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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
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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,¹ 2021 GUIC revenue requirement,² 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.³

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,

¹ 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.

² 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.

³ 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.⁴ The Department further recommends that this adjustment be reflected in future GUIC petition true-ups and forecasts.⁵ 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.⁶ 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

⁴ Department Comments at 16.

⁵ Department Comments at 16.

⁶ 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,"⁷ 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."⁸

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

⁷ Department Comments at 15.

⁸ *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.”⁹

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 under-spending 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.¹⁰

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.

⁹ MERC Petition at 34-35.

¹⁰ 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.¹¹ 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

¹¹ 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 48,¹² 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.¹³

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,¹⁴ with reported contractor invoiced costs being overstated by \$16,703.66 or 0.5 percent of total reported contractor invoiced costs.¹⁵ 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.

¹² 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.

¹³ 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.

¹⁴ 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.

¹⁵ \$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.

Table 1. Adjustments to Correct for Service Project Invoiced Costs

WR #	Adjustment amount (i.e. Difference between Initial Filed amount and Corrected Amount)	Reason for Discrepancy
2854592 ¹⁶	(\$2,765.28)	Cancelled invoice included
2880873	(\$402.84)	Cancelled invoice included
2884973 ¹⁷	(\$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 ¹⁸	(\$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 ADJUSTMENT TO 2019 PLANT	(\$16,703.66)	

¹⁶ Included in the Department's sample.

¹⁷ Included in the Department's sample.

¹⁸ Included in the Department's sample.

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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 2019.¹⁹

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.²⁰

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...
...TRADE 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.²¹ 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

¹⁹ See MERC's responses to Department Information Request Nos. 45 and 48, included with these Reply Comments as **Attachment E**.

²⁰ 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.

²¹ 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.”²²

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.²³

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. 47.²⁴ 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

²² 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).

²³ *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).

²⁴ 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.).”²⁵

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.²⁶ 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.²⁷

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

²⁵ Department Comments at 23, 25.

²⁶ 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.”).

²⁷ 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.²⁸ 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,

²⁸ 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-17-563.²⁹ 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 then-pending 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.³⁰

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

²⁹ *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).

³⁰ *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.³¹ 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. 31,³² 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 \$6,391,312.³³

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

³¹ Department Comments at 27.

³² Included as **Attachment F** to these Reply Comments.

³³ 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. 24,³⁴ 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.

³⁴ 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.

Table 2. Proposed 2021 GUIC Rider Surcharge Rates

Customer Class	Proposed GUIC Rider Surcharge	Average Annual Cost	Total \$	% of 2021 GUIC revenue 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 ³⁵	N/A	N/A	\$0	0%
Total			\$6,965,675	100%

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.³⁶

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

³⁵ Note that all other customer class surcharge rates exclude any direct connect customers within those rate classes.

³⁶ 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.³⁷

Table 3. Annual GUIC Rider Capital and O&M Expenditures

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

* 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.³⁸

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

³⁷ 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.

³⁸ 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.³⁹ 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.'"⁴⁰ 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.⁴¹ 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.⁴² 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.⁴³ MERC refers

³⁹ See Petition at Section II.D and Exhibit H.

⁴⁰ Department Comments at 29.

⁴¹ 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 through a GUIC rider, beginning in 2019.")

⁴² 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.

⁴³ 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 true-up 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.⁴⁴
- 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

⁴⁴ 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. 24.⁴⁵ 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.

⁴⁵ 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 \$18,600.⁴⁶

⁴⁶ 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.

Mr. Will Seuffert
November 19, 2020
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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,

A handwritten signature in dark ink, appearing to read "Joylyn C. Hoffman Malueg". The signature is fluid and cursive, with the first name "Joylyn" being the most prominent.

Joylyn Hoffman Malueg
Project Specialist 3
Minnesota Energy Resources Corporation

Enclosures
cc: Service List

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

**** MERC Reply Comment:**

Line	Description	Reference	Forecasted	Actual - Revised
			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 Proration 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)

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

				Plant In	Accumulated	Accumulated		DFIT Proration		Depreciation	
	Month	Construction Expenditures	CWIP Balance	Service	Depreciation	Deferred Tax	Rate Base	Adjust (N/A for	Adjusted Rate	Return of	O&M
				Balance, net				Actuals)	Base		
2018	Dec-18	-	-	-	-	-	-	-	-	-	-
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

Minnesota Energy Resources Corporation
GUIC 2019 True-up Revenue Requirement

Gas Mains Summary

Month	Net Plant In Service			Depr. Calculation			Accumulated Depreciation				
	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]	[I]	[J]	[K]
12/1/2018	\$ -	\$ -	\$ -				\$ -				
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
3/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
4/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
5/1/2019	\$ 272,878	\$ -	\$ 272,878	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 780		\$ 780
6/1/2019	\$ 828,599	\$ -	\$ 1,101,477	\$ 272,878	\$ -	\$ 409	\$ (409)	\$ -	\$ 34,735		\$ 35,106
7/1/2019	\$ 1,357,700	\$ 6,204	\$ 2,452,972	\$ 1,101,477	\$ -	\$ 1,652	\$ (1,652)	\$ 6,204	\$ 7,368		\$ 47,026
8/1/2019	\$ 376,969	\$ 145,678	\$ 2,684,263	\$ 2,452,972	\$ -	\$ 3,679	\$ (3,679)	\$ 145,678	\$ 2,215		\$ 191,239
9/1/2019	\$ 24,770	\$ 30,770	\$ 2,678,263	\$ 2,684,263	\$ -	\$ 4,026	\$ (4,026)	\$ 30,770	\$ 13,198		\$ 231,181
10/1/2019	\$ 1,750,830	\$ 77,045	\$ 4,352,049	\$ 2,678,263	\$ -	\$ 4,017	\$ (4,017)	\$ 77,045	\$ 7,763		\$ 311,971
11/1/2019	\$ 2,005,148	\$ 214,692	\$ 6,142,505	\$ 4,352,049	\$ -	\$ 6,528	\$ (6,528)	\$ 214,692	\$ 3,528		\$ 523,662
12/1/2019	\$ 948,158	\$ 283,863	\$ 6,806,800	\$ 6,142,505	\$ -	\$ 9,214	\$ (9,214)	\$ 283,863	\$ 1,928		\$ 800,239
	\$ 7,565,052	\$ 758,252				\$ 29,527	\$ (29,527)	\$ 758,252	\$ 71,514	\$ -	

