project       2806011       2854727       93       511 and smaller       90 1/2" Plastic       91 5       246633         Road Project       2806012       2854727       93       511 and smaller       90 1/2" Plastic       91 5       246633         Road Project       2806012       2854727       93       511/3/019       511 and smaller       90 1/2" Plastic       91 5       246633         Road Project       2806012       2854727       93       511/3/019       511 and smaller       57 1/2" Plastic       53 5       26,8393         Road Project       2806012       2854727       93       511/3/019       511 and smaller       57 1/2" Plastic       53 5       28,9473       38       18,91701         Road Project       280602       2845221       93       511/3/019       511 and smaller       96 1/2" Plastic       93 5       2,347355         Road Project       2849667       2845221       93       511/3/019       511 and smaller       96 1/2" Plastic       96 5       2,240.355         Road Proje	Road Project			97	7			80 3/	4" Steel			
Road Project         2860514         2854727         93         61         1/2 Plastic         61         1/2 Plastic         91           Road Project         2860512         2854727         93         51* and smaller         90         1/2 Plastic         91         2         94         93         Road Project         2860512         2854727         93         51* and smaller         100         1/2 Plastic         104         5         2,58493         2,83472         93         51* and smaller         50         1/2 Plastic         104         5         2,58393         2,83472         93         51* and smaller         51* and smaller         51         1/2 Plastic         48         5         1,851,42           Road Project         2860621         283472         93         51* and smaller         51         1/2 Plastic         48         5         1,937,01           Road Project         284066         284521         93         51/31/019         51* and smaller         61         1/2 * Plastic         49         5         2,937,05           Road Project         284066         284521         93         51* and smaller         51         3/4* Steel         49         5         2,370.05         5         3/4* Steel				97	7					125		
Road Project         2860611         2854727         93         91         9         2/4.6433           Road Project         2860612         2854727         93         51° and smaller         00         1/2° Plastic         14 \$         263950           Road Project         2860612         2854727         93         51° and smaller         57 1/2° Plastic         53 \$         63 \$         1,8134           Road Project         2860621         2854727         93         51° and smaller         57 1/2° Plastic         53 \$         1,8134           Road Project         2806661         2845221         93         51° and smaller         95 12° Plastic         93 \$         2,84375           Road Project         280666         2845221         93         51° J1/2019         51° and smaller         96 12° Plastic         93 \$         2,84375           Road Project         2808666         2845221         93         51′ J1/2019         51° and smaller         93 3° 4° Steel         96 \$         2,82370           Road Project         2808686         2873941         97         51′ J1/2019         51° and smaller         63 3′ 4° Steel         96 \$         2,210.05           Road Project         2804668         2873241         97				94	4					-		
Road Project         2860512         285472         93         511 and smaller         100         1/2 Plastic         104         \$ 6,26390           Road Project         2800518         285472         93         511 and smaller         51 //2 Plastic         53 \$         1851.42           Road Project         2806521         2854727         93         511 and smaller         56 1/2 Plastic         48 \$         19.17           Road Project         2806521         284521         93         513 and smaller         56 1/2 Plastic         48 \$         19.17           Road Project         2849671         284521         93         513 and smaller         96 1/2 Plastic         47 \$         15.20.28           Road Project         285858         2873941         97         513/2019         51 and smaller         53 3/4 Steel         96 \$         2.23.05           Road Project         288568         2873941         97         533/4 Steel         107 \$         2.33.06           Road Project         289668         2845221         93         513/2/019 \$ 51 and smaller         67 1/2 Plastic         107 \$         2.370.66           Road Project         289668         2845221         93         513/3/2/019 \$ 51 and smaller         67 1/2 Plastic	Road Project	2860611	2854727	93	3	5/13/2019	5 1" and smaller	90 1/	2" Plastic	91	\$ 2,446.93	13
Road Project         2860618         2854727         93         1,851.42           Road Project         2860621         2854727         93         5         1 and smaller         5         1/2* Plastic         58         1,931.00           Road Project         2860661         2845221         93         5         1 and smaller         56         1/2* Plastic         93         5         2,8472           Road Project         2849666         2845221         93         5         1 and smaller         56         1/2* Plastic         93         5         2,8473           Road Project         2849667         2845221         93         5         1 and smaller         56         1/2* Plastic         93         5         2,8473           Road Project         2889583         2873941         97         5         1 and smaller         53         3/4* Steel         96         5         2,2430.55           Road Project         288958         2873941         97         5         1 and smaller         53         3/4* Steel         96         5         2,2430.55           Road Project         2849686         2873941         97         5         1 and smaller         63         3/4* Steel         96 <td>Road Project</td> <td>2860612</td> <td>2854727</td> <td></td> <td></td> <td>5/13/2019</td> <td>5 1" and smaller</td> <td>100 1/</td> <td>2" Plastic</td> <td>104</td> <td>\$ 2,639.50</td> <td>iO</td>	Road Project	2860612	2854727			5/13/2019	5 1" and smaller	100 1/	2" Plastic	104	\$ 2,639.50	iO
Road Project         284966         284521         93         94 <td>Road Project</td> <td></td> <td></td> <td>93</td> <td>3</td> <td>5/13/2019</td> <td>5 1" and smaller</td> <td>57 1/</td> <td>2" Plastic</td> <td>53</td> <td>\$ 1,851.42</td> <td>12</td>	Road Project			93	3	5/13/2019	5 1" and smaller	57 1/	2" Plastic	53	\$ 1,851.42	12
Road Project         2849671         2849671         2849671         2849671         2849671         2849671         2849671         2849671         281971         41         1/2 Plastic         47         5         1,502.85           Road Project         2885686         2873941         97         5         1" and smaller         5         3/4" Steel         96         5         2,210.61           Road Project         289668         284521         93         5         5/13/019         5         1" and smaller         67         3/4" Steel         17         5         2,370.66           Road Project         2849668         2845221         93         5         5/13/019         5         1" and smaller         67         1/2" Plastic         50         5         5,54.99           Road Project         2849661         2845221         93         5         5         51/3/2019         5         1" and smaller         67         3/2" Plastic         50         5         5,54.99	Road Project					5/13/2019	5 1" and smaller 5 1" and smaller	56 1/	2 Plastic	48	\$ 1,917.01	1
Road Project         2885839         2873941         97         51'and smaller         53'a/4' Steel         96's         22,21,02's           Road Project         288566         2873941         97         51'and smaller         67's         2,23,026's         2,24,015's         17's         2,23,026's         2,24,015's         15's												
Road Project         2885686         2873941         97         5/13/2019         5 1" and smaller         67 3/4" Steel         117         5         2,370.96           Road Project         2849668         284521         93         5/13/2019         5 1" and smaller         47 1/2" Plastic         50 \$         1,598.37           Road Project         2849661         284521         93         5/13/2019         5 1" and smaller         47 1/2" Plastic         48 \$         1,554.69				97	7			53 3/	4" Steel	96	\$ 2,216.15	
Road Project 2849661 2845221 93 5/13/2019 5 1" and smaller 45 1/2" Plastic 48 \$ 1,564.69												
Koap Vroject         28%bb1         28%bb1         28%bb1         28%bb1         28%bb1         1/2"Plastic         48         \$         1,56,469           Road Project         2849662         284521         93         5/13/2019         5 1" and smaller         48         1/2"Plastic         48         \$         1,61.035								47 1/	2" Plastic			
1/12/2/2/2 2 1 dim similar 40 1/2 ridsin 22 \$ 1,00.55	Road Project	2849661		93	3	5/13/2019	5 1" and smaller 5 1" and smaller	45 1/	2" Plastic			9
	Rodu Project	2649002	2645221	93		5/13/2019	and Stildligt	48 1/	2 FIGSUC	52	ə 1,610.35	,

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Туре	WR#	Related WR	Op District	ProjectName	Const Complete Date	Month Size Installed	Total Footage Installed Size & Type Retired	Total Footage Retired	Page 15 Service Installation Cost
ject	2849664	2845221	93		5/13/2019	5 1" and smaller	114 1/2" Plastic	110 \$	2,629
ct ct	2849665 2849660	2845221 2845221	93		5/13/2019 5/13/2019	5 1" and smaller 5 1" and smaller	40 1/2" Plastic 95 1/2" Plastic	43 \$ 91 \$	1,48
ct	2849667	2845221	93		5/13/2019	5 1" and smaller	32 1/2" Plastic	35 \$	1,36
ct	2849659	2845221	93		5/13/2019	5 1" and smaller	45 1/2" Plastic	49 \$	1,564
ect	2849656	2845221 2845221	93		5/13/2019	5 1" and smaller 5 1" and smaller	95 1/2" Plastic	91 \$ 44 \$	2,329
ct ct	2849657 2849654	2845221 2845221	93		5/13/2019 5/13/2019	5 1" and smaller 5 1" and smaller	40 1/2" Plastic 43 1/2" Plastic	44 S 46 S	1,482
ct	2849663	2845221	93		5/13/2019	5 1" and smaller	63 1/2" Plastic	66 \$	1,828
ect	2849653	2845221	93		5/13/2019	5 1" and smaller	96 1/2" Plastic	92 \$	2,354
ect	2886486	2873941	97		5/14/2019	5 1" and smaller	104 3/4" Steel	160 Š	2.17
ect	2860615	2854727	93		5/14/2019	5 1" and smaller	105 1/2" Plastic	108 \$	2.89
ject	2860619	2854727	93		5/14/2019	5 1" and smaller	124 1/2" Plastic	125 \$	2,944
ject	2860622	2854727	93		5/14/2019	5 1" and smaller	110 1/2" Plastic	115 \$	2,724
ject ject	2867700 2885622	2854739 2873941	94		5/14/2019 5/14/2019	5 1" and smaller 5 1" and smaller	3 1" Steel 99 1" Plastic	100 \$ 50 \$	914 2,325
ject	2885354	2873941	97		5/14/2019	5 1" and smaller	27 3/4" Steel	68 \$	1,06
ject	2885610	2873941	97		5/14/2019	5 1" and smaller	47 1/2" Plastic	- \$	2,24
ject	2885662	2873941	97		5/14/2019	5 1" and smaller	130 3/4" Steel	80 \$ 45 \$	3,652
ect ect	2849382 2885672	2845221 2873941	93		5/14/2019 5/14/2019	5 1" and smaller 5 1" and smaller	92 1/2" Plastic 49 3/4" Steel	45 S 109 S	2,29
ect	2885734	2873941	97		5/14/2019	5 1" and smaller	68 3/4" Steel	118 \$	1,73
ct	2849621	2845221	93		5/14/2019	5 1" and smaller	110 1/2" Plastic	51 \$	2,57
ct	2885716 2849381	2873941	97		5/14/2019	5 1" and smaller	62 3/4" Steel	112 \$	1,910
ect ect	2849381 2849618	2845221 2845221	93		5/14/2019 5/14/2019	5 1" and smaller 5 1" and smaller	100 1/2" Plastic 95 1/2" Plastic	55 \$ 51 \$	2,42; 2,34
ect	2885647	2873941	97		5/14/2019	5 1" and smaller	122 3/4" Steel	89 \$	3,04
ct	2849379	2845221	93		5/14/2019	5 1" and smaller	92 1/2" Plastic	54 S	2,30
ct	2849380	2845221	93		5/14/2019	5 1" and smaller	46 1/2" Plastic	89 \$	1,62
ct ct	2849674 2860601	2845221 2854727	93		5/14/2019 5/15/2019	5 1" and smaller 5 1" and smaller	68 1/2" Plastic 88 3/4" Steel	74 \$	1,91 2,01
ect	2860599	2854727	93		5/15/2019	5 1" and smaller	28 3/4" Steel	35 \$	1,25:
ct	2860597	2854727	93		5/15/2019	5 1" and smaller	83 3/4" Steel	78 \$	2,44
ect	2885355 2884973	2873941 2873941	97		5/15/2019 5/15/2019	5 1" and smaller 5 1" and smaller	63 3/4" Steel 208 3/4" Steel	106 \$ 57 \$	1,69
ect	2884973	2873941 2873941	97		5/15/2019 5/15/2019	5 1" and smaller 5 1" and smaller	208 3/4 Steel 110 3/4 Steel	145 \$	2,91
ect	2849376	2845221	93		5/15/2019	5 1" and smaller	44 1/2" Plastic	89 \$	7
ct	2849377	2845221	93		5/15/2019	5 1" and smaller	44 1/2" Plastic	88 \$	2,09
ct	2849676	2845221	93		5/15/2019	5 1" and smaller	32 1/2" Plastic	38 \$	1,94
ct ct	2849677 2849678	2845221 2845221	93		5/15/2019 5/15/2019	5 1" and smaller 5 1" and smaller	74 1/2" Plastic 72 1/2" Plastic	78 \$ 76 \$	2,20
ct	2889312	2759897	89		5/15/2019	5 1" and smaller	121 1/2" Plastic	156 \$	2,13
ct	2889310	2759897	89		5/15/2019	5 1" and smaller	205 1/2" Plastic	235 \$	4,24
ct	2889315	2759897	89		5/15/2019	5 1" and smaller	121 1/2" Plastic	151 \$	3,00
t t	2849679 2886481	2845221 2873941	93		5/15/2019 5/16/2019	5 1" and smaller 5 1" and smaller	43 1/2" Plastic 130 3/4" Steel	47 \$ 87 \$	2,22
ect	2885356	2873941	97		5/16/2019	5 1" and smaller	103 1/2" Plastic	96 \$	2,89
ct	2885615	2873941	97		5/16/2019	5 1" and smaller	66 3/4" Steel	106 \$	1,04
ect	2886510	2873941	97		5/16/2019	5 1" and smaller	103 3/4" Steel	174 \$	2,28
ect ect	2849683 2849682	2845221 2845221	93		5/16/2019	5 1" and smaller 5 1" and smaller	148 1/2" Plastic 121 1/2" Plastic	162 \$ 140 \$	3,95
ect	2889314	2759897	89		5/16/2019	5 1" and smaller	121 1/2 Plastic	140 3	2,20
ect	2849681	2845221	93		5/16/2019	5 1" and smaller	41 1/2" Plastic	45 \$	2,199
ect	2849680 2886497	2845221 2873941	93		5/16/2019	5 1" and smaller	44 1/2" Plastic	48 \$	2,176
ect ect	2886497	28/3941 2845221	97		5/17/2019 5/17/2019	5 1" and smaller 5 1" and smaller	124 3/4" Steel 48 1/2" Plastic	52 \$	2,891
ect	2849685	2845221	93		5/17/2019	5 1" and smaller	40 1/2" Plastic	50 \$	1,446
ect	2849687	2845221	93		5/17/2019	5 1" and smaller	62 1/2" Plastic	72 \$	1,827
ct	2889313 2887472	2759897 2759897	89		5/17/2019	5 1" and smaller	136 1/2" Plastic	166 \$ 175 \$	3,200
ect	2887472	2/59897 2854727	89		5/17/2019 5/20/2019	5 1" and smaller 5 1" and smaller	235 1/2" Plastic 96 1/2" Plastic	1/5 5	2,85:
ct	2860579	2854727	93		5/20/2019	5 1" and smaller	43 1/2" Plastic	46 S	1.84
ct	2860592	2854727	93		5/20/2019	5 1" and smaller	93 1/2" Plastic	94 \$	2,60
ct	2860580	2854727	93		5/20/2019	5 1" and smaller	44 1/2" Plastic	45 \$	1,31
ct ct	2860591 2860578	2854727 2854727	93		5/20/2019 5/20/2019	5 1" and smaller 5 1" and smaller	94 1/2" Plastic 40 1/2" Plastic	90 \$ 50 \$	2,52
ct	2887522	2883559	97		5/20/2019	5 1" and smaller	60 3/4" Steel	50 \$	2,10
ct	2887518	2883559	97		5/20/2019	5 1" and smaller	110 3/4" Steel	105 \$	2,84
ct	2900157	2883559	97		5/20/2019	5 1" and smaller	55 3/4" Steel	100 \$	2,07
ct ct	2901774 2885345	2759897 2873941	89		5/20/2019 5/20/2019	5 1" and smaller 5 1" and smaller	133 1" Plastic 118 1/2" Plastic	522 \$ 77 \$	2,33
ct	2885346	2873941	97		5/20/2019	5 1 and smaller 5 1" and smaller	97 1/2" Plastic	1 \$	2,26
:t	2885347	2873941	97		5/20/2019	5 1" and smaller	130 3/4" Steel	82 \$	3,49
ct ct	2885340	2873941	97		5/20/2019	5 1" and smaller	45 1/2" Plastic	- \$	1,82
t t	2886837 2886847	2873941 2873941	97		5/20/2019 5/20/2019	5 1" and smaller 5 1" and smaller	80 3/4" Steel 107 3/4" Steel	60 \$ 100 \$	2,05 2,06
t	2885341	2873941	97		5/20/2019	5 1" and smaller	28 3/4" Steel	45 \$	2,08
t	2885588	2873941	97		5/20/2019	5 1" and smaller	38 3/4" Steel	45 \$	97
t.	2885343	2873941	97		5/20/2019	5 1" and smaller	45 1/2" Plastic	- \$	1,35
t t	2884951 2886819	2873941 2873941	97		5/20/2019 5/20/2019	5 1" and smaller 5 1" and smaller	145 3/4" Steel 69 3/4" Steel	110 \$	3,96
t	2885188	2873941	97		5/20/2019	5 1" and smaller	155 3/4" Steel	91 \$	4,458
t	2860575	2854727	93		5/20/2019	5 1" and smaller	61 1/2" Plastic	65 \$	2,022
t	2860574	2854727	93		5/20/2019	5 1" and smaller	56 1/2" Plastic	60 \$	2,062
t t	2860576 2860600	2854727 2854727	93		5/20/2019 5/20/2019	5 1" and smaller 5 1" and smaller	51 1/2" Plastic 99 1/2" Plastic	55 \$ 94 \$	2,00
t t	2900171	2854727 2883559	93		5/20/2019	5 1" and smaller 5 1" and smaller	70 3/4" Steel	94 S 20 S	3,03
t	2889338	2883559	97		5/21/2019	5 1" and smaller	101 1/2" Plastic	40 \$	3,35
:t	2889259	2883559	97		5/21/2019	5 1" and smaller	50 3/4" Steel	53 \$	2,88
t	2889341	2883559 2883559	97		5/21/2019	5 1" and smaller	94 3/4" Steel 83 3/4" Steel	92 \$	3,02
ct ct	2889320 2885348	2883559 2873941	97		5/21/2019 5/21/2019	5 1" and smaller 5 1" and smaller	83 3/4" Steel 122 3/4" Steel	60 \$ 82 \$	3,086
ct	2885344	2873941	97		5/21/2019	5 1" and smaller	37 3/4" Steel	82 3 75 \$	2,09
ct	2860589	2854727	93		5/21/2019	5 1" and smaller	89 1/2" Plastic	84 \$	2,44
ct	2860564	2854727	93		5/21/2019	5 1" and smaller	55 1/2" Plastic	60 \$	1,95
ct ct	2860566 2860570	2854727 2854727	93		5/21/2019 5/21/2019	5 1" and smaller 5 1" and smaller	55 1/2" Plastic 109 1/2" Plastic	62 \$ 104 \$	1,984 2,767
ect	2860567	2854727 2854727	93		5/21/2019 5/21/2019	5 1" and smaller 5 1" and smaller	48 1/2" Plastic	52 \$	2,767
ct	2860571	2854727	93		5/21/2019	5 1" and smaller	55 1/2" Plastic	52 3 60 \$	1,50

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Туре	WR #	Related WR	Op District	ProjectName	Const Complete Date	Month	Size Installed	Total Footage Installed	Size & Type Retired	Total Footage Retired	Service Installation Cost
Road Project	2860573	2854727	93		5/21/2019	5	5 1" and smaller	45	1/2" Plastic	50	\$ 1,831.37
Road Project	2860590	2854727	93		5/21/2019		5 1" and smaller	88	1/2" Plastic	84	
Road Project	2901225	2891281	95		5/22/2019		5 1" and smaller	122	1/2" Plastic	122	
Road Project	2901234	2891281	95		5/22/2019		5 1" and smaller		1/2" Plastic	5	
Road Project Road Project	2880979 2880980	2702342 2702342	94		5/22/2019 5/22/2019	-	5 1" and smaller 5 1" and smaller	266	1" Steel 1" Plastic	266 30	\$ 4,736.76 \$ 3,433.93
Road Project	2901772	2693363	89		5/22/2019	-	5	-	None	253	\$ 2,566.79
Road Project	2890346	2883559	97		5/22/2019		5 1" and smaller		3/4" Steel	73	\$ 1,888.18
Road Project	2890274	2883559	97		5/22/2019		5 1" and smaller		3/4" Steel	60	
Road Project Road Project	2887519 2887517	2883559 2883559	97		5/22/2019 5/22/2019		5 1" and smaller 5 1" and smaller		3/4" Steel 3/4" Steel	90 100	
Road Project	288/51/ 2890370	2883559	97		5/22/2019		5 1" and smaller 5 1" and smaller	106	3/4" Steel	100	
Road Project	2854952	2843073	94		5/22/2019		5 1" and smaller		1" Steel	66	
Road Project	2854958	2843073	94		5/22/2019	5	5 1" and smaller	54	1" Steel	77	\$ 1,757.82
Road Project	2889764	2883559	97		5/22/2019	5	5 1" and smaller		3/4" Steel	45	\$ 2,113.85
Road Project	2860588	2854727	93		5/22/2019		5 1" and smaller	90	1/2" Plastic	84	
Road Project Road Project	2860594 2860596	2854727 2854727	93		5/22/2019 5/22/2019		5 1" and smaller 5 1" and smaller		1/2" Plastic 1/2" Plastic	94	
Road Project	2860598	2854727	93		5/22/2019		5 1" and smaller		3/4" Steel	50	
Road Project	2860585	2854727	93		5/22/2019		5 1" and smaller	94	1/2" Plastic	90	
Road Project	2860587	2854727	93		5/22/2019	5	5 1" and smaller	90	1/2" Plastic	85	\$ 2,584.27
Road Project	2860560	2854727	93		5/22/2019	5	5 1" and smaller		1/2" Plastic	61	\$ 2,219.97
Road Project	2860538 2860583	2854727 2854727	93		5/22/2019	5	5 1" and smaller 5 1" and smaller	45	1/2" Plastic 1/2" Plastic	50	\$ 1,910.27 \$ 2,568.75
Road Project Road Project	2860583	2854727	93		5/22/2019 5/23/2019		5 1" and smaller 5 1" and smaller		3/4" Steel	8/	
Road Project	28899077	2891281	95		5/23/2019		5 1" and smaller		3/4" Steel	18	
Road Project	2887466	2759897	89		5/23/2019		5 1" and smaller		1" Plastic	130	\$ 3,811.55
Road Project	2854970	2843073	94		5/23/2019		5 1" and smaller	45	1" Steel	49	\$ 1,748.59
Road Project	2854990	2843073	94		5/23/2019		5 1" and smaller	99	1" Steel	120	\$ 2,696.54
Road Project Road Project	2854995 2854993	2843073 2843073	94		5/23/2019 5/23/2019	5	5 1" and smaller 5 1" and smaller	35	1" Steel 1" Steel	39 46	\$ 1,478.40 \$ 2,337.67
Road Project	2889941	2883559	97		5/23/2019		5 1" and smaller	104	1/2" Plastic	48	\$ 3,117.45
Road Project	2889827	2883559	97		5/23/2019	5	5 1" and smaller	63	3/4" Steel	59	
Road Project	2890088	2693363	97		5/23/2019		5 1" and smaller		3/4" Steel	126	
Road Project	2890060	2883559	97		5/23/2019		5 1" and smaller		3/4" Steel	115	
Road Project Road Project	2890147 2890070	2883559 2883559	97		5/23/2019 5/23/2019		5 1" and smaller 5 1" and smaller	124	3/4" Steel 1/2" Plastic	128	
Road Project	2890070	28633339 2873941	97		5/23/2019	-	5 1" and smaller		3/4" Steel	87	
Road Project	2849675	2845221	93		5/24/2019	-	5 1" and smaller	93	1/2" Plastic	86	
Road Project	2876060	2854739	94		5/24/2019	5	5 1" and smaller	56	1-1/4" Steel	54	\$ 2,021.97
Road Project	2876059	2854739	94		5/24/2019		5 1" and smaller		1" Steel	60	
Road Project Road Project	2890013 2889947	2883559 2883559	97		5/24/2019 5/24/2019		5 1" and smaller 5 1" and smaller		3/4" Steel 1/2" Plastic	115	
Road Project	2889947 2889946	2883559	97		5/24/2019		5 1" and smaller 5 1" and smaller		1/2" Plastic 1/2" Plastic	100	\$ 4,127.32 \$ 3,151.00
Road Project	2854955	2843073	94		5/24/2019		5 1" and smaller	47	1" Steel	69	\$ 1,945.54
Road Project	2889861	2883559	97		5/24/2019	5	5 1" and smaller	61	3/4" Steel	65	\$ 2,554.79
Road Project	2898896	2883559	97		5/24/2019	5	5 1" and smaller	65	3/4" Steel	105	\$ 1,858.37
Road Project	2898924	2883559	97		5/24/2019		5 1" and smaller	106	3/4" Steel	57	
Road Project Road Project	2898915 2849647	2883559 2845221	97		5/24/2019 5/28/2019		5 1" and smaller 5 1" and smaller		3/4" Steel 1/2" Plastic	58	
Road Project	2849375	2845221	93		5/28/2019		5 1" and smaller		1/2" Plastic	38	
Road Project	2849645	2845221	93		5/28/2019	5	5 1" and smaller	94	1/2" Plastic	92	\$ 2,342.84
Road Project	2849644	2845221	93		5/28/2019	5	5 1" and smaller	113	1/2" Plastic	108	
Road Project	2849642	2845221	93		5/28/2019		5 1" and smaller		1/2" Plastic	98	
Road Project Road Project	2898629	2883559 2883559	97		5/28/2019 5/28/2019	5	5 1" and smaller 5 1" and smaller	115	1" Plastic 3/4" Steel	207	\$ 1,678.56 \$ 3,459.89
Road Project	2898973	2883559	97		5/28/2019		5 1" and smaller		3/4" Steel	102	
Road Project	2898885	2883559	97		5/28/2019		5 1" and smaller		3/4" Steel	86	
Road Project	2898967	2883559	97		5/28/2019		5 1" and smaller		3/4" Steel	36	
Road Project	2889891	2883559	97		5/28/2019		5 1" and smaller	63	3/4" Steel	68	\$ 2,056.77
Road Project Road Project	2899251 2899276	2693363 2891281	95		5/28/2019 5/28/2019	5	5 1" and smaller 5 1" and smaller		1/2" Plastic 1/2" Plastic	230 64	\$ 1,221.24 \$ 1,335.85
Road Project	2899276	2891281 2891281	95		5/28/2019		5 i anu smaller 5		1/2" Plastic	10	
Road Project	2899278	2891281	95		5/28/2019	-	5		1/2" Plastic	15	\$ 868.51
Road Project	2899279	2891281	95		5/28/2019	5	5 1" and smaller	55	1/2" Plastic	70	\$ 1,668.87
Road Project	2849651	2845221	93		5/28/2019		5 1" and smaller		1/2" Plastic	108	
Road Project Road Project	2890036 2902635	2883559 2873941	97		5/29/2019 5/29/2019		5 1" and smaller 5 1" and smaller		3/4" Steel 3/4" Steel	135	
Road Project Road Project	2891840	2873941 2873941	97		5/29/2019		5 1" and smaller 5 1" and smaller	53	3/4" Steel	69	
Road Project	2900880	2893325	96		5/29/2019	5	5	-	1" Plastic	75	\$ 3,276.18
Road Project	2849636	2845221	93		5/30/2019	5	5 1" and smaller	108	1/2" Plastic	98	\$ 2,502.63
Road Project	2849640 2849634	2845221	93		5/30/2019		5 1" and smaller	93	1/2" Plastic	88	
Road Project Road Project	2849634 2849633	2845221 2845221	93		5/30/2019 5/30/2019		5 1" and smaller 5 1" and smaller		1/2" Plastic 1/2" Plastic	27	
Road Project	2849633	2845221	93		5/30/2019		5 1" and smaller		1/2 Plastic	90	
Road Project	2849630	2845221	93		5/30/2019	5	5 1" and smaller	92	1/2" Plastic	88	\$ 2,287.16
Road Project	2849627	2845221	93		5/30/2019	5	5 1" and smaller		1/2" Plastic	88	\$ 2,359.85
Road Project Road Project	2854997 2854994	2843073 2843073	94		5/30/2019 5/30/2019		5 1" and smaller 5 1" and smaller	53	3/4" Steel 3/4" Steel	58 85	
Road Project	2854994 2854988	2843073	94		5/30/2019	5	5 1" and smaller 5 1" and smaller	90	3/4" Steel	85	\$ 1,799.40
Road Project	2854986	2843073	94		5/30/2019		5 1" and smaller	85	3/4" Steel	95	\$ 2,164.50
Road Project	2854985	2843073	94		5/30/2019	5	5 1" and smaller	57	3/4" Steel	102	\$ 1,211.83
Road Project	2854984	2843073	94		5/30/2019		5 1" and smaller		3/4" Steel	100	
Road Project Road Project	2854996 2854979	2843073 2843073	94		5/30/2019 5/31/2019		5 1" and smaller 5 1" and smaller	41	3/4" Steel 3/4" Steel	86	
Road Project Road Project	2854979 2854981	2843073 2843073	94		5/31/2019 5/31/2019		5 1" and smaller 5 1" and smaller	44	3/4" Steel 3/4" Steel	50	
Road Project	2854977	2843073	94		5/31/2019		5 1" and smaller	50	3/4" Steel	40	\$ 1,579.18
Road Project	2854982	2843073	94		5/31/2019	5	5 1" and smaller	100	3/4" Steel	93	\$ 1,475.00
Road Project	2854978	2843073	94		5/31/2019	5	5 1" and smaller	94	3/4" Steel	89	\$ 2,304.14
Road Project	2854971	2843073 2873941	94		5/31/2019		5 1" and smaller		3/4" Steel	78	
Road Project Road Project	2891845 2854975	2873941 2843073	97		5/31/2019 6/3/2019		5 1" and smaller 6 1" and smaller		3/4" Steel 3/4" Steel	109 78	
Road Project Road Project	2854975	2843073	94		6/3/2019		6 1" and smaller 6 1" and smaller		3/4" Steel	39	\$ 2,150.55
Road Project	2902693	2883559	97		6/3/2019	6	6 1" and smaller	95	3/4" Steel	79	\$ 2,512.63
Road Project	2902704	2883559	97		6/3/2019	e	6 1" and smaller	82	3/4" Steel	81	\$ 2,326.90
Road Project	2888980	2883559	97		6/3/2019	6	6 1" and smaller	80	1/2" Plastic	140	\$ 2,587.27
Road Project Road Project	2854972	2843073 2898628	94		6/3/2019 6/4/2019		6 1" and smaller 6 1" and smaller		3/4" Steel 1/2" Plastic	39	\$ 989.47 \$ 2.525.39
Road Project	2899921 2899938	2898628	96		6/4/2019		6 1" and smaller 6 1" and smaller		1/2" Plastic 1/2" Plastic	98	
Road Project	2854949	2843073	94		6/4/2019		6 1" and smaller		3/4" Steel	72	
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	9 Right-of-way Roa	201					[PRIVATE DATA BEGINS				
Page 17	Total Footage Retired	Size & Type Retired	Total Footage Installed	Size Installed	Month	Const Complete Date	ProjectName	Op District	Related WR	WR#	Туре
2,165	80 \$ 67 \$	6 3/4" Steel 3 3/4" Steel	86 3	1" and smaller	6	6/4/2019 6/4/2019	34	94	2843073 2843073	2854954 2854957	ad Project ad Project
1,651 2,051	67 S 71 S	3 3/4" Steel 7 3/4" Steel		1" and smaller 1" and smaller	6	6/4/2019	34	94	2843073	2854957	id Project id Project
2,896	85 \$	1 1/2" Plastic		1" and smaller		6/4/2019	96	96	2893325	2901442	l Project
1,791	10 \$ 114 \$	2 1/2" Plastic 8 1/2" Plastic		1" and smaller 1" and smaller		6/4/2019 6/5/2019		96	2893325 2898628	2900864 2899948	l Project I Project
2,062	92 \$	1 1/2" Plastic	131 1	1" and smaller	6	6/5/2019	96	96	2898628	2900865	Project
1,601	93 \$	5 3/4" Steel	75 3	1" and smaller	6	6/5/2019	94	94	2843073	2854945	Project
1,109	36 \$ 69 \$	4 3/4" Steel 4 3/4" Steel		1" and smaller 1" and smaller		6/5/2019 6/5/2019	34	94	2843073 2843073	2854948 2854938	Project Project
1,026	78 \$	3 3/4" Steel		1" and smaller		6/5/2019	94	94	2843073	2854941	Project
1,052	50 \$	7 3/4" Steel	47 3	1" and smaller	6	6/5/2019	94	94	2843073	2854944	Project
1,677	81 \$ 70 \$	9 1/2" Plastic 2 None	9 1	1" and smaller 1" and smaller	6	6/5/2019 6/5/2019	96 	96	2893325 2693363	2901392 2899968	Project Project
1,942	35 \$	5 1/2" Plastic		1" and smaller	6	6/5/2019	96 96	96	2893325	2903275	Project
1,934	73 \$	2 None	72 1	1" and smaller	6	6/5/2019	96	96	2893325	2900907	Project
929 3,056	25 \$ 110 \$	0 3/4" Steel 0 1/2" Plastic	10 3	1" and smaller 1" and smaller		6/5/2019 6/5/2019	95	95	2880805 2880805	2889376 2889370	Project Project
2,579	100 \$	5 3/4" Steel		1" and smaller	6	6/5/2019	35	95	2880805	2889379	Project
1,882	100 \$	0 1/2" Plastic	40 1	1" and smaller	6	6/5/2019	95	95	2880805	2888946	roject
4,064	55 \$	0 1/2" Plastic		1" and smaller		6/5/2019	95	95	2880805	2888422	Project
2,092	40 \$ 90 <b>\$</b>	0 1/2" Plastic 0 1/2" Plastic		1" and smaller 1" and smaller		6/5/2019 6/6/2019	33	95	2880805 2902533	2888678 2908119	roject
4,938	164 \$	6 1/2" Plastic	176 1	1" and smaller	6	6/6/2019	96	96	2898628	2900860	oject
3,972	160 \$	7 1/2" Plastic	167 1	1" and smaller	6	6/6/2019	96	96	2898628	2900849	oject
2,708	115 \$ 85 \$	0 3/4" Steel 0 3/4" Steel		1" and smaller 1" and smaller		6/6/2019 6/6/2019	04	94	2843073 2843073	2854962 2854967	oject oject
1,246	40 \$	0 3/4" Steel	30 3	1" and smaller	6	6/6/2019	35	94	2880805	2888894	oject
1,182	15 \$	0 3/4" Steel		1" and smaller	6	6/6/2019	15	95	2880805	2888902	oject
1,868	115 \$ 115 \$	5 3/4" Steel 5 None	55 3	1" and smaller 1" and smaller	6	6/6/2019 6/6/2019	35	95	2880805 2880805	2888907 2888321	oject oject
2,281	90 \$	0 1/2" Plastic	80 1	1" and smaller	6	6/6/2019	5	95	2880805	2888321 2888921	oject oject
971	75 \$	8 1/2" Plastic	8 1	1" and smaller	6	6/6/2019	5	95	2880805	2888356	oject
1,208	55 \$ 92 \$	0 1/2" Plastic		1" and smaller		6/6/2019	95	95	2880805	2888731	ject ject
2,159	92 \$	3 1/2" Plastic 9 1/2" Plastic	133 1	1" and smaller 1" and smaller	6	6/7/2019 6/7/2019	96	96	2898628 2898628	2900871 2899941	ject ject
2,093	170 \$	6 3/4" Steel	176 3	1" and smaller	6	6/7/2019	34	94	2843073	2855002	ject
2,435	250 \$	4 3/4" Steel		1" and smaller		6/7/2019	34	94	2843073	2854999	ject
981 6,985	10 \$ 26 \$	3 1/2" Plastic 4 1/2" Plastic		1" and smaller 1" and smaller		6/7/2019 6/7/2019	96 16	96	2893325 2893325	2900990 2902274	ect ect
2,073	100 \$	5 1/2" Plastic		1" and smaller	6	6/7/2019	15	95	2880805	2888568	ect
1,161	105 \$	0 None	60 1	1" and smaller	6	6/7/2019	5	95	2880805	2889368	ect
2,594	100 \$ 45 \$	5 1/2" Plastic 0 3/4" Steel		1" and smaller 1" and smaller		6/7/2019 6/7/2019	15	95	2880805 2880805	2888695 2889377	ect ect
1,370	38 \$	0 3/4" Steel		1" and smaller		6/7/2019	5	95	2880805	2889378	ct
1,126	78 \$	9 1/2" Plastic	39 1	1" and smaller	6	6/10/2019	36	96	2898628	2900843	ect
1,634	95 \$ 44 \$	4 1/2" Plastic	104 1	1" and smaller	6	6/10/2019	96	96	2898628	2900897	ect
1,195	44 \$ 87 \$	7 1/2" Plastic D 1/2" Plastic	47 1	1" and smaller 1" and smaller	6	6/10/2019 6/10/2019	96 96	96	2898628	2899936 2899928	ect ect
3,972	223 \$	3 1/2" Plastic		1" and smaller		6/10/2019	36	96	2893325	2903162	ect
1,224	80 \$ 50 \$	0 3/4" Steel		1" and smaller		6/10/2019	95	95	2880805	2889184 2888618	ect
1,872	50 \$ 45 \$	5 3/4" Steel 5 3/4" Steel	45 3	1" and smaller 1" and smaller	6	6/10/2019 6/10/2019	35	95	2880805 2880805	2888618 2889179	ect ject
1,344	54 \$	5 3/4" Steel	25 3	1" and smaller	6	6/10/2019	95	95	2880805	2889346	ject
1,544	45 \$	0 3/4" Steel		1" and smaller		6/10/2019	95	95	2880805	2888996	ject
1,094	97 \$ 55 \$	5 3/4" Steel D 3/4" Steel		1" and smaller 1" and smaller		6/10/2019 6/11/2019	35	95	2880805 2880805	2888651 2889082	ject ject
2,536	55 \$	0 3/4" Steel	60 3	1" and smaller	6	6/11/2019	35	95	2880805	2889278	ject
1,883	120 \$	0 None	50 1	1" and smaller	6	6/11/2019	35	95	2880805	2889371	ject
1,846	105 \$ 18 \$	5 3/4" Steel 5 1/2" Plastic		1" and smaller 1" and smaller		6/11/2019 6/11/2019	35	95	2880805 2880805	2889339 2889258	ect iect
1,355	162 \$	0 1/2" Plastic		1" and smaller		6/12/2019	36	96	2898628	2900902	ect
1,090	75 \$	7 1/2" Plastic		1" and smaller		6/12/2019	96	96	2898628	2900899	ect
3,091	85 \$ 95 \$	5 1/2" Plastic D 3/4" Steel	125 1	1" and smaller 1" and smaller		6/12/2019 6/13/2019		96	2898628 2880805	2900891 2888585	ct
1,544	- \$	None	- 1		6	6/17/2019	6	95	2880805	2888585 2903874	ect ect
1,551	- \$	4 1/2" Plastic	84 1	1" and smaller		6/18/2019	5	95	2858315	2886054	ct
1,582	70 \$ 42 \$	2 1/2" Plastic 5 1/2" Plastic		1" and smaller 1" and smaller		6/18/2019 6/18/2019	95 5	95	2858315 2858315	2885827 2886155	ct ct
1,625	42 \$ 57 \$	5 1/2" Plastic 6 1/2" Plastic	85 1	1" and smaller 1" and smaller	6	6/18/2019 6/18/2019	5	95	2858315 2858315	2886155 2886174	t t
5,560	115 \$	1 1/2" Plastic	91 1	1" and smaller	6	6/18/2019	9 <mark>6</mark>	96	2893325	2904146	t
1,362	45 \$	3 1/2" Plastic	63 1	1" and smaller	6	6/19/2019	35	95	2858315	2886037	t
2,114	40 \$ 185 \$	6 1/2" Plastic 2 1/2" Plastic		1" and smaller 1" and smaller		6/19/2019 6/19/2019	15 15	95	2858315 2858315	2885825 2886299	t t
1,155	40 \$	8 1/2" Plastic	8 1	1" and smaller	6	6/19/2019	95	95	2858315	2886319	ct
2,161	65 \$	8 1/2" Plastic	88 1	1" and smaller	6	6/19/2019	35	95	2858315	2885810	t
2,157	60 \$ 113 \$	0 1/2" Plastic 8 1/2" Plastic	80 1	1" and smaller 1" and smaller		6/19/2019 6/19/2019	15 15	95	2858315 2858315	2885823 2885563	t t
1,439	33 \$	5 1/2" Plastic	55 1	1" and smaller		6/19/2019	95	95	2858315	2885564	it it
2,637	84 \$	1 3/4" Steel		1" and smaller		6/19/2019	99	99	2693363	2904755	t
1,751 2,395	56 <mark>\$</mark> 48 \$	4 1/2" Plastic 8 1/2" Plastic	54 1	1" and smaller 1" and smaller	6	6/19/2019 6/20/2019	36	96	2893325 2858315	2903537 2886051	t t
2,395	48 S 74 S	5 1/2" Plastic		1" and smaller		6/20/2019	55	95	2858315	2885824	t t
2,695	34 \$	5 1/2" Plastic	95 1	1" and smaller	6	6/20/2019	5	95	2858315	2886052	t
2,072	74 \$ 93 \$	5 1/2" Plastic 8 1/2" Plastic		1" and smaller 1" and smaller		6/20/2019 6/20/2019	95	95	2858315 2892699	2885826 2910804	t t
2,310	93 \$	8 1/2" Plastic 3 1/2" Plastic		1" and smaller		6/20/2019	6	96	2892699	2910804	ct ct
2,021	98 \$	4 1/2" Plastic	64 1	1" and smaller	6	6/20/2019	96	96	2892699	2915230	ct
4,582	39 \$	7 1/2" Plastic	87 1	1" and smaller		6/20/2019	26	96	2892699	2910824	ct
2,492	30 \$ 22 \$	5 1/2" Plastic 7 1/2" Plastic		1" and smaller 1" and smaller		6/20/2019 6/20/2019	36	96	2892699 2892699	2915235 2910797	ct ct
2,305	102 \$		87 1	1" and smaller 1" and smaller		6/20/2019	6	96	2892699	2910/9/ 2910817	ct ct
1,515	86 \$	8 1/2" Plastic	88 1	1" and smaller	6	6/20/2019	96	96	2893325	2903524	ct
1,559	114 \$ 76 \$	5 1/2" Plastic 8 1/2" Plastic	85 1	1" and smaller 1" and smaller		6/21/2019 6/21/2019	95 5	95	2858315	2885555	ect
2,055	76 \$	8 1/2" Plastic		1" and smaller 1" and smaller		6/21/2019	76	95	2858315	2885630	ect
1,516	110 \$	0 1/2" Plastic	100 1	1" and smaller	6	6/24/2019	36	96	2693363	2916899	ect
2,691	112 \$	0 1/2" Plastic	100 1	1" and smaller		6/24/2019	33	93	2858854	2899734	ect
1,420	113 \$ 60 \$	0 1/2" Plastic 0 1/2" Plastic	50 1	1" and smaller 1" and smaller		6/24/2019 6/24/2019	35	95	2858315 2858315	2885562 2885759	ject ject

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Service Installation Cost	Total Footage Retired	Size & Type Retired	Total Footage Installed	h Size Installed	Const Complete Date	ProjectName	Op District	Related WR	WR#	Type Project
2,993	65 \$ 89 \$	L/2" Plastic L/2" Plastic		6 1" and smaller 6 1" and smaller	6/24/2019 6/24/2019		95	2858315 2858315	2886053 2885628	ect ect
2,520	60 \$	L/2" Plastic	95 1/2	6 1" and smaller	6/24/2019		95	2858315	2885624	t
1,852	30 \$ 108 \$	L/2" Plastic L/2" Plastic		6 1" and smaller 6 1" and smaller	6/24/2019		95	2858315 2858315	2886175 2885631	
2,400	24 \$	L/2" Plastic		6 1" and smaller	6/24/2019 6/24/2019		95	2858315 2858315	2885631	
1,287	71 \$	1/2" Plastic	68 1/2	6 1" and smaller	6/24/2019		96	2892699	2906213	
1,267	102 \$ 109 \$	L/2" Plastic L/2" Plastic		6 1" and smaller 6 1" and smaller	6/24/2019 6/25/2019		96	2892699 2858854	2906219 2899730	
2,100	109 \$	1/2 Plastic	44 1/2 79 1/2	6 1" and smaller	6/25/2019		93	2858854	2899730	
5,097	111 \$	L/2" Plastic	275 1/2	6 1" and smaller	6/25/2019		93	2858854	2899727	t
1,357	112 \$ 119 \$	L/2" Plastic L/2" Plastic		6 1" and smaller	6/25/2019		93	2858854 2858854	2899736 2899735	t
1,625	119 \$	L/2" Plastic L/2" Plastic		6 1" and smaller 6 1" and smaller	6/25/2019 6/25/2019		93	2858854 2858854	2899735 2899733	t t
1,851	123 \$	L/2" Plastic	57 1/2	6 1" and smaller	6/25/2019		93	2858854	2899732	t
4,057	76 \$	L/2" Plastic	94 1/2	6 1" and smaller	6/25/2019		96	2892699	2906204	t
2,140	55 \$ 95 \$	I/2" Plastic I/2" Plastic		6 1" and smaller 6 1" and smaller	6/25/2019 6/25/2019		96	2892699	2916583 2886117	t t
1,995	135 \$	L/2" Plastic	73 1/2	6 1" and smaller	6/26/2019		93	2858854	2899739	t
1,491	112 \$	L/2" Plastic		6 1" and smaller	6/26/2019		93	2858854	2899737	t
2,107 6,226	85 \$ 89 \$	L/2" Plastic L/2" Plastic		6 1" and smaller 6 1" and smaller	6/26/2019 6/26/2019		96	2892699 2892699	2916562 2915381	t t
2,722	73 \$	L/2" Plastic	117 1/2	6 1" and smaller	6/26/2019		96	2892699	2915232	
1,861	53 \$	1/2" Plastic		6 1" and smaller	6/26/2019		96	2892699	2915222	
1,378	64 \$ 60 \$		74 1" S 30 3/4	6 1" and smaller 6 1" and smaller	6/26/2019 6/26/2019		97	2883559 2883559	2915432 2915423	
2,239	97 \$	I/2" Plastic		6 1" and smaller 6 1" and smaller	6/26/2019		97	2883559 2867745	2890459	
2,757	38 \$	L" Plastic	278 1" P	6 1" and smaller	6/26/2019		95	2858315	2886073	
2,805	57 \$	L" Steel	109 1" S	6 1" and smaller	6/26/2019		98	2906367	2914911 2914910	
2,527	50 \$ 28 \$	I/2" Plastic L" Steel	96 1/2 62 1" S	6 1" and smaller 6 1" and smaller	6/26/2019 6/26/2019		98	2906367 2906367	2914910 2914892	
2,571	140 \$	L/2" Plastic	97 1/2	6 1" and smaller	6/26/2019		98	2906367	2914908	
2,348	53 \$	L" Steel	83 1" S	6 1" and smaller	6/26/2019		98	2906367	2914909	
1,550	92 \$ 115 \$	3/4" Steel 3/4" Steel	42 3/4 47 3/4	6 1" and smaller 6 1" and smaller	6/27/2019 6/27/2019		95	2867745 2867745	2890442 2890725	
6,887	30 \$	L/2" Plastic	395 1/2	6 1" and smaller	6/27/2019		95	2858315	2886119	
1,755	98 \$	1/2" Plastic		6 1" and smaller	6/27/2019		96	2892699	2909796	
1,316 2,461	65 \$ 37 \$		23 1" S 89 1" S	6 1" and smaller 6 1" and smaller	6/27/2019 6/27/2019		98	2906367 2906367	2914914 2914913	
1,663	- 5	1/2" Plastic		6 1" and smaller	6/27/2019		98	2906367	2914915	
1,530	76 \$	1/2" Plastic	36 1/2	6 1" and smaller	6/27/2019		98	2906367	2914942	
1,515 2,479	71 \$ 146 \$	8/4" Steel L/2" Plastic	34 3/4	6 1" and smaller 6 1" and smaller	6/27/2019 6/28/2019		98	2906367 2858854	2914922 2899738	
2,479	146 5	3/4" Steel		6 1" and smaller	6/28/2019		93	2867745	2890223	
2,462	116 \$	3/4" Steel	55 3/4"	6 1" and smaller	6/28/2019		95	2867745	2890653	
2,326	23 \$		55 3/4	6 1" and smaller	6/28/2019		95	2867745	2890654	
6,166	68 \$ 57 \$	L/2" Plastic 8/4" Steel	285 1/2 49 3/4	6 1" and smaller 6 1" and smaller	6/28/2019 6/28/2019		95	2858315	2886120	
2,078	56 \$		72 3/4	6 1" and smaller	6/28/2019		98	2906367	2914917	
1,942	65 \$		61 1" S	6 1" and smaller	6/28/2019		98	2906367	2914919	
1,195 1,510	96 \$ 37 \$	3/4" Steel	46 3/4" 27 3/4	7 1" and smaller 7 1" and smaller	7/1/2019 7/1/2019		95	2867745 2867745	2890224 2890651	
1,571	44 \$		34 3/4	7 1" and smaller	7/1/2019		95	2867745	2890652	
1,430	127 \$		70 3/4	7 1" and smaller	7/1/2019		95	2867745	2890225	t
3,119 1,817	50 \$ 140 \$		50 1" P 70 1" P	7 2" plastic 7 1" and smaller	7/1/2019 7/1/2019		95	2693363 2858315	2905858 2886007	
1,446	109 \$	3/4" Steel	41 3/4'	7 1" and smaller	7/2/2019		95	2867745	2890732	
3,572	285 \$	L/2" Plastic		7 1" and smaller	7/2/2019		95	2858315	2886118	
1,850	177 \$ 171 \$	L/2" Plastic L/2" Plastic	80 1/2	7 1" and smaller 7 1" and smaller	7/3/2019 7/3/2019		95	2858315 2858315	2886122 2886121	
5,751	135 \$	1" Plastic	325 1" P	7 1" and smaller	7/3/2019		95	2858315	2920356	
1,121	90 \$	3/4" Steel	37 3/4	7 1" and smaller	7/8/2019		95	2867745	2890222	
1,675 2,653	10 \$ 109 \$	3/4" Steel	28 3/4 56 3/4	7 1" and smaller 7 1" and smaller	7/8/2019 7/8/2019		95	2867745 2867745	2890731 2890705	
2,653	91 \$	3/4" Steel	38 3/4	7 1" and smaller 7 1" and smaller	7/8/2019		95	2867745	2890705	
1,532	100 \$	3/4" Steel	42 3/4	7 1" and smaller	7/8/2019		95	2867745	2890648	
1,274	78 \$ 126 \$	I/2" Plastic 3/4" Steel		7 1" and smaller 7 1" and smaller	7/9/2019 7/9/2019		95	2867745 2867745	2890326 2890733	
1,587	95 \$	8/4" Steel	45 3/4 32 3/4	7 1" and smaller 7 1" and smaller	7/9/2019		95	2867745	2890733	
1,165	68 \$	3/4" Steel	58 3/4	7 1" and smaller	7/9/2019		95	2867745	2890129	
1,432	38 \$	3/4" Steel	30 3/4 31 3/4	7 1" and smaller 7 1" and smaller	7/9/2019 7/9/2019		95	2867745	2890124 2890128	
1,061	38 \$	3/4" Steel	28 3/4	7 1" and smaller 7 1" and smaller	7/9/2019 7/9/2019		95	2867745	2890128 2890130	
1,102	36 \$	3/4" Steel	29 3/4	7 1" and smaller	7/10/2019		95	2867745	2889913	
1,221	53 \$		49 3/4	7 1" and smaller	7/10/2019		95	2867745 2867745	2894745	
1,497	37 \$ 39 \$	3/4" Steel 3/4" Steel	27 3/4 28 3/4	7 1" and smaller 7 1" and smaller	7/10/2019 7/10/2019		95	2867745	2889920 2889919	
1,061	49 \$	3/4" Steel	29 3/4	7 1" and smaller	7/10/2019		95	2867745	2889916	
2,274	100 \$	8/4" Steel	50 3/4	7 1" and smaller	7/10/2019		95	2867745	2922619	
1,486	115 \$ 66 \$	8/4" Steel 8/4" Steel	38 3/4 30 3/4	7 1" and smaller 7 1" and smaller	7/10/2019 7/11/2019		95	2867745 2867745	2889917 2894754	
1,522	78 \$	L/2" Plastic	34 1/2	7 1" and smaller	7/11/2019		95	2867745	2894774	
2,540	46 \$	3/4" Steel	30 3/4	7 1" and smaller	7/12/2019		95	2867745	2889912	
1,405 1,422	108 \$ 48 \$	3/4" Steel L/2" Plastic	77 3/4	7 1" and smaller 7 1" and smaller	7/12/2019 7/13/2019		95	2867745 2867745	2889914 2894779	
1,070	41 \$	3/4" Steel	30 3/4	7 1" and smaller	7/15/2019		95	2867745	2890850	
1,940	84 \$	3/4" Steel	38 3/4	7 1" and smaller	7/15/2019		95	2867745	2890853	
1,649	46 \$ 41 \$	I/2" Plastic I/2" Plastic		7 1" and smaller 7 1" and smaller	7/15/2019		95	2867745 2867745	2894873 2894854	
1,168	41 \$ 39 \$		31 1/2 27 3/4	7 1" and smaller 7 1" and smaller	7/15/2019 7/15/2019		95	2867745	2894854 2890870	
1,317	38 \$	3/4" Steel	29 3/4	7 1" and smaller	7/15/2019		95	2867745	2890869	
1,416	91 \$	L/2" Plastic	36 1/2	7 1" and smaller	7/15/2019		95	2867745	2894777	
1,088	46 \$ 89 \$	8/4" Steel L/2" Plastic		7 1" and smaller 7 1" and smaller	7/15/2019 7/15/2019		95	2867745 2867745	2890840 2894778	
1,616	61 \$	8/4" Steel		7 1" and smaller 7 1" and smaller	7/15/2019 7/16/2019		95	2867745	2894778 2889915	
1,140	38 \$	3/4" Steel	30 3/4	7 1" and smaller	7/16/2019		95	2867745	2894755	
1,955	123 \$	L/2" Plastic		7 1" and smaller	7/16/2019		95	2867745	2894736 2894872	
1,351	152 \$ 32 \$	I/2" Plastic 8/4" Steel	61 1/2 22 3/4	7 1" and smaller 7 1" and smaller	7/16/2019 7/16/2019		95	2867745 2867745	2894872 2894750	
865	10 \$	3/4" Steel		7 1" and smaller 7 1" and smaller	7/16/2019		95	2867745	2899750	:

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment C to Reply Comments - Revised Exhibit E 2019 Right-of-Way Road Relocation Projects Page 19 of 20

#### [PRIVATE DATA BEGINS...

NormN	320         \$           243         \$           843         \$           99         \$           91         \$           97         \$           98         \$           99         \$           40         \$           40         \$           100         \$           110         \$           110         \$           90         \$           44         \$           90         \$           44         \$           90         \$           44         \$           90         \$           44         \$           90         \$           44         \$           90         \$           44         \$           90         \$           40         \$           -         \$           886         \$           -         \$           886         \$           -         \$           886         \$           90         \$           -         \$      8	Service Installation Coit 4,396,83 3,292,83 2,151,32 2,255,46 2,455,76 2,455,76 2,455,76 1,055,77 1,00,423 1,055,77,85 3,353,72,85 3,353,75 3,355,75 3,
	243         \$           65         \$           65         \$           59         \$           59         \$           38         \$           39         \$           40         \$           312         \$           119         \$           32         \$           1193         \$           934         \$           110         \$           96         \$           96         \$           96         \$           96         \$           96         \$           977         \$           40         \$           110         \$           96         \$           96         \$           98         \$           1         \$           84         \$           105         \$           110         \$           81         \$           1         \$           84         \$           105         \$           26         \$           88         \$	3,299,88 2,142,32 2,540,92 2,155,46 2,449,73 1,065,96 1,130,77 1,104,23 1,006,05 1,055,87 2,2005,01 1,041,23 3,077,85 3,307,26 3,307,25 3,
InstructJuly 200July 2	65         S           83         S           99         S           199         S           47         S           49         S           40         S           32         S           119         S           121         S           125         S           129         S           40         S           4100         S           42         S           43         S           44         S           45         S           46         S           47         S           48         S <tr< td=""><td>2,42,32 2,340,92 2,355,46 2,440,73 1,065,96 1,130,77 1,104,23 1,080,05 1,105,05 1,063,87 2,800,50 1,747,71 3,377,85 3,383,26 3,939,20 8,848,82 9,939,30 1,822,11 1,622,46 2,787,25 3,397,10 1,551,00 2,282,74 1,604,80</td></tr<>	2,42,32 2,340,92 2,355,46 2,440,73 1,065,96 1,130,77 1,104,23 1,080,05 1,105,05 1,063,87 2,800,50 1,747,71 3,377,85 3,383,26 3,939,20 8,848,82 9,939,30 1,822,11 1,622,46 2,787,25 3,397,10 1,551,00 2,282,74 1,604,80
IndefaultDelay <td>83         \$           59         \$           59         \$           38         \$           47         \$           40         \$           32         \$           119         \$           32         \$           155         \$           157         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           94         \$           105         \$           566         \$           81         \$           1         \$           88         \$           566         \$           81         \$           10         \$           10         \$           10         \$      1</td> <td>2 2540 92 2, 255 56 2, 2449, 73 1, 065 96 1, 1, 130, 77 1, 104, 23 1, 208, 05 1, 105, 05 1, 105, 05 1, 105, 05 1, 104, 23 1, 105, 05 1, 104, 23 3, 33, 25 3, 34, 25 3, 347, 15 1, 25, 27 3, 397, 19 1, 351, 100 2, 28, 28 1, 104, 80</td>	83         \$           59         \$           59         \$           38         \$           47         \$           40         \$           32         \$           119         \$           32         \$           155         \$           157         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           93         \$           94         \$           105         \$           566         \$           81         \$           1         \$           88         \$           566         \$           81         \$           10         \$           10         \$           10         \$      1	2 2540 92 2, 255 56 2, 2449, 73 1, 065 96 1, 1, 130, 77 1, 104, 23 1, 208, 05 1, 105, 05 1, 105, 05 1, 105, 05 1, 104, 23 1, 105, 05 1, 104, 23 3, 33, 25 3, 34, 25 3, 347, 15 1, 25, 27 3, 397, 19 1, 351, 100 2, 28, 28 1, 104, 80
	19         \$           38         \$           47         \$           40         \$           36         \$           32         \$           119         \$           32         \$           135         \$           175         \$           193         \$           903         \$           904         \$           110         \$           566         \$           566         \$           1         \$           88         \$           26         \$           888         \$           26         \$           88         \$           26         \$           88         \$           26         \$           88         \$           26         \$	2,449,73 1,065,96 1,130,77 1,104,23 1,208,05 1,050,55 1,063,87 2,600,50 1,741,71 3,373,78 3,333,26 3,939,26 3,939,20 1,222,11 1,621,46 2,378,25 3,397,19 1,351,00 2,282,74 1,604,80
	38         \$           47         \$           49         \$           40         \$           36         \$           32         \$           119         \$           119         \$           110         \$<	1,065,96 1,130,77 1,104,23 1,208,05 1,105,05 1,063,87 2,600,53 1,741,57 3,577,85 3,839,263,839,26 3,839,26 3,839,263,839,26 3,839,26 3,839,263,839,26 3,839,26 3,839,263,839,26 3,839,26 3,839,263,240,26 3,240,26,263,240,26 3,240,26 3,240,263,240,26 3,240,263,240,26 3,240,263,240,26 3,240,263,240,26 3,240,263,240,26 3,240,263,240,26 3,240,263,240,26 3,240,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26 3,250,263,250,26,263,250,26 3,250,263,250,263,250,26 3,250,263,250,
Index Pice277.2028.000977.40007710 standard4347 seqMax Pice277.2028.00028.0002828.000028.000	47 \$ 49 \$ 40 \$ 32 \$ 119 \$ 25 \$ 129 \$ 125 \$ 129 \$ 125 \$ 129 \$ 125 \$ 129 \$ 125 \$ 129 \$ 125 \$ 129 \$ 125 \$ 129 \$ 125 \$ 129 \$ 10 \$ 5 10 \$ 5 10 \$ 5 1 \$ 40 \$ 5 1 \$ 40 \$ 5 1 \$ 88 \$ 105 \$ 26 \$ 12 \$ 88 \$ 5 26 \$ 26 \$ 88 \$ 5 26 \$ 26 \$ 26 \$ 26 \$ 26 \$ 26 \$ 26 \$ 26 \$	1,130.77 1,104.23 1,208.05 1,05.05 1,05.387 2,600.50 1,741.71 3,839.25 3,839.25 3,939.2
Non-Finder27.2120.010407111101001000<	49         \$           40         \$           36         \$           32         \$           119         \$           119         \$           110         \$           90         \$           44         \$           69         \$           69         \$           69         \$           69         \$           60         \$           60         \$           60         \$           60         \$           60         \$           60         \$           60         \$           6         \$           6         \$           10         \$           110         \$           6         \$           6         \$           10         \$           10         \$           110         \$           12         \$	1,104,23 1,208,05 1,105,05 1,063,87 2,600,50 1,741,71 3,577,85 3,839,263,839,26 3,839,263,339,26 3,339,26 3,339,263,339,26 3,339,263,339,26 3,339,263,339,26 3,3
	36 s 32 s 319 s 119 s 119 s 117 s 90 s 44 s 110 s 77 s 41 s 69 s - s 44 s 40 s - s 44 s 40 s - s 88 s 105 s 26 s 88 s 105 s 26 s 88 s 105	1,105,05 1,063,87 2,600,50 1,741,71 3,577,85 3,839,26 3,839,26 8,844,82 9,939,30 1,622,11 1,621,46 2,378,25 3,397,19 1,551,00 2,328,74 1,604,80
Inder prict37.7038.69MTT	32         \$           119         \$           1185         \$           1175         \$           193         \$           90         \$           44         \$           110         \$           77         \$           44         \$           566         \$           84         \$           0         \$           5         \$           84         \$           10         \$           2         \$           88         \$           105         \$           266         \$           88         \$           105         \$           266         \$           88         \$           26         \$           88         \$           32         \$	1,063,87 2,600,50 1,741,71 3,577,85 3,839,25 884,82 939,30 1,822,11 1,621,46 2,378,25 3,397,19 1,515,00 2,328,74 1,604,80
Nat Privet         29729         29809         9         1/2/2029         7         1° and sinder         124         1/4° Start           Nat Privet         291110         291203         9         7/2/2029         7         1° and sinder         120         1/1° Privet           Nat Privet         292753         28605         9         7/2/2029         7         1° and sinder         120         1/1° Privet           Nat Privet         292753         28605         9         7/2/2029         7         1° and sinder         120         100	119 S 185 S 175 S 193 S 90 S 44 S 110 S 777 S 41 S 69 S 86 S - S 84 S - S 84 S - S 88 S 105 S 105 S 26 S 88 S 26 S 88 S 26 S 88 S 105 S 1	2,600,50 1,741,71 3,577,85 3,839,26 3,839,26 3,839,26 8,844,82 9,939,30 1,622,11 1,621,46 2,378,25 3,397,19 1,551,00 2,328,74 1,604,80
Notaf Price91139123991/1/C/10371' a' aduallar1051/2' Price105Notaf Price2312323123231232312323123100 <td>1125         S           1175         S           1193         S           900         S           44         S           1100         S           777         S           44         S           100         S           586         S           -         S           110         S           200         S           88         S           105         S           266         S           88         S           265         S           88         S           22         S</td> <td>1,741,71 3,577,85 3,830,26 397,08 884,82 9,993,00 1,822,11 1,621,46 2,378,25 3,397,19 1,351,00 2,328,74 1,604,80</td>	1125         S           1175         S           1193         S           900         S           44         S           1100         S           777         S           44         S           100         S           586         S           -         S           110         S           200         S           88         S           105         S           266         S           88         S           265         S           88         S           22         S	1,741,71 3,577,85 3,830,26 397,08 884,82 9,993,00 1,822,11 1,621,46 2,378,25 3,397,19 1,351,00 2,328,74 1,604,80
Nake Privet         23113         24123         24123         24123         24124         1 <t< td=""><td>175 S 193 S 90 S 44 S 110 S 77 S 41 S 69 S 84 S - S 84 S - S 88 S 105 S 26 S 88 S 26 S 88 S 26 S 88 S</td><td>3,577 85 3,839,26 397,08 884,82 939,30 1,622,41 1,621,46 2,778,25 3,397,19 1,515,00 2,282,74 1,604,80</td></t<>	175 S 193 S 90 S 44 S 110 S 77 S 41 S 69 S 84 S - S 84 S - S 88 S 105 S 26 S 88 S 26 S 88 S 26 S 88 S	3,577 85 3,839,26 397,08 884,82 939,30 1,622,41 1,621,46 2,778,25 3,397,19 1,515,00 2,282,74 1,604,80
Ned Priyet     27324     28605     9       Ned Priyet     273240     28605     9       Ned Priyet     27243     29350     9       Ned Priyet     29243     29350     9       Ned Priyet     29243     29350     9       Ned Priyet     29243     29350     9       Ned Priyet     29244     29250     9       Ned Priyet     29246     29250     9       Ned Priyet     29240     9     14 India     9       Ned Priyet     29240     9     14 India     9       Ned Priyet     292400     9     1	90 \$ 44 \$ 110 \$ 77 \$ 411 \$ 69 \$ - 69 \$ - 84 \$ 40 \$ - 1 \$ 88 \$ 105 \$ 26 \$ 88 \$ 26 \$ 88 \$ 26 \$ 88 \$ 22 \$	397.08 884.82 993.30 1,622.11 1,621.46 2,778.25 3,397.19 1,351.00 2,282.74 1,604.80
Inder Price:         22409         241039         94         4/5*set         224103         94         4/5*set         92         94	44 \$ 110 \$ 777 \$ 41 \$ 69 \$ 586 \$ 586 \$ 5 40 \$ 5 40 \$ 1 \$ 888 \$ 1 \$ 888 \$ 26 \$ 26 \$ 888 \$ 26 \$ 32 \$	884.82 939.30 1,822.11 1,621.46 2,378.25 3,397.19 1,351.00 2,328.74 1,604.80
Ned Priget:         9.19.237         9.19.237         9.1 "originalized"         66         1/7 Prints'           Ned Priget:         2.2011         2.2013         0.1         7.4".odd indiant"         68         1/7 Prints'           Ned Priget:         2.2014         2.2014         0.0         1' Start         0.0         1' Start           Ned Priget:         2.2004         0.00         1' and indiant"         0.0         1' Start           Ned Priget:         2.2004         0.00         1' and indiant"         0.0         1' Start           Ned Priget:         2.20040         0.00         1' and indiant"         0.0         1' Prints'           Ned Priget:         2.20040         0.00         0.0         1' and indiant"         0.0         1' Prints'           Ned Priget:         2.20040         0.00         0.0         1' and indiant"         0.0         1' Prints'           Ned Priget:         2.20040         0.0         0.0         1' and indiant"         0.0         1' Prints'           Ned Priget:         2.20140         2.20040         0.0         1' and indiant"         0.0         1' Prints'           Ned Priget:         2.20140         2.20040         0.0         1' and indiant"	110 \$ 77 \$ 41 \$ 69 \$ 586 \$ - \$ 84 \$ 40 \$ - \$ 5 1 \$ 88 \$ 105 \$ 26 \$ 88 \$ 105 \$ 26 \$	999.30 1,822.11 1,621.46 2,378.25 3,397.19 1,351.00 2,328.74 1,604.80
Nod Privet       29380       29380       30       30       1' and smaller       30       1/7 Pinkte         Nod Privet       29380       29380       60       777/0000       1' and smaller       60       1/7 Pinkte         Nod Privet       29380       29300       60       777/0000       1' and smaller       60       1/7 Pinkte         Nod Privet       29382       29300       60       777/0000       1' and smaller       60       1/7 Pinkte         Nod Privet       29382       29300       60       777/0000       1' and smaller       60       1/7 Pinkte         Nod Privet       29384       29300       60       777/0000       1' and smaller       60       1/7 Pinkte         Nod Privet       29384       29300       60       771/0000       1' and smaller       60       1/7 Pinkte         Nod Privet       29384       29309       60       771/0000       1' and smaller       60       1/7 Pinkte         Nod Privet       29380       29300       60       771/0000       1' and smaller       60       1/7 Pinkte         Nod Privet       29380       29300       60       771/0000       1' and smaller       60       1/7 Pinkte	41 \$ 69 \$ 586 \$ - \$ 84 \$ 40 \$ - \$ 1 \$ 88 \$ 105 \$ 26 \$ 88 \$ 32 \$	1,621.46 2,378.25 3,397.19 1,351.00 2,328.74 1,604.80
Nod Privet       920243       290243       99024       9         Nod Privet       290348       290349       9       12 and smaller       91 12 and smaller       91 12 and smaller         Nod Privet       292847       29389       9       12 and smaller       91 12 and smaller </td <td>69 \$ 586 \$ - \$ 84 \$ 40 \$ - \$ 1 \$ 88 \$ 105 \$ 26 \$ 88 \$ 32 \$</td> <td>2,378.25 3,397.19 1,351.00 2,328.74 1,664.80</td>	69 \$ 586 \$ - \$ 84 \$ 40 \$ - \$ 1 \$ 88 \$ 105 \$ 26 \$ 88 \$ 32 \$	2,378.25 3,397.19 1,351.00 2,328.74 1,664.80
Ned Priget:         290034         290034         9         1 * ind smiller         1 * ind smiller         1 * ind smiller           Ned Priget:         292887         292590         9         77/2003         7 * ind smiller         100         1 * Pasic           Ned Priget:         292887         292590         9         7 * ind smiller         100         1 * Pasic           Ned Priget:         293884         293590         9         7 * ind smiller         100         1 * Pasic           Ned Priget:         293884         293590         9         7 * ind smiller         100         1 * Pasic           Ned Priget:         293884         293590         9         7 * ind smiller         15         1 * Pasic           Ned Priget:         284907         293893         9         7 * ind smiller         15         1 * Pasic           Ned Priget:         284907         293805         9         8         1 * ind smiller         15         1 * * Pasic           Ned Priget:         293076         284005         9         8 * ind smiller         16         1 * * * * * * * * * * * * * * * * * * *	586 \$ - \$ 84 \$ 40 \$ - \$ 1 \$ 88 \$ 105 \$ 26 \$ 26 \$ 32 \$	3,397.19 1,351.00 2,328.74 1,604.80
Incode Project       29288/2       29258/9       96       17/20/269       7       1 and standard       66       1 and standard       67       1 and standard       67       1 and standard       67       1 and standard       68       1	- \$ 84 \$ 40 \$ - \$ 1 \$ 88 \$ 105 \$ 26 \$ 26 \$ 32 \$	1,351.00 2,328.74 1,604.80
Rod Pringet:       29288/5       29288/5       29288/5       9       17/19/203       7       1" and manifer       51       17/2" Plantic         Rod Pringet:       29288/5       29300       0       7       1" and manifer       31       17/2" Plantic         Rod Pringet:       29380/7       29300/7       29300/7       1" and manifer       31       17       18       17       18       17       18       17       18       17       18       17       18	40 \$ - \$ 1 \$ 88 \$ 105 \$ 26 \$ 88 \$ 32 \$	2,328.74 1,604.80
Inder Project       29286/2<	40 \$ - \$ 1 \$ 88 \$ 105 \$ 26 \$ 88 \$ 32 \$	1,604.80
Road Project       293104       290009       8       1* land number       5       1* land number         Road Project       283400       28500       285135       9       731/2019       7       1* and number       55       1/* Stell         Road Project       2931789       202039       5       8//2019       8       1* and number       97       1* not number       9       1/* Instruct       1         Road Project       2931789       202039       5       8//2019       8       1* and number       97       1/* Instruct       1       1       1/* Instruct       1       1/* Instruct       1       1/* Instruct       1       1       1/* Instruct       1       1       1/* Instruct       1       1       1/* Instruct       1       1/* Instruct       1       1/* Instruct       1       1       1/* Instruct       1       1       1/* Instruct       1       1/* Instruct       1       1/* Instruct       1       1       1/* Instruct       1       1       1/* Instruct       1       1/* Instruct       1       1/* Instruct       1       1/* Instruct       1/* Instruct <td>1 \$ 88 \$ 105 \$ 26 \$ 88 \$ 32 \$</td> <td>1 010 00</td>	1 \$ 88 \$ 105 \$ 26 \$ 88 \$ 32 \$	1 010 00
Road Project       2884947       203383       95         Road Project       28500       28815       95         Road Project       293779       200209       95         Road Project       293075       280005       95         Road Project       293075       280005       95         Road Project       293076       280005       95         Road Project       293076       280005       95         Road Project       293076       280005       95         Road Project       2934702       203381       95         Road Project       2934702       203381       95         Road Project       293756       290209       95         Road Project       293756       290209       95         Road Project       293750       280805       95         Road Project       293750       280805       95         Road Project       293050       283539       97         Road Project       293050       28	88 \$ 105 \$ 26 \$ 88 \$ 32 \$	
Rad Project       284500       285815       9       // 12/039       9       1 of shaller       9       1/4" Stell         Rad Project       291749       29209       5       1 "ad straider       9       Nore       0         Rad Project       291749       29209       5       1 "ad straider       28       1 "ad straider       1 1 "ad straider <td>105 \$ 26 \$ 88 \$ 32 \$</td> <td>832.32 3.190.78</td>	105 \$ 26 \$ 88 \$ 32 \$	832.32 3.190.78
Road Project       291749       2902309       95         Road Project       291749       2902307       288085       95         Road Project       2930176       288085       95       81 '' and smaller       253       34'' steel         Road Project       2930176       288085       95       81 '' and smaller       253       34'' steel       96         Road Project       2930176       288085       95       81 '' and smaller       95       34'' steel       96         Road Project       288068       288085       95       81 '' and smaller       63       12'' Platist         Road Project       288070       288073       95       81 '' and smaller       93       14'' redistance         Road Project       291767       288005       95       81///2019       81 '' and smaller       93       14'' redistance         Road Project       291767       288005       95       81///2019       81 '' and smaller       93       14'' Platistc         Road Project       291050       288055       97       81///2019       81 '' and smaller       91       14'' Platistc         Road Project       291050       288055       97       81///2019       81 '' and smaller       91<	26 \$ 88 \$ 32 \$	2.407.28
Road Project       2390376       288005       95         Road Project       2390370       288005       95         Road Project       288498       258815       95         Road Project       288498       258815       95         Road Project       288490       258815       95         Road Project       288493       258815       95         Road Project       2917596       290363       95         Road Project       2917596       290128       95         Road Project       291507       28005       95         Road Project       291507       28005<	32 \$	2,397.73
Road Project       2930.70       288085       95         Road Project       284096       285315       95         Road Project       284090       285315       95         Road Project       284090       285315       95         Road Project       284070       8 1° and smaller       95       1/2° Platic         Road Project       284702       29333       95       8/2/2019       8 1° and smaller       90       1/2° Platic         Road Project       291156       290209       95       8/2/2019       8 1° and smaller       91       1/2° Platic         Road Project       291156       290209       95       8/2/2019       8 1° and smaller       12       1/2° Platic         Road Project       291156       290209       95       8/2/2019       8 1° and smaller       13       1/4° Steel         Road Project       291053       290209       95       8/2/2019       8 1° and smaller       13       1/4° Steel         Road Project       291053       290209       95       8/2/2019       8 1° and smaller       10       1/2° Platic         Road Project       291053       292039       95       8/2/2019       8 1° and smaller       10       1/2° Platic		5,905.03
Road Project       2884968       288315       95         Road Project       288490       288315       95         Road Project       2884930       288315       95         Road Project       2884930       288315       95         Road Project       2884930       288315       95         Road Project       291756       290239       95         Road Project       291756       2902182       95         Road Project       291507       286085       95         Road Project       291503       286085       97         Road Project       291603       2902030       95         Road Project       291603       286315       95         Road Project       291603       286315       95         Road Project       280204       28315       95         Road Project       280205       288315       95         Road Project       280203 <t< td=""><td>40 Ś</td><td>1,004.89</td></t<>	40 Ś	1,004.89
Raad Project       288409       288315       9         Raad Project       288402       288305       95         Raad Project       2884702       2693363       95         Raad Project       281702       2693363       95         Raad Project       291356       2902399       95         Raad Project       291357       290328       95         Raad Project       291356       290329       95         Raad Project       293050       288359       97         Raad Project       293050       288359       97         Raad Project       291367       2902399       95         Raad Project       281351       95       8/7/2019       8.1 and smaller       310       12" Plastic         Raad Project       285305       2858315       95       8/7/2019       8.1 and smaller       310       12" Plastic         Raad Project       285303       2858315       95       8/7/2019       8.1 and smaller       310       12" Plastic	40 S 48 S	1,579.86
Baad Project       284/02       293353       95       81/2/019       81 and smaller       1/0       1/2 Plastic         Baad Project       2921355       2920329       95       81/2019       81 and smaller       31/4 "Steel         Baad Project       293050       2828055       95       81/2019       81 and smaller       32 2"Steel         Baad Project       293050       2828059       97       81/2019       81 and smaller       38 4"Steel         Baad Project       293050       283835       97       81/2019       81 and smaller       31/1 "Plastic         Baad Project       291057       2920390       95       81/2019       81 and smaller       31/1 "Plastic         Raad Project       282805       2828815       95       81/2019       81 and smaller       31/1 "Plastic         Raad Project       282802       2828815       95       81/2019       81 and smaller       31/1 "Plastic         Raad Project       282802       2828815       95       81/2019       81 and smaller       31/1 "Plastic         Raad Project       282802       2828815       95       81/2019       81 and smaller       31/1 "Plastic         Raad Project       2910432       2900587       95	65 \$	1,881.80
Raad Project       291/396       2902/396       95       3// 4/ Steel       95         Raad Project       2919/30       280805       95       3/// 2019       8 1° and smaller       3// 2/ Steel         Raad Project       2919/30       280805       95       3// 2/019       8 1° and smaller       3// 4/ Steel         Raad Project       291807       288359       97       5//2019       8 1° and smaller       3// 4/ Steel         Raad Project       291807       2902039       95       5//2019       8 1° and smaller       10       1/2° Plastic         Raad Project       288505       288315       95       5//2019       8 1° and smaller       10       1/2° Plastic         Raad Project       288505       288315       95       8//2019       8 1° and smaller       10       1/2° Plastic         Raad Project       288504       288315       95       8//2019       8 1° and smaller       10       1/2° Plastic         Raad Project       288504       288315       95       8//2019       8 1° and smaller       3/4' Steel         Raad Project       288623       286313       95       8//2019       8 1° and smaller       10       1/2' Plastic         Raad Project       296357	65 \$	1,865.95
Raad Project       2921350       2920329       95         Raad Project       2930050       2880850       97         Raad Project       2930050       288359       97         Raad Project       293050       288359       97         Raad Project       291052       2902399       95         Raad Project       291787       2902399       95         Raad Project       2828351       95       8/7/009       8.1° and smaller       310       12° Piastic         Raad Project       288505       2858315       95       8/7/009       8.1° and smaller       310       12° Piastic         Raad Project       288504       2858315       95       8/7/009       8.1° and smaller       310       12° Piastic         Raad Project       288503       2858315       95       8/7/009       8.1° and smaller       305       12° Piastic         Raad Project       288504       2858315       95       8/7/009       8.1° and smaller       305       12° Piastic         Raad Project       294322       296657       96       8/7/009       8.1° and smaller       305       12° Piastic         Raad Project       294322       296657       97       812/2019       <	223 \$	4,526.42
Raad Project       291907       288005       95         Raad Project       2918053       290209       95         Raad Project       288506       288315       95         Raad Project       288505       288315       95         Raad Project       288504       288315       95         Raad Project       288505       288315       95         Raad Project       288504       288315       95         Raad Project       288503       288315       95         Raad Project       296365       280322       93         Raad Project       295350       290326       93         Raad Project       291359 <t< td=""><td>41 \$ 40 \$</td><td>2,033.29 2,633.45</td></t<>	41 \$ 40 \$	2,033.29 2,633.45
Road Project       293050       288359       97       58       3/4 Steel         Road Project       291767       2902399       95       68/7/009       8' and smaller       37       1* plastic         Road Project       291767       2902399       95       68/7/009       8' and smaller       37.1       1* plastic         Road Project       285825       2858315       95       68/7/009       8' and smaller       310       1/2* Plastic         Road Project       285820       2858315       95       68/7/009       8' and smaller       305       1/2* Plastic         Road Project       285820       2858315       95       68/7/009       8' and smaller       305       1/2* Plastic         Road Project       285820       2858315       95       8/7/009       8' and smaller       305       1/2* Plastic         Road Project       294592       296567       95       8/7/009       8' and smaller       35       4/5 steel         Road Project       294592       2900782       9       8/7/009       8' and smaller       30       1/2* Plastic         Road Project       294592       290782       9       8/12/009       8' and smaller       101       4/5 steel	2 \$	603.01
Road Project         291/87         2902/97         291/87         2902/97         11/27 Plastic           Road Project         2858/05         2858/15         95         8/1 and smaller         310         1/27 Plastic           Road Project         2858/05         2858/15         95         8/1/2019         8.1 and smaller         310         1/27 Plastic           Road Project         2858/05         2858/15         95         8/1/2019         8.1 and smaller         310         1/27 Plastic           Road Project         2858/05         2858/15         95         8/1/2019         8.1 and smaller         305         1/27 Plastic           Road Project         2858/05         2858/05         95         8/1/2019         8.1 and smaller         305         1/27 Plastic           Road Project         291/93/2         2906/67         9         8/1/2019         8.1 and smaller         35         4/4 Steel           Road Project         291/93/2         2907/82         9         8/1/2019         8.1 and smaller         101         4/3 Steel           Road Project         291/52         2907/82         9         8/1/2/2019         8.1 and smaller         101         4/3 Steel           Road Project         291/52	75 \$	1,381.12
Back Project         2885208         288815         95         8///2019         8.1° and smaller         10.102° Plantic           Raak Project         2885205         2888315         95         6///2019         8.1° and smaller         310.102° Plantic           Raak Project         2885204         2885205         95         6///2019         8.1° and smaller         310.102° Plantic           Raak Project         2885203         2883015         95         6///2019         8.1° and smaller         305.1/2° Plantic           Raak Project         2885203         2883015         95         6///2019         8.1° and smaller         305.1/2° Plantic           Raak Project         2914952         2906367         96         6///2019         8.1° and smaller         16.1         3/4° Steel           Raak Project         2915361         2907382         93         8/1/2019         8.1° and smaller         101.3/4° Steel           Raak Project         2915362         2907382         93         8/1/2019         8.1° and smaller         101.3/4° Steel           Raak Project         2915362         2907382         93         8/1/2019         8.1° and smaller         101.3/4° Steel           Raak Project         2915362         2907382         93 <t< td=""><td>25 \$</td><td>3,416.57</td></t<>	25 \$	3,416.57
Raad Project       2883:05       2283815       95       8///2019       8.1° ad smaller       310       1/2° Plastic         Raad Project       2885:04       2283815       95       8//2019       8.1° ad smaller       305       1/2° Plastic         Raad Project       2885:03       2288315       95       8//2019       8.1° ad smaller       305       1/2° Plastic         Raad Project       2816/32       2285815       95       8//2019       8.1° ad smaller       305       1/2° Plastic         Raad Project       2916/32       29005/87       96       8//2019       8.1° ad smaller       35       34° Steel         Raad Project       2915/30       290782       93       8//2019       8.1° ad smaller       101       1/4° Steel         Raad Project       2915/30       290782       93       8//2019       8.1° ad smaller       101       1/4° Steel         Raad Project       2915/30       290782       93       8//2019       8.1° ad smaller       101       1/4° Plastic         Raad Project       2915/30       290782       93       8//2/2019       8.1° ad smaller       101       1/4° Plastic         Raad Project       2915/30       290782       93       8//2/2019 <td< td=""><td>174 \$ 3 \$</td><td>3,068.43 776.94</td></td<>	174 \$ 3 \$	3,068.43 776.94
Raad Project         2885204         2885315         95         8/8/2019         8.1° and smaller         215         1/2° Plastic           Raad Project         286303         2858315         95         8/8/2019         8.1° and smaller         305         1/2° Plastic           Raad Project         2866123         2858315         95         8/8/2019         8.1° and smaller         75         1/2° Plastic           Raad Project         2910561         2900567         96         8/8/2019         8.1° and smaller         3/4° Steel           Raad Project         291551         290782         93         8/12/019         8.1° and smaller         101         3/4° Steel           Raad Project         2915562         290782         93         8/12/019         8.1° and smaller         101         3/4° Steel           Raad Project         2915562         290782         93         8/12/019         8.1° and smaller         101         3/4° Steel           Raad Project         2915562         290782         93         8/12/019         8.1° and smaller         91         3/4° Steel           Raad Project         2915562         290782         93         8/12/019         8.1° and smaller         91         3/4° Steel	3 S 51 S	6.614.80
Raad Project         2885/03         2885/15         95         8////019         8.1° and smaller         305         1/2° Plantic           Raad Project         2916/92         29268315         95         8///019         8.1° and smaller         7//2° Plantic           Raad Project         2916/92         29268315         95         8///019         8.1° and smaller         65         3/4 "steel           Raad Project         2916/92         290782         93         812/0219         8.1° and smaller         101         1/4 "Steel           Raad Project         2915/92         290782         93         812/0219         8.1° and smaller         101         1/4 "Steel           Raad Project         2915/82         290782         93         812/0219         8.1° and smaller         101         1/4 "Steel           Raad Project         2915/82         290782         9         812/0219         8.1° and smaller         13/4 "Steel           Raad Project         2919/82         290782         9         812/0219         8.1° and smaller         13/4 "Steel           Raad Project         2919/36         290782         9         812/0219         8.1° and smaller         13/4 "Steel           Raad Project         2919/36         29	420 \$	4,269.57
Road Project         291932         290567         96         1* dard smaller         85         34* Steel           Road Project         291530         2907382         9         81* dard smaller         101         1/2* Plastic           Road Project         291530         2907382         9         81* dard smaller         101         1/4* Steel           Road Project         291530         2907382         9         81* dard smaller         101         1/4* Plastic           Road Project         291530         2907382         9         81* dard smaller         103         1/2* Plastic           Road Project         291530         2907382         9         81* dard smaller         103         1/2* Plastic           Road Project         291530         2907382         9         81* 20209         81* dard smaller         13         1/2* Plastic           Road Project         291936         2907382         9         81* 20209         81* dard smaller         13         14* Steel           Road Project         292936         2907382         9         9         81* 20209         81* dard smaller         10         10* Plastic           Road Project         285837         2858315         9         9         81	312 \$	5,772.24
Raad Project         2915361         2907282         93         81/2/2019         81' and smaller         116'         12' Plantic           Raad Project         2915363         2907282         93         81/2/2019         81' and smaller         130'         12' Plantic           Raad Project         2915363         2907282         93         81/2/2019         81' and smaller         130'         12' Plantic           Raad Project         2915363         2907282         93         81'/2/2019         81' and smaller         16'         1/2' Plantic           Raad Project         2915363         2907282         93         81'/2/2019         81' and smaller         91'//2' Plantic           Raad Project         2915363         2907282         93         81'//2/2019         81' and smaller         91'/2' Plantic           Raad Project         2919236         2907282         93         81/12/2019         81' and smaller         91'/2' Plantic           Raad Project         2919236         2907282         93         81/12/2019         81' and smaller         91'/2' Plantic           Raad Project         2858279         2858315         95         81/12/2019         81' and smaller         60'/2' Plantic           Raad Project         285837 <td>65 \$</td> <td>2,034.79</td>	65 \$	2,034.79
Road Project         291539         290782         99         81/2/2019         81'ad smaller         101         J/4* Steel           Road Project         291536         2907082         99         81'ad smaller         103         1/2* Plastic           Road Project         291536         2907082         99         81'ad smaller         154         1/2* Plastic           Road Project         291536         2907082         99         81'ad smaller         13/4* Steel           Road Project         291936         2907082         99         81'ad smaller         13/4* Steel           Road Project         291936         2907082         99         81'ad smaller         51         None           Road Project         291936         2907082         95         81/2/2019         81'ad smaller         51         None           Road Project         285828         2858315         95         81/2/2019         81'ad smaller         60         1*Plastic           Road Project         285837         2858315         95         81/2/2019         81'ad smaller         101         1/2* Plastic	71 \$ 100 \$	2,332.70 2,259.19
Raad Project         291583         290782         93         81/2/019         8.1° and smaller         130         12° Plastic           Raad Project         291580         290782         93         81/2/019         8.1° and smaller         151         1/2° Plastic           Raad Project         291580         290782         93         8/12/019         8.1° and smaller         91         3/4° Steel           Raad Project         291928         290782         93         8/12/019         8.1° and smaller         91         3/4° Steel           Raad Project         291928         290782         93         8/12/019         8.1° and smaller         91         3/4° Steel           Raad Project         28593         285815         95         8/12/2019         8.1° and smaller         60         1° Plastic           Raad Project         285827         285815         95         8/12/2019         8.1° and smaller         60         1° Plastic	95 Ś	2,233.13
Road Project         291350         2907282         93         8/12/2019         8.1 * and smaller         91.3/4* Steel           Road Project         291926         2907282         93         8/12/2019         8.2 * 1 pastic         51         None           Road Project         285839         2858315         95         8/12/2019         8.1* and smaller         31         31         ************************************	134 \$	2,870.60
Road Project         291926         2907282         93         8/12/2019         8.2         91stic         51         None           Road Project         285879         2858315         95         8/12/2019         8.1         and smaller         35         1*Plastic           Road Project         285825         2858315         95         8/12/2019         8.1         and smaller         60         1*Plastic           Road Project         285837         2858315         95         8/12/2019         8.1         and smaller         10.1/2* Plastic	50 \$	3,301.98
Road Project         2885799         288515         95         8/12/2019         8 1° and smaller         35         1° Pistic           Road Project         2885828         2858315         95         8/12/2019         8 1° and smaller         60         1° Pistic           Road Project         2885847         2858315         95         8/12/2019         8 1° and smaller         101         1/2° Pistic	86 \$	2,263.31 2,864.97
Road Project         288527         2858315         95         81/2/2019         8.1° and smaller         60.1° Pixtic           Road Project         288547         2858315         95         81/2/2019         8.1° and smaller         10.0° 1/2° Pixtic	110 \$	2,864.97 823.55
Road Project 2885847 2858315 95 8/12/2019 8 1" and smaller 120 1/2" Plastic	113 \$	990.48
	364 \$	2,875.82
Road Project         2885206         2885315         95         81/2/2019         8.1° and smaller         210.1/2° Maxic           Road Project         291536         2907382         93         81/2019         8.1° and maller         84.1/2° Maxic	70 \$ 80 \$	4,065.87
Road Project         2915263         2507/262         93         013/2019         0 1 and smaller         04 1/2 Pusitu           Road Project         291537         2907282         93         8/13/2019         8 1 and smaller         89 3/4" Stell	84 \$	2,150.42
Rad Project 2913517 2907282 93 8/13/2019 8/1 and smaller 103/4 <sup>+</sup> Steel	96 \$	2,408.56
Road Project 2913515 2907282 93 8/13/2019 8 1" and smaller 40 3/4" Steel	45 \$	1,055.15
Road Project 2913516 2907282 93 8/13/2019 8 1° and smaller 48 3/4° Steel	48 \$	1,042.83
Road Project         2913518         2907082         93         \$8132/029         81'and smaller         174         3/4" Steel           Road Project         2913519         2907082         93         \$8132/029         81'and smaller         2801 1/2" Plastic	169 \$ 260 \$	2,483.44 4,862.87
Node/Type://         2532335         2506367         96         01/3/2/13         0 1 and similar         260         1/2 ratio           Road Project         251435         2906367         96         8/13/2/19         8 1 and similar         169         1 Stel	185 \$	3,715.40
Road Project 2914936 2906367 98 8/13/2019 8 1" and smaller 23 1" Steel	28 \$	1,308.99
Road Project 2884833 2858315 95 8/13/2019 8 1" and smaller 35 3/4" Steel	52 \$	814.01
Road Project         285482         285815         95         \$8,13/2019         8.1° and smaller         30         3/4* Steel           Road Project         2912632         290782         91         8/1/2/019         8.1° and smaller         98         1/2* float.	10 \$ 94 \$	1,276.52 2,370.45
Noad Project         2912623         2907282         95         \$8/14/2019         8 1 and smaller         98         1/2 Plastic           Road Project         2913512         2907282         93         \$8/14/2019         8 1 and smaller         11/1 / 22 Plastic	112 \$	2,370.45 2,650.96
Road Project 2913514 2907282 93 8/14/2019 8 1" and smaller 105 3/4" Steel	100 \$	2,438.98
Road Project 2913513 2907282 93 8/14/2019 8 1" and smaller 39 3/4" Steel	43 \$	1,036.42
Road Project         2913520         2907322         93         347 Steel         39         4/47 Steel           Road Project         2848453         2858315         95         81/40/2019         8.1° and smaller         50         1/2° Maxic	43 \$ 76 \$	1,469.71 3,151.66
Noad Project         285485         285435         95         8/14/2019         8 1 and smaller         50 1/2 Plastic           Road Project         285812         2258315         95         8/14/2019         8 1 and smaller         50 1/2 Plastic	76 \$ 60 \$	2,053.15
Road Project 2913509 2907282 93 8/14/2019 8 1° and smaller 38 3/4* Steel	42 \$	1,029.11
Road Project 2910578 2907282 93 8/15/2019 8 1° and smaller 40 3/4° Steel	44 \$	1,262.73
Road Project         2910581         290722         93         8/15/2019         8/1 and smaller         42/3/4 Steel           Dead Project         290109         0/1 and smaller         6/1 // 3/4 Steel         6/1 // 3/4 Steel	46 \$	1,515.34
Road Project         2910580         2907282         93         815/2019         81' and smaller         96         1/2" Plastic           Road Project         2912524         2907282         93         815/2019         81' and smaller         400         3/4" Steel	92 \$ 46 \$	1,819.15 1,481.71
Road Project         2912024         2907382         93         61/2/019         61/altrainet         40/ary Steel	45 \$	1,481.71 1,481.71
Road Project 2910579 2907282 93 8/15/2019 8.1" and smaller 58 3/4" Steel	48 \$	2,102.04
Road Project 284873 2858315 95 8/15/2019 8 1" and smaller 64 3/4" Steel	60 \$	2,126.28
Road Project         290576         290782         93         8/16/2019         8.1° and smaller         400         /47. Steel           Road Project         290577         290782         93         8/16/2019         8.1° and smaller         44.34" Steel		1,046.10
Road Project         290577         290732         93         8/16/2019         8 'and smaller         44 'a4' Steel           Road Project         2894695         2883315         95         8/16/2019         8 'and smaller         55 '1'Platic	44 \$	1,583.98
Road Project 2913521 2907282 93 8/19/2019 8 1" and smaller 100 1/2" Plastic	48 \$	2,397.66
Road Project 2910674 2907282 93 8/19/2019 8 1" and smaller 98 3/4" Steel	48 \$ 495 \$ 95 \$	2,364.03
Road Project         29217319         2907382         93         8/12/2019         8.1" and smaller         78         3/4" Steel           Road Project         292431         2907382         93         8/21/2019         8.1" and smaller         102         3/4" Steel	48 \$ 495 \$ 95 \$ 94 \$	2,255.34
Road Project         2923431         290782         93         8/12/2019         8.1° and smaller         102         3/4" Steel           Road Project         292532         290782         9         8         2017/2019         8.1° and smaller         102         3/4" Steel	48 \$ 495 \$ 95 \$ 94 \$ 20 \$	2,736.87
Road Project         292/32         59         6/11/2019         6 1 and smaller         1 c6 yr Steel           Road Project         292/3412         290/782         93         8/2/2/2019         8 1 and smaller         163 3/4 "Steel	48 \$ 495 \$ 95 \$ 94 \$ 20 \$ 108 \$	3,570.79
Road Project 2919237 2907282 93 8/21/2019 8 1" and smaller 88 3/4" Steel	48 \$ 495 \$ 95 \$ 94 \$ 20 \$	
Road Project 2922413 2907282 93 8/21/2019 8 1° and smaller 102 3/4° Steel	48 \$ 495 \$ 95 \$ 94 \$ 20 \$ 108 \$ 131 \$ 140 \$	3,984.57
Road Project         2919233         2907082         93         8/12//2019         8.1° and smaller         72         3/4" Steel           Road Project         291738         2907082         93         8.1° and smaller         100         3/4" Steel	48 \$ 495 \$ 95 \$ 20 \$ 108 \$ 131 \$ 140 \$ 121 \$ 30 \$	2,929.95
Road Project         291731         2907382         93         8/22/2019         8 1° and smaller         100         3/4° Steel           Road Project         291731         2907382         93         8/22/2019         8 1° and smaller         115         3/4° Steel	48 \$ 495 \$ 95 \$ 20 \$ 108 \$ 131 \$ 140 \$ 121 \$ 30 \$ 95 \$	2,929.95 2,134.96
	48 \$ 495 \$ 95 \$ 20 \$ 108 \$ 131 \$ 140 \$ 121 \$ 30 \$	2,929.95