Minnesota Energy Resources Corporation
GUIC 2019 True-up Revenue Requirement

Gas Mains Summary

Deferred Income Taxes									
Month	Tax Addition	Tax Depr.	Tax Gain/(Loss) on Retirements	Book/Tax Difference	Bonus Effect	NOL	Deferred Tax	End Bal	Rate Base
	[L]	[M]	[N]	[O]	[P]	[Q]	[R]	[S]	[T] = [C] + [K] + [S]
12/1/2018					0.0000%	0.0000%	-		
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5/1/2019	\$ 272,878	\$ (4,264)	\$ -	\$ (5,369)	\$ -	\$ -	\$ (1,539)	\$ (1,539)	\$ 272,119
6/1/2019	\$ 828,599	\$ (16,389)	\$ -	\$ (68,147)	\$ -	\$ -	\$ (19,534)	\$ (21,073)	\$ 1,115,509
7/1/2019	\$ 1,357,700	\$ (33,141)	\$ -	\$ (46,114)	\$ -	\$ -	\$ (13,218)	\$ (34,292)	\$ 2,465,706
8/1/2019	\$ 376,969	\$ (17,110)	\$ -	\$ (20,696)	\$ -	\$ -	\$ (5,932)	\$ (40,224)	\$ 2,835,278
9/1/2019	\$ 24,770	\$ (9,559)	\$ -	\$ (32,388)	\$ -	\$ -	\$ (9,284)	\$ (49,508)	\$ 2,859,937
10/1/2019	\$ 1,750,830	\$ (63,654)	\$ -	\$ (78,726)	\$ -	\$ -	\$ (22,566)	\$ (72,074)	\$ 4,591,946
11/1/2019	\$ 2,005,148	\$ (83,339)	\$ -	\$ (89,077)	\$ -	\$ -	\$ (25,534)	\$ (97,608)	\$ 6,568,560
12/1/2019	\$ 948,158	\$ (56,233)	\$ -	\$ (56,674)	\$ -	\$ -	\$ (16,245)	\$ (113,853)	\$ 7,493,187
	\$ 7,565,052	\$ (283,689)	\$ -	\$ (397,191)	\$ -	\$ -	\$ (113,853)		
				\$ 7,209,849			21.0000%		
				\$ 7,607,040			7.6646%		
				\$ (397,191)					

	2018 & Fwd
Federal Tax Rate	<u>0.21</u>
MN Tax Rate	<u>0.098</u>
MN Apportionment	<u>0.989671</u>
MI Tax Rate	<u>0.06</u>
MI Apportionment	<u>0.000542</u>

Minnesota Energy Resources Corporation
GUIC 2019 True-up Revenue Requirement

Gas Mains Summary

The proration on this tab is valid for forecasts only. For the proration true-up, please see
[ADIT Proration True-up'lk39](#)

Month	Book/Tax Differ	Bonus Effect	NOL	Deferred Tax	Deferred Tax	Deferred Tax	Federal	Proration	Federal	Federal	Monthly
	Balance	Balance	Balance	Federal	Federal NOL	State	Def Tax Activity	Adjusted Activity	13-Mo Ave DFIT	Prorated - 13mo	Prorated
				21.0000%	21.0000%	7.6646%		Factor * Activity	Activity	Ave DFIT	Balance
										Activity Differ	Adjustment
12/1/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			0		
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
3/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
4/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
5/1/2019	\$ (5,369)	\$ -	\$ -	\$ -	\$ (1,128)	\$ -	2019 \$ (1,127.58)	\$ (664.19)	\$ (86.74)	\$ (577.45)	\$ (577)
6/1/2019	\$ (73,516)	\$ -	\$ -	\$ -	\$ (15,438)	\$ -	2019 \$ (14,310.80)	\$ (7,253.41)	\$ (1,187.57)	\$ (6,065.85)	\$ (6,643)
7/1/2019	\$ (119,630)	\$ -	\$ -	\$ -	\$ (25,122)	\$ -	2019 \$ (9,684.00)	\$ (4,085.85)	\$ (1,932.49)	\$ (2,153.36)	\$ (8,797)
8/1/2019	\$ (140,326)	\$ -	\$ -	\$ -	\$ (29,468)	\$ -	2019 \$ (4,346.08)	\$ (1,464.57)	\$ (2,266.80)	\$ 802.24	\$ (7,994)
9/1/2019	\$ (172,714)	\$ -	\$ -	\$ -	\$ (36,270)	\$ -	2019 \$ (6,801.40)	\$ (1,732.96)	\$ (2,789.99)	\$ 1,057.03	\$ (6,937)
10/1/2019	\$ (251,439)	\$ -	\$ -	\$ -	\$ (52,802)	\$ -	2019 \$ (16,532.43)	\$ (2,808.25)	\$ (4,061.71)	\$ 1,253.47	\$ (5,684)
11/1/2019	\$ (340,517)	\$ -	\$ -	\$ -	\$ (71,509)	\$ -	2019 \$ (18,706.26)	\$ (1,640.00)	\$ (5,500.66)	\$ 3,860.66	\$ (1,823)
12/1/2019	\$ (397,191)	\$ -	\$ -	\$ -	\$ (83,410)	\$ -	2019 \$ (11,901.52)	\$ (32.61)	\$ (6,416.16)	\$ 6,383.55	\$ 4,560
				\$ (24,242.12)				\$ (19,681.85)	\$ (24,242.12)	\$ 4,560.28	
				^13-mo Ave Balance^			BOY FED ADIT	\$ -	\$ -		
							Prorated ADIT>	\$ (19,681.85)	\$ (24,242.12)	<13-Mo Ave ADIT	\$ 4,560.28

Minnesota Energy Resources Corporation
GUIC 2019 True-up Revenue Requirement

Gas services Summary

Month	Net Plant In Service			Depr. Calculation			Accumulated Depreciation				
	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]	[I]	[J]	[K]
12/1/2018	\$ -	\$ -	\$ -				\$ -				
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3/1/2019	\$ 7,801	\$ 1,256	\$ 6,545	\$ -	\$ -	\$ -	\$ -	\$ 1,256	\$ -	\$ -	\$ 1,256
4/1/2019	\$ 120,409	\$ 19,384	\$ 107,570	\$ 6,545	\$ -	\$ 13	\$ (13)	\$ 19,384	\$ -	\$ -	\$ 20,626
5/1/2019	\$ 1,109,701	\$ 178,641	\$ 1,038,631	\$ 107,570	\$ -	\$ 216	\$ (216)	\$ 178,641	\$ -	\$ -	\$ 199,051
6/1/2019	\$ 561,064	\$ 90,321	\$ 1,509,375	\$ 1,038,631	\$ -	\$ 2,086	\$ (2,086)	\$ 90,321	\$ -	\$ -	\$ 287,286
7/1/2019	\$ 318,923	\$ 51,341	\$ 1,776,957	\$ 1,509,375	\$ -	\$ 3,031	\$ (3,031)	\$ 51,341	\$ -	\$ -	\$ 335,595
8/1/2019	\$ 405,219	\$ 65,232	\$ 2,116,944	\$ 1,776,957	\$ -	\$ 3,569	\$ (3,569)	\$ 65,232	\$ -	\$ -	\$ 397,258
9/1/2019	\$ 466,369	\$ 75,077	\$ 2,508,236	\$ 2,116,944	\$ -	\$ 4,252	\$ (4,252)	\$ 75,077	\$ -	\$ -	\$ 468,083
10/1/2019	\$ 417,404	\$ 67,194	\$ 2,858,447	\$ 2,508,236	\$ -	\$ 5,037	\$ (5,037)	\$ 67,194	\$ -	\$ -	\$ 530,240
11/1/2019	\$ 155,040	\$ 24,958	\$ 2,988,528	\$ 2,858,447	\$ -	\$ 5,741	\$ (5,741)	\$ 24,958	\$ -	\$ -	\$ 549,458
12/1/2019	\$ 10,413	\$ 1,676	\$ 2,997,265	\$ 2,988,528	\$ -	\$ 6,002	\$ (6,002)	\$ 1,676	\$ -	\$ -	\$ 545,132
	\$ 3,572,344	\$ 575,079				\$ 29,947	\$ (29,947)	\$ 575,079	\$ -	\$ -	