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment C to Reply Comments - Revised Exhibit E 2019 Right-of-Way Road Relocation Projects Page 20 of 20

#### [PRIVATE DATA BEGINS...

rage	tage Retired Serv										
· · · · · ·	tage netired Serv	1	Size & Type Retired	Total Footage Installed	Size Installed	Const Complete Date	ProjectName	Op District	Related WR	WR#	Туре
	85 \$		3/4" Steel	103	8 1" and smaller	8/22/2019		93	2907282	2919234	roject
	20 \$		3/4" Steel		8 1" and smaller	8/22/2019		93	2907282	2919235	t
	120 \$		1/2" Plastic	50	8 1" and smaller	8/22/2019		93	2907282	2926233	
	125 \$		3/4" Steel		8 1" and smaller	8/22/2019		93	2907282	2925133	
	15 \$		3/4" Steel	109	8 1" and smaller	8/23/2019		93	2907282	2917315	
	85 \$		3/4" Steel		8 1" and smaller	8/23/2019		93	2907282	2917315	
	15 \$		3/4" Steel		8 1" and smaller	8/23/2019		93	2907282	2926235	
	130 \$		3/4" Steel		8 1" and smaller	8/23/2019		93	2907282	2925134	
	105 \$		1"Steel		8 1" and smaller	8/27/2019		98	2693363	2950383	
	105 5		1 Steel		8 1" and smaller	8/27/2019		98	2693363	2950383	
	12 S 49 S		1 Steel		9 1" and smaller			98	2693363	2950380	
			1/2 Plastic 1"Plastic			9/3/2019			2866336	2944889 2889176	
	8 \$				9 1" and smaller	9/4/2019		89			
	8 \$		1" Plastic		9 1" and smaller	9/4/2019		89	2866336	2889178	
	48 \$		1/2" Plastic		9 1" and smaller	9/4/2019		89	2866336	2951985	
	108 \$		1/2" Plastic		9 1" and smaller	9/4/2019		93	2907282	2926490	
	80 \$		1/2" Plastic		9 1" and smaller	9/4/2019		93	2907282	2915366	
	14 \$		1/2" Plastic		9 1" and smaller	9/4/2019		93	2907282	2915364	
	79 \$		1/2" Plastic		9 1" and smaller	9/5/2019		89	2693363	2888717	
	4 \$		1" Plastic		9 1" and smaller	9/5/2019		89	2866336	2901766	
	103 \$		3/4" Steel		9 1" and smaller	9/6/2019		93	2907282	2926491	
	159 \$		1/2" Plastic		9 1" and smaller	9/6/2019		89	2866336	2907694	
	38 \$		1" Plastic		9 1" and smaller	9/6/2019		89	2866336	2889175	
	103 \$		1/2" Plastic		9 1" and smaller	9/6/2019		93	2907282	2926492	
	86 \$		3/4" Steel		9 1" and smaller	9/6/2019		93	2907282	2917311	
	12 \$		3/4" Steel		9 1" and smaller	9/6/2019		93	2907282	2917310	
	85 \$		3/4" Steel		9 1" and smaller	9/9/2019		93	2907282	2917312	
	70 \$		1/2" Plastic		9 1" and smaller	9/9/2019		93	2907282	2917314	
	103 \$		1/2" Plastic		9 1" and smaller	9/9/2019		93	2907282	2926494	
	103 \$		1/2" Plastic		9 1" and smaller	9/9/2019		93	2907282	2926493	
	75 \$		1/2" Plastic		9 1" and smaller	9/9/2019		93	2907282	2917313	
	103 \$		3/4" Steel		9 1" and smaller	9/9/2019		93	2907282	2926495	
	84 \$		1/2" Plastic		9 1" and smaller	9/9/2019		89	2866336	2888713	
	1 \$		1/2" Copper	368	9 1" and smaller	9/9/2019		89	2866336	2901767	
	108 \$		1/2" Plastic		9 1" and smaller	9/9/2019		93	2907282	2926236	
	10 \$		1" Plastic	139	9 1" and smaller	9/9/2019		89	2866336	2907749	
	17 \$		3/4" Steel		9 1" and smaller	9/18/2019		94	2693363	2880170	
	61 \$		3/4" Steel	51	9 1" and smaller	9/18/2019		94	2865956	2877260	
	143 Š		1/2" Plastic		9 1" and smaller	9/19/2019		98	2906367	2914933	
	123 \$		1/2" Plastic	117	9 1" and smaller	9/19/2019		98	2906367	2916706	
	37 Ś		1/2" Plastic		9 1" and smaller	9/19/2019		98	2906367	2916704	
	4 \$		1/2" Plastic		9	9/20/2019		98	2906367	2916703	
	95 \$		3/4" Steel		9 1" and smaller	9/21/2019		95	2948401	2951737	
	105 \$		1/2" Plastic		9 1" and smaller	9/23/2019		95	2948401	2951734	
	95 \$		1/2" Plastic		9 1" and smaller	9/23/2019		99	2948401	2951735	
	110 \$		1/2" Plastic		9 1" and smaller	9/23/2019		99	2948401	2951736	
	81 \$		1" Steel		9 1" and smaller	9/25/2019		98	2919228	2959894	
	30 \$		3/4" Steel	22	9 1" and smaller	9/30/2019		95	2950597	2956187	
	35 \$		3/4" Steel		9 1" and smaller	9/30/2019		99	2950597	2956124	
	25 \$		3/4" Steel		9 1" and smaller	9/30/2019		95	2950597	2956102	
	455 \$		1" Plastic		9 1" and smaller	9/30/2019		98	2906367	2922597	
	80 \$		3/4" Steel		10 1" and smaller	10/2/2019		95	2693363	2956189	
	52 \$		3/4" Steel		10 1" and smaller	10/2/2019		95	2950597	2956126	
	78 \$		3/4" Steel		10 1" and smaller	10/2/2019		95	2950597	2956188	
	35 \$		3/4" Steel		10 1" and smaller	10/2/2019		00	2950597	2956125	
	155 \$		1/2" Plastic		10 1" and smaller	10/2/2019		9.	2856743	2868465	
	155 \$		1/2 Plastic		10 1 and smaller 10 1" and smaller	10/9/2019		94	2856743	2868463	
	110 \$		1/2" Plastic		10 1 and smaller 10 1" and smaller	10/9/2019		95	2937180	2963899	
	77 \$		1/2 Plastic 3/4" Steel	97	10 1 and smaller	10/10/2019		95	2953515	2963899	
	53 \$		1/2" Plastic		10 1 and smaller	10/10/2019		97	2953515	2961541	
	97 \$		1/2" Plastic		10 1 and smaller	10/10/2019		97	2693363	2961541 2961779	
	103 \$		1/2 Plastic		10 1 and smaller 10	10/10/2019		97	2953515	2961779	
	103 \$ 35 \$		1/2" Plastic 3/4" Steel		10 10 1" and smaller	10/10/2019		97	2953515 2865956	2961/81 2877257	
	136 \$		1" Plastic		10 1 and smaller	10/16/2019		94	2865956	2877253	
	136 S 270 S		1" Plastic 1" Plastic		10 1" and smaller 10 1" and smaller	10/16/2019		93	2865956	2877253	
	30 \$		1/2" Plastic		10 1° and smaller 10	10/24/2019 10/25/2019		93	2858854 2867270	2986200	
	30 \$		1/2" Plastic 1" Plastic		10 10 1" and smaller	10/25/2019		93	2867270	2986200	
	90 \$		1/2" Plastic		10 1" and smaller 11 1" and smaller	10/30/2019		85	2900909 2937180	2963898	
	90 \$ 159 \$		1/2" Plastic		11 1" and smaller 11 1" and smaller	11/11/2019		95	2937180	2963898	
			1/2" Plastic							2963941	
	79 \$				11 1" and smaller	11/12/2019		95	2937180		
	57 \$		1/2" Plastic		11 1" and smaller	11/12/2019			2937180	2963346	
	107 \$		1/2" Plastic		11 1" and smaller	11/12/2019		95	2937180	2963337	
	60 \$		1/2" Plastic		11 1" and smaller	11/13/2019		95	2937180	2963472	
	80 \$		1/2" Plastic		11 1" and smaller	11/13/2019		95	2937180	2963345	
	48 \$		1/2" Plastic		11 tie over	11/13/2019		95	2937180	2963348	
	203 \$		1/2" Plastic		11 1" and smaller	11/14/2019		95	2937180	2963460	
	42 \$		1/2" Plastic		11 1" and smaller	11/15/2019		95	2937180	2963347	
	238 \$		None		11 2" plastic	11/18/2019		93	2693363	2762052	
	80 \$		1/2" Plastic		9 1" and smaller	9/21/2019		99	2948401	2951738	
	90 \$		1-1/4" Steel		9 1" and smaller	9/21/2019		95	2948401	2951453	
	80 \$		1/2" Plastic	125	9 1" and smaller	9/24/2019		95	2940404	2942885	
	39 \$		1/2" Plastic	81	9 1" and smaller	9/24/2019		95	2940404	2942887	
	1			55.663						Total	7

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roject Type	WBS Element	WR #	Project Name	Address	City	Description	Governmental Entity	Const Complete Date
4	NA	2693360 GUIC - DIMP SV	/C REPL - OBSOLETE MATERIALS - AA	ASSORTED	ASSORTED	See service line tab for details	PHMSA (DIMP)	VARIOUS
۱	Q-4605-000647	2746693 FM-GUIC AA RE	PLACE-BROADWAY AVE (ALDEN)	BROADWAY AVENUE	ALDEN	Replace 60s vintage AA with ~630' 2PE	PHMSA (DIMP)	5/8/2019
	Q-4605-000794	2775040 FM-GUIC AA RE	PLACEMENT (ALDEN)	MORIN ST & SCOTTE LN	ALDEN	Replace 70s vintage AA with ~720' 2PE	PHMSA (DIMP)	4/29/2019
	Q-4605-000795	2775065 FM-GUIC AA RE	PLACEMENT (ELLENDALE)	6th St N, 5th St N, 8th Ave E	ELLENDALE	Replace 60s & 70s vintage AA with ~1,810' 2PE	PHMSA (DIMP)	6/25/2019
	Q-4605-000796	2776416 FM-GUIC AA RE		VARIOUS	WELLS	Replace 60s vintage AA with ~1,250' 2PE	PHMSA (DIMP)	6/7/2019
	Q-4605-000797	2775075 FM-GUIC AA RE		OAK ST	EMMONS	Replace 60s vintage AA with ~470' 2PE	PHMSA (DIMP)	4/22/2019
	Q-4605-000799	2847849 RO-GUIC AA RE	PLACEMENT-9TH ST NW	9TH ST NW & W CIRCLE DR	ROCHESTER	Replace 80s vintage AA with ~4,600' 2PE/4PE	PHMSA (DIMP)	7/24/2019
	Q-4605-000800		PLACEMENT-MCNEILUS 1ST SUB	11TH AVE & 8TH ST	DODGE CENTER	Replace 80s vintage AA main with ~3,850' of 4PE/2PE.	PHMSA (DIMP)	9/23/2019
	Q-4605-000801		PLACEMENT-2ND AVE & 2ND ST	2ND AVE & 2ND ST NW	DODGE CENTER	Replace 80s vintage AA with ~370' 2PE	PHMSA (DIMP)	5/16/2019
	Q-4605-000803		PLACEMENT-DRS 11 OUTLET	CIVIC CENTER DR NW	ROCHESTER	Replace 80s vintage AA with ~700' 4PE	PHMSA (DIMP)	11/26/2019
	Q-4605-000804		PLACEMENT-WOODLAKE DR SE	WOODLAKE DR SE	ROCHESTER	Replace 80s vintage AA with ~2,800' 2PE	PHMSA (DIMP)	5/6/2019
	Q-4605-000805	2845753 RO-GUIC AA RE		9 1/2 ST SE	ROCHESTER	Replace 80s vintage AA with ~2,300' 2PE/4PE/6PE	PHMSA (DIMP)	9/9/2019
	Q-4605-000806		PLACEMENT-5TH ST &12TH AVE	5TH ST & 12TH AVE NW	KASSON	Replace 70s vintage AA with ~3650' 2PE	PHMSA (DIMP)	7/8/2019
	Q-4605-000807		PLACEMENT-1ST AVE NE BYRON	1ST AVE & ROLLING HEIGHTS CT	BYRON	Replace 80s vintage AA with ~7,200' 2PE	PHMSA (DIMP)	5/29/2019
	Q-4605-000808		PLACMENT-MEADOWLARK CT	MEADOWLARK CT	BYRON	Replace 60s/70s/80s vintage AA with ~2,900' 2PE	PHMSA (DIMP)	8/12/2019
	Q-4605-000809	2844877 RO-GUIC AA RE	PLACEMENT-CLIFF ST	CLIFF ST	CHATFIELD	Replace 70s vintage AA with ~650' 2PE	PHMSA (DIMP)	5/24/2019
	Q-4605-000810		PLACEMENT-CLIFF CIRCLE	CLIFF CIRCLE	CHATFIELD	Replace 70s vintage AA with ~460' 2PE	PHMSA (DIMP)	4/29/2019
	Q-4605-000811	2844752 RO-GUIC AA RE	PLACEMENT-BENNETT ST	BENNETT ST	CHATFIELD	Replace 70s vintage AA with ~680' 2PE	PHMSA (DIMP)	9/16/2019
	Q-4605-000812	2844610 RO-GUIC AA RE	PLACEMENT-WHALEN VALLEY RD	WAHLEN VALLEY RD	CHATFIELD	Replace 70s vintage AA with ~1580' 2PE	PHMSA (DIMP)	5/14/2019
	Q-4605-000813	2844598 RO-GUIC AA RE	PLACEMENT-BURR OAK ST NORTH	BURR OAK ST	CHATFIELD	Replace 70s vintage AA with ~6250' 2PE/4PE	PHMSA (DIMP)	10/28/2019
	Q-4605-000814	2859356 RM-GUIC AA RE	EPLACEMENT (LAKEVILLE)	210TH ST W	LAKEVILLE	Replace 80s vintage AA with ~25' PE and 2" valve	PHMSA (DIMP)	7/1/2019
	Q-4605-000815	2844627 RO-GUIC AA RE	PLACEMENT-SPRING VALLEY VAR	VARIOUS	SPRING VALLEY	Replace 70s/80s vintage AA with ~2,680' 2PE	PHMSA (DIMP)	11/11/2019
	Q-4605-000817	2859855 RO-GUIC AA RE	PLACEMENT-60TH AVE NW	60TH AVE NW	ROCHESTER	Replace 70s vintage AA with ~6,090' 6PE	PHMSA (DIMP)	12/20/2019
	Q-4605-000818	2845757 RO-GUIC AA RE	PLACEMENT-ST. MARY'S HILLS	ST. MARY HILLS	ROCHESTER	Replace 60s/70s vintage AA with ~12,260' 2PE.	PHMSA (DIMP)	9/30/2019
	Q-4605-000841	2877997 PC-GUIC-RUSH	CITY AA REPLACE 4 IN	VARIOUS	RUSH CITY	Replace 60s vintage AA with ~11,770' 2PE/4PE	PHMSA (DIMP)	10/29/2019
	Q-4605-000865	2881359 FM-GUIC - AA F	REPLACEMENT (LAKEFIELD)	PLEASANT STREET/3RD AVENUE NORTH	LAKEFIELD	Replace 70s vintage AA with ~180' 2PE	PHMSA (DIMP)	8/13/2019
	Q-4605-000902	2893330 FM-GUIC-AA RE	TIREMENT BROADWAY (ALDEN)	BROADWAY AVENUE	ALDEN	Abandon ~370' of 60s vintage AA. 4 SVCs replaced long side to PE across street. 2 SVCs to be retired.	PHMSA (DIMP)	5/9/2019
	Q-4605-000950	2906370 PC-GUIC 2019 A	AA REPLACEMENT PROJECT	7TH AVE NE	PINE CITY	Replace 70s vintage AA with ~1,030' 2PE	PHMSA (DIMP)	9/16/2019
	Q-4605-001073	2851183 PC-GUIC AA RE	PL PROJECT 2019 MORA	RIVERSIDE ST AND FAIR OAKS DR	MORA	Replace 60s vintage AA with ~2,700' 2" PE main	PHMSA (DIMP)	11/1/2019
	Q-4605-001107	2801469 PC-GUIC RUSH	CITY AA MAIN REPL 2 IN SECT	VARIOUS	RUSH CITY	Replace 60s vintage AA with ~2,340' 2PE	PHMSA (DIMP)	9/23/2019
	Q-4605-001130	2968818 WA-GUIC AA H	EWITT PHASE 1	VARIOUS	HEWITT	Replace 70s vintage AA with ~2,500' 2PE	PHMSA (DIMP)	12/5/2019
	Q-4605-001131	2969082 BM-GUIC LAKE	VIEW DR SW	LAKEVIEW DR SW	BEMIDJI	Replace 80s vintage AA with ~2,150' 2PE	PHMSA (DIMP)	11/22/2019
e Steel	Q-4605-000993	2922096 FM-MERC BAR	E STEEL OAK RIDGE (FAIRMONT)	OAK RIDGE RD	FAIRMONT	Replace ~545' 2" bare steel with PE.	PHMSA (DIMP)	8/12/2019
e Steel	Q-4605-001015	2931274 RO-GUIC BARE	STEEL10TH ST (ROCHESTER)	10TH STREET SW	ROCHESTER	Leak Repair replace ~10' bare steel main.	PHMSA (DIMP)	7/22/2019
ube	NA	2693360 GUIC - DIMP SV	C REPL - OBSOLETE MATERIALS - X-TRUBE	ASSORTED	ASSORTED	See service line tab for details	PHMSA (DIMP)	VARIOUS
ube	Q-4605-000842	2868816 RO-GUIC - XTRI	UBE (SPRING GROVE)	3RD AVENUE SE/4TH AVENUE SE	SPRING GROVE	Install ~2150' 2" PE Replacement main needed to replace X-trube services (repl 900' 1-1/4" WS)	PHMSA (DIMP)	6/21/2019
ube	Q-4605-000852	2872976 RO-GUIC - XTRU	JBE HWY 44 (SPRING GROVE)	HIGHWAY 44	SPRING GROVE	Retire 95' 2" WS main under roadbed to be replaced with a longside PE service in order to replace X-trube service.	PHMSA (DIMP)	7/24/2019
ube	Q-4605-000882	2889803 BM-MAIN REPA	AIR SERVICE TEE FOR X-TRUBE SERVICE REPL	510 SCOTT AVE SE	BEMIDJI	REPLACE 5' OF 2" STEEL MAIN FOR X-TRUBE SERVICE TEE - GP	PHMSA (DIMP)	5/6/2019
ube	Q-4605-000948	2904175 WA-GUIC MAIN	REPLACE MAIN N CONLEY THIEF	115 CONLEY AVE N	THIEF RIVER FALLS	Main replacement to replace 3 X-trube services	PHMSA (DIMP)	8/12/2019
ube	Q-4605-000949	2904246 WA-GUIC X TRU	JBE REPL TRF	240 PINE AVE N	THIEF RIVER FALLS	Main extension to replace X-trube service.	PHMSA (DIMP)	6/24/2019
rube	Q-4605-001061	2939592 RO-GUIC ROBE	RT SAUER- 3RD AVE (HARMONY)	340 SE 3RD AVE.	HARMONY	Install ~ 370' of 2" main to replace 2 X-trube services	PHMSA (DIMP)	10/28/2019
rube	Q-4605-001062	2940147 RO-GUIC ALLEN	DAHL/ 2ND ST SE (HARMONY)	160 5TH AVE. SE	HARMONY	Install~130' of 2" PE main to replace X-trube service	PHMSA (DIMP)	10/28/2019
rube	Q-4605-001106	2056941 PO CUICLARD	(TON- S MAIN AVE (HARMONY)	355 S MAIN AVE	HARMONY	Main extension to remove X-trube cross service	PHMSA (DIMP)	9/10/2019

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#### FUBLIC DOCUMENT - FRIVATE DATA ON INDIVIDUALS HAS BEEN EXCISED

oject Type	WBS Element	WR #	Project Name	Total Main Footage	Main Installation Cost	Main Internal Labor Cost	Main Removal Cost	Total Main Cost	Number of Service Lines	Total Service Line Footage	Service Install Cost	Total Project Cost	Notes
	NA	2693360	GUIC - DIMP SVC REPL - OBSOLETE MATERIALS - AA	-	\$ -	\$ -	\$ -	s -	5	425	\$ 12,961.65	\$ 12,961.65	
	Q-4605-000647	2746693	FM-GUIC AA REPLACE-BROADWAY AVE (ALDEN)	740	\$ 21,094.34	\$ 14.77	\$ -	\$ 21,109.11	6	548	\$ 14,237.83	\$ 35,346.94	
	Q-4605-000794	2775040	FM-GUIC AA REPLACEMENT (ALDEN)	792	\$ 20,119.11	\$ 14.09	\$ -	\$ 20,133.20	5	334	\$ 8,015.79	\$ 28,148.99	
	Q-4605-000795	2775065	FM-GUIC AA REPLACEMENT (ELLENDALE)	1,999	\$ 48,105.86	\$ 33.63	\$ 720.27	\$ 48,859.76	10	735	\$ 18,685.11	\$ 67,544.87	
	Q-4605-000796	2776416	FM-GUIC AA REPLACEMENT (WELLS)	1.487	\$ 26,532,98	\$ 18.57	\$ 480.18	\$ 27.031.73	15	1.076	\$ 31,636,61	\$ 58.668.34	
	Q-4605-000797	2775075	FM-GUIC AA REPLACEMENT (EMMONS)	462	\$ 16,371.76	\$ 3,919.55	\$ -	\$ 20,291.31	4	252	\$ 4,836.90	\$ 25,128.21	
	Q-4605-000799	2847849	RO-GUIC AA REPLACEMENT-9TH ST NW	5,163	\$ 143,989.02	\$ 37,182.78	\$ -	\$ 181,171.80	0		\$ -	\$ 181,171.80	
	Q-4605-000800		RO-GUIC AA REPLACEMENT-MCNEILUS 1ST SUB	3,886					19	1,494			
	Q-4605-000801		RO-GUIC AA REPLACEMENT-2ND AVE & 2ND ST	401					1	132			
	Q-4605-000803		RO-GUIC AA REPLACEMENT-DRS 11 OUTLET						2	103			
	Q-4605-000804		RO-GUIC AA REPLACEMENT-WOODLAKE DR SE	2,788					4	324			
	Q-4605-000805		RO-GUIC AA REPLACEMENT-9 1/2 ST SE	2,393					27	1.178			
	Q-4605-000806	2845617	RO-GUIC AA REPLACEMENT-5TH ST &12TH AVE	4.181	\$ 103,452.43				59	3.741			
	Q-4605-000807		RO-GUIC AA REPLACEMENT-1ST AVE NE BYRON	6,706					54	2,214			
	Q-4605-000808		RO-GUIC AA REPLACMENT-MEADOWLARK CT	2,939					19	705			
	Q-4605-000809		RO-GUIC AA REPLACEMENT-CLIFF ST	504					7	528			
	Q-4605-000810		RO-GUIC AA REPLACEMENT-CLIFF CIRCLE	504					8	578			
	Q-4605-000811		RO-GUIC AA REPLACEMENT-BENNETT ST	-					8	691			
	Q-4605-000812		RO-GUIC AA REPLACEMENT-WHALEN VALLEY RD	1,593					13	995			
	Q-4605-000813		RO-GUIC AA REPLACEMENT-BURR OAK ST NORTH	6,224					78	5,783			
	Q-4605-000814		RM-GUIC AA REPLACEMENT (LAKEVILLE)	4					,0	-			
	Q-4605-000815		RO-GUIC AA REPLACEMENT-SPRING VALLEY VAR	3.690					27	2.218			
	Q-4605-000817		RO-GUIC AA REPLACEMENT-50 KING VALLET VAR	6.170					27	-		, , , , , , , , , , , , , , , , , , , ,	
	Q-4605-000818		RO-GUIC AA REPLACEMENT-ST. MARY'S HILLS	11,257					46	6,654			
	Q-4605-000818		PC-GUIC-RUSH CITY AA REPLACE 4 IN	8,597					40	1,573			
	Q-4605-000865		FM-GUIC - AA REPLACEMENT (LAKEFIELD)	275					10	-			
	Q-4605-000902		FM-GUIC-AA RETIREMENT BROADWAY (ALDEN)	-					0				Retirement onl
	Q-4605-000950		PC-GUIC 2019 AA REPLACEMENT PROJECT	1,000					6	517			tethement on
	Q-4605-001073		PC-GUIC AA REPL PROJECT 2019 MORA	2,678					25	2,230			
	Q-4605-001073		PC-GUIC RUSH CITY AA MAIN REPL 2 IN SECT	2,078					12	607			
	Q-4605-001130		WA-GUIC AA HEWITT PHASE 1	2,313					26	2,140			
	Q-4605-001130		BM-GUIC LAKEVIEW DR SW	2,001					20	-			
Steel	Q-4605-001131		FM-GOIC LARE VIEW DR SW FM-MERC BARE STEEL OAK RIDGE (FAIRMONT)	2,091					0			\$ 48,229.50 \$ 10,450.60	
Steel	Q-4605-000993		RO-GUIC BARE STEEL OAK RIDGE (FAIRMONT)	4					0		<del>,</del>		
be	Q-4605-001015		GUIC - DIMP SVC REPL - OBSOLETE MATERIALS - X-TRUBE	-					200	14,930			
ibe	Q-4605-000842		RO-GUIC - XTRUBE (SPRING GROVE)	2,148				•	200	1,321			
be	Q-4605-000842		RO-GUIC - XTRUBE HWY 44 (SPRING GROVE)	2,148					24	1,321			Retirement onl
	Q-4605-000852		BM-MAIN REPAIR SERVICE TEE FOR X-TRUBE SERVICE REPL	2					0	-			vernement on
be	Q-4605-000882 Q-4605-000948								0	217			
be be	Q-4605-000948 Q-4605-000949		WA-GUIC MAIN REPLACE MAIN N CONLEY THIEF	272					3			, , , , , , , , , , , , , , , , , , , ,	
	Q-4605-000949 Q-4605-001061								0	-			
be			RO-GUIC ROBERT SAUER- 3RD AVE (HARMONY)	370					0	-		Ş 7,154.05	
be be	Q-4605-001062 Q-4605-001106		RO-GUIC ALLEN DAHL/ 2ND ST SE (HARMONY) RO-GUIC LARRY TON- S MAIN AVE (HARMONY)	131 116					0	- 110			
be		2956841	RO-GUIC LARRY TON- S MAIN AVE (HARMONY)						1				
	Total			86,918	\$ 2,762,398.51	\$ 209,364.26	\$ 3,451.84	\$ 2,975,214.61	730	54,353		\$ 4,701,395.49	
				86.918	\$ 2.762.398.51	\$ 209.364.26	\$ 3.451.84	\$ 2.975.214.61	730	Service Internal Labor Cost 54.353		\$ 4.879.533.97	

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## EXHIBIT J – DETAILED DATA
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									Additions					
Project Type	WBS Element	WR #	Project Name	1" Plastic	2" Plastic	4" Plastic	6" Plastic	8" Plastic	1" Steel	1-1/2" Steel	2" Steel	3" Steel	4" Steel	Total Footage Installed
λA	Q-4605-000647	2746693	FM-GUIC AA REPLACE-BROADWAY AVE (ALDEN)		740	0	C	0 0		0 0	0	0	C	740
AA.	Q-4605-000794	2775040	FM-GUIC AA REPLACEMENT (ALDEN)		790	0	C	0 0		0 0	2	0	(	792
AA.	Q-4605-000795	2775065	FM-GUIC AA REPLACEMENT (ELLENDALE)		1,999	0	C	0 0		0 0	0	0	(	1,999
AA.	Q-4605-000796	2776416	FM-GUIC AA REPLACEMENT (WELLS)		937	550	C	0 0		0 0	0	0	(	1,487
AA.	Q-4605-000797	2775075	FM-GUIC AA REPLACEMENT (EMMONS)		460	0	C	0 0		0 0	2	0	0	462
AA	Q-4605-000799	2847849	RO-GUIC AA REPLACEMENT-9TH ST NW		2 1,919	3,242	C	0 0		0 0	0	0	(	5,163
AA	Q-4605-000800	2847679	RO-GUIC AA REPLACEMENT-MCNEILUS 1ST SUB		2,345	1,541	C	0 (		0 0	0	0	0	3,886
AA	Q-4605-000801	2847503	RO-GUIC AA REPLACEMENT-2ND AVE & 2ND ST		3 398	0	C	0 0		0 0	0	0	(	401
AA	Q-4605-000803	2846177	RO-GUIC AA REPLACEMENT-DRS 11 OUTLET		0 0	0	C	0 0		0 0	0	0		0
AA	Q-4605-000804		RO-GUIC AA REPLACEMENT-WOODLAKE DR SE		2,788	0	C	0 0		0 0	0	0	(	2,788
AA	Q-4605-000805	2845753	RO-GUIC AA REPLACEMENT-9 1/2 ST SE			1.157	16	0		0 0	0	0	0	
AA	Q-4605-000806	2845617	RO-GUIC AA REPLACEMENT-5TH ST &12TH AVE		2 4.176	3	C	0 0		0 0	0	0	C	
AA	Q-4605-000807	2845248	RO-GUIC AA REPLACEMENT-1ST AVE NE BYRON		1 6,705	0	C	0 0		0 0	0	0	C	6,706
AA	Q-4605-000808	2845123	RO-GUIC AA REPLACMENT-MEADOWLARK CT			0	C	0 0		2 0	0	0	C	
AA	Q-4605-000809	2844877	RO-GUIC AA REPLACEMENT-CLIFF ST		504	0	C	0 0		0 0	0	0	C	504
AA	Q-4605-000810	2844834	RO-GUIC AA REPLACEMENT-CLIFF CIRCLE		2 502	0	C	0 0		0 0	0	0	C	504
AA	Q-4605-000811	2844752	RO-GUIC AA REPLACEMENT-BENNETT ST		0 0	0	C	0 0		0 0	0	0	C	0 0
AA	Q-4605-000812	2844610	RO-GUIC AA REPLACEMENT-WHALEN VALLEY RD		2 1,591	0	C	0 0		0 0	0	0	c	1,593
AA	Q-4605-000813	2844598	RO-GUIC AA REPLACEMENT-BURR OAK ST NORTH		5 4.332	1.887	0	0		0 0	0	0	(	
AA	Q-4605-000814		RM-GUIC AA REPLACEMENT (LAKEVILLE)			2,007	0	0		0 0	0	0	(	
AA.	Q-4605-000818		RO-GUIC AA REPLACEMENT-ST. MARY'S HILLS		5.780	5.477	0	0		0 0	0	0		11.257
AA	Q-4605-000841		PC-GUIC-RUSH CITY AA REPLACE 4 IN		2 222	8,373	0	0		0 0	0	0	(	
AA	Q-4605-000865		FM-GUIC - AA REPLACEMENT (LAKEFIELD)		1 274	0,575	0	0		0 0	0	0	(	275
AA	Q-4605-000902		FM-GUIC-AA RETIREMENT BROADWAY (ALDEN)			0	0	0		0 0	0	0	(	
AA	Q-4605-000950		PC-GUIC 2019 AA REPLACEMENT PROJECT		1,000	0	0	0		0 0	0	0	(	
AA	Q-4605-001073		PC-GUIC AA REPL PROJECT 2019 MORA			0	0	-		0 0	-	0		
AA	Q-4605-001107		PC-GUIC RUSH CITY AA MAIN REPL 2 IN SECT			0	0			0 0	-	0	(	
AA	Q-4605-001130		WA-GUIC AA HEWITT PHASE 1		2,468	0	-			0 0	Ő	0		2,468
AA	Q-4605-001131		BM-GUIC LAKEVIEW DR SW		2,091	0	-			0 0	-	0		2,091
AA	Q-4605-000815		RO-GUIC AA REPLACEMENT-SPRING VALLEY VAR		5 3,685	0				0 0	0	0		3,690
AA	Q-4605-000817		RO-GUIC AA REPLACEMENT-60TH AVE NW		2 33	100	6.035	0		0 0	_	0		
Bare Steel	Q-4605-000993		FM-MERC BARE STEEL OAK RIDGE (FAIRMONT)			0	0,033			0 0	-	0	(	
Bare Steel	Q-4605-001015		RO-GUIC BARE STEELOAR RIDGE (FARMONT)		5 510	0	0			0 0	0	0		510
K-trube	Q-4605-000842		RO-GUIC - XTRUBE (SPRING GROVE)		2,148	0	0	0		0 0	0	0		2,148
(-trube	Q-4605-000852		RO-GUIC - XTRUBE (SPRING GROVE)		2,148	0	0			0 0	0	0	(	
(-trube	Q-4605-000882		BM-MAIN REPAIR SERVICE TEE FOR X-TRUBE SERVICE REPL		0	0	0	0		0 2	0	0		
(-trube	Q-4605-000948		WA-GUIC MAIN REPLACE MAIN N CONLEY THIEF		272	0		0		0 2	0	0		2 272
(-trube	Q-4605-000949		WA-GUIC X TRUBE REPLACE MAIN IN CONLEY THIEF		5 272	0	0	0		0 0	0	0	(	
(-trube	Q-4605-000949		RO-GUIC ROBERT SAUER- 3RD AVE (HARMONY)		32	0				0 0	0	0		
(-trube	Q-4605-001061		RO-GUIC ALLEN DAHL/ 2ND ST SE (HARMONY)		) 370 ) 131	0	0	0		0 0	0	0	(	
K-trube K-trube	Q-4605-001062 Q-4605-001106		RO-GUIC ALLEN DAHL/ 2ND ST SE (HARMONY) RO-GUIC LARRY TON- S MAIN AVE (HARMONY)			0		0		0 0	0	0	(	
K-trube Total	Q-+003-001100	2950641	NO-ODIC DANKT TON- S WAIN AVE (MANNONT)	2		22.330	6.051	-		0	0	0	l l	86.918

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				Retirements														Page			
Project Type	WBS Element	WR #	Project Name	3/4" Plastic	1" Plastic	1-1/4" Plastic	2" Plastic	3" Plastic	3" Plastic 8 Greater	4" Plastic	6" Plastic	1" Steel	1-1/4" Steel	1-1/2" Steel2	2" Steel	3" Steel	4" Steel	6" Steel	8" Steel	Total Footage Retired	Note
	Q-4605-000647	2746693	FM-GUIC AA REPLACE-BROADWAY AVE (ALDEN)	C	I	)	0 -205	0	(	0	0	0	0 0	0	-331	0	0		0 0	-536	
A	Q-4605-000794	2775040	FM-GUIC AA REPLACEMENT (ALDEN)	0		0	0 -764	0	(	0	0	C	0 0	0	0	0	0		0 0	-764	
A	Q-4605-000795	2775065	FM-GUIC AA REPLACEMENT (ELLENDALE)	0		0	0 -1,875	0	(	0	0	C	0 0	0	-23	0	0		0 0	-1,898	
4	Q-4605-000796		FM-GUIC AA REPLACEMENT (WELLS)	C		)	0 -1,019	-246	(	0	0	C	0 0	0	0	0	0		0 0	-1,265	
i.	Q-4605-000797	2775075	FM-GUIC AA REPLACEMENT (EMMONS)	C		0	0 -474	0	(	0	0	C	0 0	0	-2	0	0		0 0	-476	
A	Q-4605-000799	2847849	RO-GUIC AA REPLACEMENT-9TH ST NW	0		0	0 -2,188	0	(	-2,227	0	C	0 0	0	0	0	0		0 0	-4,415	
۱	Q-4605-000800		RO-GUIC AA REPLACEMENT-MCNEILUS 1ST SUB	0		0	0 -3,420		(	0	0	C	0 0	0	0	0	0		0 0	-4,330	
4	Q-4605-000801		RO-GUIC AA REPLACEMENT-2ND AVE & 2ND ST	C		)	0 -217	0		0	0	C	0 0	0	-32	0	0		0 0	-249	
ι	Q-4605-000803		RO-GUIC AA REPLACEMENT-DRS 11 OUTLET	C		0	0 0	0	-412	-340	0	C	0 0	0	0	0	0		0 0	-752	
ι	Q-4605-000804		RO-GUIC AA REPLACEMENT-WOODLAKE DR SE	C		0	0 -2,760			0	0		0 0	0	0	0	0		0 0	-2,760	
L .	Q-4605-000805		RO-GUIC AA REPLACEMENT-9 1/2 ST SE	C		0	0 -944	-506		-765	-12	C	0 0	0	0	0	-91		0 0	-2,318	
ι	Q-4605-000806		RO-GUIC AA REPLACEMENT-STH ST &12TH AVE	C		0	0 -3,244	0		0	0	C	0 0	0	-560	0	0		0 0	-3,804	
	Q-4605-000807		RO-GUIC AA REPLACEMENT-1ST AVE NE BYRON	C		0	0 -3,354	-177		0	0	C	0 0	0	-62	-8	0		0 0	-3,601	
i.	Q-4605-000808		RO-GUIC AA REPLACMENT-MEADOWLARK CT	C		)	0 -1,333		(	0	0	C	0 0	0	0	0	0		0 0	-1,333	
	Q-4605-000809		RO-GUIC AA REPLACEMENT-CLIFF ST	C		0	0 -290		(	0	0	C	0 0	0	-3	0	0		0 0	-293	
	Q-4605-000810		RO-GUIC AA REPLACEMENT-CLIFF CIRCLE	C		0	0 -427	0	(	0	0	C	0 0	0	-32	0	0		0 0	-459	
	Q-4605-000811		RO-GUIC AA REPLACEMENT-BENNETT ST	C		0	0 0	0	(	0	0	C	0 0	0	0	0	0		0 0	0	
	Q-4605-000812		RO-GUIC AA REPLACEMENT-WHALEN VALLEY RD	C		0	0 -1,321	0	(	0	0	C		0	0	0	0		0 0	-1,321	
	Q-4605-000813		RO-GUIC AA REPLACEMENT-BURR OAK ST NORTH	-1	-	2	0 -6,173	0	(	-1,467	0	C	0 -517	0	-286	0	-355		0 0	-8,801	
	Q-4605-000814		RM-GUIC AA REPLACEMENT (LAKEVILLE)	C		0	0 -4	0	(	0	0	C	0 0	0	0	0	0		0 0	-4	
L .	Q-4605-000818		RO-GUIC AA REPLACEMENT-ST. MARY'S HILLS	C		0	0 -6,186	0	(	0	0	C	0 0	0	0	0	0		0 0	-6,186	
L .	Q-4605-000841		PC-GUIC-RUSH CITY AA REPLACE 4 IN	C		0	0 -12		(	0	0	C	0 0	0	0	0	0		0 0	-12	
L .	Q-4605-000865		FM-GUIC - AA REPLACEMENT (LAKEFIELD)	C		0	0 -281		(	0	0	C	0 0	0	0	0	0		0 0	-281	
	Q-4605-000902		FM-GUIC-AA RETIREMENT BROADWAY (ALDEN)	C		0	0 -443	0	(	0	0	C	0 0	0	0	0	0		0 0	-443	
L .	Q-4605-000950		PC-GUIC 2019 AA REPLACEMENT PROJECT	C		0	0 -1,699	0	(	0	0	C	0 0	0	-807	0	0		0 0	-2,506	
	Q-4605-001073		PC-GUIC AA REPL PROJECT 2019 MORA	C		0	0 -2,612		(	0	0	C	0 0	0	0	0	0		0 0	-2,612	
	Q-4605-001107		PC-GUIC RUSH CITY AA MAIN REPL 2 IN SECT	C	-	2	0 -1,378		(	0	0	C	0 0	0	0	0	0		0 0	-1,380	
	Q-4605-001130		WA-GUIC AA HEWITT PHASE 1	C		-2,61		0	(	0	0	C	0 0	0	0	0	0		0 0	-2,622	
	Q-4605-001131		BM-GUIC LAKEVIEW DR SW	C		0	0 -2,084	0	(	0	0	C	0 0	0	0	0	0		0 0	-2,084	
	Q-4605-000815		RO-GUIC AA REPLACEMENT-SPRING VALLEY VAR	C	-	2	0 -2,791	0	(	0	0		0 0	0	-1,241	0	0		0 0	-4,034	
	Q-4605-000817		RO-GUIC AA REPLACEMENT-60TH AVE NW	C	-	2	0 -6,725	0	(	-49	-27		0 0	0	0	0	0		0 0	-6,803	
re Steel	Q-4605-000993		FM-MERC BARE STEEL OAK RIDGE (FAIRMONT)	C		0	0 -5	0	(	0	0	C	0 0	0	0	0	0		0 0	-5	
re Steel	Q-4605-001015		RO-GUIC BARE STEEL10TH ST (ROCHESTER)	C	1	)	0 0	0	(	0	0	C	0 0	0	0	0	-4		0 0	-4	
rube	Q-4605-000842		RO-GUIC - XTRUBE (SPRING GROVE)	C		)	0 0	0	(	0	0	C	0 -919	0	0	0	0		0 0	-919	
rube	Q-4605-000852		RO-GUIC - XTRUBE HWY 44 (SPRING GROVE)	C	1	)	0 -53	0	(	0	0	C	0 0	0	-96	0	0		0 0	-149	
rube	Q-4605-000882		BM-MAIN REPAIR SERVICE TEE FOR X-TRUBE SERVICE REPL	C		0	0 0	0	(	0	0	C	0 -2	0	0	0	0		0 0	-2	
rube	Q-4605-000948		WA-GUIC MAIN REPLACE MAIN N CONLEY THIEF	C		)	0 -26	0	(	0	0	C	0 -259	0	0	0	0		0 0	-285	
rube	Q-4605-000949		WA-GUIC X TRUBE REPL TRF	C		0	0 0	0	(	0	0	C	0 0	0	0	0	0		0 0	0	
rube	Q-4605-001061		RO-GUIC ROBERT SAUER- 3RD AVE (HARMONY)	C		)	0 0	0	(	0	0	C	0 0	0	0	0	0		0 0	0	
trube	Q-4605-001062		RO-GUIC ALLEN DAHL/ 2ND ST SE (HARMONY)	C		)	0 0	0	(	0	0	C	0 0	0	0	0	0		0 0	0	
rube tal	Q-4605-001106	2956841	RO-GUIC LARRY TON- S MAIN AVE (HARMONY)	C		) 3 -2.61	0 0 3 -54.316	-1.839	-41	-4,848	-39	C	0 0	0	-3.475	0	-450		0 0	-69,706	

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#### [PRIVATE DATA BEGINS....

Туре	WR#	Related WR	Op District	ProjectName	Address	City	Description	
A	2854545	2775075	op District	rojeuvalne	Audress	EMMONS	GUIC AA REPL	
	2854545	2775075	94			EMMONS	GUIC AA REPL GUIC AA REPL	
	2854548	2775075	94			EMMONS	GUIC AA REPL	
	2854546	2775075	94			EMMONS	GUIC AA REPL	
	2884021	2844834	94			CHATFIELD	GUIC AG SERVICE / REPLACE SVC. W/ 1"SHORT SIDE - 250 MTR	
	2854907	2775040	94			ALDEN	GUIC AA REPL	
	2854911	2775040	94			ALDEN	GUIC AA REPL	
	2854912	2775040	94			ALDEN	GUIC AA REPL	
	2854910	2775040	94			ALDEN	GUIC AA REPL	
	2854908	2775040	94			ALDEN	GUIC AA REPL	
	2883778	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2883822	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2883864	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2883918	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2883881	2844834	95			CHATFIELD	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2883908	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2883946	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1"SHORT SIDE - 250 MTR	
	2880896	2846033	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1"SHORT SIDE - 1000 MTR	
	2854170	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854169	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2880563	2846033	95			RC-ROCHESTER-RCHSTR SD-C	GIIC AA SERVICE / REPLACE SVC. SHORT SIDE - 425/630 MTR	
	2880536	2846033	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. LONG SIDE - 425/630 MTR	
	2880861	2846033	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 1000 MTR	
	2884106	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2884100	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2884101	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2884102	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2884099	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2887450	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887513	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE REPLACEMENT	
	2887371	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2893013	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
	2891287	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL	
	2893177	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL	
	2893172	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL	
	2893173	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL	
	2893176	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL	
	2893168	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL	
	2887363 2887501	2845248 2845248	95			RC-BYRON-BRYRON SD-C RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1"SHORT SIDE - 250 MTR GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
			95					
	2887449 2887500	2845248 2845248	95			RC-BYRON-BRYRON SD-C RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887500	2845248	95			RC-BYRON-BRYRON SD-C RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887448	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887447	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	288/446	2845248 2844610	95			RC-BYRON-BRYRON SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC SERVICE/REPLACE SVC. W/ 1° SHORT SIDE - 250 MTR GUICC AA/ SERVICE REPLACEMENT	
	2884108	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2884108	2844610	95			RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2884107	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2884105	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2887514	2844010	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE REPLACEMENT	
	2887425	2845248	55			RC-BYRON-BRYRON SD-C	GUIC SERVICE / REPLACE SVC W / 1" SHORT SIDE - 250 MTR	
	2887512	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE REPLACEMENT	
	2887304	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887515	2845248	05			RC-BYRON-BRYRON SD-C	GUIC SERVICE REPLACEMENT	
	2887516	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE REPLACEMENT	
	2887495	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2854175	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854180	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854178	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854172	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2884083	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2884098	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUICC AA/ SERVICE REPLACEMENT	
	2887440	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887727	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887729	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887691	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1"SHORT SIDE - 250 MTR	
	2887694	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1"SHORT SIDE - 250 MTR	
	2887305	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887306	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887307	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887375	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887308	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2896148	2847503	95			RC-DODGECNTR-TRITON SD-C	GUIC/ SERVICE REPLACEMENT	
	2887835	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887839	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887837	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887966	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887952	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887881	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2887877	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887883	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887836	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887838	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2854168	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854163	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854164	2776416 2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854162		94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854167	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854165	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2884119	2844877	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2884483	2844877	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2884425	2844877	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2887959	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887964 2887724	2845248 2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887724 2887682		95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
		2845248	95			RC-BYRON-BRYRON SD-C RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887728 2887805	2845248 2845248	95			RC-BYRON-BRYRON SD-C RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	

Minnesota Energy Resources Corporation Docket No. G011/M-20-405 Attachment D to Reply Comments - Revised Exhibit J 2019 Obsolete Materials Replacement Projects Page 7 of 21

#### [PRIVATE DATA BEGINS....

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Туре	WR #	Related WR	Op District	ProjectName	Address	City	Description	
/l-A d-A	2884379	2844877	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2884469	2844877	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE /REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2884399	2844877	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2884419	2844877	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2887892	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887451	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887895	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887716	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887963	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887726	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887796	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887804	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHIORT SIDE - 250 MTR	
	2887806	2845248	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHIORT SIDE - 250 MTR	
	2854166	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854157	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854183	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL	
	2854585	2775065	94			FM-ELLENDALE -NRHEG SD-C	GUIC AA REPL GUIC AA REPL	
	2854588	2868816	94			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886503	2868816	95			RC-SPRINGGROVE-SPRGG SD-C RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886504	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886489	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886489 2901428	2868816 2868816	95			RC-SPRINGGROVE-SPRGG SD-C RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT GUICE MAIN RELOCATE / SERVICE REPLACEMENT	
	2901428	2868816	95			RC-SPRINGGROVE-SPRGG SD-C RC-SPRINGGROVE-SPRGG SD-C	GUICE MAIN RELOCATE / SERVICE REPLACEMENT GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886495	2868816	95			RC-SPRINGGROVE-SPRGG SD-C RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886491 2886501	2868816	95			RC-SPRINGGROVE-SPRGG SD-C RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886498	2868816	95			RC-SPRINGGROVE-SPRGG SD-C RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886498 2912437	2868816 2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT GUIC SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2896050	2845617	95			RC-KASSON-KSNMNTRVLSD-C	GUIC SERVICE / REPLACE SVC. W/ 1 LONG SIDE - 250 MTR	
	2895605	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895605	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895604	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2886496	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886500	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886492	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886479	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2887057	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE	
	2887048	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2895313	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2886490	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2887050	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2887014	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2886488	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886494	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2886502	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2854589	2775065	94			FM-ELLENDALE -NRHEG SD-C	GUIC AA REPL	
	2895607	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2886487	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2887052	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
	2854583	2775065	94			FM-ELLENDALE -NRHEG SD-C	GUIC AA REPL	
	2854594	2775065	94			FM-ELLENDALE -NRHEG SD-C	GUIC AA REPL	
	2854582	2775065	94			FM-ELLENDALE -NRHEG SD-C	GUIC AA REPL	
	2854581	2775065	94			FM-ELLENDALE -NRHEG SD-C	GUIC AA REPL	
	2895610	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895608	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895606	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2894672	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2894676	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2895303	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2897245	2693360	89			THIEF RIVER FALLS	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2854592	2775065	94			FM-ELLENDALE -NRHEG SD-C	GUIC AA REPL	
	2854595	2775065	94			FM-ELLENDALE -NRHEG SD-C	GUIC AA REPL	
	2854584	2775065	94			FM-ELLENDALE -NRHEG SD-C	GUIC AA REPL	
	2895645	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2895609	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895514 2895341	2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
		2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2895506	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHURL SUE - 250 MTR	
	2894659 2895275	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2895275 2896141	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2896141	2845617	95			RC-KASSON-KSNMNTRVLSD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2894677 2896347	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE REPLACEMENT	
	2896347 2896220	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT GUIC / SERVICE REPLACEMENT	
	2896220 2895640	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC / SERVICE REPLACEMENT GUIC SERVICE/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2895640	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2896144	2845617	95			RC-KASSON-KSIMINI TRVE SD-C	GUIC SERVICE / REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
	289511	2845617	95			RC-KASSON-KSNMNTRVLSD-C	GUIC SERVICE / REPORCE SVC. W/ 1 SHORT SIDE - 250 MTR	
	2895513	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
	2895346	2845617	95			RC-KASSON-KSNMINTRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2895641	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE / REPORCE SVC. W/ 1 SHORT SIDE - 250 MTR	
	2895643	2845617	95			RC-KASSON-KSIMINTRVLSD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2895045	2845617	95			RC-KASSON-KSNMNTRVLSD-C	GUIC SERVICE / REPLACE SVC. W/ 1 LONG SIDE - 250 MTR	
	2896344	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPORCEMENT	
	2896343	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2896351	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895515	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2895372	2845617	95			RC-KASSON-KSNMNTRVL SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2895516	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2895348	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895358	2845617	95			RC-KASSON-KSNMNTRVLSD-C	GUIC SERVICE REPLACEMENT	
	2895360	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895360	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895362	2845617	95			RC-KASSON-KSNMNTRVLSD-C	GUIC SERVICE REPLACEMENT	
	2895362	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
	2895644	2845617	95			RC-KASSON-KSNMNTRVLSD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2895614	2845617	05			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1 LONG SIDE - 250 MTR	
	2895614 2896349	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE /REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE REPLACEMENT	
			55					
	2896053	2845617	05			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	

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Туре	WR#	Related WR	Op District	ProjectName	Address	City	Description	
Aldyl-A	2895642	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
Aldyl-A	2896094	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
ldyl-A	2896348	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
dyl-A	2896346	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
dyl-A	2896345	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT	
dyl-A	2896350	2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE REPLACEMENT GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
dyl-A dyl-A	2896061 2895635	2845617 2845617	95			RC-KASSON-KSNMNTRVL SD-C RC-KASSON-KSNMNTRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
dyl-A dyl-A	2895035	2845617	95			RC-KASSON-KSNMNTRVL SD-C	GUIC / SERVICE / REPLACE SVC. W/ 1 LONG SIDE - 250 MTR	
ldyl-A	2893312	2845757	95			RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT	
ldyl-A	2886775	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
ldvl-A	2879754	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
dyl-A	2886773	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
ldvl-A	2886777	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
ldyl-A	2893302	2845757	95			RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT	
dyl-A	2886776	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
dyl-A	2893292	2845757	95			RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT	
dyl-A	2879755	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
iyi-A	2886774	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
lyl-A	2879756	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
yl-A	2893313	2845757	95			RC-CASCADE-RCHSTR SD-C RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
yl-A yl-A	2886769 2879753	2845757 2845757	95			RC-CASCADE-RCHSTR SD-C RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
yl-A yl-A	28/9/53	2845757	95			RC-CASCADE-RCHSTR SD-C RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
л-А /I-А	2909632	2693360	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
/I-A	2887053	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT	
/I-A	2891517	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
yl-A	2891519	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
/l-A	2891521	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
d-A	2899728	2845123	95			RC-BYRON-BRYRON SD-C	GUIC / SERVICE REPLACEMENT	
rl-A	2891515	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
A-h	2891516	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
A-h	2893061	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
/I-A	2891518	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
/l-A	2891520	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
yl-A yl-A	2891522 2891524	2845123 2845123	95			RC-BYRON-BRYRON SD-C RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT GUIC SERVICE / SERVICE REPLACEMENT	
	2891524 2893060	2845123 2845123	95			RC-BYRON-BRYRON SD-C RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
rl-A rl-A	2893060	2845123	95			RC-BYRON-BRYRON SD-C RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT GUIC SERVICE / SERVICE REPLACEMENT	
n-a rl-A	2893062	2845123 2845123	95			RC-BYRON-BRYRON SD-C RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
n-A I-A	2893063	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
1-A	2893059	2693360	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
I-A	2893058	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
I-A	2891523	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
I-A	2932242	2845123	95			RC-BYRON-BRYRON SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
I-A	2891426	2845123	95			RC-BYRON-BRYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT	
d-A	2880221	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A-h	2880212	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A-h	2896683	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A-h	2896481	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
/l-A	2896485	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
d-A	2896283	2845753 2845753	95			RC-ROCHESTER-RCHSTR SD-C RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
/l-A /l-A	2896486 2896357	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
n-A d-A	2896284	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
d-A	2896363	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
/l-A	2896461	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
d-A	2896282	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
I-A	2896281	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
I-A	2896272	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
I-A	2880220	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
I-A	2896365	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
I-A	2896364	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
I-A	2893311	2845757	95			RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT	
I-A	2893310	2845757	95			RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT	
-A	2896755	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
I-A	2896668 2946758	2845753 2845753	95			RC-ROCHESTER-RCHSTR SD-C RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
I-A	2946758 2893314	2845753 2845757	95			RC-ROCHESTER-RCHSTR SD-C RC-CASCADE-RCHSTR SD-C	2019 GUIC/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUICC AA SERVICE / SERVICE REPLACEMENT	
I-A	2893314 2879832	2845757 2845757	95			RC-CASCADE-RCHSTR SD-C RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
I-A	2886755	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
-A -A	2896675	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPACE SVC. W/ 1 LONG SIDE - 250 MTR	
-A	2893309	2845757	95			RC-CASCADE-RCHSTR SD-C	GUICE AA SERVICE / REPLACE SVC. W/ 1 LONG SIDE - 250 MTR	
-A	2893309	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / SERVICE REPLACE SVC. W/ 1"SHORT SIDE - 250 MTR	
-A	2880219	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
-A	2939868	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
-A	2886753	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
-A	2886747	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
-A	2893308	2845757	95			RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT	
A	2867629	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
-A	2867638	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A	2867637	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A	2886754	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A	2879830	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A	2893307	2845757	95			RC-CASCADE-RCHSTR SD-C RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT GUICC AA SERVICE / SERVICE REPLACEMENT	
A	2893306 2893305	2845757 2845757	95			RC-CASCADE-RCHSTR SD-C RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT GUICC AA SERVICE / SERVICE REPLACEMENT	
A	2893305	2845757	95			RC-CASCADE-RCHSTR SD-C RC-CASCADE-RCHSTR SD-C	GUICL AA SERVICE / SERVICE REPLACEMENT GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A	2893304	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / SERVICE REPLACEMENT	
A	2879803	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / SERVICE REPACEIVENT GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A	2896704	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
A	2896704	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
-A	2896799	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE / REPORCE SVC. W/ 1 SHORT SIDE - 250 MTR	
-A	2896800	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE /REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
-A	2896707	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
-A	2896708	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
d-A	2896801	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE /REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2896792	2845753	95			RC-ROCHESTER-RCHSTR SD-C	GUIC SERVICE /REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
1-A		2845757	05			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
iyi-A iyi-A	2933703 2893257	2845757				RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE/ SERVICE REPLACEMENT	

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#### [PRIVATE DATA BEGINS....

Type	WR#	Related WR	Op District	ProjectName Address	City	Pescription
Type	2893249	2845757	op bistilet	Address	RC-CASCADE-RCHSTR SD-C	Uescription GUIC AA SERVICE/SERVICE REPLACEMENT
а А	2893249 2913469	2845753	95		RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE/ SERVICE REPLACEMENT Replace ~300' 2" AA service with PE.
	2926200	2877997	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2926201	2877997	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2926199	2877997	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2926198 2926197	2877997 2877997	98		RUSH CITY RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2926197	2877997	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2926195	2877997	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2899271	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2899014	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2940950	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC/ REPLACE SVC. W/ 1"SHORT SIDE - 250 MTR
	2926204	2877997	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
	2899269 2899209	2847679 2847679	95		RC-DODGECNTR-TRITON SD-C RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2900273	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
	2926191	2877997	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
	2926190	2877997	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2899268	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2900211	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
	2900271	2847679	95		RC-DODGECNTR-TRITON SD-C RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
	2899274 2899272	2847679 2847679	95		RC-DODGECNTR-TRITON SD-C RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2899272 2899267	2847679	95		RC-DODGECNTR-TRITON SD-C RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1° SHORT SIDE - 250 MTR GUIC SERVICE/ REPLACE SVC. W/ 1° SHORT SIDE - 250 MTR
	2899270	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2900272	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
	2899011	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2899015	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2899273	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2900276	2847679	95		RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
	2926205 2926188	2877997 2877997	98		RUSH CITY RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2926188 2926202	2877997 2877997	98		RUSH CITY RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2926202	28//99/ 2844752	95		RC-CHATFIELD-CHTFLD SD-C	20109 GUIC BENNETT ST/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2884700	2844752	95		RC-CHATFIELD-CHTFLD SD-C	2019 GUIC BENNETT ST /REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2884691	2844752	95		RC-CHATFIELD-CHTFLD SD-C	209 GUIC BENNETT ST/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2884566	2844752	95		RC-CHATFIELD-CHTFLD SD-C	2019 GUIV BENNET ST / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2884698	2844752	95		RC-CHATFIELD-CHTFLD SD-C	2019 GUIC BENNETT ST/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2884625 2884544	2844752 2844752	95		RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	2019 GUIC BENNETT ST / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
	2884544 2884535	2844752 2844752	95		RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	2049 GUIC BENNETT ST / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR 2019 GUIC BENNETT ST/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2884535 2926185	2844752 2877997	95		RUSH CITY	2019 GUIC BENNETT ST/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
	2922645	2877997	98		BUSH CITY	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 25 MITA GUIC AN REPL/PARTIAL SERVICE REPLACEMENT
	2922646	2877997	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
	2957620	2847679	95		RC-DODGECNTR-TRITON SD-C	Retire ~290' of 2" service, Install ~340' of 1" PE Service
	2883548	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883546	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883539	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883545	2844598	95		RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT GUIC PROJECT / SERVICE REPLACEMENT
	2883547	2844598	95		RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883550	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883551	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883541	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883315	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883317	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883313	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883311 2883308	2844598	95		RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882759	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882577	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882753	2693360	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882751	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882757	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883120	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882573	2844598	05		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882573	2844598	95		RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882560	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882569	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2881598	2844598	95		RC-CHATFIELD-CHTFLD SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2881609	2844598	95		RC-CHATFIELD-CHTFLD SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
	2940325	2801469	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2940327 2940326	2801469 2801469	98		RUSH CITY RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2940326	2801469 2801469	98		RUSH CITY RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2940340	2801469	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2940332	2801469	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AG REPL/SERVICE REPLACEMENT
	2940338	2801469	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2940333	2801469	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2940328	2801469	98		RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	2882760	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2883312 2883314	2844598 2844598	95		RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT GUIC PROJECT / SERVICE REPLACEMENT
	2883314 2883316	2844598 2844598	95		RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT GUIC PROJECT / SERVICE REPLACEMENT
	2883316	2844598	95		RC-CHATFIELD-CHIFLD SD-C RC-CHATFIELD-CHIFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882758	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882756	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882752	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882754	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882574	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882570	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2882578	2844598	95		RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
	2969176 2883309	2844598	95		RC-CHATFIELD-CHTFLD SD-C	MN-TEMP REPLACE SVC W/ .5" LONG SIDE - 250 MTR
		2844598 2801469	95		RC-CHATFIELD-CHTFLD SD-C RUSH CITY	GUIC PROJECT / SERVICE REPLACEMENT
	2940335 2940336	2801469	98		RUSH CITY RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
	∠94U33b		98			
	2882572	2844598	05		RC-CHATEIELD-CHTELD SD-C	GUIC PROJECT / SERVICE REPLACEMENT

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#### [PRIVATE DATA BEGINS....