Minnesota Energy Resources Corporation
GUIC 2019 True-up Revenue Requirement

Gas services Summary									
Deferred Income Taxes									
Month	Tax Addition	Tax Depr.	Tax Gain/(Loss) on Retirements	Book/Tax Difference	Bonus Effect	NOL	Deferred Tax	End Bal	Rate Base
	[L]	[M]	[N]	[O]	[P]	[Q]	[R]	[S]	[T] = [C] + [K] + [S]
12/1/2018					0.0000%	0.0000%	-		
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3/1/2019	\$ 7,801	\$ (73)	\$ -	\$ (73)	\$ -	\$ -	\$ (21)	\$ (21)	\$ 7,780
4/1/2019	\$ 120,409	\$ (1,530)	\$ -	\$ (1,517)	\$ -	\$ -	\$ (435)	\$ (456)	\$ 127,741
5/1/2019	\$ 1,109,701	\$ (17,739)	\$ -	\$ (17,523)	\$ -	\$ -	\$ (5,023)	\$ (5,479)	\$ 1,232,203
6/1/2019	\$ 561,064	\$ (14,389)	\$ -	\$ (12,303)	\$ -	\$ -	\$ (3,527)	\$ (9,005)	\$ 1,787,655
7/1/2019	\$ 318,923	\$ (12,598)	\$ -	\$ (9,567)	\$ -	\$ -	\$ (2,742)	\$ (11,747)	\$ 2,100,805
8/1/2019	\$ 405,219	\$ (16,749)	\$ -	\$ (13,180)	\$ -	\$ -	\$ (3,778)	\$ (15,526)	\$ 2,498,677
9/1/2019	\$ 466,369	\$ (21,001)	\$ -	\$ (16,749)	\$ -	\$ -	\$ (4,801)	\$ (20,327)	\$ 2,955,993
10/1/2019	\$ 417,405	\$ (22,386)	\$ -	\$ (17,349)	\$ -	\$ -	\$ (4,973)	\$ (25,300)	\$ 3,363,387
11/1/2019	\$ 155,040	\$ (15,976)	\$ -	\$ (10,235)	\$ -	\$ -	\$ (2,934)	\$ (28,234)	\$ 3,509,753
12/1/2019	\$ 10,413	\$ (11,522)	\$ -	\$ (5,520)	\$ -	\$ -	\$ (1,582)	\$ (29,816)	\$ 3,512,581
	\$ 3,572,344	\$ (133,963)	\$ -	\$ (104,016)	\$ -	\$ -	\$ (29,816)		
				\$ 3,438,381			21.0000%		
				\$ 3,542,397			7.6646%		
				\$ (104,016)					

	2018 & Fwd
Federal Tax Rate	<u>0.21</u>
MN Tax Rate	<u>0.098</u>
MN Apportionment	<u>0.989671</u>
MI Tax Rate	<u>0.06</u>
MI Apportionment	<u>0.000542</u>

Minnesota Energy Resources Corporation
GUIC 2019 True-up Revenue Requirement

Gas services Summary

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

[ADIT Proration True-up'lk39](#)

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

Minnesota Energy Resources Corporation
GUIC 2019 True-up Revenue Requirement

Gas stations Summary									
Deferred Income Taxes									
Month	Tax Addition	Tax Depr.	Tax Gain/(Loss) on Retirements	Book/Tax Difference	Bonus Effect	NOL	Deferred Tax	End Bal	Rate Base
	[L]	[M]	[N]	[O]	[P]	[Q]	[R]	[S]	[T] = [C] + [K] + [S]
12/1/2018					0.0000%	0.0000%	-		
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -			21.0000%		
				\$ -			7.6646%		
				\$ -					

	2018 & Fwd
Federal Tax Rate	<u>0.21</u>
MN Tax Rate	<u>0.098</u>
MN Apportionment	<u>0.989671</u>
MI Tax Rate	<u>0.06</u>
MI Apportionment	<u>0.000542</u>

Minnesota Energy Resources Corporation
GUIC 2019 True-up Revenue Requirement

Gas stations Summary

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

[ADIT Proration True-up'lk39](#)

Month	Book/Tax Differ	Bonus Effect	NOL	Deferred Tax	Deferred Tax	Deferred Tax	Federal	Proration	Federal	Federal	Monthly
	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	Prorated - 13mo Ave DFIT Activity Differ	Prorated Balance
12/1/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			0		
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
3/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
4/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
5/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
6/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
7/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
8/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
9/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
10/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
11/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
12/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2019 \$ -	\$ -	\$ -	\$ -	\$ -
				\$ -				\$ -	\$ -	\$ -	
				^13-mo Ave Balance^			BOY FED ADIT	\$ -	\$ -	\$ -	
							Prorated ADIT>	\$ -	\$ -	<13-Mo Ave ADIT	\$ -

ADIT Proration Adjustment										
	GUIC Roads	GUIC DIMP	Total	Mains	Services	Stations	Total	Difference		
	Forecasted Month End Federal ADIT	Forecasted Month End Federal ADIT	Forecasted Month End Federal ADIT	Actual Month End Federal ADIT	Actual Month End Federal ADIT	Actual Month End Federal ADIT	Actual Month End Federal ADIT	Actual - Forecated Month End Federal ADIT		
12/31/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1/31/2019	\$ (2,619)	\$ (3,232)	\$ (5,851)	\$ -	\$ -	\$ -	\$ -	\$ 5,851		
2/28/2019	\$ (5,238)	\$ (6,464)	\$ (11,702)	\$ -	\$ -	\$ -	\$ -	\$ 11,702		
3/31/2019	\$ (7,857)	\$ (9,696)	\$ (17,553)	\$ -	\$ -	\$ (15)	\$ (15)	\$ 17,538		
4/30/2019	\$ (10,476)	\$ (12,928)	\$ (23,404)	\$ -	\$ (334)	\$ -	\$ (334)	\$ 23,070		
5/31/2019	\$ (13,095)	\$ (16,160)	\$ (29,255)	\$ (1,128)	\$ (4,014)	\$ -	\$ (5,141)	\$ 24,114		
6/30/2019	\$ (15,714)	\$ (19,392)	\$ (35,106)	\$ (15,438)	\$ (6,597)	\$ -	\$ (22,036)	\$ 13,070		
7/31/2019	\$ (18,333)	\$ (22,624)	\$ (40,957)	\$ (25,122)	\$ (8,606)	\$ -	\$ (33,729)	\$ 7,228		
8/31/2019	\$ (20,952)	\$ (25,856)	\$ (46,808)	\$ (29,468)	\$ (11,374)	\$ -	\$ (40,843)	\$ 5,965		
9/30/2019	\$ (23,571)	\$ (29,088)	\$ (52,659)	\$ (36,270)	\$ (14,892)	\$ -	\$ (51,161)	\$ 1,498		
10/31/2019	\$ (26,190)	\$ (32,320)	\$ (58,510)	\$ (52,802)	\$ (18,535)	\$ -	\$ (71,337)	\$ (12,827)		
11/30/2019	\$ (28,809)	\$ (35,552)	\$ (64,361)	\$ (71,509)	\$ (20,684)	\$ -	\$ (92,193)	\$ (27,832)		
12/31/2019	\$ (31,426)	\$ (38,786)	\$ (70,212)	\$ (83,410)	\$ (21,843)	\$ -	\$ (105,253)	\$ (35,041)		
13-Mo Ave	\$ (15,714)	\$ (19,392)	\$ (35,106)	\$ (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	\$ (14,559)	\$ (17,966)	\$ (32,525)					\$ 5,222	Proration-Total in Filing	
True-up Adjust			\$ 2,641							
Def Tax in Rate Base-Final			\$ (29,884)	<<< Same Answer >>>			\$ (29,884)			