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Туре	WR#	Related WR	Op District	ProjectName	Address	City	Description	
dyl-A	2882568	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT	
yl-A	2940329	2801469	98			RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT	
yl-A	2881389	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
I-A	2880995	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
yl-A	2881381	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
I-A	2881360	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
rl-A	2881386	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
A-h	2880939	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
I-A	2880934	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
I-A	2881002	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
I-A I-A	2880927	2844598	95			RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
	2880935	2844598 2844598	95				GUIC/ SERVICE REPLACEMENT	
-A	2880942 2880937	2844598	95			RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT GUIC/ SERVICE REPLACEMENT	
I-A	2880937	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
rl-A rl-A	2880940	2844598	95			RC-CHATFIELD-CHTFLD SD-C RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
-A	2881344	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC / SERVICE REPLACE IN I GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
-A -A	2881388	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE / REPLACEMENT	
I-A	2977480	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC SERVICE REPLACEMENT	
-A	2881293	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE /REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
-A	2881382	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
A	2881400	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A	2881384	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
A	2881297	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE /REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A	2881390	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
A	2881387	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
A	2881383	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
A	2881385	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
A	2881380	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
A	2881001	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A	2881361	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
Α	2880936	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
1	2880938	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
Α	2880941	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
۱	2881298	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE /REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2881000	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2881435	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2963136	2844627 2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT/ REPLACE SVC. SHORT SIDE - 425/630 MTR	
<b>\</b>	2963238 2963206	2844627 2844627	95			RC-SPRNGVALLY-KNGLND SD-C RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT GIUC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A A	2963206	2844627	95			RC-SPRNGVALLY-KNGLND SD-C RC-SPRNGVALLY-KNGLND SD-C	GUCCAA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUICC AA PROJECT / SERVICE REPLACEMENT	
A	2963363	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT	
A	2963239	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT	
,	2962746	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUICC AA PROJECT / SERVICE REPLACEMENT	
A	2963170	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A	2962744	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUICC AA PROJECT / SERVICE REPLACEMENT	
A	2962743	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUICC AA PROJECT / SERVICE REPLACEMENT	
A	2963211	2693360	95			RC-SPRNGVALLY-KNGLND SD-C	GIUC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A	2858852	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
A	2858851	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
-A	2858881	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
A	2858871	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
A	2984344	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC SERVICE REPLACEMENT	
A	2858868	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
A	2858873	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
A	2858889	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
A	2858891	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
A	2858883	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
A	2858888	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
A	2858877	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
1	2985548	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC SERVICE REPLACEMENT	
4	2962745	2844627 2851183	95			RC-SPRNGVALLY-KNGLND SD-C	GUICC AA PROJECT / SERVICE REPLACEMENT	
1	2858847		98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
1	2858848 2858865	2851183 2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
			98					
	2858874 2983877	2851183 2844627	98			MORA RC-SPRNGVALLY-KNGLND SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT GUIC SERVICE REPLACEMENT	
	2983877 2858836	2844627 2851183	95			RC-SPRNGVALLY-KNGLND SD-C MORA	GUIC SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR. ADLYL-A/SERVICE REPLACEMENT	
	2858836	2851183 2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
	2858844	2851183 2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR. ADLYL-A/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR. ADLYL-A/SERVICE REPLACEMENT	
	2858845	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
	2858835	2851183	98			MORA	MN-TEMP REPERCE SVC. W/ 1" SHORT SIDE - 250 MTR ADEIES/SERVICE REPERCEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADEIES/SERVICE REPLACEMENT	
	2858837	2851183	00 80			MORA	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
	2858839	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADDIES/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADDIES/SERVICE REPLACEMENT	
	2858841	2851183	98			MORA	MN-TEMP REPEACE SVC. W/ 1" STOKE SIDE - 250 MTR. ADELEX/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR. ADELYL-A/SERVICE REPLACEMENT	
	2858838	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
	2893274	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE/ SERVICE REPLACEMENT	
	2893303	2845757	95			RC-CASCADE-RCHSTR SD-C	GUICC AA SERVICE / SERVICE REPLACEMENT	
	2962043	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2858849	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT	
	2961871	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2962493	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2962492	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2961862	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2962490	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2961870	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2961999	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2962369	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2961868	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2961872	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2992591	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC SPRING VALLEY / SERVICE REPLACEMENT	
	2971707	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2971704	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2971705	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2971706	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2971708	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2971712	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
						WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2971709 2971746	2968818 2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	

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#### [PRIVATE DATA BEGINS....

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Туре	WR#	Related WR	Op District	ProjectName	Address	City	Description	
Aldyl-A	2971710	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
dyl-A	2971713	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
-A -A	2995188	2968818	89			HEWITT	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2973609	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR	
A.	2971714 2973608	2968818 2968818	89			WDN-HEWITT-BERTH HWT SD-C WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A A	2973610	2968818	89			WDN-HEWITI-BERTH HWT SD-C WDN-HEWITT-BERTH HWT SD-C	MN-1EMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
I-A	2994564	2968818	89			HEWITT	MN-TEMP REPORE SVC: W/ 1 EDNG SIDE 225 WITK	
-A	2973612	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
-A	2973613	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A	2973611	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A	2995187	2968818	89			HEWITT	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A	2973617	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A	2973616	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
A	2996386	2968818 2968818	89			HEWITT WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
-A -A	2973614 2973615	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
-A	2997120	2846177	95			RC-ROCHESTER-RCHSTR SD-C	GUIC / PARTIAL REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
A	2997193	2846177	95			RC-ROCHESTER-RCHSTR SD-C	GUIC / PARTIAL REPLACE SVC W/ .5" SHORT SIDE - 250 MTR	
A	2880943	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT	
A	2961946	2844627	95			RC-SPRNGVALLY-KNGLND SD-C	GUIC AA PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e .	2874080	2693360	95			CHATFIELD	GUIC LEAK ON X-TRUBE TEE	
be be	2671558	2693360 2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
ie ie	2671554 2672211	2693360	97			BEMIDI	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e e	2672211	2693360	97			BEMIDI	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e	2671533	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e	2871967	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e	2671550	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e	2671542	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e e	2671536	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2672192	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2875812	2693360	95			PRESTON	GUIC XTRUBE / SERVICE REPLACEMENT	
be be	2676676 2672229	2693360 2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
be be	2672229	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2672203	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
ie .	2672217	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
be .	2672174	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
be	2672170	2693360	97			BEMIDJI	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
be .	2659180	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e .	2659182 2672233	2693360 2693360	89			WDN-THF RV FL-THFRVR SD-C BMJ-BEMIDJI-BEMIDJI SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
be be	2672233	2693360	97			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
be	2659183	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MINITERIP REPLACE SVC. W/ 1 BONG SIDE - 250 MTR XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
be	2749578	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE extrube service with PE .	
be	2522780	2693360	97			BEMIDJI	XTRUBE/ SERVICE REPLACEMENT	
be	2672180	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
be	2522788	2693360	97			BEMIDJI	XTRUBE/ SERVICE REPLACEMENT	
be	2883099 2655493	2693360	95			RC-ROCHESTER-RCHSTR SD-C WDN-THE RV FL-THERVR SD-C	GUIC XTRUBE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
be be	2655493 2671456	2693360	89			WDN-THF RV FL-THFRVR SD-C BMJ-BEMIDJI-BEMIDJI SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
be	2672196	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
be	2551744	2693360	97			BEMIDI	SERVICE REPLACEMENT	
ibe	2672214	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
ibe	2672242	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
be	2672241	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
be be	2883757	2693360	95			RC-ROCHESTER-RCHSTR SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
be be	2878554 2672221	2693360 2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
ie ie	2672257	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C BMJ-BEMIDJI-BEMIDJI SD-C	MN-1EMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2672246	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
ie ie	2889748	2693360	95			RC-CALEDONIA-CALDNIA SD-C	GUIC XTRUBE / SERVICE REPLACEMENT	
e	2887067	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e	2887068	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e	2654953	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e	2583329	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e	2591190 2654930	2693360 2693360	89			WDN-THF RV FL-THFRVR SD-C WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e e	2654930 2654926	2693360	89			WDN-THF RV FL-THFRVR SD-C WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2654926	2693360	89			WDN-THF RV FL-THFRVR SD-C WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2654913	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MIN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
2	2654924	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2654948	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2654931	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2654916	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2654920	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e e	2654928 2730043	2693360 2693360	89			WDN-THF RV FL-THFRVR SD-C WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR X TRUBE ? SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
ie ie	2/30043 2654951	2693360	89			WDN-THE RV FL-THERVR SD-C WDN-THE RV FL-THERVR SD-C	X TRUBE ? SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
ie ie	2655503	2693360	89			WDN-THF RV FL-THFRVR SD-C WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2669208	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MINITERIN REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
e	2669209	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
2	2669207	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2678830	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2669205	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2887070	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2678828 2669274	2693360 2693360	89			WDN-THF RV FL-THFRVR SD-C WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2669274 2887065	2693360 2693360	89			WDN-THF RV FL-THFRVR SD-C BMJ-BEMIDJI-BEMIDJI SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
2	2655495	2693360	97			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2655495	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MIN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR XTRUBE/SERVICE REPLACEMENT MIN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2672223	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e	2874015	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
e e	2881318	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2880873	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2887071	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2891493	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2887069	2693360				BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	

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#### [PRIVATE DATA BEGINS....

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Туре	WR #	Related WR	Op District	ProjectName	Address	City	Description	
ube	2678847	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
e	2678846	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2678845	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2675977	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2675972	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2678831	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2678848	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2675978	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2669272	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2669271	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR	
	2675975	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2889713	2693360	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2675980	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2669181	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2897244	2693360	89			THIEF RIVER FALLS	XTRUBE REPLACEMENT MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR	
	2684724 2903641	2693360 2693360	89			WDN-THF RV FL-THFRVR SD-C WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2903641	2693360	89			RC-EYOTA-DOVEREYOTA SD-C	GUIC EXTRUBE / SERVICE REPLACEMENT	
	2870061	2693360	95			RC-CALEDONIA-CALDNIA SD-C	GUIC EXTRUBE / SERVICE REPLACEMENT	
	2889885	2693360	95			RC-CALEDONIA-CALDNIA SD-C RC-CALEDONIA-CALDNIA SD-C	GUIC XTRUBE / SERVICE REPLACEMENT	
	2883160	2693360	95			RC-ROCHESTER-RCHSTR SD-C	GUIC XTRUBE / SERVICE REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
			95			RC-ROCHESTER-RCHSTR SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2883366 2910776	2693360 2693360	95			BMJ-BEMIDJI-BEMIDJI SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1° SHORT SIDE - 250 MTR	
	2910776	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2910794	2693360	97			RC-ROCHESTER-RCHSTR SD-C	REPLACE SVC. W/ 1" LONG SIDE - 250 MTR REPLACEMENT - GUIC XTRUBE	
	2913908 2883140	2693360	95			RC-ROCHESTER-RCHSTR SD-C RC-ROCHESTER-RCHSTR SD-C	REPLACEMENT - GUIC XTRUBE GUIC XTRUBE/ REPLACE SVC W/ 1" SHORT SIDE - 250 MTR	
	2883140	2693360	95			RC-MABEL-MBLCANTN SD-C	GUIC XTRUBE/ REPLACE SVC. W/ 1° SHORT SIDE - 250 MTR GUIC UNDERGROUND LEAK XTRUBE	
	2924896	2693360	32			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2912485	2904175	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2912486	2904175	09			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2912487	2693360	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
	2918948	2693360	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2946064	2693360	20			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1 LONG SIDE - 250 MIR MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MIR	
	2945743	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2872005	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1 SHOKE SIDE - 250 MTR	
	2937115	2693360	97			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2947701	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2948034	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/1" SHORT SIDE - 250 MTR	
	2944337	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2945353	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2944343	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2943623	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2947702	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2945823	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2946828	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2945689	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2947722	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2945750	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT	
	2945751	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT	
	2948065	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / SERVICE REPLACEMENT	
	2948064	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / SERVICE REPLACEMENT	
	2946687	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2947425	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUVE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2947724	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2945625	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SVC/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2951385	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2943628	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBR/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2947728	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2946875	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2945688	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2945634	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT	
	2946683	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2945822	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2946686	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2944827	2693360	89			WDN-THF RV FL-THFRVR SD-C	GUIC XTRUBE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2947727	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2947703	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2948368 2965901	2693360 2693360	95			RC-HARMONY-FILLMRCTL SD-C WDN-THF RV FL-THFRVR SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2965901 2948290	2693360 2693360	89			WDN-THF RV FL-THFRVR SD-C RC-HARMONY-FILLMRCTL SD-C	MN-TEMP REPLACE SVC. W/ 1° LONG SIDE - 250 MTR GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2948290 2945680	2693360	95			RC-HARMONY-FILLMRCTL SD-C RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT GUIC XTRUBE SVC / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2945680	2693360	32			RC-HARMONY-FILLMRCTLSD-C RC-HARMONY-FILLMRCTLSD-C	GUIC X TRUBE SVC / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC X TRUBE /REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2946574 2947432	2693360	95			RC-HARMONY-FILLMRCTL SD-C RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE /REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC X TRUVE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2947432	2693360	95			RC-HARMONY-FILLMRCTLSD-C	GUIC X TROVE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC XTRUBE REPLACEMENT	
	2945748	2693360	32			RC-HARMONY-FILLMRCTLSD-C RC-HARMONY-FILLMRCTLSD-C	GUIC XTRUBE REPLACE SVC W/ 1" SHORT SIDE - 250 MTR	
	2945547	2693360	33			BMJ-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1 SHORT SIDE - 250 MTR	
	2961287	2693360	97			RC-MABEL-MBLCANTN SD-C	GUIC X-Trube Repl	
	2968988	2693360	95			RC-MABEL-MBLCANTN SD-C	GUIC X-Trube Repl	
	2961179	2693360	95			RC-MABEL-MBLCANTN SD-C	GUIC X-Trube Repl	
	2945756	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT	
	2945825	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2945826	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2945754	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT	
	2945752	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT	
	2947398	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2946567	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2947392	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2947700	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2947723	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2947732	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2947730	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2956827	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT	
	2943611	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
	2946607	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2947731	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2948326	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	
	2947641	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
		2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE V/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
	2945628							
	2945628 2947729	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT	

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### [PRIVATE DATA BEGINS....

Туре	WR#	Related WR	Op District	ProjectName	Address	City	Description
be	2945747	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT
be	2948369	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
rube	2946873	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
rube	2946832	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
rube	2945814	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC_XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
rube	2945694	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SERVICE REPLACEMENT
trube	2946831	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
trube	2948370	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
trube	2947726	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
trube	2945749	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT
rube	2945755	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT
rube	2947399	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
rube	2944890	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC REPLACEMENT/ REPLACE SVC W/ .5" SHORT SIDE - 250 MTR
rube	2945753	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT
rube	2945824	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
rube	2945757	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT
rube	2947655	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
rube	2947666	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
trube	2986350	2693360	95			RC-PINEISLAND-PINEIS SD-C	REPLACEMENT - LEAK REPAIR
rube	2927069	2693360	95			RC-LANESBORO-LNSBRO SD-C	GUIC XTRUBE REPLACEMENT
rube	2947697	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
trube	2948371	2693360	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
trube	2960609	2956841	95			RC-HARMONY-FILLMRCTL SD-C	GUIC XTRUBE / SERVICE REPLACEMENT
trube	2654958	2693360	89			WDN THE RV FL THERVR SD C	XTRUBE/SERVICE REPLACEMENT-MN TEMP REPLACE SVC. W/ 1" LONG SIDE -250 MTR
-trube	2987663	2693360	95			RC-CHATFIELD-CHTFLD SD-C	XTRUBE LEAK / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
ldyl-A	2894924	2844610	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
ldyl-A	2922593	2906370	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
dyl-A	2922592	2906370	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
dyl-A	2922594	2906370	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
dyl-A	2916717	2906370	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
ldyl-A	2922595	2906370	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
Idyl-A	2916716	2906370	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
	Total						

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Not         Not <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Page 14 of 21 Service Installation Cost</th>				-						Page 14 of 21 Service Installation Cost
Add Bod <th>Туре</th> <th></th> <th></th> <th>Op District</th> <th>ProjectName</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Туре			Op District	ProjectName					
Mod Not <td></td> <td></td> <td></td> <td>94</td> <td></td> <td>4/18/2019</td> <td></td> <td>42 1/2" Plastic</td> <td></td> <td>979.59 1.622.74</td>				94		4/18/2019		42 1/2" Plastic		979.59 1.622.74
Abd         Abd <td>л-а d-А</td> <td></td> <td></td> <td>94</td> <td></td> <td></td> <td>4 1" and smaller 4 1" and smaller</td> <td>84 1/2" Plastic 89 1/2" Plastic</td> <td></td> <td>1,622.74 1,380.10</td>	л-а d-А			94			4 1" and smaller 4 1" and smaller	84 1/2" Plastic 89 1/2" Plastic		1,622.74 1,380.10
Not         Not        Not         Not         Not	/l-A	2854546		94		4/19/2019		37 1/2" Plastic	37 \$	854.47
Math         Math <th< td=""><td>/I-A</td><td></td><td></td><td>95</td><td></td><td>4/22/2019</td><td>4 1" and smaller</td><td>47 1/2" Plastic</td><td>55 \$</td><td>1,472.76</td></th<>	/I-A			95		4/22/2019	4 1" and smaller	47 1/2" Plastic	55 \$	1,472.76
Mode         Mode <th< td=""><td></td><td></td><td></td><td>94</td><td></td><td></td><td></td><td></td><td></td><td>1,479.06</td></th<>				94						1,479.06
Not         Not        Not         Not         Not				94						1,996.09
None         None        None        None        No	/I-A d-A	2854910	2775040	94		4/24/2019	4 1" and smaller 4 1" and smaller	33 1/2" Plastic 72 1/2" Plastic	36 \$	1,068.12 1,820.99
Math         Math <th< td=""><td>/l-A</td><td></td><td></td><td>95</td><td></td><td>4/24/2019</td><td>4 1" and smaller</td><td></td><td>100 \$</td><td>2,521.13</td></th<>	/l-A			95		4/24/2019	4 1" and smaller		100 \$	2,521.13
Not     Not <td>/l-A</td> <td>2883822</td> <td>2844834</td> <td>95</td> <td></td> <td>4/24/2019</td> <td>4 1" and smaller</td> <td>94 1/2" Plastic</td> <td>10 \$</td> <td>2,349.08</td>	/l-A	2883822	2844834	95		4/24/2019	4 1" and smaller	94 1/2" Plastic	10 \$	2,349.08
Not         Not <td></td> <td></td> <td></td> <td>95</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,674.78</td>				95						1,674.78
Added         Added <th< td=""><td></td><td></td><td>2844834</td><td>95</td><td></td><td>4/24/2019</td><td></td><td></td><td></td><td>2,354.46</td></th<>			2844834	95		4/24/2019				2,354.46
MAM         MAM <td></td> <td></td> <td>2844834</td> <td>95</td> <td></td> <td>4/24/2019</td> <td></td> <td></td> <td></td> <td>1,815.16</td>			2844834	95		4/24/2019				1,815.16
Math Sol <td>/I-A</td> <td>2883946</td> <td>2844834</td> <td>95</td> <td></td> <td>4/24/2019</td> <td>4 1" and smaller</td> <td>41 1/2" Plastic</td> <td></td> <td>1,537.20</td>	/I-A	2883946	2844834	95		4/24/2019	4 1" and smaller	41 1/2" Plastic		1,537.20
NAM         NAM <td>/l-A</td> <td></td> <td></td> <td>94</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,163.33</td>	/l-A			94						1,163.33
Math	/l-A			94		5/2/2019	5 1" and smaller	39 1/2" Plastic		965.24 2.010.29
NAME <t< td=""><td></td><td></td><td></td><td>95</td><td></td><td></td><td></td><td></td><td></td><td>2,010.29 740.04</td></t<>				95						2,010.29 740.04
Math Math<	/l-A	2880861	2846033	95		5/3/2019	5 1" and smaller	150 1/2" Plastic	87 \$	2,653.38
MADA         Same         Mada         Same         Mada         Same         Mada         Same         Mada         Same         Mada         Mada <th< td=""><td>/l-A</td><td>2884106</td><td></td><td>95</td><td></td><td>5/7/2019</td><td>5 1" and smaller</td><td>47 1/2" Plastic</td><td>45 \$</td><td>1,247.53</td></th<>	/l-A	2884106		95		5/7/2019	5 1" and smaller	47 1/2" Plastic	45 \$	1,247.53
Abox Abox<	/I-A d-A	2884100	2844610	95				58 1/2" Plastic	56 \$	1,756.22 1,752.35
MAM     MAM <td>/I-A</td> <td></td> <td></td> <td>95</td> <td></td> <td>5/9/2019</td> <td>5 1" and smaller</td> <td>57 1/2" Plastic</td> <td>56 \$</td> <td>1,957.31</td>	/I-A			95		5/9/2019	5 1" and smaller	57 1/2" Plastic	56 \$	1,957.31
Abb.         Abb. <th< td=""><td></td><td></td><td></td><td>95</td><td></td><td></td><td></td><td></td><td></td><td>1,231.44</td></th<>				95						1,231.44
MAAL         BOTAL         BOTAL <thb< td=""><td></td><td></td><td></td><td>95</td><td></td><td></td><td></td><td></td><td></td><td>2,781.98 2,582.41</td></thb<>				95						2,781.98 2,582.41
MAM     MAM <td>/l-A</td> <td>2887371</td> <td>2845248</td> <td>95</td> <td></td> <td>5/9/2019</td> <td>5 1" and smaller</td> <td>56 1/2" Plastic</td> <td>107 \$</td> <td>2,476.80</td>	/l-A	2887371	2845248	95		5/9/2019	5 1" and smaller	56 1/2" Plastic	107 \$	2,476.80
MADA         Solito         Solito <td>/l-A</td> <td>2893013</td> <td>2845248</td> <td>95</td> <td></td> <td>5/9/2019</td> <td>5 1" and smaller</td> <td>34 3/4" Steel</td> <td>40 \$</td> <td>1,479.19</td>	/l-A	2893013	2845248	95		5/9/2019	5 1" and smaller	34 3/4" Steel	40 \$	1,479.19
MAA <td>л-А d-А</td> <td>2891287</td> <td>2746693</td> <td>94</td> <td></td> <td>5/9/2019</td> <td>5 1" and smaller 5 1" and smaller</td> <td>98 1/2" Plastic 98 1/2" Plastic</td> <td>25 \$</td> <td>3,093.47 2,182.77</td>	л-А d-А	2891287	2746693	94		5/9/2019	5 1" and smaller 5 1" and smaller	98 1/2" Plastic 98 1/2" Plastic	25 \$	3,093.47 2,182.77
MAX BD3 P100 P100 P1 P100 P1 P100 P1000 P100 P1000 P1000 P1000 <td></td> <td></td> <td></td> <td>94</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2,113.47</td>				94						2,113.47
AbA     3130     7000     6     7 an kab     6     7 an kab     3				94						2,608.26
MAA     MAA <td>/I-A /I-A</td> <td>2893176</td> <td>2746693</td> <td>94</td> <td></td> <td>5/9/2019</td> <td>5 1" and smaller 5 1" and smaller</td> <td>98 1/2" Plastic 40 1/2" Plastic</td> <td>41 \$</td> <td>2,192.07 2,047.79</td>	/I-A /I-A	2893176	2746693	94		5/9/2019	5 1" and smaller 5 1" and smaller	98 1/2" Plastic 40 1/2" Plastic	41 \$	2,192.07 2,047.79
AmAA         Bit	/l-A		2845248	95		5/10/2019	5 1" and smaller	91 1/2" Plastic	24 \$	2,147.61
AmAA     2000     9000     9     9     9     9     9       AmAA     2000     9     9     9     9     9       AmAA     2000     9     9     9     9     9       AmAA     2000     9     9     9     9     9     9     9       AmAA     2000     9     9     9     9     9     9     9     9       AmAA     2000     9     9     9     9     9     9     9     9       AmAA     2000     9     9     9     9     9     9     9     9       AmAA     2000     9     9     9     9     9     9     9     9     9       AmAA     2000     9     9     9     9     9     9     9     9       AmAA     2000     9     9     9     9     9     9     9     9        AmAA<	/l-A			95		5/10/2019	5 1" and smaller			1,611.25
MAA         Q	/I-A d-A			95		5/10/2019				1,779.93
AMAA     AMAA     AMAA     AMAA     AMAA     A     I <td></td> <td>2887448</td> <td>2845248</td> <td>95</td> <td></td> <td>5/10/2019</td> <td></td> <td></td> <td></td> <td>1,529.86</td>		2887448	2845248	95		5/10/2019				1,529.86
MAA     Jakaba		2887447	2845248	95		5/10/2019				1,741.94
MAAMA	/I-A d-A			95		5/10/2019	5 1" and smaller 5 1" and smaller	32 1/2" Plastic		1,390.89 1,511.66
MAA     MAA <td></td> <td></td> <td></td> <td>95</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,367.14</td>				95						1,367.14
Abb     38105     38104     9     5     1	/l-A	2884107	2844610	95		5/13/2019	5 1" and smaller	49 1/2" Plastic	47 \$	1,517.18
AbbA AbbA AbbABHSB S 1000000000000000000000000000000000000				95		5/13/2019				1,844.55
AMAA30710301231 ad safety31 331 7 ad safety32 331 7 ad safety32 331 7 ad safety32 331				95						1,553.36
AMAA         20173         20154         201744         201744         201744         <	/I-A	2887425	2845248	95		5/13/2019		28 1/2" Plastic	32 \$	1,248.56
AbbyA2817-3281-10999	/I-A d-A	2887512	2845248	95		5/13/2019		30 1/2" Plastic 27 1/2" Plastic	36 \$	1,729.13 1,537.41
AbbA2817828161951/2000511 </td <td>d-A</td> <td></td> <td></td> <td>95</td> <td></td> <td>5/13/2019</td> <td>5 1" and smaller</td> <td>47 1/2" Plastic</td> <td></td> <td>2,020.80</td>	d-A			95		5/13/2019	5 1" and smaller	47 1/2" Plastic		2,020.80
AbalyA255.007.1 % durable6.01.1 % durable6.01.1 % durable7.5 %AbalyA245.0027.9 % durable0.01.1 % durable<	/l-A	2887516	2845248	95		5/13/2019	5 1" and smaller	28 1/2" Plastic	34 \$	1,253.45
AbbA       285439       27646       9         AbbA       285478       277665       9         AbbA       28508       27660       9         AbbA       28009       24600       9       10       17.7 Parkt       0.9       1         AbbA       28009       28038       9       31.6 order				95						1,348.59
Abb/A2B5422745499991/2 Piskic9101/2 Piskic1010110 <t< td=""><td>/l-A</td><td>2854180</td><td>2776416</td><td>94</td><td></td><td>5/14/2019</td><td>5 1" and smaller</td><td>67 1" Plastic</td><td>7 \$</td><td>2,540.73</td></t<>	/l-A	2854180	2776416	94		5/14/2019	5 1" and smaller	67 1" Plastic	7 \$	2,540.73
AbplA       284080       344080       9       51 a d summer       171       17 b st         AbplA       284090	/I-A			94		5/14/2019	5 1" and smaller	67 1" Plastic		2,505.25
Abbi       28400       28400       247 Market       92 // Plantet	л-а d-а	2854172	27/6416 2844610	94		5/14/2019	5 1" and smaller 5 1" and smaller	38 1/2" Plastic	35 \$	2,697.11 3.639.27
Adv/A         28772         28528         9           Adv/A         28772         28528         9           Adv/A         28772         28528         9           Adv/A         28778         28528         9           Adv/A         28779         28528         9           Adv/A         28778         28528         9         310         9           Adv/A         28778         28528         9         310         11 ad similar         45         127 hists         48           Adv/A         28778         28528         9         312 ad similar         13         127 hists         44         5           Adv/A         28778         28528         9         51 ad similar         13         127 hists         44         5           Adv/A         28778         28528         9         51/s/d019         51 ad similar         13         127 hists         44         5           Adv/A         28778         28528         9         51/s/d019         51 ad similar         13         127 hists         43         2           Adv/A         28788         28528         9         51/s/d019         51 ad similar         13 <t< td=""><td>/l-A</td><td>2884098</td><td></td><td>95</td><td></td><td>5/14/2019</td><td>5 1" and smaller</td><td>52 1/2" Plastic</td><td>50 \$</td><td>1,663.83</td></t<>	/l-A	2884098		95		5/14/2019	5 1" and smaller	52 1/2" Plastic	50 \$	1,663.83
Alah/A28799985/3891/1 Ard smaller3/1 Ard				95						2,266.75
AbplA       28794 <td< td=""><td></td><td></td><td></td><td>95</td><td></td><td>5/14/2019</td><td></td><td></td><td></td><td>1,584.96 1,484.96</td></td<>				95		5/14/2019				1,584.96 1,484.96
Adp/A       28794       28528       9       3 1 ard smaller       9.5 1 ard smaller	/l-A	2887691	2845248	95		5/14/2019	5 1" and smaller	45 1/2" Plastic	48 \$	1,844.82
Aby/A       282730       284248       95       1/4 and smaller	/l-A		2845248	95		5/14/2019	5 1" and smaller	35 1/2" Plastic	39 \$	1,661.30
Ady/A         2887397         286528         95         51/4/2019	л-л d-А			95		5/14/2019	5 1" and smaller 5 1" and smaller	52 1/2" Plastic 38 1/2" Plastic		1,883.02
Ady-A       287.08       287.08       287.08       287.08       287.03       5       1° and smaller       162       12° Plants       168       5         Ady-A       287.03       285.248       95       516.620.9       51° and smaller       30       12° Plants       37       5         Ady-A       287.83       285.248       95       516.020.9       51° and smaller       30       12° Plants       37       5         Ady-A       287.83       285.248       95       50/020.90       51° and smaller       30       12° Plants       30       5         Ady-A       287.95       285.248       95       50/020.90       51° and smaller       31       12° Plants       30       5         Ady-A       287.95       285.248       95       50/020.90       51° and smaller       31       12° Plants       30       5         Ady-A       287.97       285.248       95       50/020.90       51° and smaller       31       12° Plants       30       5       31       31       12° Plants       30       31       31       31       31       31       31       31       31       31       31       31       31       31       31			2845248	95		5/14/2019		35 1/2" Plastic		1,824.06
Ady/A       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288783       288784       30       1/2 Plastic       400       5         Ady/A       288786       288786       288783       288784       30       1/2 Plastic       72       5         Ady/A       288787       288528       285428       5       5/20/2019       5       1' and smaller       61       1/2 Plastic       80       5         Ady/A       288781       285428       5       5/20/2019       5       1' and smaller       73       1/2 Plastic       80       5         Ady/A       288783       284528       5       5/20/2019       5       1' and smaller       61       1/2 Plastic       81       5         Ady/A       288783       284528       5       28/20/2019       5       1' and smaller       61       1/2 Plastic       81       5         Ady/A       288783       284528       5       28/20/2019       5       1' and smaller       61       1/2 Plastic       81				95						2,210.14
Ady-A       287835       2845246       95       5/16/019       5 1° and smaller       30       1/2 Plastic       40         Ady-A       288737       2845248       95       5/20/019       5 1° and smaller       30       1/2 Plastic       37       5         Ady-A       288737       2845248       95       5/20/019       5 1° and smaller       30       1/2 Plastic       37       5         Ady-A       2887952       2845248       95       5/20/019       5 1° and smaller       30       1/2 Plastic       30       5         Ady-A       2887970       2845248       95       5/20/019       5 1° and smaller       31       1/2 Plastic       40       5         Ady-A       2887877       2845248       95       5/20/019       5 1° and smaller       31       1/2 Plastic       40       5         Ady-A       288787       2845248       95       5/20/019       5 1° and smaller       31       1/2 Plastic       40       5       4       4       6       4       6       4       5       4       4       6       4       6       4       6       4       6       4       6       4       6       4       6       6			2845248 2847503	95		5/15/2019		65 1/2" Plastic 132 1/2" Plastic	70 \$	1,877.92 2,900.24
Ady-A       SaTR33       284528       95       1 and smaller       92       1/2 'Pistic       40       5         Ady-A       283796       284528       95       5 'I' and smaller       61       1/2 'Pistic       72       5         Ady-A       283796       284528       95       5/2/0/2019       5 'I' and smaller       61       1/2 'Pistic       68       72         Ady-A       283781       284528       95       5/2/0/2019       5 'I' and smaller       71       72 <td< td=""><td>/l-A</td><td>2887835</td><td>2845248</td><td>95</td><td></td><td>5/16/2019</td><td>5 1" and smaller</td><td>30 1/2" Plastic</td><td>37 \$</td><td>1,580.82</td></td<>	/l-A	2887835	2845248	95		5/16/2019	5 1" and smaller	30 1/2" Plastic	37 \$	1,580.82
Aby/A       Star966       248796       248796       248796       248796       248796       248796       248798       268781       248528       248528       248528       258783       248528       258783       248528       25       25702       25 11 and smaller       71       27 Pistic       60       5         Ady/A       288783       284528       25       257833       284528       25	/l-A		2845248	95		5/20/2019	5 1" and smaller	32 1/2" Plastic		1,504.25
Ady/A       2827952       2845248       9       40       5       12* Plastic       40       5         Ady/A       2827951       2845248       9       5       1* and smaller       71       12* Plastic       79       5       1* and smaller       71       12* Plastic       75       5       1* and smaller       71       71       72* Plastic       75       5       1* and smaller       71       71       71* Plastic       71 <td< td=""><td></td><td></td><td></td><td>95</td><td></td><td></td><td></td><td></td><td></td><td>1,577.58</td></td<>				95						1,577.58
Ady/A       288781       294524       95       1" and smaller       7,1 /2" Piatric       6.0       5         Ady/A       288783       284524       05       5,1 " and smaller       7,1 /2" Piatric       7,2 /2         Ady/A       288783       284524       05       5,1 " and smaller       6.1       1/2" Piatric       1.6       5         Ady/A       288783       284524       05       5,1 " and smaller       6.1       1/2" Piatric       6.8       5         Ady/A       288783       284524       05       5,1 " and smaller       6.9       1/2" Piatric       6.8       5         Ady/A       285183       2776116       04       5,1 " and smaller       1.0       1/2" Piatric       6.8       5         Ady/A       285143       2776116       04       5,1 " and smaller       1.0       1/2" Piatric       0.8       5         Ady/A       285142       2776146       04       5,1 " and smaller       1.0       1	/l-A	2887952	2845248	95		5/20/2019	5 1" and smaller	36 1/2" Plastic	40 \$	1,661.30
Adsy/A       288783       284528       95       1/2 Piastic       95       1 and smaller       67       1/2 Piastic       95       5         Adsy/A       288783       284528       95       5/2/0/2019       5 1" and smaller       40       1/2 Piastic       98       5         Adsy/A       288783       284528       95       5/2/0/2019       5 1" and smaller       91       1/2 Piastic       88       5         Adsy/A       2854163       2776416       94       5/2/0/2019       5 1" and smaller       91       1/2 Piastic       112       5         Adsy/A       2854163       2776416       94       5/2/0/2019       5 1" and smaller       91       1/2 Piastic       91       2       1/2 Piastic       102       5       1/2 Adsy/A       2854162       2776416       94       5       1/2 and smaller       91       1/2 Piastic       010       5       1/2 Adsy/A       2854162       2776416       94       3       3/4 Steel       3/4 Steel       3/4 Steel       100       5       1/2 Adsy/A       284427       36       1/2 Piastic       100       5       1/2 Adsy/A       284427       36       1/2 Piastic       100       1/2 Piastic       100       1/2 Piastic		2887881	2845248	95		5/20/2019				2,329.56
Adely-A       288786       284528       95       5 1° and smaller       42       1/2° Plastic       95       5         Adely-A       288786       2776416       94       1/2° Plastic       88       5         Adely-A       288786       2776416       94       1/2° Plastic       85       5         Adely-A       2854168       2776416       94       5 1° and smaller       95       12° Plastic       85         Adely-A       2854164       2776416       94       5 1° and smaller       91       12° Plastic       95       5         Adely-A       2854167       2776416       94       5/1/2019       5 1° and smaller       91       12° Plastic       95       5       3/4° Steel       95       5       46       5/1/2019       5 1° and smaller       91       12° Plastic       91       9       10° Plastic       84       92       94       9       9       9       9       94 <td>/I-A /I-A</td> <td>2887877</td> <td>2845248</td> <td>95</td> <td></td> <td>5/20/2019</td> <td>5 1" and smaller 5 1" and smaller</td> <td>74 1/2" Plastic 67 1/2" Diastic</td> <td>79 \$</td> <td>2,334.42 2,435.49</td>	/I-A /I-A	2887877	2845248	95		5/20/2019	5 1" and smaller 5 1" and smaller	74 1/2" Plastic 67 1/2" Diastic	79 \$	2,334.42 2,435.49
Addy-A       28738       2945248       95       1/2 mid smaller       49       1/2 "Plastic       88       5         Addy-A       2854163       2776416       94       5,1" and smaller       91       1/2 "Plastic       112         Addy-A       2854163       2776416       94       5,1" and smaller       10       1/2 "Plastic       112         Addy-A       2854163       2776416       94       5,1" and smaller       10       1/2 "Plastic       75         Addy-A       2854162       2776416       94       5,1/1/019       5 1" and smaller       30 1/2 "Plastic       50         Addy-A       2854162       2776416       94       5/1/1/019       5 1" and smaller       60       1/2 "Plastic       100       5         Addy-A       2854162       2776416       94       5/1/1/019       5 1" and smaller       60       1/2 "Plastic       100       5         Addy-A       2854163       2776416       94       5/1/1/019       5 1" and smaller       61       1/2 "Plastic       100       5         Addy-A       284817       94       284817       94       61       1/2 "Plastic       100       5       1       1       1/4 Stall       1/4 Stall	/l-A	2887836	2845248	95		5/20/2019	5 1" and smaller	42 1/2" Plastic	95 \$	1,683.30
Ady/A       254163       2776416       9       112       Plastic       712       Plastic	/l-A	2887838	2845248	95		5/20/2019	5 1" and smaller	49 1/2" Plastic	88 \$	1,609.47
328/164       2776/16       94       5/12/020       5 1* and smaller       79       1/2* Plastic       75       5         3/40/-A       2854167       2776/16       94       5/12/020       5 1* and smaller       53       3/4* Steel       50       5         3/40/-A       2854167       2776/16       94       5/12/020       5 1* and smaller       80       1/2* Plastic       84       5         3/4/4       2854167       2776/16       94       5/12/020       5 1* and smaller       80       1/2* Plastic       84       6         3/4/4       285419       2844877       95       51* and smaller       81       1/2* Plastic       201       5       1* and smaller       43       None       43       5       1       3/4* Steel       201       5       1* and smaller       43       None       43       5       1       3/4* Steel       201       5       1* and smaller       43       None       43       5       1       3/4* Steel       43       5       1       3/4* Steel       43       5       1       3/4* Steel       43       44       4       43       43       43       43       43       43       43       43       43				94						2,902.90 2,617.97
\dpi/A       254162       277616       94       51" and smaller       51" and smaller       51" and smaller       51" Plastic       64         \dpi/A       2581155       277616       94       51" and smaller       61/2" Plastic       100"       5         \dpi/A       2581155       277616       94       51" and smaller       61/2" Plastic       100"       5         \dpi/A       2584115       277616       94       51" and smaller       61/2" Plastic       100"       5         \dpi/A       2584119       2648477       95       51" and smaller       63       10" Plastic       63       63         \dpi/A       2584425       264877       95       51" and smaller       610" 1/2" Plastic       63       63         \dpi/A       288425       2644977       95       51" and smaller       60       1/2" Plastic       63       63         \dpi/A       288425       2644977       95       51" and smaller       60       1/2" Plastic       63       63         \dpi/A       288795       284528       95       51" and smaller       20       24       3/4" Steel       63       63       63       63       63       63       63       63	/l-A	2854164	2776416	94		5/21/2019	5 1" and smaller	79 1/2" Plastic	75 \$	2,123.84
Adb/-A       25/16 (2)       5 1° and smaller       95 1/2° Plastic       100 \$         Adb/-A       288419 (284877)       95       51° and smaller       81 1/2° Plastic       201 \$         Adb/-A       288413 (284877)       95       51° and smaller       43 None       43         Alb/-A       288493 (284877)       95       51° and smaller       43 None       43         Alb/-A       288493 (284877)       95       51° and smaller       43 None       43         Alb/-A       288795 (284877)       95       51° and smaller       42 3/4′ Steel       45         Alb/-A       288795 (284877)       95       51° and smaller       42 3/4′ Steel       46 \$         Alb/-A       288795 (284284)       95       51° and smaller       23 3/4′ Steel       38 \$         Alb/-A       288762 (284528)       95       5/1/2019 (51° and smaller)       21 02′ Plastic       38 \$         Alb/-A       288762 (284528)       95       5/2/2019 (51° and smaller)       31 and smaller       31 3′4′ Steel       45 \$         Alb/-A       288762 (284528)       95       5/2/2019 (51° and smaller)       31 and smaller       31 a' Steel       45 \$	/l-A	2854162	2776416	94		5/21/2019	5 1" and smaller	53 3/4" Steel	50 \$	2,117.71
Addy-A         284487         95         1° and smaller         85         1/2 * Plastic         201         5           Addy-A         2884125         284487         95         5/1/2/039         5         1° and smaller         4         None         43         5           Addy-A         2884425         284487         95         5/1/2/039         5         1° and smaller         400         43         5           Addy-A         2889425         284487         95         5/1/2/039         5         1° and smaller         400         42         3/4 * Steel         43         4         5         5         Addy-A         2889764         2889764         284284         95         5         1° and smaller         32         3/4 * Steel         38         5           Addy-A         288762         284528         95         5/1/2/039         5         1° and smaller         32         3/4 * Steel         38         5           Addy-A         288762         284528         95         5/1/2/039         5         1° and smaller         32         1/2 * Plastic         34/5 * Steel         45         5           Addy-A         288762         2845248         95         5/1/2/039	/I-A /I-A	2854167	2776416	94		5/21/2019	5 1" and smaller 5 1" and smaller	80 1/2" Plastic 96 1/2" Diastic		2,938.21 2,551.55
Addy-A       284487       95       5 1° and smaller       43 None       43       5         Addy-A       288428       2844877       95       51° and smaller       1010 12° Patstc       135       5         Addy-A       2889795       2842487       95       51° and smaller       42       3/4° Steel       46       5         Addy-A       2889796       2845248       95       51° and smaller       42       3/4° Steel       46       5         Addy-A       2887964       2845248       95       51° and smaller       22       3/4° Steel       38       5         Addy-A       288762       2845248       95       51° and smaller       22       21/2° Patstc       37       5         Addy-A       288762       2845248       95       5/2/1/019       51° and smaller       31/4° Steel       45       5         Addy-A       288762       2845248       95       5/2/1/019       51° and smaller       31/4° Steel       45       5         Addy-A       288762       2845248       95       5/2/2/019       51° and smaller       31/4° Steel       45       5	/l-A	2884119	2844877	94		5/21/2019	5 1" and smaller	85 1/2" Plastic	201 \$	2,551.55 2,171.76
Advj-A       2887959       2845248       95       5 1" and smaller       42 3/4" Steel       46 5         Advj-A       2887964       2885786       2845248       95       51" and smaller       32 3/4" Steel       38         Advj-A       2887662       2845248       95       5/2/1/019       5 1" and smaller       32 1/2" Plastic       37         Advj-A       2887662       2845248       95       5/2/1/019       5 1" and smaller       33 3/4" Steel       37         Advj-A       2887662       2845248       95       5/2/1/019       5 1" and smaller       33 3/4" Steel       45         Advj-A       2887662       2845248       95       5/2/1/019       5 1" and smaller       31 1/2" Plastic       38       5	/l-A	2884483	2844877	95		5/21/2019	5 1" and smaller	43 None	43 \$	1,572.26
Addy-A         2887964         2845288         95         5 1* and smaller         3 2/4* Steel         38           Addy-A         2887964         2485288         95         5/12/0219         5 1* and smaller         22 1/2* Patict         37 5           Addy-A         2887652         2845288         95         5/12/0219         5 1* and smaller         31/4* Steel         45           Addy-A         2887652         2845288         95         5/12/0219         5 1* and smaller         43 3/4* Steel         45           Addy-A         2887652         2845288         95         5/12/0219         5 1* and smaller         32 1/2* Patict         45 5				95						3,514.58 2,058.52
Adv/-A       2887724       2845248       95       5/12/0219       5.1° and smaller       32.12° Piastic       37       5         Aldv/-A       2887682       2845248       95       5/12/0219       5.1° and smaller       33 3/4° Steel       45       5         Aldv/-A       2887782       2845248       95       5/21/0219       5.1° and smaller       32.12° Piastic       38       5	/l-A		2845248	95				32 3/4" Steel	38 \$	2,058.52
Aldyl-A 2887728 2845248 95 5/21/2019 5 1" and smaller 32 1/2" Plastic 38 \$	/l-A	2887724	2845248	95		5/21/2019	5 1" and smaller	32 1/2" Plastic	37 \$	1,540.80
AUXIV-A 2007/20 2043240 95 5 1" and smaller 32 1/2" Plastic 38 S	/l-A	2887682	2845248	95		5/21/2019	5 1" and smaller	43 3/4" Steel	45 \$	2,181.14
Aldy-A 22837805 2245248 95 5/21/2019 5 1° and smaller 34 3/4° Steel 40 5	n-A d-A			95		5/21/2019	5 1" and smaller 5 1" and smaller	32 1/2" Plastic 34 3/4" Steel	38 \$	1,647.07
Malyring 2.66/603 2.64/2.48 35 3 3/2/2/2/2/3 3 1/2/2/2/3 3 1/2/2/2/3 3 1/2/2/2/3 3 1/2/2/2/2/3 3 1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2				95						1,619.83