MERC
GUIC Tracker
2019

Month	Billed Revenue				Revenue Requirement **	Cumulative Tracker Balance
	Residential	Commercial/Industrial (Firm and Interruptible)	Transportation	Total		
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.

Revenue Requirement on GUIC projects

				** MERC Reply Comments **		
Line	Description	Reference	Actual Revised	Forecasted	Forecasted - Revised	
			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, including 2019 True-up				6,965,675	
17						
18	Total Therms	(2019 WN Actuals)			871,608,976	
19						
20						
21				Residential	\$	0.02276 \$ 20
22				Class 1-2 Firm (Sales and Transport)	\$	0.01137 \$ 57
23				Class 1-2 Interruptible (Sales and Transport), Class 1-2 Ag Grain Dryer, and Class 1 Electric Gen	\$	0.01137 \$ 585
24				Class 3-4 Firm (Sales and Transport)	\$	0.00493 \$ 904
25				Class 3-4 Interruptible (Sales and Transport) and Class 3 Ag Grain Dryer	\$	0.00493 \$ 3,341
26				Class 5, FLEX, Transport for Resale, and Class 2 Electric Gen	\$	0.00175 \$ 9,486
27				Direct Connect	\$	- \$ -

Assumptions

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

2021 GUIC RIDER RATE DESIGN

2021 GUIC Revenue Requirement \$ 6,965,675

		Rate Case Apportionment 1												Option 1				Option 2												
		Therm Sales (2019 WN Actual)		Customer Count		Revenue Apportionment		Initial Apportionment		Rate/Therm		\$/Customer		Redistribute		Apportionment		\$/Customer		Redistribute		Apportionment		Rate/Therm		\$/Customer				
Residential	Firm Sales	191,313,373	218,327	62.5%	\$	4,353,547	\$	0.02276	\$	19.94	\$	237,732	\$	4,591,279	\$	21.03	\$	2,712,841	\$	0.01418	\$	12.43	\$	1,734,036	\$	0.01418	\$	73.76		
		122,286,677	23,508	23.5%	\$	1,636,934	\$	0.01339	\$	69.63	\$	89,387	\$	1,726,321	\$	73.44	\$	1,734,036	\$	0.01418	\$	73.76								
		40,490,539	527	3.5%	\$	243,799	\$	0.00602	\$	462.62	\$	13,313	\$	257,112	\$	487.88	\$	574,160	\$	0.01418	\$	1,089.49								
		122,436,407	200		\$	173,036	\$	0.00141	\$	3,166.22	\$	9,449	\$	182,485	\$	912.43	\$	1,736,159	\$	0.01418	\$	8,680.80								
		147,514,622	23	10.5%	\$	208,479	\$	0.00141	\$	3,166.22	\$	-	\$	208,479	\$	9,064.29	\$	-	\$	208,479	\$	0.00141	\$	9,064.29						
Class 5, FLEX, Trans for Resale		247,567,358	8		\$	349,881	\$	0.00141	\$	-	\$	(349,881)	\$	-	\$	-	\$	(349,881)	\$	-	\$	-	\$	-	\$	-	\$	-		
Direct Connect		n/a	n/a		\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a		
Michigan Mines		n/a	n/a		\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a		
		871,608,976	242,593		\$	6,965,675	\$		\$	-	\$	-	\$	6,965,675	\$		\$	(349,881)	\$	6,965,675	\$		\$	-	\$	6,965,675	\$		\$	-

		Rate Case Apportionment 2												Option 3				Option 4												
		Therm Sales (2019 WN Actual)		Customer Count		Revenue Apportionment		Initial Apportionment		Rate/Therm		\$/Customer		Redistribute		Apportionment		\$/Customer		Redistribute		Apportionment		Rate/Therm		\$/Customer				
Residential	Firm Sales	191,313,373	218,327	62.5%	\$	4,353,547	\$	0.02276	\$	19.94	\$	237,732	\$	4,591,279	\$	21.03	\$	2,712,841	\$	0.01418	\$	12.43	\$	1,734,036	\$	0.01418	\$	73.76		
		122,286,677	23,508	23.5%	\$	1,636,934	\$	0.01339	\$	69.63	\$	89,387	\$	1,726,321	\$	73.44	\$	1,734,036	\$	0.01418	\$	73.76								
		40,490,539	527	3.5%	\$	243,799	\$	0.00602	\$	462.62	\$	13,313	\$	257,112	\$	487.88	\$	574,160	\$	0.01418	\$	1,089.49								
		122,436,407	200		\$	173,036	\$	0.00141	\$	3,166.22	\$	9,449	\$	182,485	\$	912.43	\$	1,736,159	\$	0.01418	\$	8,680.80								
		147,514,622	23	10.5%	\$	208,479	\$	0.00141	\$	3,166.22	\$	-	\$	208,479	\$	9,064.29	\$	-	\$	208,479	\$	0.00141	\$	9,064.29						
Class 5, FLEX, Trans for Resale		247,567,358	8		\$	349,881	\$	0.00141	\$	-	\$	(349,881)	\$	-	\$	-	\$	(349,881)	\$	-	\$	-	\$	-	\$	-	\$	-		
Direct Connect		n/a	n/a		\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a		
Michigan Mines		n/a	n/a		\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a	\$	n/a		
		871,608,976	242,593		\$	6,965,675	\$		\$	-	\$	(432,657)	\$	6,965,675	\$	6,965,675	\$	(432,657)	\$	6,965,675	\$		\$	(432,657)	\$	6,965,675	\$		\$	-