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### [PRIVATE DATA BEGINS...

Type           Aldyi-A           Aldyi-A      Aldyi-A	WR #         Related N           22844379         -           2284439         -           2284399         -           2284792         -           228792         -           288795         -           2887961         -           28879726         -           2887963         -           2887964         -           2887965         -           2887964         -           2887965         -           2887965         -           2887965         -           2887965         -           2887965         -           2887965         -           2887965         -           2887965         -           2887965         -           2887965         -           2886499         -           2866491         -           2866492         -           2866493         -           2866493         -           2866493         -           2866493         -           2866493         -           2866493         -           28	2844877 2844877 2844877 2844877 2845748 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2776616 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816	Op District         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           96         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95	ProjectName	Const Complete Date 5/22/2019 5/24/2019 5	5 '1' 5 '1' 6 '1' 6 '1'	Size Installed and smaller and smaller	Total Footage Installed         Size & Type Retired           91         1/2" Plastic           25         1/2" Plastic           92         1/2" Plastic           92         1/2" Plastic           93         1/2" Plastic           94         1/2" Plastic           95         1/2" Plastic           96         1/2" Plastic           91         1/2" Plastic           93         1/4" Steel           93         3/4" Steel           93         3/4" Steel           94         2" Plastic           95         1/2" Plastic	Total Footage Retired         93         5           23         23         2           223         2         2         8           248         9         5         5           112         5         5         112         5           85         5         5         5         5           86         5         5         6         5         6         6         5         86         5         86         5         86         5         86         5         86         5         25         5         104         5         5         104         5         5         108         5         5         5         104         5         5         5         104         5         5         108         5         5         5         104         5         5         5         104         5         5         108         5         5         5         108         5         5         5         104         5         5         108         5         5         108         5         5         108         5         5         108         5         5         108         5	Page 15 of 21 Service Installation Cost 1,308,99 2,384,34 2,444,04 1,755,20 3,654,21 1,565,66 1,564,01 1,270,46 1,473,46 1,460,82 1,226,75 2,073,79 1,617,78
	2.884.669 2.884.99 2.887.92 2.887.92 2.887.95 2.887.95 2.887.95 2.887.95 2.887.95 2.887.95 2.887.95 2.887.95 2.887.95 2.887.95 2.887.95 2.887.95 2.887.95 2.854.163 2.854.163 2.854.163 2.854.163 2.854.163 2.854.163 2.886.49 2.896.49 2.896	2844877 2844877 2844877 2845748 2845748 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2776416 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816	95 95 95 95 95 95 95 95 95 95 95 95 95 9		5/22/2019 5/22/2019	5 '1' 5 '1' 6 '1' 6 '1'	and smaller and smaller	25 1/2" Plastic 29 1/2" Plastic 20 1/2" Plastic 21 1/2" Plastic 21 1/2" Plastic 23 1/2" Plastic 23 1/2" Plastic 23 1/2" Steel 24 1/2" Steel 23 1/4" Steel 23 3/4" Steel 23 3/4" Steel 24 1/2" Plastic 28 1/2" Plastic 29 1/2" Plastic	22 \$ 222 \$ 288 \$ 899 \$ 55 \$ 112 \$ 85 \$ 85 \$ 85 \$ 85 \$ 86 \$ 86 \$ 86 \$ 88 \$ 25 \$ 104 \$ 208 \$	1,208.99 2,284.34 2,444.04 1,735.20 3,554.21 1,858.99 1,615.46 1,166.76 1,540.10 1,270.46 1,473.46 1,460.82 1,226.75 2,073.79
	2284399 2284399 2284792 228792 228795 228795 228775 228775 228776 228776 228776 2287704 228700 2285416 228416 2284157 2284166 2284153 228458 2286499 228660 2286499 2286649 228669 2286649 228669 2286649 228669 228	2844877 284577 2845748 2845748 2845748 2845748 2845748 2845748 2845748 2845748 2845748 2845748 2845748 2845748 2775615 27756 27756 2775	95 95 95 95 95 95 95 95 94 94 94 94 94 94 94 94 94 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95		5/22/2019 5/2/2/2019 5/22/	5 1' 5 1' 5 1' 5 1' 5 1' 5 1' 5 1' 5 1'	and smaller and smaller	92 1/2" Plastic 92 1/2" Plastic 93 1/2" Plastic 93 1/2" Plastic 93 1/2" Plastic 93 1/2" Plastic 93 1/4" Steel 93 1/4" Steel 93 3/4" Steel 93 3/4" Steel 93 3/4" Steel 93 3/4" Steel 94 1/2" Plastic 95 1/2" Plastic 95 1/2" Plastic	122 \$ 288 \$ 89 \$ 55 \$ 122 \$ 89 \$ 55 \$ 122 \$ 85 \$ 85 \$ 85 \$ 86 \$ 86 \$ 86 \$ 88 \$ 25 \$ 104 \$ 108 \$	2,384,34 2,444,04 1,275,20 3,565,21 1,858,99 1,615,46 1,566,76 1,540,10 1,270,46 1,473,45 1,473,45 1,473,45 1,473,5 2,073,79
	2284419 288792 288795 288795 2887765 2887765 2887765 2887765 2887766 2887806 2854165 2854165 2854165 2854183 2854183 285458 285458 285458 285458 285458 285458 285458 285649 2856565 28565652856565 2856565 2856565 2856565285655 2856565 2856565 2856565 28565655285655 285655555555555555555555555555555	2844377 2845246 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2776416 2775065 2786816 2868816 2868816 2868816 2868816 2868816 2868816	55 95 95 95 95 95 95 95 95 94 94 94 94 94 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95		5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/24/2019 5/22/2019 5/24/2019	5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 5 1"	and smaller and smaller	92 1/2" Plastic 30 1/2" Plastic 31 1/2" Plastic 32 1/2" Plastic 32 1/4" Steel 31 1/2" Plastic 32 3/4" Steel 32 3/4" Steel 30 3/4" Steel 30 3/4" Steel 28 1/2" Plastic 39 1/2" Plastic 39 1/2" Plastic	218 \$ 89 \$ 55 \$ 112 \$ 85 \$ 38 \$ 86 \$ 86 \$ 86 \$ 86 \$ 86 \$ 88 \$ 25 \$ 104 \$ 108 \$	2,444,04 1,735,20 3,654,21 1,858,99 1,615,46 1,566,76 1,540,10 1,270,46 1,473,46 1,466,82 1,473,46 1,466,82 1,226,75 2,073,79
	2887451 288795 2887716 2887765 2887765 2887765 2887705 2887806 2854165 2854165 2854163 2854183 2854183 2854183 2854183 285458 2886499 2886491 2886495 2886495 2886495 2886495 2886495	2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2776416 2775665 2785816 2868816 2868816 2868816 2868816 2868816	95 95 95 95 95 95 95 95 95 94 94 94 94 94 94 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95		5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/24/2019 6/13/2019 6/13/2019 6/14/2019	5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 5 1"	and smaller and smaller	74         1/2* Plastic           53         1/2* Plastic           30         1/2* Plastic           32         3/4* Steel           31         1/2* Plastic           29         1/2* Plastic           30         3/4* Steel           30         3/4* Steel           30         3/4* Steel           30         3/4* Steel           31         1/2* Plastic           32         3/4* Steel           31         3/2* Plastic           35         1/2* Plastic	55 \$ 112 \$ 85 \$ 38 \$ 86 \$ 86 \$ 86 \$ 88 \$ 25 \$ 104 \$ 108 \$	3,654,21 1,858,99 1,615,46 1,566,76 1,540,10 1,270,46 1,473,46 1,460,82 1,226,75 2,073,79
	2887995 2887716 2887726 2887726 2887726 2887004 2887804 2857804 2854157 2854157 2854153 2854585 2854585 2854585 2856503 286669 2901428 286669 2901428 286669 288669 288650 2895500 2895500 2895500 2895500 2995500 2995500 2995500	2845248 2845248 2845248 2845248 2845248 2845248 2845248 2845248 2775616 2775616 2775665 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816	55 55 55 55 55 55 54 94 94 94 94 94 94 95 55 55 55 55 55 55 55 55 55 55 55 55		5/22/2019 6(13/2019 6(13/2019 6(14/2019) 6(14/2019)	5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 5 1"	and smaller and smaller and smaller and smaller and smaller and smaller and smaller and smaller and smaller	53         1/2" Plastic           30         1/2" Plastic           32         3/4" Steel           31         1/2" Plastic           29         1/2" Plastic           30         3/4" Steel           30         3/4" Steel           28         1/2" Plastic           28         1/2" Plastic           19         1/2" Plastic           19         1/2" Plastic	1112 \$ 85 \$ 38 \$ 86 \$ 86 \$ 88 \$ 25 \$ 104 \$ 108 \$	1,858 99 1,615 46 1,566,76 1,540,10 1,270 46 1,473 46 1,473 46 1,460 82 1,226,75 2,073,79
	2887716 2887763 2887765 2887795 2887806 2854165 2854163 2854183 2854183 2854183 2854183 2854183 2854183 2854585 2854585 2885699 2885691 2885691 2885695 2885695 2885695 2885695 2885695 2885695	2845248 2845248 2845248 2845248 2845248 2845248 2776416 2776416 27756416 27756416 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816	55 95 95 95 95 94 94 94 94 94 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95		5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/24/2019 6/13/2019 6/13/2019 6/14/2019	5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 5 1"	and smaller and smaller and smaller and smaller and smaller and smaller and smaller and smaller and smaller	30 1/27 Plastic 32 3/47 Steel 31 1/27 'Plastic 29 1/27 'Plastic 32 3/47 Steel 30 3/47 Steel 28 1/27 'Plastic 99 1/27 'Plastic 115 1/27 'Plastic	85 \$ 38 \$ 86 \$ 86 \$ 88 \$ 25 \$ 104 \$	1,613,46 1,566,76 1,540,10 1,270,46 1,473,46 1,460,82 1,276,75 2,073,79
	2887726 2887795 2887806 2854165 2854165 2854183 2854183 285488 285488 285499 286599 286599 286599 286599 286599 286599 286599 286599 286599 286599 286599 286599 286599 286599	2845248 2845248 2845248 2845248 2776416 27776416 27776416 2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816	95 95 95 95 95 94 94 94 94 94 94 94 95 95 95 95 95 95 95 95 95		5/22/2019 5/22/2019 5/22/2019 5/22/2019 5/24/2019 5/24/2019 5/24/2019 6/13/2019 6/13/2019 6/14/2019 6/14/2019	5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 6 1"	and smaller and smaller and smaller and smaller and smaller and smaller and smaller	31 1/2" Plastic 29 1/2" Plastic 32 3/4" Steel 30 3/4" Steel 28 1/2" Plastic 99 1/2" Plastic 115 1/2" Plastic	85 \$ 86 \$ 88 \$ 25 \$ 104 \$ 108 \$	1,540.10 1,270.46 1,473.46 1,460.82 1,226.75 2,073.79
له۵۲۲۰۰ ۵۵۲۶۰۰ ۵۵۶۰۰ ۵۹۶۰۰ ۵۹۰۰۰ ۵۹۶۰۰۰ ۵۹۶۰۰۰ ۵۹۶۰۰۰ ۵۹۶۰۰۰ ۵۹۶۰۰۰ ۵۹۶۰۰۰ ۵۹۶۰۰۰ ۵۹۶۰۰۰ ۵۹۰	2887796 2887804 2887806 2854157 2854157 2854183 2854585 2854585 2854585 2856503 2886699 2901428 2886695 2886695 2886695 2886695 2886695 2886695 2886695 2886695 2886695 2886695 2886695	2845248 2845248 2845248 2776416 2776416 2775065 2775065 2775065 2775065 2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816	95 95 94 94 94 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95		5(22/2019 5(22/2019 5(22/2019 5(24/2019 5(24/2019 5(24/2019 6(13/2019 6(13/2019 6(14/2019 6(14/2019	5 1" 5 1" 5 1" 5 1" 5 1" 5 1" 6 1"	and smaller and smaller and smaller and smaller and smaller and smaller	29 1/2" Plastic 32 3/4" Steel 30 3/4" Steel 28 1/2" Plastic 99 1/2" Plastic 115 1/2" Plastic	86 \$ 86 \$ 88 \$ 25 \$ 104 \$ 108 \$	1,270.46 1,473.46 1,460.82 1,266.75 2,073.79
	2887804 2887806 2854165 2854165 2854183 285488 285488 286503 2885649 2885649 2885644 2885644 2885644 2885644 2885649 2901428 2901428 2901428 29285691 2885691 2885692	2845248 2845248 2776416 2776416 2775065 2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816	- 95 95 94 94 94 94 95 95 95 95 95 95 95 95 95		5/22/2019 5/22/2019 5/24/2019 5/24/2019 5/24/2019 6/33/2019 6/33/2019 6/34/2019 6/34/2019 6/34/2019	5 1" 5 1" 5 1" 5 1" 5 1" 6 1" 6 1"	and smaller and smaller and smaller and smaller and smaller	32 3/4* Steel 30 3/4* Steel 28 1/2* Plastic 99 1/2* Plastic 115 1/2* Plastic	86 \$ 88 \$ 25 \$ 104 \$ 108 \$	1,473.46 1,460.82 1,226.75 2,073.79
Aldy-A Aldy-A	2254165 2254185 225485 2254885 2285488 2285488 2285488 2285489 2285499 2285499 2285495 2285495 2285495 2285495 2285499 2291423 2285499 2291237 2285605	2776416 2776416 2775065 2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816	95 94 94 94 95 95 95 95 95 95 95 95 95 95		5/24/2019 5/24/2019 5/24/2019 6/13/2019 6/13/2019 6/13/2019 6/14/2019 6/14/2019	5 1" 5 1" 5 1" 6 1" 6 1"	and smaller and smaller and smaller	28 1/2" Plastic 99 1/2" Plastic 115 1/2" Plastic	25 \$ 104 \$ 108 \$	1,226.75 2,073.79
	2854157 2854183 2854585 2854585 2856499 2866503 2866499 2901428 2886495 2886501 2886501 2886505 289550505 289550505 28955050505050505050505050505050505050505	2776416 2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816	94 94 94 95 95 95 95 95 95 95 95 95		5/24/2019 5/24/2019 6/13/2019 6/13/2019 6/14/2019 6/14/2019	5 1" 5 1" 6 1" 6 1"	and smaller and smaller	99 1/2" Plastic 115 1/2" Plastic	104 \$ 108 \$	2,073.79
Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A Aldy-A	2854183 2854385 2854585 286569 2885604 2885604 2886495 2886495 2886495 2886495 2886495 2886495 2886495 2886501 2886501 2886503 2912437 2896050	2776416 2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816	94 94 95 95 95 95 95 95 95 95 95 95		5/24/2019 6/13/2019 6/13/2019 6/14/2019 6/14/2019	5 1" 6 1" 6 1"	and smaller	115 1/2" Plastic	108 \$	1.013.75
Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A Aldyk-A	2854585 2854585 2886499 2886503 2886503 288649 2886495 2886495 2886495 2886495 2886495 2886501 2886501 2886501 2886501 2896050	2775065 2775065 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816	94 95 95 95 95 95 95 95 95 95		6/13/2019 6/13/2019 6/14/2019 6/14/2019	6 1" 6 1"	and smaller			1,617.78
Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A	2286499 2886503 2886504 280648 2901428 2886491 2886501 2886501 2886598 291437 2896050	2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816	94 95 95 95 95 95 95 95 95		6/14/2019 6/14/2019	6 1"		45 1/2" Plastic	50 \$	979.88
Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A	2886504 2886504 280489 280489 2886495 2886495 2886495 2886501 2886501 2886502 2912437 2896050	2868816 2868816 2868816 2868816 2868816 2868816 2868816 2868816	95 95 95 95 95 95 95		6/14/2019		and smaller and smaller	57 1/2" Plastic 35 1/2" Plastic	55 \$ 100 \$	1,157.79 2,145.97
Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A	2886489 2901428 2886495 2886495 2886501 2886501 2886498 2912437 2896050 2895605	2868816 2868816 2868816 2868816 2868816 2868816	95 95 95 95 95 95		6/14/2019	6 1"	and smaller	34 None	82 \$	2,442.69
Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A	2901428 2886495 2886501 2886501 2886498 2912437 2896050 2895605	2868816 2868816 2868816 2868816 2868816	95 95 95 95		6/17/2019		and smaller	28 1/2" Plastic 46 1/2" Plastic	86 \$	2,573.97
Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A	2886495 2886491 2886501 2886498 2912437 2896050 2895605	2868816 2868816 2868816 2868816	95 95		6/17/2019 6/17/2019		and smaller and smaller	46 1/2" Plastic 37 3/4" Steel	86 \$ 90 \$	2,146.54 1,877.42
Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A	2886501 2886498 2912437 2896050 2895605	2868816 2868816	95		6/17/2019	6 1"	and smaller	48 1/2" Plastic	90 \$	1,296.39
Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A	2886498 2912437 2896050 2895605	2868816			6/17/2019	6 1"	and smaller	46 1/2" Plastic	85 \$	6,633.37
Aldyl-A Aldyl-A Aldyl-A Aldyl-A Aldyl-A	2896050 2895605		95		6/17/2019 6/17/2019	6 1"	and smaller and smaller	50 1/2" Plastic 25 1/2" Plastic	85 \$ 90 \$	1,328.62 2,135.74
Aldyl-A Aldyl-A Aldyl-A	2895605	2845617	95		6/18/2019	6 1"	and smaller	99 1/2" Plastic	96 \$	2,387.02
Aldyl-A Aldyl-A		2845617	95		6/18/2019		and smaller	98 3/4" Steel	94 \$	2,521.30
Aldyl-A	2896937	2845617 2845617	95		6/18/2019 6/18/2019		and smaller and smaller	93 1/2" Plastic 3 1/2" Plastic	89 \$ 3 \$	2,360.09 816.79
	2895604	2845617	95		6/18/2019	6 1"	and smaller	53 1/2" Plastic	65 \$	1,265.53
Aldyl-A	2886496	2868816	95		6/18/2019	6 1"	and smaller	66 1/2" Plastic	100 \$	2,153.96
Aldyl-A Aldyl-A	2886500 2886492	2868816 2868816	95		6/18/2019 6/18/2019		and smaller and smaller	55 1/2" Plastic 49 1/2" Plastic	115 \$ 105 \$	1,817.41 2.094.68
Aldyl-A	2886479	2868816	95		6/18/2019	6 1"	and smaller	33 1/2" Plastic	93 \$	2,131.70
Aldyl-A	2887057	2868816	95		6/18/2019	6 1"	and smaller	54 1/2" Plastic	90 \$	2,270.21
Aldyl-A Aldyl-A	2887048 2895313	2868816 2845617	95		6/18/2019 6/19/2019	6 1"	and smaller and smaller	62 3/4" Steel 49 1/2" Plastic	90 \$ 124 \$	1,445.14 2,470.00
Aldyl-A	2886490	2868816	95		6/19/2019	6 1"	and smaller	53 1/2" Plastic	96 \$	2,275.43
Aldyl-A	2887050	2868816	95		6/19/2019	6 1"	and smaller	70 3/4" Steel	150 \$	1,791.94
Aldyl-A Aldyl-A	2887014 2886488	2868816 2868816	95		6/19/2019 6/19/2019		and smaller and smaller	33 1" Plastic 60 1/2" Plastic	56 \$ 95 \$	951.45 2.008.38
Aldyl-A	2886494	2868816	95		6/19/2019	6 1"	and smaller	45 1/2" Plastic	95 \$	2,201.53
Aldyl-A	2886502	2868816	95		6/19/2019		and smaller	61 1/2" Plastic	100 \$	2,033.83
Aldyl-A Aldyl-A	2854589 2895607	2775065 2845617	94		6/20/2019 6/20/2019	6 1"	and smaller and smaller	99 1/2" Plastic 99 1/2" Plastic	55 \$ 103 \$	2,380.28 2,679.08
Aldyl-A	2886487	2868816	95		6/20/2019	6 1"	and smaller	81 1/2" Plastic	78 \$	1,965.38
Aldyl-A	2887052	2868816	95		6/20/2019	6 1"	and smaller	60 3/4" Steel	25 \$	1,577.31
Aldyl-A Aldyl-A	2854583 2854594	2775065	94		6/21/2019 6/21/2019		and smaller and smaller	84 1/2" Plastic 83 1/2" Plastic	39 \$ 37 \$	2,141.20 2.416.07
Aldyl-A	2854582	2775065	94		6/21/2019	6 1"	and smaller	86 1/2" Plastic	39 \$	2,164.76
Aldyl-A	2854581	2775065	94		6/21/2019	6 1"	and smaller	86 1/2" Plastic	39 \$	2,453.53
Aldyl-A Aldyl-A	2895610 2895608	2845617 2845617	95		6/21/2019 6/21/2019	6 1"	and smaller and smaller	96 1/2" Plastic 95 1/2" Plastic	92 \$ 91 \$	2,445.70 2,015.54
Aldyl-A	2895606	2845617	95		6/21/2019	6 1"	and smaller	99 1/2" Plastic	106 \$	2,522.18
Aldyl-A	2894672	2845617	95		6/21/2019	6 1"	and smaller	47 1/2" Plastic	44 \$	1,258.52
Aldyl-A Aldyl-A	2894676 2895303	2845617 2845617	95		6/21/2019 6/21/2019		and smaller and smaller	66 1/2" Plastic 73 1/2" Plastic	85 \$ 72 \$	1,536.33 1.891.16
Aldyl-A	2897245	2693360	89		6/24/2019	6 1"	and smaller	89 5/8" Copper	123 \$	4,232.77
Aldyl-A	2854592	2775065	94		6/24/2019	6 Tie	e over	1 1/2" Plastic	52 \$	1,180.97
Aldyl-A Aldyl-A	2854595 2854584	2775065 2775065	94		6/24/2019 6/24/2019		and smaller and smaller	90 1/2" Plastic 104 1/2" Plastic	39 \$ 235 \$	2,484.93 1,325.70
Aldyl-A	2895645	2845617	95		6/24/2019	6 1"	and smaller	102 1/2" Plastic	98 \$	2,462.27
Aldyl-A	2895609	2845617	95		6/24/2019		and smaller	38 1/2" Plastic	35 \$	1,162.65
Aldyl-A Aldyl-A	2895514 2895341	2845617 2845617	95		6/24/2019 6/24/2019		and smaller and smaller	49 1/2" Plastic 62 1/2" Plastic	53 \$ 53 \$	1,310.18 1,374.04
Aldyl-A	2895506	2845617	95		6/24/2019	6 1"	and smaller	54 1/2" Plastic	49 \$	1,339.83
Aldyl-A	2894659	2845617	95		6/24/2019	6 1"	and smaller	49 1/2" Plastic	41 \$	3,178.71
Aldyl-A Aldyl-A	2895275 2896141	2845617 2845617	95		6/24/2019 6/24/2019	6 1"	and smaller and smaller	59 1/2" Plastic 34 1/2" Plastic	120 \$ 85 \$	1,870.78 1,501.39
Aldyl-A	2894677	2845617	95		6/24/2019	6 1"	and smaller	61 1/2" Plastic	56 \$	1,489.76
Aldyl-A	2896347	2845617	95		6/26/2019		and smaller	105 1/2" Plastic	79 \$	2,625.00
Aldyl-A Aldyl-A	2896220 2895640	2845617 2845617	95		6/26/2019 6/26/2019		and smaller and smaller	119 1/2" Plastic 99 1/2" Plastic	115 \$ 96 \$	2,927.38 2,498.54
Aldyl-A	2894675	2845617	95		6/26/2019	6 1"	and smaller	45 1/2" Plastic	38 \$	1,186.07
Aldyl-A	2896144	2845617 2845617	95		6/26/2019	6 1"	and smaller	24 1/2" Plastic	29 \$	1,379.96
Aldyl-A Aldyl-A	2895511 2895513	2845617 2845617	95		6/26/2019 6/26/2019		and smaller and smaller	56 1/2" Plastic 55 1/2" Plastic	49 \$ 54 \$	1,470.86 1,392.62
Aldyl-A	2895346	2845617	95		6/26/2019		and smaller	65 1/2" Plastic	60 \$	1,381.69
Aldyl-A	2895641	2845617	95		6/26/2019		and smaller	103 1/2" Plastic	94 \$	2,496.35
Aldyl-A Aldyl-A	2895643 2896295	2845617 2845617	95		6/26/2019 6/27/2019		and smaller and smaller	97 1/2" Plastic 51 1/2" Plastic	93 \$ 33 \$	2,462.09 1,548.31
Aldyl-A	2896344	2845617	95		6/27/2019	6 1"	and smaller	97 1/2" Plastic	94 \$	2,438.11
Aldyl-A	2896343	2845617 2845617	95		6/27/2019	6 1"	and smaller	27 1/2" Plastic	30 \$	1,213.77
Aldyl-A Aldyl-A	2896351 2895515	2845617 2845617	95		7/1/2019 7/1/2019		and smaller and smaller	27 1/2" Plastic 39 1/2" Plastic	31 \$ 36 \$	1,313.87 1,435.71
Aldyl-A	2895372	2845617	95		7/1/2019	7 1"	and smaller	39 1/2" Plastic	44 \$	1,416.60
Aldyl-A	2895516	2845617	95		7/1/2019		and smaller	42 1/2" Plastic	39 \$	1,310.23
Aldyl-A Aldyl-A	2895348 2895358	2845617 2845617	95		7/1/2019 7/1/2019		and smaller and smaller	41 1/2" Plastic 29 1/2" Plastic	49 \$ 32 \$	1,397.62 1,335.54
Aldyl-A	2895360	2845617	95		7/1/2019	7 1"	and smaller	33 1/2" Plastic	30 \$	1,308.64
Aldyl-A	2895361	2845617	95		7/1/2019	7 1"	and smaller	47 1/2" Plastic	53 \$	1,516.44
Aldyl-A Aldyl-A	2895362 2895363	2845617 2845617	95		7/1/2019 7/1/2019		and smaller and smaller	40 1/2" Plastic 46 1/2" Plastic	35 \$ 54 \$	1,543.35 1.663.24
Aldyl-A	2895644	2845617	95		7/2/2019	7 1"	and smaller	96 1/2" Plastic	92 \$	2,469.14
Aldyl-A	2895614	2845617	95		7/2/2019		and smaller	30 1/2" Plastic	34 \$	1,139.21
Aldyl-A Aldyl-A	2896349 2896053	2845617 2845617	95		7/3/2019		and smaller and smaller	99 1/2" Plastic 31 1/2" Plastic	96 \$ 35 \$	2,422.61 1,241.60
Aldyl-A Aldyl-A	2896053 2896182	2845617 2845617	95		7/3/2019	7 1"	and smaller and smaller	97 1/2" Plastic	35 \$ 93 \$	2,441.24

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Page 16 of 2 Service Installation Cost	Total Footage Retired	Total Footage Installed Size & Type Retired	Size Installed	Const Complete Date Month	ProjectName	Op District	Related WR	WR#	Туре
2,387	89 \$	93 1/2" Plastic	7 1" and smaller	7/3/2019		95	2845617	2895642	Aldyl-A
1,360	57 \$ 34 \$	53 1/2" Plastic 30 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/3/2019 7/3/2019		95	2845617 2845617	2896094 2896348	ldyl-A ldyl-A
2,493	93 \$	97 1/2" Plastic	7 1" and smaller	7/3/2019		95	2845617	2896346	dyl-A
1,994	59 \$	55 1/2" Plastic	7 1" and smaller	7/3/2019		95	2845617	2896345	ldyl-A
1,332	37 \$ 40 \$	33 1/2" Plastic 33 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/5/2019 7/5/2019		95	2845617 2845617	2896350 2896061	ldyl-A ldyl-A
2,393	87 \$	94 1/2" Plastic	7 1" and smaller	7/5/2019		95	2845617	2895635	Idyl-A
2,495	89 \$	96 1/2" Plastic	7 1" and smaller	7/5/2019		95	2845617	2896248	ldyl-A
3,304 2,151	168 \$ 85 \$	150 1/2" Plastic 71 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/12/2019 7/13/2019		95	2845757 2845757	2893312 2886775	ldyl-A ldyl-A
1,937	71 \$	57 1/2" Plastic	7 1" and smaller	7/13/2019		95	2845757	2879754	ldyl-A
3,810	185 \$	172 1/2" Plastic	7 1" and smaller	7/13/2019		95	2845757	2886773	ldyl-A
3,798 4,399	180 \$ 110 \$	169 1/2" Plastic 153 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/13/2019 7/13/2019		95	2845757 2845757	2886777 2893302	Aldyl-A Aldyl-A
4,395 3,517	110 \$	162 1/2" Plastic	7 1" and smaller	7/13/2019		95	2845757	2893302 2886776	Aldyl-A Aldyl-A
3,754	40 \$	132 1/2" Plastic	7 1" and smaller	7/13/2019		95	2845757	2893292	Aldyl-A
2,547	175 \$ 146 \$	185 1/2" Plastic 131 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/13/2019 7/13/2019		95	2845757 2845757	2879755 2886774	Aldyl-A Aldyl-A
4,779	200 \$	211 1/2" Plastic	7 1" and smaller	7/15/2019		95	2845757	2879756	Aldyl-A
5,810	241 \$	255 1/2" Plastic	7 1" and smaller			95	2845757	2893313	Aldyl-A
4,761	240 \$ 124 \$	229 1/2" Plastic 136 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/16/2019 7/16/2019		95	2845757 2845757	2886769 2879753	Aldyl-A Aldyl-A
4,633	220 \$	195 1/2" Plastic	7 1" and smaller	7/18/2019		95	2845757	2879755 2886772	Aldyl-A
1,995	65 \$	70 1/2" Plastic	7 1" and smaller	7/19/2019		95	2693360	2909632	Idyl-A
3,577	45 \$ 48 \$	190 3/4" Steel 37 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/24/2019 7/30/2019		95	2868816 2845123	2887053 2891517	ldyl-A
1,732	48 \$ 47 \$	37 1/2" Plastic 39 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/30/2019		95	2845123	2891517 2891519	Aldyl-A Aldyl-A
1,542	48 \$	27 1/2" Plastic	7 1" and smaller	7/30/2019		95	2845123	2891521	Aldyl-A
1,808	43 \$	30 None	7 1" and smaller	7/30/2019		95	2845123	2899728	Aldyl-A
1,457	43 \$ 89 \$	32 1/2" Plastic 37 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/30/2019 7/30/2019		95	2845123 2845123	2891515 2891516	Aldyl-A Aldyl-A
1,530	89 \$	37 1/2" Plastic 35 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/30/2019 7/31/2019		95	2845123 2845123	2891516 2893061	udyi-A udyi-A
1,739	84 \$	34 1/2" Plastic	7 1" and smaller	7/31/2019		95	2845123	2891518	ldyl-A
1,486	81 \$ 87 \$	31 1/2" Plastic 35 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/31/2019 7/31/2019		95	2845123 2845123	2891520 2891522	ldyl-A ldyl-A
1,904	87 \$	35 1/2" Plastic 35 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/31/2019 7/31/2019		95	2845123 2845123	2891522 2891524	ldyl-A ldyl-A
1,898	84 \$	41 1/2" Plastic	7 1" and smaller	7/31/2019		95	2845123	2893060	Aldyl-A
1,611	86 \$	50 1/2" Plastic	7 1" and smaller	7/31/2019		95	2845123	2893062	Aldyl-A
1,963	87 \$ 52 \$	55 1/2" Plastic 30 1/2" Plastic	7 1" and smaller 7 1" and smaller	7/31/2019 7/31/2019		95	2845123 2845123	2893063 2893064	Aldyl-A Aldyl-A
1,583	43 \$	33 1/2" Plastic	7 1" and smaller	7/31/2019		95	2693360	2893059	ldyl-A
2,328	44 \$	35 1/2" Plastic	8 1" and smaller			95	2845123	2893058	dyl-A
1,752 2,078	45 \$ 75 \$	36 1/2" Plastic 59 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/1/2019 8/5/2019		95	2845123 2845123	2891523 2932242	ldyl-A ldyl-A
1,579	34 \$	27 1/2 Plastic	8 1" and smaller	8/5/2019		95	2845123	2932242 2891426	dyl-A dyl-A
5,836	210 \$	244 1/2" Plastic	8 1" and smaller	8/13/2019		95	2845757	2880221	dyl-A
3,954	215 \$	194 1/2" Plastic	8 1" and smaller	8/14/2019		95	2845757	2880212	ldyl-A
1,973	190 \$	75 1" Plastic 55 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/15/2019 8/15/2019		95	2845753 2845753	2896683	ldyl-A ldyl-A
1,583	30 \$	30 1/2" Plastic	8 1" and smaller			95	2845753	2896485	dyl-A
1,470	35 \$	35 1/2" Plastic	8 1" and smaller	8/15/2019		95	2845753	2896283	ldyl-A
1,426	30 \$ 45 \$	30 1/2" Plastic 45 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/15/2019 8/15/2019		95	2845753 2845753	2896486 2896357	ldyl-A ldyl-A
1,222	45 \$	45 1/2 Plastic 50 1/2" Plastic	8 1" and smaller	8/15/2019		95	2845753	2896284	ldyl-A
1,368	45 \$	60 1/2" Plastic	8 1" and smaller	8/15/2019		95	2845753	2896363	ldyl-A
1,716	110 \$	25 1/2" Plastic	8 1" and smaller	8/15/2019		95	2845753	2896461	ldyl-A
1,194	30 \$ 32 \$	25 1/2" Plastic 30 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/16/2019 8/16/2019		95	2845753 2845753	2896282 2896281	ldyl-A ldyl-A
1,219	23 \$	20 1/2" Plastic	8 1" and smaller	8/16/2019		95	2845753	2896272	ldyl-A
3,886	145 \$	191 1/2" Plastic	8 1" and smaller	8/16/2019		95	2845757	2880220	dyl-A
1,068	33 \$ 33 \$	30 1/2" Plastic 30 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/16/2019 8/16/2019		95	2845753 2845753	2896365 2896364	ldyl-A ldyl-A
3,365	171 \$	157 1/2" Plastic	8 1" and smaller	8/16/2019		95	2845757	2896364 2893311	ldyl-A ldyl-A
4,125	198 \$	186 1/2" Plastic	8 1" and smaller	8/16/2019		95	2845757	2893310	dyl-A
2,443 3,947	70 \$	75 1/2" Plastic 60 1" Plastic	8 1" and smaller 8 1" and smaller	8/19/2019 8/19/2019		95	2845753 2845753	2896755 2896668	ldyl-A ldyl-A
3,947 1,292	55 \$ 23 \$	60 1" Plastic 20 None	8 1" and smaller 8 1" and smaller	8/19/2019 8/19/2019		95	2845753 2845753	2896668 2946758	dyl-A dyl-A
6,047	265 \$	313 1/2" Plastic	8 1" and smaller	8/19/2019		95	2845757	2893314	dyl-A
2,360	131 \$	123 1/2" Plastic	8 1" and smaller	8/20/2019		95	2845757	2879832	iyl-A
4,222	210 \$ 75 \$	200 1/2" Plastic 75 1" Plastic	8 1" and smaller 8 1" and smaller	8/20/2019 8/20/2019		95	2845757 2845753	2886755 2896675	/l-A /l-A
2,867	96 \$	106 1/2" Plastic	8 1" and smaller 8 1" and smaller			95	2845753 2845757	2896675	γ1-Α γl-Α
2,827	118 \$	128 1/2" Plastic	8 1" and smaller	8/21/2019		95	2845757	2880218	dyl-A
3,194	122 \$	139 1/2" Plastic	8 1" and smaller	8/21/2019		95	2845757 2845757	2880219 2939868	iyl-A iyl-A
3,467 4,012	279 \$ 90 \$	152 1/2" Plastic 100 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/21/2019 8/21/2019		95	2845757 2845757	2939868 2886753	yl-A yl-A
3,513	208 \$	158 1/2" Plastic	8 1" and smaller	8/21/2019		95	2845757	2886747	iyl-A
2,884	172 \$	149 1/2" Plastic	8 1" and smaller	8/21/2019		95	2845757	2893308	iyi-A
1,254	6 \$ 69 \$	19 1/2" Plastic 74 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/22/2019 8/22/2019		95	2845757 2845757	2867629 2867638	yl-A vl-A
2,053	69 \$ 248 \$	74 1/2" Plastic 118 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/22/2019 8/22/2019		95	2845757 2845757	2867638 2867637	yl-A vl-A
1,215	8 \$	2 1/2" Plastic	8 Tie over	8/22/2019		95	2845757	2886754	A-h
2,836	98 \$	107 1/2" Plastic	8 1" and smaller	8/22/2019		95	2845757	2879830	A-h
2,585	98 \$ 75 \$	104 1/2" Plastic 85 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/23/2019 8/23/2019		95	2845757 2845757	2893307 2893306	lyl-A lyl-A
2,084	159 \$	149 1/2" Plastic	8 1" and smaller	8/23/2019		95	2845757	2893305	yl-A
3,004	62 \$	72 1/2" Plastic	8 1" and smaller	8/23/2019		95	2845757	2879831	iyl-A
2,624	94 \$	99 1/2" Plastic	8 1" and smaller			95	2845757	2893304	lyl-A
2,755	97 \$ 48 \$	102 1/2" Plastic 45 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/26/2019 8/26/2019		95	2845757 2845753	2879803 2896704	lyl-A lyl-A
1,122	48 \$	45 1/2" Plastic	8 1" and smaller	8/26/2019		95	2845753	2896706	yl-A
2,659	56 \$	53 1/2" Plastic	8 1" and smaller	8/27/2019		95	2845753	2896799	yl-A
2,781	60 \$	65 1/2" Plastic	8 1" and smaller	8/27/2019		95	2845753	2896800	dyl-A
1,799	48 \$ 53 \$	45 1/2" Plastic 50 1/2" Plastic	8 1" and smaller 8 1" and smaller	8/27/2019 8/27/2019		95	2845753 2845753	2896707 2896708	iyl-A ivl-A
2,472	53 \$	50 1/2" Plastic	8 1" and smaller	8/27/2019		95	2845753	2896708	dyl-A dyl-A
3,046	75 \$	55 1/2" Plastic	8 1" and smaller	8/27/2019		95	2845753	2896792	ldyl-A
	690 Ś	313 3/4" Steel	8 1" and smaller	8/28/2019		95	2845757	2933703	ldyl-A
2,556	500 \$	170 1" Plastic	8 1" and smaller	8/29/2019			2845757	2893257	Aldyl-A

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	Total Footage Retired	Total Footage Installed Size & Type Retired	Ionth Size Installed	Const Complete Date	ProjectName	Op District	Related WR	WR#	Туре
	271 \$	101 1" Plastic	8 1" and smaller	8/29/2019 8/29/2019		95	2845757	2893249 2913469	dyl-A dyl-A
	1 \$ 150 \$	- 2" Plastic 64 1/2" Plastic	8 9 1" and smaller	8/29/2019 9/5/2019		95	2845753 2877997	2913469 2926200	1-A 1-A
	150 \$	57 1/2" Plastic	9 1" and smaller	9/5/2019		98	2877997	2926201	A
	170 \$	294 1/2" Plastic	9 1" and smaller	9/6/2019		98	2877997	2926199	
	150 \$ 150 \$	64 1/2" Plastic 62 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/6/2019 9/6/2019		98	2877997 2877997	2926198 2926197	
	150 \$	62 1/2" Plastic 86 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/6/2019		98	2877997	2926197	
	125 \$	113 1/2" Plastic	9 1" and smaller	9/6/2019		98	2877997	2926195	
	50 \$	41 1/2" Plastic	9 1" and smaller	9/6/2019		95	2847679	2899271	
	16 \$	2 1/2" Plastic	9 1" and smaller	9/7/2019		95	2847679	2899014	
	56 \$ 125 \$	1 1/2" Plastic 151 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/7/2019 9/9/2019		95	2847679 2877997	2940950 2926204	
	55 \$	116 1/2" Plastic	9 1" and smaller	9/9/2019		95	2847679	2899269	
	43 \$	91 1/2" Plastic	9 1" and smaller	9/9/2019		95	2847679	2899209	
	49 \$	38 1/2" Plastic	9 1" and smaller	9/10/2019		95	2847679	2900273	
	52 \$	80 1" Plastic 80 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/10/2019		98	2877997	2926191 2926190	
	- 5 63 \$	1/2 Plastic	9 1 and smaller 9 1" and smaller	9/10/2019		96	2847679	2899268	
	87 \$	92 1/2" Plastic	9 1" and smaller	9/10/2019		95	2847679	2900211	
	84 \$	30 1/2" Plastic	9 1" and smaller	9/10/2019		95	2847679	2900271	
	49 \$	32 1/2" Plastic	9 1" and smaller	9/10/2019		95	2847679	2899274	
	43 \$ 68 \$	40 1/2" Plastic 114 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/10/2019 9/10/2019		95	2847679 2847679	2899272 2899267	
	54 \$	44 1/2" Plastic	9 1" and smaller	9/10/2019		95	2847679	2899270	
	101 \$	43 1/2" Plastic	9 1" and smaller	9/10/2019		95	2847679	2900272	
	72 \$	123 1/2" Plastic	9 1" and smaller	9/11/2019		95	2847679	2899011	
	47 \$ 33 \$	98 1/2" Plastic 88 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/11/2019 9/11/2019		95	2847679 2847679	2899015 2899273	
	33 \$ 83 \$	33 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/11/2019		95	2847679	2899273	
	- \$	94 1/2" Plastic	9 1" and smaller	9/13/2019		98	2877997	2926205	
	125 \$	46 1/2" Plastic	9 1" and smaller	9/13/2019		98	2877997	2926188	
	150 \$	53 1/2" Plastic	9 1" and smaller	9/13/2019		98	2877997	2926202	
	58 \$ 86 \$	90 1/2" Plastic 45 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/13/2019 9/13/2019		95	2844752 2844752	2884664 2884700	
	53 \$	111 1/2" Plastic	9 1" and smaller	9/13/2019		95	2844752	2884691	
	62 \$	124 1/2" Plastic	9 1" and smaller	9/13/2019		95	2844752	2884566	
	83 \$	44 1/2" Plastic	9 1" and smaller	9/13/2019		95	2844752	2884698	
	53 \$ 54 \$	98 3/4" Steel 113 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/13/2019 9/13/2019		95	2844752	2884625	
	54 \$ 63 \$	113 1/2" Plastic 66 3/4" Steel	9 1" and smaller 9 1" and smaller	9/13/2019 9/14/2019		95	2844752	2884544	
	- \$	80 1/2" Plastic	9 1" and smaller	9/16/2019		98	2877997	2926185	
	- \$	87 1/2" Plastic	9 1" and smaller	9/16/2019		98	2877997	2922645	
	- \$ 429 \$	162 1/2" Plastic	9 1" and smaller	9/16/2019		98	2877997	2922646	
	429 \$ 14 \$	347 None 124 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/17/2019 9/17/2019		95	2847679	2957620	
	40 \$	115 1/2" Plastic	9 1" and smaller	9/17/2019		95	2844598	2883546	
	10 \$	124 1/2" Plastic	9 1" and smaller	9/17/2019		95	2844598	2883539	
	52 \$	140 1/2" Plastic	9 1" and smaller	9/17/2019		95	2844598	2883545	
	52 \$ 15 \$	136 1/2" Plastic - 1/2" Plastic	9 1" and smaller	9/17/2019 9/18/2019		95	2844598 2844598	2883547 2883549	
	15 \$	1 1/2" Plastic	9 Tie over	9/18/2019		95	2844598	2883550	
	15 \$	- 1/2" Plastic	9	9/20/2019		95	2844598	2883551	
	98 \$	91 1/2" Plastic	9 1" and smaller	9/21/2019		95	2844598	2883541	
	30 \$ 130 \$	35 1/2" Plastic 125 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/21/2019 9/21/2019		95	2844598 2844598	2883315 2883317	
	130 \$ 93 \$	125 1/2" Plastic 88 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/21/2019		95	2844598	2883317	
	36 \$	40 1/2" Plastic	9 1" and smaller	9/21/2019		95	2844598	2883311	
	93 \$	88 1/2" Plastic	9 1" and smaller	9/21/2019		95	2844598	2883308	
	40 \$ 36 \$	38 1/2" Plastic 41 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/23/2019		95	2844598 2844598	2882759 2882577	
	36 \$ 92 \$	41 1/2" Plastic 89 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/23/2019 9/23/2019		95	2844598 2693360	2882577	
	34 \$	44 1/2" Plastic	9 1" and smaller	9/23/2019		95	2844598	2882751	
	96 \$	90 1/2" Plastic	9 1" and smaller	9/23/2019		95	2844598	2882757	
	40 \$	36 1/2" Plastic	9 1" and smaller	9/23/2019		95	2844598	2883120	
	38 \$	43 1/2" Plastic	9 1" and smaller	9/24/2019		95	2844598	2882573	
	92 \$	87 1/2" Plastic	9 1" and smaller	9/24/2019		95	2844598	2882571	
	94 \$	89 1/2" Plastic	9 1" and smaller	9/24/2019		95	2844598	2882560	
	38 \$ 38 \$	57 1/2" Plastic 49 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/24/2019 9/25/2019		95	2844598 2844598	2882569 2881598	
	38 \$ 83 \$	49 1/2" Plastic 56 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/25/2019 9/25/2019		95	2844598 2844598	2881598 2881609	
	18 \$	- 1/2" Plastic	9	9/26/2019		98	2801469	2940325	
	205 \$	- 1/2" Plastic	9	9/26/2019		98	2801469	2940327	
	185 \$ 78 \$	164 1/2" Plastic 79 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/27/2019		98	2801469	2940326	
	78 \$ 58 \$	79 1/2" Plastic 52 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/27/2019 9/27/2019		98	2801469 2801469	2940340 2940332	
	50 \$	56 1/2" Plastic	9 1" and smaller	9/27/2019		98	2801469	2940332	
	45 \$	39 1/2" Plastic	9 1" and smaller	9/27/2019		98	2801469	2940338	
	137 \$	110 1/2" Plastic	9 1" and smaller	9/27/2019		98	2801469	2940333	
	183 \$	- 1/2" Plastic	9	9/27/2019		98	2801469 2844598	2940328 2882760	
	35 \$	30 1/2" Plastic 28 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/27/2019 9/28/2019		95	2844598 2844598	2882760	
	120 \$	125 1/2" Plastic	9 1" and smaller	9/28/2019		95	2844598	2883314	
	40 \$	33 1/2" Plastic	9 1" and smaller	9/28/2019		95	2844598	2883316	
	116 \$	126 1/2" Plastic	9 1" and smaller	9/28/2019		95	2844598	2883538	
	128 \$	132 1/2" Plastic	9 1" and smaller	9/30/2019		95	2844598	2882758	
	40 \$ 111 \$	33 1/2" Plastic 117 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/30/2019 9/30/2019		95	2844598 2844598	2882756 2882752	
	111 \$	117 1/2" Plastic 120 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/30/2019 9/30/2019		95	2844598	2882752	
	36 \$	33 1/2" Plastic	9 1" and smaller	9/30/2019		95	2844598	2882574	
	40 \$	34 1/2" Plastic	9 1" and smaller	9/30/2019		95	2844598	2882570	
	122 \$	126 1/2" Plastic	9 1" and smaller	9/30/2019		95	2844598	2882578	
	34 \$ 118 \$	35 1/2" Plastic 121 1/2" Plastic	9 1" and smaller 9 1" and smaller	9/30/2019 9/30/2019		95	2844598 2844598	2969176 2883309	
	46 \$	121 1/2" Plastic 61 1/2" Plastic	10 1" and smaller	9/30/2019 10/1/2019		95	2844598 2801469	2883309 2940335	
	38 \$	46 1/2" Plastic	10 1" and smaller	10/1/2019		98	2801469	2940336	
		25 4 (27.0)	10 1" and smaller	10/1/2019		95	2844598	2882572	
	40 \$ - \$	36 1/2" Plastic 5 1/2" Plastic	10 1 and smaller	10/1/2019			2844598	2882576	

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	Total Footage Retired	Total Footage Installed Size & Type Retired		Const Complete Date M	ProjectName	Op District	Related WR	WR #	Туре
2,9	110 \$	110 1/2" Plastic	10 1" and smaller	10/1/2019	5	95	2844598	2882568	Aldyl-A
8	6 \$ 35 \$	- 1/2" Plastic 38 1/2" Plastic	10 10 1" and smaller	10/2/2019 10/10/2019		98	2801469 2844598	2940329 2881389	Aldyl-A Aldyl-A
2,4	35 \$	70 1/2" Plastic	10 1" and smaller	10/10/2019		95	2844598	2880995	Aldyl-A
2,8	35 \$	63 1/2" Plastic	10 1" and smaller	10/10/2019		95	2844598	2881381	Aldyl-A
2,8	35 \$ 35 \$	75 1/2" Plastic 61 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/10/2019 10/10/2019		95	2844598 2844598	2881360 2881386	Aldyl-A Aldyl-A
2,9	35 \$	81 1/2" Plastic	10 1" and smaller	10/10/2019		95	2844598	2880939	Aldyl-A
2,8	35 \$	86 1/2" Plastic	10 1" and smaller	10/11/2019		95	2844598	2880934	Aldyl-A
2,9	35 \$ 31 \$	87 1/2" Plastic 26 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/11/2019 10/11/2019		95	2844598 2844598	2881002	Aldyl-A Aldyl-A
3,1	55 \$	104 1/2" Plastic	10 1" and smaller	10/11/2019		95	2844598	2880935	Aldyl-A
2,7	10 \$	87 1/2" Plastic	10 1" and smaller	10/11/2019		95	2844598	2880942	Aldyl-A
2,8	10 \$ 55 \$	68 1/2" Plastic 87 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/11/2019 10/14/2019		95	2844598 2844598	2880937 2880940	Aldyl-A Aldyl-A
2,7	10 \$	71 1/2" Plastic	10 1" and smaller	10/14/2019		95	2844598	2881379	Aldyl-A
2,6	10 \$	61 1/2" Plastic	10 1" and smaller	10/14/2019	5	95	2844598	2881344	Aldyl-A
2,7	10 \$ 9 \$	71 1/2" Plastic 75 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/16/2019 10/16/2019		95	2844598 2844598	2881388 2977480	Aldyl-A Aldyl-A
3,5	55 \$	97 1/2" Plastic	10 1" and smaller	10/16/2019		95	2844598	2881293	Aldyl-A
3,2	10 \$	93 1/2" Plastic	10 1" and smaller	10/16/2019	5	95	2844598	2881382	Aldyl-A
3,1 2,9	55 \$ 10 \$	89 1/2" Plastic 83 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/16/2019 10/16/2019		95	2844598 2844598	2881400 2881384	Aldyl-A Aldyl-A
2,9	55 \$	79 1/2" Plastic	10 1" and smaller	10/16/2019		95	2844598	2881297	Aldyl-A
2,8	143 \$	84 1/2" Plastic	10 1" and smaller	10/17/2019		95	2844598	2881390	Aldyl-A
2,4	143 \$	62 1/2" Plastic	10 1" and smaller	10/17/2019		95	2844598	2881387	Aldyl-A
2,7 3,1	162 \$ 30 \$	70 1/2" Plastic 101 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/17/2019 10/17/2019		95	2844598 2844598	2881383 2881385	Aldyl-A Aldyl-A
3,1	50 \$	95 1/2" Plastic	10 1" and smaller	10/17/2019		95	2844598	2881380	Aldyl-A
2,8	95 \$	70 1/2" Plastic	10 1" and smaller	10/17/2019		95	2844598	2881001	Aldyl-A
2,7	128 \$ 150 \$	76 1/2" Plastic 66 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/17/2019 10/18/2019		95	2844598	2881361 2880936	Aldyl-A Aldyl-A
2,5 3,3	30 \$	1/2" Plastic	10 1" and smaller 10 1" and smaller	10/18/2019		95	2844598	2880936	Aldyl-A Aldyl-A
3,1	125 \$	71 1/2" Plastic	10 1" and smaller	10/18/2019		95	2844598	2880941	Aldyl-A
3,6 2,8	30 \$ 142 \$	104 1/2" Plastic 76 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/18/2019 10/18/2019		95	2844598 2844598	2881298 2881000	Aldyl-A Aldyl-A
2,8 3,2	142 \$ 30 \$	76 1/2" Plastic 99 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/18/2019 10/18/2019		95	2844598 2844598	2881000 2881435	Aldyl-A Aldyl-A
2,4	262 \$	268 1" Plastic	10 1" and smaller	10/22/2019		95	2844627	2963136	Aldyl-A
1,5	70 \$	68 1/2" Plastic	10 1" and smaller	10/23/2019		95	2844627	2963238	Aldyl-A
2,7 2,7	100 \$	106 1" Plastic 114 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/23/2019 10/23/2019		95	2844627 2844627	2963206 2962739	Aldyl-A Aldyl-A
1,4	70 \$	75 1/2" Plastic	10 1" and smaller	10/23/2019		95	2844627	2963363	Aldyl-A
2,2	62 \$	65 1/2" Plastic	10 1" and smaller	10/24/2019	5	95	2844627	2963239	Aldyl-A
2,5	107 \$ 150 \$	102 1/2" Plastic 83 1" Plastic	10 1" and smaller 10 1" and smaller	10/24/2019 10/24/2019		95	2844627 2844627	2962746 2963170	Aldyl-A Aldyl-A
2,8	113 \$	111 1/2" Plastic	10 1" and smaller	10/25/2019		95	2844627	2962744	Aldyl-A
1,4	52 \$	68 1/2" Plastic	10 1" and smaller	10/25/2019		95	2844627	2962743	Aldyl-A
2,6	102 \$ 52 \$	108 1" Plastic 51 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/25/2019 10/29/2019		95	2693360 2851183	2963211 2858852	Aldyl-A Aldyl-A
2,8	52 5 119 \$	112 1/2 Plastic	10 1" and smaller	10/29/2019		98	2851183	2858851	Aldyl-A
2,2	88 \$	85 1/2" Plastic	10 1" and smaller	10/29/2019	3	98	2851183	2858881	Aldyl-A
1,7	49 \$	43 1/2" Plastic	10 1" and smaller	10/29/2019	3	98	2851183 2844627	2858871	Aldyl-A
2,4	65 \$ 40 \$	63 3/4" Steel 45 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/30/2019 10/30/2019		95	2844627 2851183	2984344 2858868	Aldyl-A Aldyl-A
2,6	90 \$	102 1/2" Plastic	10 1" and smaller	10/30/2019	3	98	2851183	2858873	Aldyl-A
2,2	95 \$	69 1/2" Plastic	10 1" and smaller	10/30/2019	3	98	2851183	2858889	Aldyl-A
2,4	90 \$ 93 \$	85 1/2" Plastic 89 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/30/2019 10/30/2019		98	2851183 2851183	2858891 2858883	Aldyl-A Aldyl-A
2,3	80 \$	84 1/2" Plastic	10 1" and smaller	10/30/2019	3	98	2851183	2858888	Aldyl-A
2,2	86 \$	81 1/2" Plastic	10 1" and smaller	10/30/2019	3	98	2851183	2858877	Aldyl-A
2,7	247 \$ 48 \$	118 3/4" Steel 57 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/31/2019 10/31/2019		95	2844627 2844627	2985548 2962745	Aldyl-A Aldyl-A
2,6	99 \$	102 1/2" Plastic	10 1" and smaller	10/31/2019	3	98	2851183	2858847	Aldyl-A
2,0	60 \$	61 1/2" Plastic	10 1" and smaller	10/31/2019	3	98	2851183	2858848	Aldyl-A
2,6	102 \$ 108 \$	102 1/2" Plastic 104 1/2" Plastic	10 1" and smaller 10 1" and smaller	10/31/2019 10/31/2019		98	2851183 2851183	2858865 2858874	Aldyl-A Aldyl-A
2,7 2,3	108 \$ 475 \$	104 1/2" Plastic 103 3/4" Steel	10 1" and smaller 11 1" and smaller	10/31/2019 11/1/2019		98	2851183 2844627	2858874 2983877	Aldyl-A Aldyl-A
2,9	129 \$	120 1/2" Plastic	11 1" and smaller	11/1/2019		98	2851183	2858836	Aldyl-A
2,4	90 \$ 94 \$	92 1/2" Plastic 98 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/1/2019 11/2/2019		98	2851183 2851183	2858844 2858843	Aldyl-A Aldyl-A
2,6	94 \$ 96 \$	98 1/2" Plastic 99 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/2/2019 11/2/2019		98	2851183 2851183	2858843 2858845	Aldyl-A Aldyl-A
2,1	62 \$	87 1/2" Plastic	11 1" and smaller	11/4/2019		98	2851183	2858835	Aldyl-A
3,4	140 \$	144 1/2" Plastic	11 1" and smaller	11/4/2019		98	2851183	2858837	Aldyl-A
2,6	99 \$ 87 \$	99 1/2" Plastic 96 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/4/2019 11/4/2019		98	2851183 2851183	2858839 2858841	Aldyl-A Aldyl-A
2,3	89 \$	88 1/2" Plastic	11 1" and smaller	11/4/2019		98	2851183	2858838	Aldyl-A
2,1	74 S	69 1" Plastic	11 1" and smaller	11/5/2019		95	2845757	2893274	Aldyl-A
2,8	126 \$ 36 \$	122 1/2" Plastic 37 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/5/2019 11/6/2019		95	2845757 2844627	2893303 2962043	Aldyl-A Aldyl-A
2,2	96 \$	92 1/2" Plastic	11 1" and smaller	11/6/2019		95	2851183	2858849	Aldyl-A
2,3	84 \$	90 1/2" Plastic	11 1" and smaller	11/7/2019		95	2844627	2961871	Aldyl-A
1,2	38 \$ 39 \$	36 1/2" Plastic 40 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/7/2019		95	2844627	2962493 2962492	Aldyl-A Aldyl-A
1,0	39 \$	40 1/2" Plastic 86 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/7/2019 11/7/2019		95	2844627 2844627	2962492 2961862	Aldyl-A Aldyl-A
1,0	39 \$	40 1/2" Plastic	11 1" and smaller	11/7/2019		95	2844627	2962490	Aldyl-A
2,4	83 \$	85 1/2" Plastic	11 1" and smaller	11/8/2019		95	2844627	2961870	Aldyl-A
1,5	93 \$ 34 \$	97 1/2" Plastic 34 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/8/2019 11/8/2019		95	2844627 2844627	2961999 2962369	ldyl-A ldyl-A
2,8	82 \$	87 1/2 Plastic	11 1" and smaller	11/8/2019		95	2844627	2962369	ldyl-A
2,6	80 \$	110 1/2" Plastic	11 1" and smaller	11/11/2019		95	2844627	2961872	Aldyl-A
1,3	42 \$	40 1/2" Plastic	11 1" and smaller	11/11/2019		95	2844627	2992591	Aldyl-A
1,1 2,4	40 \$ 92 \$	38 1/2" Plastic 93 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/18/2019 11/18/2019		89	2968818 2968818	2971707 2971704	ldyl-A ldyl-A
2,0	55 \$	68 1/2" Plastic	11 1" and smaller	11/18/2019		89	2968818	2971705	Aldyl-A
3,2	151 \$	141 1/2" Plastic	11 1" and smaller	11/18/2019		89	2968818	2971706	Aldyl-A
3,0	115 \$ 70 \$	128 1/2" Plastic 82 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/19/2019 11/19/2019		89	2968818 2968818	2971708 2971712	Aldyl-A Aldyl-A
2,1 3,2	70 \$ 136 \$	82 1/2" Plastic 143 1/2" Plastic	11 1" and smaller 11 1" and smaller	11/19/2019 11/19/2019		89	2968818 2968818	2971712 2971709	Aldyl-A Aldyl-A
2.9	130 \$	124 1/2" Plastic	11 1" and smaller	11/19/2019		89	2968818	2971746	Aldyl-A
2,8	115 \$	117 1/2" Plastic	11 1" and smaller	11/19/2019		00	2968818	2971711	Aldyl-A

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Туре	WR#	Related WR	Op District	ProjectName	Const Complete Date	Month Size Installed	Total Footage Installed Size & Type Retired	Total Footage Retired	Service Installation Cost
Aldyl-A Aldyl-A	2971710 2971713	2968818 2968818	89		11/19/2019 11/20/2019	11 1" and smaller 11 1" and smaller	97 1/2" Plastic 21 1/2" Plastic	107 \$ 21 \$	2,551.02 1,249.03
Aldyl-A Aldyl-A	2971713 2995188	2968818 2968818	89		11/20/2019	11 1" and smaller 11 1" and smaller	21 1/2" Plastic 34 1/2" Plastic	21 5	1,249.03
Aldyl-A	2973609	2968818	89		11/20/2019	11 1" and smaller	97 1/2" Plastic	109 \$	2,589.04
Aldyl-A	2971714	2968818	89		11/20/2019	11 1" and smaller	12 1/2" Plastic	12 \$	1,278.94
Aldyl-A Aldyl-A	2973608 2973610	2968818 2968818	89		11/21/2019 11/21/2019	11 1" and smaller 11 1" and smaller	72 1/2" Plastic 94 1/2" Plastic	64 \$ 87 \$	1,290.41 2,422.32
Aldyl-A	2994564	2968818	89		11/21/2019	11 1" and smaller	4 1/2 Plastic	87 \$ 11 \$	634.64
Aldyl-A	2973612	2968818	89		11/21/2019	11 1" and smaller	17 1/2" Plastic	24 \$	1,026.11
Aldyl-A	2973613	2968818	89		11/21/2019	11 1" and smaller	105 1/2" Plastic	112 \$	2,603.18
Aldyl-A Aldyl-A	2973611 2995187	2968818 2968818	89		11/21/2019 11/21/2019	11 1" and smaller 11 1" and smaller	84 1/2" Plastic 42 1/2" Plastic	103 \$ 54 \$	2,261.42
Aldyl-A	2973617	2968818	89		11/22/2019	11 1" and smaller	116 1/2" Plastic	114 \$	2,899.23
Aldyl-A	2973616	2968818	89		11/22/2019	11 1" and smaller	104 1/2" Plastic	105 \$	2,714.64
Aldyl-A	2996386	2968818	89		11/22/2019	11 1" and smaller	100 1/2" Plastic	102 \$	1,935.05
Aldyl-A Aldyl-A	2973614 2973615	2968818 2968818	89		11/22/2019 11/22/2019	11 1" and smaller 11 1" and smaller	107 1/2" Plastic 100 1/2" Plastic	101 \$ 90 \$	2,751.72 2,635.75
Aldyl-A	2997120	2846177	95		12/2/2019	12 1" and smaller	35 3/4" Steel	225 \$	1,981.22
Aldyl-A	2997193	2846177	95		12/2/2019	12 1" and smaller	68 1" Plastic	8 \$	2,643.06
Aldyl-A Aldyl-A	2880943 2961946	2844598 2844627	95		12/4/2019 12/4/2019	12 1" and smaller 12 1" and smaller	72 1/2" Plastic 35 1/2" Plastic	35 \$ 38 \$	3,046.21 1,733.42
X-trube	2874080	2693360	95		3/25/2019	3 1" and smaller	38 1/2" Plastic	38 \$	7.045.01
(-trube	2671558	2693360	97		4/22/2019	4 1" and smaller	41 3/4" Steel	44 \$	2,428.07
(-trube	2671554	2693360	97		4/22/2019	4 1" and smaller	70 3/4" Steel	72 \$	2,063.82
(-trube (-trube	2672211 2671547	2693360	97		4/23/2019 4/23/2019	4 1" and smaller 4 1" and smaller	93 3/4" Steel 109 3/4" Steel	97 \$ 111 \$	2,944.74 3,191.29
K-trube K-trube	2671533	2693360	97		4/23/2019 4/23/2019	4 1" and smaller 4 1" and smaller	88 1/2" Plastic	90 \$	3,191.29 3,295.40
X-trube	2871967	2693360	97		4/23/2019	4 1" and smaller	86 3/4" Steel	88 \$	2,845.05
X-trube	2671550	2693360	97		4/23/2019	4 1" and smaller	126 3/4" Steel	128 \$	3,650.26
(-trube (-trube	2671542 2671536	2693360 2693360	97		4/24/2019 4/24/2019	4 1" and smaller 4 1" and smaller	80 1/2" Plastic 100 1/2" Plastic	84 \$ 106 \$	1,956.58 2,031.02
(-trube	2672192	2693360	97		4/24/2019 4/24/2019	4 1" and smaller 4 1" and smaller	100 1/2" Plastic 117 3/4" Steel	106 \$	3,232.16
(-trube	2875812	2693360	95		4/24/2019	4 1" and smaller	30 3/4" Steel	33 \$	3,123.16
X-trube X-trube	2676676	2693360	97		4/25/2019	4 1" and smaller	125 3/4" Steel	129 \$	3,013.99
X-trube X-trube	2672229 2672225	2693360 2693360	97		4/26/2019 4/26/2019	4 1" and smaller 4 1" and smaller	40 3/4" Steel 36 3/4" Steel	42 \$ 38 \$	1,788.37
X-trube	2672203	2693360	97		4/26/2019	4 1" and smaller	19 3/4" Steel	21 \$	1,582.46
X-trube	2672217	2693360	97		4/29/2019	4 1" and smaller	118 3/4" Steel	120 \$	2,566.49
X-trube X-trube	2672174 2672170	2693360 2693360	97		4/29/2019 4/29/2019	4 1" and smaller 4 1" and smaller	46 3/4" Steel 52 3/4" Steel	50 \$ 56 \$	1,700.87 2,060.72
X-trube	2659180	2693360	89		4/29/2019	4 1 and smaller 4 1" and smaller	37 3/4 Steel	37 \$	2,000.72
(-trube	2659182	2693360	89		4/30/2019	4 1" and smaller	42 3/4" Steel	48 \$	1,962.45
(-trube	2672233	2693360	97		4/30/2019	4 1" and smaller	33 3/4" Steel	36 \$	2,356.31
K-trube K-trube	2659183 2659184	2693360 2693360	89		5/1/2019 5/1/2019	5 1" and smaller 5 1" and smaller	150 3/4" Steel 162 3/4" Steel	166 \$ 164 \$	3,933.19 3,113.99
(-trube	2749578	2693360	97		5/1/2019	5 1" and smaller	136 3/4" Steel	195 \$	3,415.76
-trube	2522780	2693360	97		5/1/2019	5 1" and smaller	110 3/4" Steel	90 \$	3,320.33
(-trube	2672180	2693360	97		5/1/2019	5 1" and smaller	24 3/4" Steel	28 \$	1,673.45
(-trube (-trube	2522788 2883099	2693360 2693360	97		5/1/2019 5/1/2019	5 1" and smaller 5 1" and smaller	81 3/4" Steel 40 3/4" Steel	85 \$ 45 \$	2,018.80 2.626.83
(-trube	2655493	2693360	89		5/2/2019	5 1" and smaller	21 3/4" Steel	46 \$	1,807.57
(-trube	2671456	2693360	97		5/2/2019	5 1" and smaller	83 3/4" Steel	86 \$	2,201.09
(-trube (-trube	2672196 2551744	2693360 2693360	97		5/2/2019 5/3/2019	5 1" and smaller 5 1" and smaller	39 3/4" Steel 111 1/2" Plastic	42 \$ 113 \$	1,824.80 4,801.78
X-trube	2672214	2693360	97		5/3/2019	5 1" and smaller	34 3/4" Steel	36 \$	4,801.78
X-trube	2672242	2693360	97		5/6/2019	5 1" and smaller	128 3/4" Steel	129 \$	3,276.12
(-trube (-trube	2672241	2693360	97		5/7/2019	5 1" and smaller	80 3/4" Steel	84 \$ 84 \$	3,278.01 3.010.16
(-trube	2883757	2693360	95		5/8/2019	5 1" and smaller 5 1" and smaller	84 3/4" Steel 51 3/4" Steel	84 \$ 55 \$	3,010.16 3,123.05
-trube	2672221	2693360	97		5/8/2019	5 1" and smaller	92 3/4" Steel	96 \$	3,690.39
(-trube	2672257	2693360	97		5/8/2019	5 1" and smaller	71 3/4" Steel	73 \$	2,511.56
(-trube (-trube	2672246 2889748	2693360 2693360	97		5/9/2019 5/9/2019	5 1" and smaller 5 1" and smaller	73 3/4" Steel 70 3/4" Steel	78 \$ 70 \$	3,978.88 2,853.95
K-trube	2887067	2693360	97		5/10/2019	5 1" and smaller	47 3/4" Steel	49 \$	2,653.55
-trube	2887068	2693360	97		5/10/2019	5 1" and smaller	47 3/4" Steel	48 \$	3,323.44
-trube	2654953	2693360	89		5/13/2019	5 1" and smaller	77 3/4" Steel	77 \$	2,687.70
-trube -trube	2583329 2591190	2693360 2693360	89		5/13/2019 5/13/2019	5 1" and smaller 5 1" and smaller	91 3/4" Steel 77 3/4" Steel	95 \$ 91 \$	2,850.13 2,325.28
-trube	2654930	2693360	89		5/13/2019	5 1" and smaller	74 3/4" Steel	74 \$	2,766.79
(-trube	2654926	2693360	89		5/13/2019	5 1" and smaller	73 3/4" Steel	103 \$	2,039.25
trube	2654957 2654913	2693360 2693360	89		5/13/2019 5/13/2019	5 1" and smaller 5 1" and smaller	84 3/4" Steel 91 3/4" Steel	84 \$	1,988.02 3,120.52
trube trube	2654913 2654924	2693360 2693360	89		5/13/2019 5/13/2019	5 1" and smaller 5 1" and smaller	91 3/4" Steel 74 3/4" Steel	90 \$ 74 \$	3,120.52 2,340.36
-trube	2654948	2693360	89		5/13/2019	5 1" and smaller	90 3/4" Steel	90 \$	2,092.71
-trube	2654931	2693360	89		5/13/2019	5 1" and smaller	81 3/4" Steel	81 \$	2,069.36
-trube -trube	2654916 2654920	2693360 2693360	89		5/13/2019 5/13/2019	5 1" and smaller 5 1" and smaller	90 3/4" Steel 68 3/4" Steel	89 \$ 88 \$	3,269.65 4,259.78
-trube -trube	2654920	2693360	89		5/13/2019	5 1" and smaller 5 1" and smaller	62 3/4" Steel	88 \$ 60 \$	4,259.78 2,092.05
-trube	2730043	2693360	89		5/13/2019	5 1" and smaller	40 3/4" Steel	46 \$	1,957.15
-trube	2654951	2693360	89		5/14/2019	5 1" and smaller	44 3/4" Steel	44 \$	3,216.95
-trube -trube	2655503	2693360	89		5/14/2019 5/15/2019	5 1" and smaller 5 1" and smaller	91 3/4" Steel 31 3/4" Steel	95 \$	2,989.86
trube trube	2669208	2693360 2693360	89		5/15/2019 5/15/2019	5 1" and smaller 5 1" and smaller	31 3/4" Steel 55 3/4" Steel	33 S 54 \$	2,316.25 2,427.10
trube	2669207	2693360	89		5/16/2019	5 1" and smaller	59 3/4" Steel	59 \$	2,460.35
trube	2678830	2693360	89		5/16/2019	5 1" and smaller	98 3/4" Steel	98 \$	4,255.12
trube trube	2669205 2887070	2693360 2693360	89		5/16/2019 5/16/2019	5 1" and smaller 5 1" and smaller	63 3/4" Steel 43 3/4" Steel	63 \$ 106 \$	1,564.22 3,507.94
trube	2678828	2693360	89		5/16/2019	5 1" and smaller 5 1" and smaller	43 3/4" Steel 110 3/4" Steel	106 \$	5,713.02
trube	2669274	2693360	89		5/17/2019	5 1" and smaller	70 3/4" Steel	73 \$	3,659.37
trube	2887065	2693360	97		5/17/2019	5 1" and smaller	39 3/4" Steel	78 \$	2,746.10
trube	2655495 2655496	2693360 2693360	89		5/20/2019 5/20/2019	5 1" and smaller	87 3/4" Steel 98 3/4" Steel	87 \$	2,377.13 2.716.94
trube trube	2655496 2672223	2693360 2693360	89		5/20/2019 5/20/2019	5 1" and smaller 5 1" and smaller	98 3/4" Steel 66 3/4" Steel	98 \$ 68 \$	2,716.94 2,214.79
trube	2874015	2693360	97		5/20/2019	5 1" and smaller	34 3/4" Steel	36 \$	2,403.60
trube	2881318	2693360	97		5/20/2019	5 1" and smaller	27 3/4" Steel	32 \$	1,743.92
(-trube	2880873	2693360	97		5/20/2019	5 1" and smaller	95 3/4" Steel	100 \$	2,565.87
(-trube	2887071 2891493	2693360	97		5/20/2019	5 1" and smaller 5 1" and smaller	22 3/4" Steel 72 3/4" Steel	23 \$	3,000.42
	2891495	2693360	97		5/20/2019	5 1" and smaller	97 3/4" Steel	101 \$	4,219.96
X-trube		2693360			5/20/2019	5 1" and smaller	20 3/4" Steel	106 \$	2.602.88

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### [PRIVATE DATA BEGINS...