		Rate Case Apportionment 2												Option 3								Option 4																								
		Therm Sales (2019 WN Actual)			Revenue Apportionment	Initial Apportionment	Rate/Therm	\$/Customer		Redistribute	Apportionment	\$/Customer			Redistribute	Apportionment	Rate/Therm	\$/Customer			Redistribute	Apportionment	Rate/Therm	\$/Customer			Redistribute	Apportionment	Rate/Therm	\$/Customer			Redistribute	Apportionment	Rate/Therm	\$/Customer										
Residential Class 1-2 Firm (Sales and Transport)		191,313,373	218,327	62.5%		\$ 4,353,547	\$ 0.02276	19.94					19.94			\$ 4,353,547	\$ 0.02276	19.94											\$ 4,353,547	\$ 0.02276	19.94															
		117,522,457	23,482	23.5%		\$ 1,573,160	\$ 0.01339	66.99					66.99			\$ 1,573,160	\$ 0.01339	66.99											\$ 1,336,822	\$ 0.01137	56.99															
		4,764,220	26			\$ 63,774	\$ 0.01339	2,452.85					2,452.85			\$ 63,774	\$ 0.01339	2,452.85											\$ 23,504	\$ 0.00493	904.01															
		26,404,942	513			\$ 46,146	\$ 0.00175	89.95					89.95			\$ 113,619	\$ 0.00175	89.95												\$ 300,312	\$ 0.01137	585.40														
		142,912,053	211	14.0%		\$ 249,758	\$ 0.00175	1,183.69					1,183.69			\$ 614,942	\$ 0.00175	1,183.69												\$ 705,056	\$ 0.00493	3,341.50														
Class 5, FLEX, Transport for Resale, and Class 2 Electric Gen Direct Connect		141,124,573	26			\$ 246,634	\$ 0.00175	9,485.92					9,485.92			\$ 246,634	\$ 0.00175	9,485.92											\$ 246,634	\$ 0.00175	9,485.92															
		247,567,358	8			\$ 432,657	\$ 0.00175	54,082.09					(432,657)			\$ -	\$ -													(432,657)	\$ -	\$ -														
		n/a	n/a			n/a	n/a	n/a					n/a			n/a	n/a													n/a	n/a															
Michigan Mines		871,608,976	242,593			\$ 6,965,675							(432,657)			\$ 6,965,675	\$ 6,965,675												(432,657)	n/a																

Customer Class	Proposed GUIC Rider Surcharge	Average 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	\$ 300,312	4.3%
Class 3-4 Firm (Sales and Transport), including Farm Tap	\$ 0.00493	\$ 904.01	\$ 23,504	0.3%
Class 3-4 Interruptible (Sales and Transport) and Class 3-4 Ag Grain Dryer	\$ 0.00493	\$ 3,341.50	\$ 705,056	10.1%
Class 5 (including Farm Tap), FLEX, Transport for Resale, and Class 2 Power Gen	\$ 0.00175	\$ 9,485.92	\$ 246,634	3.5%
Direct Connect	\$ -	\$ -	\$ -	0.0%
Total			\$ 6,965,675	100%

GUIC Rider
Total Mains, Services, Stations
Revenue Requirement

		Construction Expenditures		Plant in	Accumulated	Accumulated		ADIT Proration	Adjusted Rate	Depreciation	
	Month	Placed in Service ¹	CWIP Balance	Service Balance, net	Depreciation, net	Deferred Tax	Rate Base	Adjustment	Base	Return of	O&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

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

Minnesota Energy Resources Corporation
GUIC Revenue Requirement

Gas Mains Summary											
Month	Net Plant In Service			Depr. Calculation			Accumulated Depreciation				
	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]	[I]	[J]	[K]
12/1/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5/1/2019	\$ 272,878	\$ -	\$ 272,878	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 780	\$ -	\$ 780
6/1/2019	\$ 828,599	\$ -	\$ 1,101,477	\$ 272,878	\$ -	\$ 409	\$ (409)	\$ -	\$ 34,735	\$ -	\$ 35,106
7/1/2019	\$ 1,357,700	\$ 6,204	\$ 2,452,972	\$ 1,101,477	\$ -	\$ 1,652	\$ (1,652)	\$ 6,204	\$ 7,368	\$ -	\$ 47,026
8/1/2019	\$ 376,969	\$ 145,678	\$ 2,684,263	\$ 2,452,972	\$ -	\$ 3,679	\$ (3,679)	\$ 145,678	\$ 2,215	\$ -	\$ 191,239
9/1/2019	\$ 24,770	\$ 30,770	\$ 2,678,263	\$ 2,684,263	\$ -	\$ 4,026	\$ (4,026)	\$ 30,770	\$ 13,198	\$ -	\$ 231,181
10/1/2019	\$ 1,750,830	\$ 77,045	\$ 4,352,049	\$ 2,678,263	\$ -	\$ 4,017	\$ (4,017)	\$ 77,045	\$ 7,763	\$ -	\$ 311,971
11/1/2019	\$ 2,005,148	\$ 214,692	\$ 6,142,505	\$ 4,352,049	\$ -	\$ 6,528	\$ (6,528)	\$ 214,692	\$ 3,528	\$ -	\$ 523,662
12/1/2019	\$ 948,158	\$ 283,863	\$ 6,806,800	\$ 6,142,505	\$ -	\$ 9,214	\$ (9,214)	\$ 283,863	\$ 1,928	\$ -	\$ 800,239
	\$ 7,565,052	\$ 758,252				\$ 29,527	\$ (29,527)	\$ 758,252	\$ 71,514	\$ -	
1/1/2020	\$ 140,236	\$ -	\$ 140,236	\$ -	\$ -	\$ 10,210	\$ (10,210)	\$ -	\$ -	\$ -	\$ (10,210)
2/1/2020	\$ 217	\$ -	\$ 140,453	\$ 140,236	\$ -	\$ 10,421	\$ (10,421)	\$ -	\$ -	\$ -	\$ (20,631)
3/1/2020	\$ 868	\$ -	\$ 141,321	\$ 140,453	\$ -	\$ 10,421	\$ (10,421)	\$ -	\$ -	\$ -	\$ (31,052)
4/1/2020	\$ 151,905	\$ -	\$ 293,226	\$ 141,321	\$ -	\$ 10,422	\$ (10,422)	\$ -	\$ -	\$ -	\$ (41,474)
5/1/2020	\$ 332,562	\$ -	\$ 625,788	\$ 293,226	\$ -	\$ 10,650	\$ (10,650)	\$ -	\$ -	\$ -	\$ (52,124)
6/1/2020	\$ 701,365	\$ -	\$ 1,327,153	\$ 625,788	\$ -	\$ 11,149	\$ (11,149)	\$ -	\$ -	\$ -	\$ (63,273)
7/1/2020	\$ 1,017,543	\$ -	\$ 2,344,696	\$ 1,327,153	\$ -	\$ 12,201	\$ (12,201)	\$ -	\$ -	\$ -	\$ (75,474)
8/1/2020	\$ 1,185,615	\$ -	\$ 3,530,311	\$ 2,344,696	\$ -	\$ 13,727	\$ (13,727)	\$ -	\$ -	\$ -	\$ (89,201)
9/1/2020	\$ 1,314,300	\$ -	\$ 4,844,611	\$ 3,530,311	\$ -	\$ 15,506	\$ (15,506)	\$ -	\$ -	\$ -	\$ (104,707)
10/1/2020	\$ 1,366,815	\$ -	\$ 6,211,426	\$ 4,844,611	\$ -	\$ 17,477	\$ (17,477)	\$ -	\$ -	\$ -	\$ (122,184)
11/1/2020	\$ 1,426,384	\$ -	\$ 7,637,810	\$ 6,211,426	\$ -	\$ 19,527	\$ (19,527)	\$ -	\$ -	\$ -	\$ (141,711)
12/1/2020	\$ 1,448,518	\$ -	\$ 9,086,328	\$ 7,637,810	\$ -	\$ 21,667	\$ (21,667)	\$ -	\$ -	\$ -	\$ (163,378)
	\$ 9,086,328	\$ -				\$ 163,378	\$ (163,378)	\$ -	\$ -	\$ -	
1/1/2021	\$ 86	\$ -	\$ 86	\$ -	\$ -	\$ 23,840	\$ (23,840)	\$ -	\$ -	\$ -	\$ (23,840)
2/1/2021	\$ 173	\$ -	\$ 259	\$ 86	\$ -	\$ 23,840	\$ (23,840)	\$ -	\$ -	\$ -	\$ (47,680)
3/1/2021	\$ 690	\$ -	\$ 949	\$ 259	\$ -	\$ 23,840	\$ (23,840)	\$ -	\$ -	\$ -	\$ (71,520)
4/1/2021	\$ 120,836	\$ -	\$ 121,785	\$ 949	\$ -	\$ 23,841	\$ (23,841)	\$ -	\$ -	\$ -	\$ (95,361)
5/1/2021	\$ 264,544	\$ -	\$ 386,329	\$ 121,785	\$ -	\$ 24,022	\$ (24,022)	\$ -	\$ 780	\$ -	\$ (118,603)
6/1/2021	\$ 557,916	\$ -	\$ 944,245	\$ 386,329	\$ -	\$ 24,419	\$ (24,419)	\$ -	\$ 34,735	\$ -	\$ (108,287)
7/1/2021	\$ 809,427	\$ 6,204	\$ 1,747,468	\$ 944,245	\$ -	\$ 25,256	\$ (25,256)	\$ 6,204	\$ 7,368	\$ -	\$ (119,971)
8/1/2021	\$ 943,123	\$ 145,678	\$ 2,544,913	\$ 1,747,468	\$ -	\$ 26,461	\$ (26,461)	\$ 145,678	\$ 2,215	\$ -	\$ 1,461
9/1/2021	\$ 1,045,488	\$ 30,770	\$ 3,559,632	\$ 2,544,913	\$ -	\$ 27,657	\$ (27,657)	\$ 30,770	\$ 13,198	\$ -	\$ 17,772
10/1/2021	\$ 1,087,263	\$ 77,045	\$ 4,569,850	\$ 3,559,632	\$ -	\$ 29,179	\$ (29,179)	\$ 77,045	\$ 7,763	\$ -	\$ 73,400
11/1/2021	\$ 1,134,648	\$ 214,692	\$ 5,489,806	\$ 4,569,850	\$ -	\$ 30,694	\$ (30,694)	\$ 214,692	\$ 3,528	\$ -	\$ 260,925
12/1/2021	\$ 1,152,255	\$ 283,863	\$ 6,358,199	\$ 5,489,806	\$ -	\$ 32,074	\$ (32,074)	\$ 283,863	\$ 1,928	\$ -	\$ 514,642
	\$ 7,116,451	\$ 758,252				\$ 315,124	\$ (315,124)	\$ 758,252	\$ 71,514	\$ -	

Minnesota Energy Resources Corporation
GUIC Revenue Requirement

Gas Mains Summary

Deferred Income Taxes								
Month	Tax Addition	Tax Depr.	Tax Gain/(Loss) on Retirements	Book/Tax Difference	Bonus Effect	NOL	Deferred Tax	End Bal
					0.0000%	0.0000%	-	
	[L]	[M]	[N]	[O]	[P]	[Q]	[R]	[S]
12/1/2018								
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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)	\$ -	\$ (397,191)	\$ -	\$ -	\$ (113,853)	
				\$ 7,208,849			21.0000%	
				\$ 7,607,040			7.6646%	
				\$ (397,191)				
					0.0000%	0.0000%		
					[P]	[Q]		
1/1/2020	\$ 140,236	\$ (45,948)	\$ -	\$ (35,738)	\$ -	\$ -	\$ (10,244)	\$ (113,853)
2/1/2020	\$ 217	\$ (45,950)	\$ -	\$ (35,529)	\$ -	\$ -	\$ (10,184)	\$ (124,097)
3/1/2020	\$ 868	\$ (45,957)	\$ -	\$ (35,536)	\$ -	\$ -	\$ (10,186)	\$ (134,282)
4/1/2020	\$ 151,905	\$ (47,850)	\$ -	\$ (37,428)	\$ -	\$ -	\$ (10,729)	\$ (144,468)
5/1/2020	\$ 332,562	\$ (51,623)	\$ -	\$ (40,973)	\$ -	\$ -	\$ (11,745)	\$ (155,196)
6/1/2020	\$ 701,365	\$ (60,617)	\$ -	\$ (49,468)	\$ -	\$ -	\$ (14,180)	\$ (166,941)
7/1/2020	\$ 1,017,543	\$ (71,916)	\$ -	\$ (59,715)	\$ -	\$ -	\$ (17,117)	\$ (181,121)
8/1/2020	\$ 1,185,615	\$ (82,478)	\$ -	\$ (68,751)	\$ -	\$ -	\$ (19,707)	\$ (198,238)
9/1/2020	\$ 1,314,300	\$ (93,507)	\$ -	\$ (78,001)	\$ -	\$ -	\$ (22,359)	\$ (217,945)
10/1/2020	\$ 1,366,815	\$ (103,362)	\$ -	\$ (85,885)	\$ -	\$ -	\$ (24,619)	\$ (240,304)
11/1/2020	\$ 1,426,384	\$ (113,953)	\$ -	\$ (94,426)	\$ -	\$ -	\$ (27,067)	\$ (264,923)
12/1/2020	\$ 1,448,518	\$ (123,697)	\$ -	\$ (102,030)	\$ -	\$ -	\$ (29,247)	\$ (291,989)
	\$ 9,086,328	\$ (886,858)	\$ -	\$ (723,480)	\$ -	\$ -	\$ (207,383)	\$ (321,236)
				\$ 8,199,470			21.0000%	
				\$ 8,922,950			7.6646%	
				\$ (723,480)				
					0.0000%	0.0000%		
					[P]	[Q]		
1/1/2021	\$ 86	\$ (96,755)	\$ -	\$ (72,915)	\$ -	\$ -	\$ (20,901)	\$ (321,236)
2/1/2021	\$ 173	\$ (96,757)	\$ -	\$ (72,917)	\$ -	\$ -	\$ (20,901)	\$ (342,137)
3/1/2021	\$ 690	\$ (96,763)	\$ -	\$ (72,923)	\$ -	\$ -	\$ (20,903)	\$ (363,038)
4/1/2021	\$ 120,836	\$ (98,267)	\$ -	\$ (74,426)	\$ -	\$ -	\$ (21,334)	\$ (383,941)
5/1/2021	\$ 264,544	\$ (101,269)	\$ -	\$ (78,352)	\$ -	\$ -	\$ (22,459)	\$ (405,275)
6/1/2021	\$ 557,916	\$ (108,424)	\$ -	\$ (136,172)	\$ -	\$ -	\$ (39,033)	\$ (427,734)
7/1/2021	\$ 809,427	\$ (117,412)	\$ -	\$ (106,781)	\$ -	\$ -	\$ (30,608)	\$ (466,767)
8/1/2021	\$ 943,123	\$ (125,814)	\$ -	\$ (106,618)	\$ -	\$ -	\$ (30,562)	\$ (497,376)
9/1/2021	\$ 1,045,488	\$ (134,587)	\$ -	\$ (133,785)	\$ -	\$ -	\$ (38,349)	\$ (527,938)
10/1/2021	\$ 1,087,263	\$ (142,425)	\$ -	\$ (132,335)	\$ -	\$ -	\$ (37,933)	\$ (566,287)
11/1/2021	\$ 1,134,648	\$ (150,851)	\$ -	\$ (132,423)	\$ -	\$ -	\$ (37,959)	\$ (604,220)
12/1/2021	\$ 1,152,255	\$ (158,604)	\$ -	\$ (136,184)	\$ -	\$ -	\$ (39,037)	\$ (642,178)
	\$ 7,116,451	\$ (1,427,928)	\$ -	\$ (1,255,832)	\$ -	\$ -	\$ (359,979)	\$ (681,215)
				\$ 5,617,008			21.0000%	
				\$ 6,872,841			7.6646%	
				\$ (1,255,832)				