									Page 20 of 21
Туре	WR#	Related WR	Op District	ProjectName	Const Complete Date	Month Size Installed	Total Footage Installed Size & Type Retired	Total Footage Retired	Service Installation Cost
X-trube	2678847	2693360	89		5/21/2019	5 1" and smaller	80 3/4" Steel	80 \$	2,850.42
X-trube	2678846	2693360	89		5/21/2019	5 1" and smaller	119 3/4" Steel	127 \$	2,880.87
X-trube	2678845	2693360	89		5/21/2019	5 1" and smaller 5 1" and smaller	90 3/4" Steel	90 \$ 120 \$	2,998.61
X-trube X-trube	2675977	2693360	89		5/23/2019 5/23/2019	5 1" and smaller 5 1" and smaller	120 3/4" Steel 17 3/4" Steel	17 \$	4,625.83
X-trube	2678831	2693360	89		5/23/2019	5 1" and smaller	97 3/4" Steel	102 \$	2.476.38
X-trube	2678848	2693360	89		5/28/2019	5 1" and smaller	108 3/4" Steel	104 \$	3,341.45
X-trube	2675978	2693360	89		5/28/2019	5 1" and smaller	41 3/4" Steel	41 \$	3,886.76
X-trube X-trube	2669272 2669271	2693360 2693360	89		5/29/2019 5/29/2019	5 1" and smaller 5 1" and smaller	66 3/4" Steel 97 3/4" Steel	66 \$ 92 \$	3,849.45 4,582.07
X-trube	2675975	2693360	89		5/29/2019	5 1" and smaller	107 3/4 Steel	105 \$	2,989.73
X-trube	2889713	2693360	89		5/29/2019	5 1" and smaller	96 5/8" Copper	96 \$	4,824.60
X-trube	2675980	2693360	89		5/30/2019	5 1" and smaller	73 3/4" Steel	73 \$	2,149.24
X-trube X-trube	2669181 2897244	2693360 2693360	89		5/31/2019 6/3/2019	5 1" and smaller 6 1" and smaller	12 3/4" Steel 212 5/8" Copper	12 \$ 217 \$	4,583.46 3,187.35
X-trube	2684724	2693360	89		6/4/2019	6 1" and smaller	101 3/4" Steel	82 \$	3,187.35
X-trube	2903641	2693360	89		6/5/2019	6 1" and smaller	100 3/8" Copper	111 \$	3,816.63
X-trube	2870061	2693360	95		6/10/2019	6 1" and smaller	76 3/4" Steel	86 \$	3,188.08
X-trube X-trube	2889885 2889867	2693360 2693360	95		6/10/2019 6/11/2019	6 1" and smaller 6 1" and smaller	108 3/4" Steel 90 3/4" Steel	108 \$ 90 \$	3,440.92
X-trube	2883160	2693360	95		6/12/2019	6 1" and smaller	78 3/4" Steel	90 \$ 79 \$	2,646.06
X-trube	2883366	2693360	95		6/12/2019	6 1" and smaller	58 3/4" Steel	57 \$	1,733.93
X-trube	2910776	2693360	97		6/20/2019	6 1" and smaller	75 3/4" Steel	75 \$	2,037.73
X-trube	2910794	2693360	97		6/20/2019	6 1" and smaller	96 3/4" Steel	98 \$	2,335.65
X-trube X-trube	2913908 2883140	2693360 2693360	95		7/11/2019 7/12/2019	7 1" and smaller 7 1" and smaller	54 1/2" Plastic 60 3/4" Steel	53 \$ 60 \$	1,892.98 2,118.92
X-trube	2924896	2693360	95		7/23/2019	7 1" and smaller	38 1/2" Plastic	38 \$	2,140.92
X-trube	2912485	2904175	89		8/7/2019	8 1" and smaller	55 3/4" Steel	99 \$	1,734.57
X-trube	2912486	2904175	89		8/7/2019	8 1" and smaller	73 1/2" Plastic	134 \$	1,826.26
X-trube X-trube	2912487 2918948	2904175 2693360	89		8/8/2019 8/22/2019	8 1" and smaller 8 1" and smaller	89 1/2" Plastic 103 3/4" Steel	48 \$ 103 \$	2,820.98 1,660.81
X-trube	2948684	2693360	89		8/27/2019	8 1" and smaller	103 3/4" Steel	98 \$	4,117.37
X-trube	2944826	2693360	89		8/27/2019	8 1" and smaller	104 3/4" Steel	112 \$	3,300.08
X-trube	2945743	2693360	97		9/16/2019	9 1" and smaller	12 3/4" Steel	16 \$	1,544.36
X-trube X-trube	2872005	2693360 2693360	97		9/16/2019 9/16/2019	9 1" and smaller 9 1" and smaller	18 3/4" Steel 31 3/4" Steel	19 \$ 31 \$	1,605.27 1.635.77
X-trube	2947701	2693360	97		9/20/2019	9 1" and smaller	67 3/4" Steel	67 \$	2,533.78
X-trube	2948034	2693360	95		9/20/2019	9 1" and smaller	52 3/4" Steel	52 \$	2,042.46
X-trube	2944337	2693360	95		9/20/2019	9 1" and smaller	69 3/4" Steel	18 \$	2,594.30
X-trube X-trube	2945353 2944343	2693360 2693360	95		9/20/2019 9/20/2019	9 1" and smaller 9 1" and smaller	88 3/4" Steel 69 3/4" Steel	80 \$ 84 \$	3,033.77 2,945.85
X-trube	2943623	2693360	95		9/23/2019	9 1" and smaller	27 3/4" Steel	27 \$	1.858.41
X-trube	2947702	2693360	95		9/23/2019	9 1" and smaller	84 3/4" Steel	84 \$	3,253.70
X-trube	2945823	2693360	95		9/23/2019	9 1" and smaller	43 3/4" Steel	57 \$	2,851.36
X-trube X-trube	2946828 2945689	2693360 2693360	95		9/23/2019 9/24/2019	9 1" and smaller 9 1" and smaller	42 3/4" Steel 61 3/4" Steel	42 \$ 76 \$	1,963.75 2,805.63
X-trube	2947722	2693360	95		9/24/2019	9 1" and smaller	84 3/4" Steel	84 \$	2,164.39
X-trube	2945750	2693360	95		9/24/2019	9 1" and smaller	50 1/2" Plastic	50 \$	2,466.26
X-trube	2945751	2693360	95		9/24/2019	9 1" and smaller	59 1/2" Plastic	71 \$	2,794.57
X-trube X-trube	2948065 2948064	2693360 2693360	95		9/24/2019 9/25/2019	9 1" and smaller 9 1" and smaller	63 3/4" Steel 79 3/4" Steel	66 \$ 79 \$	2,716.39 3.012.34
X-trube X-trube	2948064 2946687	2693360	95		9/25/2019	9 1" and smaller 9 1" and smaller	67 3/4" Steel	79 \$ 67 \$	2,876.95
X-trube	2947425	2693360	95		9/25/2019	9 1" and smaller	87 3/4" Steel	87 \$	2,362.99
X-trube	2947724	2693360	95		9/26/2019	9 1" and smaller	78 3/4" Steel	74 \$	2,009.55
X-trube	2945625	2693360 2693360	95		9/26/2019	9 1" and smaller	68 3/4" Steel	68 \$ 40 \$	2,920.77
X-trube X-trube	2951385 2943628	2693360 2693360	95		9/26/2019 9/28/2019	9 1" and smaller 9 1" and smaller	37 3/4" Steel 78 3/4" Steel	40 \$ 89 \$	1,840.50 5,379.73
X-trube	2947728	2693360	95		9/28/2019	9 1" and smaller	34 3/4" Steel	34 \$	1,988.49
X-trube	2946875	2693360	95		9/30/2019	9 1" and smaller	77 3/4" Steel	73 \$	2,518.69
X-trube	2945688	2693360	95		9/30/2019	9 1" and smaller	79 3/4" Steel 65 1/2" Plastic	79 \$ 65 \$	3,120.20 2,879.10
X-trube X-trube	2945634 2946683	2693360 2693360	95		9/30/2019 9/30/2019	9 1" and smaller 9 1" and smaller	65 1/2" Plastic 69 3/4" Steel	65 S 72 \$	2,879.10 3,079.23
X-trube	2945822	2693360	95		10/2/2019	10 1" and smaller	70 3/4" Steel	70 \$	2,904.92
X-trube	2946686	2693360	95		10/2/2019	10 1" and smaller	64 3/4" Steel	68 \$	2,967.47
X-trube	2944827	2693360	89		10/3/2019	10 1" and smaller	89 3/4" Steel	96 \$	3,285.92
X-trube X-trube	2947727 2947703	2693360 2693360	95		10/4/2019 10/4/2019	10 1" and smaller 10 1" and smaller	73 3/4" Steel 82 3/4" Steel	73 \$ 90 \$	2,873.71 3,270.82
X-trube X-trube	2947703	2693360	95		10/4/2019	10 1" and smaller 10 1" and smaller	82 3/4" Steel 81 3/4" Steel	90 \$	2,280.90
X-trube	2965901	2693360	89		10/4/2019	10 1" and smaller	77 5/8" Copper	78 \$	3,543.00
X-trube	2948290	2693360	95		10/7/2019	10 1" and smaller	58 3/4" Steel	58 \$	2,837.31
X-trube	2945680	2693360	95		10/7/2019	10 1" and smaller	69 3/4" Steel	69 \$	3,102.51
X-trube X-trube	2946574	2693360	95		10/7/2019 10/7/2019	10 1" and smaller 10 1" and smaller	46 3/4" Steel 72 3/4" Steel	46 \$ 72 \$	1,941.52
X-trube	2945748	2693360	95		10/7/2019	10 1" and smaller	65 1/2" Plastic	65 \$	2,588.70
X-trube	2945347	2693360	95		10/7/2019	10 1" and smaller	76 3/4" Steel	83 \$	3,066.00
X-trube	2961287	2693360	97		10/8/2019	10 1" and smaller	52 3/4" Steel	52 \$	1,406.06
X-trube X-trube	2961205 2968988	2693360 2693360	95		10/8/2019 10/8/2019	10 1" and smaller 10 1" and smaller	67 1/2" Plastic 93 1/2" Plastic	80 \$ 288 \$	1,608.17 2,759.81
X-trube	2961179	2693360	95		10/8/2019	10 1" and smaller	58 1/2" Plastic	140 \$	1,513.05
X-trube	2945756	2693360	95		10/8/2019	10 1" and smaller	52 1/2" Plastic	52 \$	2,732.52
X-trube	2945825	2693360	95		10/8/2019	10 1" and smaller	46 3/4" Steel	48 \$	2,289.30
X-trube X-trube	2945826 2945754	2693360 2693360	95		10/9/2019 10/9/2019	10 1" and smaller 10	35 3/4" Steel - 1/2" Plastic	35 \$ 81 \$	2,516.41 888.16
X-trube X-trube	2945752	2693360	95		10/9/2019	10 10 1" and smaller	- 1/2" Plastic 36 1/2" Plastic	81 S 36 S	2,448.37
X-trube	2947398	2693360	95		10/9/2019	10 1" and smaller	17 3/4" Steel	17 \$	2,163.30
X-trube	2946567	2693360	95		10/9/2019	10 1" and smaller	112 3/4" Steel	112 \$	3,525.10
X-trube X-trube	2947392 2947700	2693360 2693360	95		10/9/2019 10/11/2019	10 1" and smaller 10 1" and smaller	20 3/4" Steel 56 3/4" Steel	19 \$ 56 \$	2,115.77 2,785.51
X-trube X-trube	2947700	2693360	95		10/11/2019	10 1" and smaller 10 1" and smaller	56 3/4" Steel 66 3/4" Steel	56 S 74 S	2,785.51
X-trube	2947732	2693360	95		10/11/2019	10 1" and smaller	84 3/4" Steel	84 \$	3,453.12
X-trube	2947730	2693360	95		10/11/2019	10 1" and smaller	95 3/4" Steel	95 \$	3,735.72
X-trube	2956827	2693360	95		10/12/2019	10 1" and smaller	70 3/4" Steel	35 \$	2,105.88
X-trube X-trube	2943611 2946607	2693360	95		10/12/2019 10/14/2019	10 1" and smaller 10 1" and smaller	75 1/2" Plastic 117 3/4" Steel	75 \$	2,574.51 3.646.96
X-trube	2940007	2693360	95		10/14/2019	10 1 and smaller	83 3/4" Steel	20 \$	2,899.01
X-trube	2948326	2693360	95		10/14/2019	10 1" and smaller	76 3/4" Steel	146 \$	4,157.47
X-trube	2947641	2693360	95		10/15/2019	10 1" and smaller	72 3/4" Steel	1 \$	3,139.03
X-trube	2945628 2947729	2693360 2693360	95		10/15/2019	10 1" and smaller	29 3/4" Steel 118 3/4" Steel	29 \$	2,440.03 2,517.58
X-trube X-trube			95		10/15/2019	10 1" and smaller 10 1" and smaller		133 \$	2,517.58 1,937.19
X-trube	2947370	2693360	95		10/17/2019	10 1" and smaller	59 1/2" Plastic	59 \$	

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#### [PRIVATE DATA BEGINS...

											Page 21 of 2
Туре	WR#	Related WR	Op District	ProjectName	Const Complete Date	Month	Size Installed	Total Footage Installed	Size & Type Retired	Total Footage Retired	Service Installation Cost
	2945747	2693360	95		10/17/2019	10 1" and	l smaller	72 1	/2" Plastic	72 \$	3,0
	2948369	2693360	95		10/17/2019	10 1" and	l smaller	58 3	/4" Steel	58 \$	2
	2946873	2693360	95		10/17/2019	10 1" and	l smaller	99 3	/4" Steel	106 \$	2
	2946832	2693360	95		10/17/2019	10 1" and	l smaller	17 3	/4" Steel	17 \$	1
	2945814	2693360	95		10/18/2019	10 1" and	l smaller	30 3	/4" Steel	39 \$	
	2945694	2693360	95		10/18/2019	10 1" and	l smaller	67 1	/2" Plastic	67 \$	
	2946831	2693360	95		10/18/2019	10 1" and	l smaller	75 3	/4" Steel	80 \$	
	2948370	2693360	95		10/18/2019	10 1" and	l smaller	50 3	/4" Steel	50 \$	
	2947726	2693360	95		10/19/2019	10 1" and	l smaller	61 3	/4" Steel	61 \$	
	2945749	2693360	95		10/22/2019	10 1" and			/2" Plastic	72 \$	
	2945755	2693360	95		10/22/2019	10 1" and			/2" Plastic	54 \$	
	2947399	2693360	95		10/22/2019	10 1" and			/4" Steel	21 \$	
	2944890	2693360	95		10/23/2019	10 1" and	l smaller	84 3	/4" Steel	84 \$	
	2945753	2693360	95		10/23/2019	10 1" and	l smaller	82 1	/2" Plastic	85 \$	
	2945824	2693360	95		10/23/2019	10 1" and	l smaller	86 3	/4" Steel	86 \$	
	2945757	2693360	95		10/24/2019	10 1" and	l smaller	77 1	/2" Plastic	82 \$	
	2947655	2693360	95		10/25/2019	10 1" and	l smaller	57 3	/4" Steel	214 \$	
	2947666	2693360	95		10/25/2019	10 1" and	l smaller	34 3	/4" Steel	53 \$	
	2986350	2693360	95		10/25/2019	10 1" and	l smaller	52 1	/2" Plastic	52 \$	
	2927069	2693360	95		10/28/2019	10 1" and	l smaller	52 1	/2" Plastic	55 \$	
	2947697	2693360	95		10/28/2019	10 1" and	i smaller	82 3	/4" Steel	82 \$	
	2948371	2693360	95		10/28/2019	10 1" and	l smaller	53 3	/4" Steel	53 \$	
	2960609	2956841	95		10/28/2019	10 1" and	l smaller	110 1	/2" Plastic	88 \$	
	2654958	2693360	<del>89</del>		<del>10/30/2019</del> -	10			<del>lone</del>		
	2987663	2693360	95		11/21/2019	11 1" and	l smaller	70 3	/4" Steel	70 \$	
	2894924	2844610	95		5/13/2019	5 1" and	l smaller	253 1	/2" Plastic	621 \$	
	2922593	2906370	98		7/26/2019	7 1" and	l smaller		/2" Plastic	83 \$	
	2922592	2906370	98		7/26/2019	7 1" and			/2" Plastic	175 \$	
	2922594	2906370	98		7/31/2019	7 1" and	l smaller	180 1	/2" Plastic	115 \$	
	2916717	2906370	98		7/31/2019	7 1" and	l smaller	22 1	/2" Plastic	32 \$	
	2922595	2906370	98		8/13/2019	8 1" and	l smaller	87 1	/2" Plastic	81 \$	
	2916716	2906370	98		8/14/2019	8 1" and	l smaller	55 1	/2" Plastic	70 \$	
	Total							53,271		\$	1,7
										Service Internal Labor Cost \$	11
										¢	1,9



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 10/2/2020 Response Due: 10/12/2020

SEND RESPONSE VIA <u>EMAIL</u> TO: <u>Utility.Discovery@state.mn.us</u> as well as the assigned analyst(s). Assigned Analyst(s): Dorothy Morrissey Email Address(es): dorothy.morrissey@state.mn.us Phone Number(s): 651-539-1797

## ADDITIONAL INSTRUCTIONS:

Each response must be submitted as a text searchable PDF, unless otherwise directed. Please include the docket number, request number, and respondent name and title on the answers. If your response contains Trade Secret data, please include a public copy.

<b>Request Number:</b>	45
Topic:	2019 ROW Services Installation costs
Reference(s):	Response to DOC IR No. 8, Exhibit E, pp 7-20

## **Request:**

- A. Please explain whether the attachments included to DOC IR No. 8 are copies of the actual invoices issued to MERC by the contractor, or if they are forms/reports generated from/by MERC's internal system.
- B. Please provide copies of the actual invoices issued by the contractor to MERC for the following work orders: 2885205 and 2915381.
- C. Many of these invoices indicate sewer inspection activity. Please explain if any aspect of this sewer inspection activity is included in MERC's sewer cross bore project quantifications (count, costs, etc.).
- D. Many of these invoices indicate meter replacement activity. Please explain whether the invoiced activity is broken down and recorded to relevant plant accounts (meters, services, etc.); if so, explain how common invoice costs are assigned to the distinct plant accounts; if invoiced work is not broken down and mapped to separate plant accounts, explain why not.
- E. Please explain why meter replacement was incurred for these ROW-based replacement projects.
- F. Please explain why these meter replacement costs incurred under the ROW program are included in GUIC recovery.
- G. Please identify the total cost for meter replacement (plant and labor) included in the 2019 ROW project costs.

(Continued on next page)

To be completed by responder

Response Date:October 12, 2020Response by:Lindsay LyleEmail Address:lindsay.lyle@minnesotaenergyresources.comPhone Number:651-322-8909



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 10/2/2020 Response Due: 10/12/2020

SEND RESPONSE VIA <u>EMAIL</u> TO: <u>Utility.Discovery@state.mn.us</u> as well as the assigned analyst(s). Assigned Analyst(s): Dorothy Morrissey Email Address(es): dorothy.morrissey@state.mn.us Phone Number(s): 651-539-1797

# ADDITIONAL INSTRUCTIONS:

Each response must be submitted as a text searchable PDF, unless otherwise directed. Please include the docket number, request number, and respondent name and title on the answers. If your response contains Trade Secret data, please include a public copy.

- H. Please explain the frequency that the MERC's DIMP programs' service line replacements will include meter replacement installations.
- I. For the following work requests, WR# 2884973 and WR # 2900907, please
  - (1) explain the inconsistency between the total invoiced cost provided as Attachments to DOC IR 8 and the amount reported in Exhibit E for each work request; and explain why this discrepancy occurred;
  - (3) explain the internal processes MERC currently has in place that are relevant to this noted discrepancy;
  - (4) discuss what steps are necessary to mitigate recurrence of the reasoned problem; and
  - (5) discuss what verification/search MERC can execute at this time that would identify the Work Requests included in Exhibit E that have similar invoicing characteristics, which could have resulted in inaccurate reported cost totals.
- J. Part C of response, WR # 2905858, describes activity as "relocation due to new hotel in Rochester."
  - Please explain whether the new hotel construction was charged any cost responsibility for this utility relocation. (a) Explain why or why not; (b) Identify the amount and how it was determined, and (c) explain how any such payment offset is reflected in this petition.
  - (2) Please explain how the private industry build-out reason for these gas facilities being moved would qualify pipeline relocation work as GUIC.

## **MERC Response:**

To be completed by responder

Response Date:October 12, 2020Response by:Lindsay LyleEmail Address:Iindsay.lyle@minnesotaenergyresources.comPhone Number:651-322-8909



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 10/2/2020 Response Due: 10/12/2020

SEND RESPONSE VIA <u>EMAIL</u> TO: <u>Utility.Discovery@state.mn.us</u> as well as the assigned analyst(s).
 Assigned Analyst(s): Dorothy Morrissey
 Email Address(es): dorothy.morrissey@state.mn.us
 Phone Number(s): 651-539-1797

# ADDITIONAL INSTRUCTIONS:

Each response must be submitted as a text searchable PDF, unless otherwise directed. Please include the docket number, request number, and respondent name and title on the answers. If your response contains Trade Secret data, please include a public copy.

- A. Invoicing for MERC's contractor NPL Construction is conducted within MERC's Contractor Management database, which the contractor uses to bill MERC. The attachments included in DOC IR No. 8 were invoices generated from the Contractor Management system.
- B. Please see MERC's response to part A above.
- C. This work is outside the Sewer Cross Bore program, where MERC is targeting past installations to verify no cross bores occurred. The sewer inspection activity identified in the referenced invoices is related to ensuring the service line being installed will be clear of the existing sewer lateral. Based on the method used (camera, vacuum excavation, relative elevation, etc.) the contractor may bill different line items. No aspect of this sewer inspection activity is included in MERC's sewer cross bore project quantifications.
- D. Yes, invoiced activity is recorded to relevant plant accounts (meters, services, etc.). MERC purchases meter sets directly from the vendor and that cost is assigned to the appropriate plant account. The labor to set the meter and any materials for the meter set purchased by our contractor will be invoiced under the service line work request. Such charges for the meter work and materials will hit the service line blanket with a specific coding that is reviewed monthly. After review, a journal entry is completed to move those meter-related costs from the service line account to the meter account.
- E. Any time a service line is replaced, the connected meter is also checked to ensure compliance. The charges included on the referenced invoices are for associated meter repair work that occurs as part of the service line replacement. The meter bar is the most common item replaced to allow for refreshed threads for the meter, which leads to less leak potential in the future. Completing this meter work as part of the service line replacement avoids an additional service shut down to the customer in the future, and

To be completed by responder

Response Date:October 12, 2020Response by:Lindsay LyleEmail Address:lindsay.lyle@minnesotaenergyresources.comPhone Number:651-322-8909



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 10/2/2020 Response Due: 10/12/2020

SEND RESPONSE VIA EMAIL TO: Utility.Discovery@state.mn.us as well as the assigned analyst(s). Assigned Analyst(s): Dorothy Morrissey Email Address(es): dorothy.morrissey@state.mn.us Phone Number(s): 651-539-1797

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is necessary to ensure the meter sets along replacement projects are in compliance with current regulations.

- F. If a new meter were installed, the materials cost of such new meter would not be included in GUIC recovery costs for these right-of-way replacement projects. As discussed in MERC's response to part E) above, labor and meter repair work that occurs as part of the service line replacement is included as the meter set is reviewed for compliance as part of the service line replacement, which is GUIC recoverable.
- G. As noted in Part F), if a new meter were installed as the result of a service line replacement, the material cost of the new meter would not be accounted for as part of the service line project and would not be included in the GUIC Rider. With respect to the material and labor costs for meter-related work that is undertaken as part of the right-of-way service line replacements and is included in MERC's GUIC recovery, MERC would need to review all line items for every service line replacement to determine an exact amount associated with the 2019 ROW project costs, which would be a significant effort. MERC notes that the meter-related labor and materials costs included are minimal in the overall costs of the service line.
- H. The frequency of meter set replacements as part of DIMP service line replacement projects would be determined based on the current meter set condition and age. Currently, MERC does not track this information and would need to create new reporting queries containing data that would be able to provide a frequency of meter set changes, which would be a significant effort. As noted in Part F), if a new meter were installed as the result of a service line replacement, the material cost of the new meter would not be accounted for as part of the service line project and would not be included in the GUIC Rider.
- I. WR 2884973/WR 2900907

To be completed by responder

Response Date:October 12, 2020Response by:Lindsay LyleEmail Address:lindsay.lyle@minnesotaenergyresources.comPhone Number:651-322-8909



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 10/2/2020 Response Due: 10/12/2020

SEND RESPONSE VIA <u>EMAIL</u> TO: <u>Utility.Discovery@state.mn.us</u> as well as the assigned analyst(s). Assigned Analyst(s): Dorothy Morrissey Email Address(es): dorothy.morrissey@state.mn.us Phone Number(s): 651-539-1797

# ADDITIONAL INSTRUCTIONS:

Each response must be submitted as a text searchable PDF, unless otherwise directed. Please include the docket number, request number, and respondent name and title on the answers. If your response contains Trade Secret data, please include a public copy.

- (1) The inconsistency of the total invoiced cost to the amount reported in Exhibit E is the result of the total cost in Exhibit E inadvertently including a cancelled invoice. The correct costs for WR 2884973 are \$2,911.92 and the correct costs for WR 2900907 are \$1,934.15. MERC will provide an update on the 2019 true-up and 2021 revenue requirement with Reply Comments reflecting the actual corrected costs associated with this project.
- (3) MERC's internal process for compiling service line charges is a manual process. Each service line has a specific work request that is identified with the work being completed: GUIC DIMP or GUIC ROW. As work is completed by our contractor, a monthly report is sent from Contractor Management showing material and labor cost by each WR and the sequence of the invoice (-001, -002, etc). The report does not show the status of the invoice (i.e. if it was cancelled) and we are verifying the programming criteria for this report.
- (4) The necessary steps to mitigate recurrence would be to verify the report criteria sent from Contractor Management. Due to the large number of service replacements completed, the costs for service lines were not reviewed individually. A review of any charges over our normal average will need to be reviewed for accuracy and, as noted in response to part (3) above, MERC is verifying the programming criteria for the report that is used.
- (5) A new report from Contractor Management can be executed to verify the correct criteria of the service line invoices. Each line item that is approved can be matched to items in the accounting system, SAP. The amount that is charged to the plant account resides in SAP, which also includes applicable taxes on materials purchased from NPL. As noted in MERC's response to Department IR No. 8, taxes are calculated through MERC's accounting system and were not included in Exhibit E for service line projects.

To be completed by responder

Response Date:October 12, 2020Response by:Lindsay LyleEmail Address:lindsay.lyle@minnesotaenergyresources.comPhone Number:651-322-8909



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 10/2/2020 Response Due: 10/12/2020

SEND RESPONSE VIA <u>EMAIL</u> TO: <u>Utility.Discovery@state.mn.us</u> as well as the assigned analyst(s). Assigned Analyst(s): Dorothy Morrissey Email Address(es): dorothy.morrissey@state.mn.us Phone Number(s): 651-539-1797

# ADDITIONAL INSTRUCTIONS:

Each response must be submitted as a text searchable PDF, unless otherwise directed. Please include the docket number, request number, and respondent name and title on the answers. If your response contains Trade Secret data, please include a public copy.

- J. The relocation due to a new hotel in Rochester was the result of the City of Rochester vacating of the alley easement. MERC facilities located in this alley were installed under permit giving no easement for MERC. Pipe was relocated out of the alley per city request.
  - (1) The proposed hotel was not charged for any of this relocation.
    - a. The request to vacate was made by the City of Rochester, a government entity. The additional main and services to serve the hotel would be under a separate work request and project.
    - b. If the relocation was due to new construction, the relocation of the main and installation of new gas service to the commercial customer would be included in our Customer Extension Model per our tariff, with the customer charged any contribution in aid of construction determined to be necessary. Additional main installation for this customer was completed under a different WR at a later time, and was included in the CEM.
  - (2) If this relocation was requested by a private industry where MERC has gas located in an easement, the private industry would pay for relocation. For this project, MERC's facilities were located in City right of way per permit, and is not eligible for reimbursement from the City of Rochester for this request.

To be completed by responder

Response Date:October 12, 2020Response by:Lindsay LyleEmail Address:lindsay.lyle@minnesotaenergyresources.comPhone Number:651-322-8909



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 10/2/2020 Response Due: 10/12/2020

SEND RESPONSE VIA <u>EMAIL</u> TO: <u>Utility.Discovery@state.mn.us</u> as well as the assigned analyst(s). Assigned Analyst(s): Dorothy Morrissey Email Address(es): dorothy.morrissey@state.mn.us Phone Number(s): 651-539-1797

## ADDITIONAL INSTRUCTIONS:

Each response must be submitted as a text searchable PDF, unless otherwise directed. Please include the docket number, request number, and respondent name and title on the answers. If your response contains Trade Secret data, please include a public copy.

<b>Request Number:</b>	48
Topic:	2019 Obsolete Material project cost support
Reference(s):	Response to DOC IR No. 15, Exhibit E

## **Request:**

- A. Reference WR # 2854592/2775065. Exhibit E reports total cost of \$3,496, but the invoices provided in response totals \$1,181. Please explain this variance and provide support for the total cost included in recovery request.
- B. Some of these invoices indicate sewer inspection activity. Please explain if any aspect of this sewer inspection activity is included in MERC's sewer cross bore project quantifications (count, costs, etc.).
- C. Some of these invoices indicate meter set activity. Please explain whether the invoiced activity is broken down and recorded to relevant plant accounts (meters, services, etc.); if so, explain how common invoice costs are assigned to the distinct plant accounts; if the invoiced work is not broken down and mapped to separate plant accounts, explain why not.
- D. Please explain why meter replacement was incurred with these Obsolete Materials-based replacement projects.
- E. Please explain why these meter replacement costs incurred under the Obsolete Materials-based program are included in GUIC recovery.
- F. Please identify the total cost for meter replacement (plant and labor) included in the 2019 Obsolete materials project costs.

To be completed by responder

Response Date:October 12, 2020Response by:Sara SloanEmail Address:Sara.Sloan@minnesotaenergyresources.comPhone Number:651-322-8920



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 10/2/2020 Response Due: 10/12/2020

SEND RESPONSE VIA <u>EMAIL</u> TO: <u>Utility.Discovery@state.mn.us</u> as well as the assigned analyst(s).
 Assigned Analyst(s): Dorothy Morrissey
 Email Address(es): dorothy.morrissey@state.mn.us
 Phone Number(s): 651-539-1797

# ADDITIONAL INSTRUCTIONS:

Each response must be submitted as a text searchable PDF, unless otherwise directed. Please include the docket number, request number, and respondent name and title on the answers. If your response contains Trade Secret data, please include a public copy.

## MERC Response:

A. The inconsistency of the total invoiced cost to the amount reported in Exhibit E is the result of the total cost in Exhibit E inadvertently including a cancelled invoice. The correct costs for WR #2854592 is \$1,180.97. MERC will provide an update on the 2019 true-up and 2021 revenue requirement with Reply Comments reflecting the actual corrected costs associated with this project.

B. Please see MERC's response to DOC IR 45, Part C.

C. Please see MERC's response to DOC IR 45, Part D.

D. Any time a service line is replaced, the connected meter is also checked to ensure compliance. The charges included on the referenced invoices are for associated meter repair work that occurs as part of the service line replacement. The meter bar is the most common item replaced to allow for refreshed threads for the meter, which mitigates the risk of future leaks. Completing this meter work as part of the obsolete materials service line replacement is consistent with DIMP regulations and involves the identification and mitigation of known risks. This work is necessary to ensure the meter sets along replacement projects are in compliance with current regulations.

E. If a new meter were installed, the materials cost of such new meter would not be included in GUIC recovery costs for these obsolete materials replacement projects. See response to Part D) above regarding meter-related labor and materials costs included for GUIC rider recovery. These costs qualify as Gas Utility Projects eligible for GUIC rider recovery because they are for the assessment and modification of existing natural gas facilities in accordance with PHMSA's DIMP regulations.

To be completed by responder

Response Date:October 12, 2020Response by:Sara SloanEmail Address:Sara.Sloan@minnesotaenergyresources.comPhone Number:651-322-8920



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 10/2/2020 Response Due: 10/12/2020

SEND RESPONSE VIA EMAIL TO: Utility.Discovery@state.mn.us as well as the assigned analyst(s). Assigned Analyst(s): Dorothy Morrissey Email Address(es): dorothy.morrissey@state.mn.us Phone Number(s): 651-539-1797

# ADDITIONAL INSTRUCTIONS:

Each response must be submitted as a text searchable PDF, unless otherwise directed. Please include the docket number, request number, and respondent name and title on the answers. If your response contains Trade Secret data, please include a public copy.

F. Please see MERC's response to DOC IR 45, Part G.

To be completed by responder

Response Date:October 12, 2020Response by:Sara SloanEmail Address:Sara.Sloan@minnesotaenergyresources.comPhone Number:651-322-8920



Docket Number: G011/M-20-405 Requested From: Minnesota Energy Resources Corporation Type of Inquiry: General □Nonpublic ⊠Public Date of Request: 9/25/2020 Response Due: 10/07/2020

SEND RESPONSE VIA EMAIL TO: Utility.Discovery@state.mn.us as well as the assigned analyst(s). Assigned Analyst(s): Dorothy Morrissey Email Address(es): dorothy.morrissey@state.mn.us Phone Number(s): 651-539-1797

## ADDITIONAL INSTRUCTIONS:

Each response must be submitted as a text searchable PDF, unless otherwise directed. Please include the docket number, request number, and respondent name and title on the answers. If your response contains Trade Secret data, please include a public copy.

Request Number:	31
Topic:	2020 ROW costs
Reference(s):	n/a

## **Request:**

For the current year 2020, please provide (1) the total number of, and costs incurred for, right of way relocation projects incurred to date and (2) the estimated total number of, and costs for, right of way relocation projects projected for the remainder of the 2020 calendar year.

# MERC Response:

- (1) Right of way relocation projects completed to date: 86 projects with approximately \$7,702,699 for costs incurred. Note that there is a timing lag with respect to invoices being received, therefore there may be additional charges forthcoming from any remaining, outstanding invoices for these 86 projects. As of the date of this response, September 2020 month end has not been completed, therefore additional costs related to these projects may not yet be reflected through September.
- (2) Total estimated right of way completions for 2020: 111 projects with estimated costs of \$9,920,490. Remaining for 2020 are 25 projects.

Given the total estimated cost of \$9,920,490, and \$7,702,699 spent to-date, \$2,217,791 remains for these 25 projects. Please see MERC's response to (1) above, as the \$2,217,791 remaining may be reduced due to possible remaining, outstanding invoices attributable to the 86 completed projects.

To be completed by responder

Response Date:October 7, 2020Response by:Lindsay LyleEmail Address:lindsay.lyle@minnesotaenergyresources.comPhone Number:651-322-8909

Petition of Minnesota Energy Resources Corporation for Approval of the 2019 Gas Utility Infrastructure Cost (GUIC) Rider True-Up Report, 2021 GUIC Rider Revenue Requirements and Revised Surcharge Factors

Docket No. G011/M-20-405

# CERTIFICATE OF SERVICE

I, Colleen T. Sipiorski, hereby certify that on the 19th day of November, 2020, on behalf of Minnesota Energy Resources Corporation (MERC), I electronically filed a true and correct copy of the enclosed Reply Comments on <u>www.edockets.state.mn.us</u>. Said documents were also served via U.S. mail and electronic service as designated on the attached service list.

Dated this 19th day of November, 2020.

/s/ Colleen T. Sipiorski

Colleen T. Sipiorski

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Michael	Ahern	ahern.michael@dorsey.co m	Dorsey & Whitney, LLP	50 S 6th St Ste 1500 Minneapolis, MN 554021498	Electronic Service	No	OFF_SL_20-405_M-20-40
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.st ate.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_20-405_M-20-405
Sharon	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_20-405_M-20-405
Daryll	Fuentes	dfuentes@usg.com	USG Corporation	550 W Adams St Chicago, IL 60661	Electronic Service	No	OFF_SL_20-405_M-20-405
Joylyn C	Hoffman Malueg	Joylyn.hoffmanmalueg@we cenergygroup.com	Minnesota Energy Resources	2685 145th St W Rosemount, MN 55068	Electronic Service	Yes	OFF_SL_20-405_M-20-405
Brian	Meloy	brian.meloy@stinson.com	STINSON LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_20-405_M-20-405
Andrew	Moratzka	andrew.moratzka@stoel.co m	Stoel Rives LLP	33 South Sixth St Ste 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_20-405_M-20-405
Catherine	Phillips	Catherine.Phillips@wecene rgygroup.com	Minnesota Energy Resources	231 West Michigan St Milwaukee, WI 53203	Electronic Service	Yes	OFF_SL_20-405_M-20-405
Generic Notice	Residential Utilities Division	residential.utilities@ag.stat e.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_20-405_M-20-405
Elizabeth	Schmiesing	eschmiesing@winthrop.co m	Winthrop & Weinstine, P.A.	225 South Sixth Street Suite 3500 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_20-405_M-20-405

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_20-405_M-20-405
Colleen	Sipiorski	Colleen.Sipiorski@wecener gygroup.com	Minnesota Energy Resources Corporation	700 North Adams St Green Bay, WI 54307	Electronic Service	Yes	OFF_SL_20-405_M-20-405
Kristin	Stastny	kstastny@taftlaw.com	Taft Stettinius & Hollister LLP	2200 IDS Center 80 South 8th St Minneapolis, MN 55402	Electronic Service	Yes	OFF_SL_20-405_M-20-405
Eric	Swanson	eswanson@winthrop.com	Winthrop & Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_20-405_M-20-405
Mary	Wolter	mary.wolter@wecenergygr oup.com	Minnesota Energy Resources Corporation (HOLDING)	231 West Michigan St Milwaukee, WI 53203	Electronic Service	Yes	OFF_SL_20-405_M-20-405
Tina E	Wuyts	tina.wuyts@wecenergygrou p.com	Minnesota Energy Resources Corporation	PO Box 19001 700 N Adams St Green Bay, WI 54307-9001	Electronic Service	Yes	OFF_SL_20-405_M-20-405