	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

Minnesota Energy Resources Corporation
GUIC Revenue Requirement

Gas Mains Summary

Month	Book/Tax Differ	Bonus Effect	NOL	Deferred Tax	Deferred Tax	Deferred Tax	Federal	Proration	Federal	Federal	Monthly Prorated Balance
	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	Adjustment
12/1/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	\$ -
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	\$ -
3/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	\$ -
4/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	\$ -
5/1/2019	\$ (5,369)	\$ -	\$ -	\$ (1,128)	\$ -	\$ (412)	(1,128)	(664)	(87)	(577)	\$ (577)
6/1/2019	\$ (73,516)	\$ -	\$ -	\$ (15,438)	\$ -	\$ (5,635)	(5,635)	(7,253)	(1,188)	(6,066)	\$ (6,643)
7/1/2019	\$ (119,630)	\$ -	\$ -	\$ (25,122)	\$ -	\$ (9,169)	(9,169)	(9,684)	(1,932)	(2,153)	\$ (8,797)
8/1/2019	\$ (140,326)	\$ -	\$ -	\$ (29,468)	\$ -	\$ (10,755)	(10,755)	(1,465)	(2,267)	802	\$ (7,994)
9/1/2019	\$ (172,714)	\$ -	\$ -	\$ (36,270)	\$ -	\$ (13,238)	(13,238)	(1,733)	(2,790)	1,057	\$ (6,937)
10/1/2019	\$ (251,439)	\$ -	\$ -	\$ (52,802)	\$ -	\$ (19,272)	(19,272)	(2,808)	(4,062)	1,253	\$ (5,684)
11/1/2019	\$ (340,517)	\$ -	\$ -	\$ (71,509)	\$ -	\$ (26,099)	(26,099)	(1,640)	(5,501)	3,861	\$ (1,823)
12/1/2019	\$ (397,191)	\$ -	\$ -	\$ (83,410)	\$ -	\$ (30,443)	(30,443)	(11,902)	(33)	(6,416)	\$ 4,560
\$	(397,191)			\$ (24,242.12)				(19,682)	(24,242)	4,560	
				^13-mo Ave Balance^			BOY FED ADIT				
				21.0000%	21.0000%	7.6646%	Prorated ADIT>	(19,682)	(24,242)	<13-Mo Ave ADIT	\$ 4,560.28
1/1/2020	\$ (397,191)	\$ -	\$ -	\$ (83,410)	\$ -	\$ (30,443)	2020	(7,505)	(6,890)	(577)	\$ (6,312)
2/1/2020	\$ (432,929)	\$ -	\$ -	\$ (90,915)	\$ -	\$ (33,182)	2020	(7,461)	(6,258)	(1,151)	\$ (11,420)
3/1/2020	\$ (468,458)	\$ -	\$ -	\$ (98,376)	\$ -	\$ (35,905)	2020	(7,463)	(5,628)	(1,725)	\$ (15,322)
4/1/2020	\$ (503,994)	\$ -	\$ -	\$ (105,839)	\$ -	\$ (38,629)	2020	(7,860)	(5,283)	(2,330)	\$ (18,275)
5/1/2020	\$ (541,422)	\$ -	\$ -	\$ (113,699)	\$ -	\$ (41,498)	2020	(8,604)	(5,054)	(2,992)	\$ (20,338)
6/1/2020	\$ (582,395)	\$ -	\$ -	\$ (122,303)	\$ -	\$ (44,638)	2020	(10,388)	(5,251)	(3,791)	\$ (21,798)
7/1/2020	\$ (631,863)	\$ -	\$ -	\$ (132,691)	\$ -	\$ (48,430)	2020	(12,540)	(5,276)	(4,755)	\$ (22,319)
8/1/2020	\$ (691,578)	\$ -	\$ -	\$ (145,231)	\$ -	\$ (53,007)	2020	(14,438)	(4,852)	(5,866)	\$ (21,305)
9/1/2020	\$ (760,329)	\$ -	\$ -	\$ (159,669)	\$ -	\$ (58,276)	2020	(16,380)	(4,162)	(7,126)	\$ (18,341)
10/1/2020	\$ (838,330)	\$ -	\$ -	\$ (176,049)	\$ -	\$ (64,255)	2020	(18,036)	(3,055)	(8,513)	\$ (12,882)
11/1/2020	\$ (924,215)	\$ -	\$ -	\$ (194,085)	\$ -	\$ (70,837)	2020	(19,829)	(1,734)	(10,039)	\$ (4,577)
12/1/2020	\$ (1,018,641)	\$ -	\$ -	\$ (213,915)	\$ -	\$ (78,075)	2020	(21,426)	(59)	(11,687)	\$ 7,051
\$	(1,120,671)			\$ (143,963.33)				(53,502)	(60,553)	7,051	
				^13-mo Ave Balance^			BOY FED ADIT	(83,410)	(83,410)		
				21.0000%	21.0000%	7.6646%	Prorated ADIT>	(136,912)	(143,963)	<13-Mo Ave ADIT	\$ 7,051.15
1/1/2021	\$ (1,120,671)	\$ -	\$ -	\$ (235,341)	\$ -	\$ (85,895)	2021	(15,312)	(14,015)	(1,178)	\$ (12,837)
2/1/2021	\$ (1,193,586)	\$ -	\$ -	\$ (250,653)	\$ -	\$ (91,484)	2021	(15,313)	(12,844)	(2,356)	\$ (23,326)
3/1/2021	\$ (1,266,503)	\$ -	\$ -	\$ (265,966)	\$ -	\$ (97,072)	2021	(15,314)	(11,548)	(3,534)	\$ (31,340)
4/1/2021	\$ (1,339,426)	\$ -	\$ -	\$ (281,280)	\$ -	\$ (102,662)	2021	(15,629)	(10,505)	(4,736)	\$ (37,109)
5/1/2021	\$ (1,413,852)	\$ -	\$ -	\$ (296,909)	\$ -	\$ (108,366)	2021	(16,454)	(9,666)	(6,002)	\$ (40,773)
6/1/2021	\$ (1,492,204)	\$ -	\$ -	\$ (313,363)	\$ -	\$ (114,372)	2021	(28,596)	(14,454)	(8,201)	\$ (47,026)
7/1/2021	\$ (1,628,376)	\$ -	\$ -	\$ (341,959)	\$ -	\$ (124,809)	2021	(22,390)	(9,435)	(9,926)	\$ (46,535)
8/1/2021	\$ (1,735,157)	\$ -	\$ -	\$ (364,383)	\$ -	\$ (132,993)	2021	(22,424)	(7,524)	(11,649)	\$ (42,411)
9/1/2021	\$ (1,841,776)	\$ -	\$ -	\$ (386,773)	\$ -	\$ (141,165)	2021	(28,095)	(7,139)	(13,810)	\$ (35,740)
10/1/2021	\$ (1,975,561)	\$ -	\$ -	\$ (414,868)	\$ -	\$ (151,419)	2021	(27,790)	(4,708)	(15,947)	\$ (24,500)
11/1/2021	\$ (2,107,896)	\$ -	\$ -	\$ (442,658)	\$ -	\$ (161,562)	2021	(27,809)	(2,431)	(18,087)	\$ (8,845)
12/1/2021	\$ (2,240,319)	\$ -	\$ -	\$ (470,467)	\$ -	\$ (171,712)	2021	(28,599)	(78)	(20,287)	\$ 11,364
\$	(2,376,503)			\$ (351,052.62)				(104,348)	(115,712)	11,364	
				^13-mo Ave Balance^			BOY FED ADIT	(235,341)	(235,341)		
				21.0000%	21.0000%	7.6646%	Prorated ADIT>	(339,689)	(351,053)	<13-Mo Ave ADIT	\$ 11,363.54

Minnesota Energy Resources Corporation
GUIC Revenue Requirement

Gas Services Summary											
Month	Net Plant In Service			Depr. Calculation			Accumulated Depreciation				
	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]	[I]	[J]	[K]
12/1/2018	\$ -	\$ -	\$ -								
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3/1/2019	\$ 7,801	\$ 1,256	\$ 6,545	\$ -	\$ -	\$ -	\$ -	\$ 1,256	\$ -	\$ -	\$ 1,256
4/1/2019	\$ 120,409	\$ 19,384	\$ 107,570	\$ 6,545	\$ -	\$ 13	\$ (13)	\$ 19,384	\$ -	\$ -	\$ 20,626
5/1/2019	\$ 1,109,701	\$ 178,641	\$ 1,038,631	\$ 107,570	\$ -	\$ 216	\$ (216)	\$ 178,641	\$ -	\$ -	\$ 199,051
6/1/2019	\$ 561,064	\$ 90,321	\$ 1,509,375	\$ 1,038,631	\$ -	\$ 2,086	\$ (2,086)	\$ 90,321	\$ -	\$ -	\$ 287,286
7/1/2019	\$ 318,923	\$ 51,341	\$ 1,776,957	\$ 1,509,375	\$ -	\$ 3,031	\$ (3,031)	\$ 51,341	\$ -	\$ -	\$ 335,595
8/1/2019	\$ 405,219	\$ 65,232	\$ 2,116,944	\$ 1,776,957	\$ -	\$ 3,569	\$ (3,569)	\$ 65,232	\$ -	\$ -	\$ 397,258
9/1/2019	\$ 466,369	\$ 75,077	\$ 2,508,236	\$ 2,116,944	\$ -	\$ 4,252	\$ (4,252)	\$ 75,077	\$ -	\$ -	\$ 468,083
10/1/2019	\$ 417,404	\$ 67,194	\$ 2,858,447	\$ 2,508,236	\$ -	\$ 5,037	\$ (5,037)	\$ 67,194	\$ -	\$ -	\$ 530,240
11/1/2019	\$ 155,040	\$ 24,958	\$ 2,988,528	\$ 2,858,447	\$ -	\$ 5,741	\$ (5,741)	\$ 24,958	\$ -	\$ -	\$ 549,458
12/1/2019	\$ 10,413	\$ 1,676	\$ 2,997,265	\$ 2,988,528	\$ -	\$ 6,002	\$ (6,002)	\$ 1,676	\$ -	\$ -	\$ 545,132
	\$ 3,572,344	\$ 575,079				\$ 29,947	\$ (29,947)	\$ 575,079	\$ -	\$ -	
1/1/2020	\$ 53	\$ -	\$ 53	\$ -	\$ -	\$ 6,020	\$ (6,020)	\$ -	\$ -	\$ -	\$ (6,020)
2/1/2020	\$ 106	\$ -	\$ 159	\$ 53	\$ -	\$ 6,020	\$ (6,020)	\$ -	\$ -	\$ -	\$ (12,039)
3/1/2020	\$ 425	\$ -	\$ 584	\$ 159	\$ -	\$ 6,020	\$ (6,020)	\$ -	\$ -	\$ -	\$ (18,059)
4/1/2020	\$ 74,311	\$ -	\$ 74,895	\$ 584	\$ -	\$ 6,021	\$ (6,021)	\$ -	\$ -	\$ -	\$ (24,080)
5/1/2020	\$ 162,687	\$ -	\$ 237,582	\$ 74,895	\$ -	\$ 6,170	\$ (6,170)	\$ -	\$ -	\$ -	\$ (30,250)
6/1/2020	\$ 343,103	\$ -	\$ 580,685	\$ 237,582	\$ -	\$ 6,497	\$ (6,497)	\$ -	\$ -	\$ -	\$ (36,746)
7/1/2020	\$ 497,775	\$ -	\$ 1,078,460	\$ 580,685	\$ -	\$ 7,186	\$ (7,186)	\$ -	\$ -	\$ -	\$ (43,932)
8/1/2020	\$ 579,995	\$ -	\$ 1,658,455	\$ 1,078,460	\$ -	\$ 8,185	\$ (8,185)	\$ -	\$ -	\$ -	\$ (52,117)
9/1/2020	\$ 642,946	\$ -	\$ 2,301,401	\$ 1,658,455	\$ -	\$ 9,350	\$ (9,350)	\$ -	\$ -	\$ -	\$ (61,468)
10/1/2020	\$ 668,637	\$ -	\$ 2,970,038	\$ 2,301,401	\$ -	\$ 10,641	\$ (10,641)	\$ -	\$ -	\$ -	\$ (72,109)
11/1/2020	\$ 697,777	\$ -	\$ 3,667,815	\$ 2,970,038	\$ -	\$ 11,984	\$ (11,984)	\$ -	\$ -	\$ -	\$ (84,093)
12/1/2020	\$ 708,605	\$ -	\$ 4,376,420	\$ 3,667,815	\$ -	\$ 13,386	\$ (13,386)	\$ -	\$ -	\$ -	\$ (97,479)
	\$ 4,376,420	\$ -				\$ 97,479	\$ (97,479)	\$ -	\$ -	\$ -	
1/1/2021	\$ 47	\$ -	\$ 47	\$ -	\$ -	\$ 14,809	\$ (14,809)	\$ -	\$ -	\$ -	\$ (14,809)
2/1/2021	\$ 95	\$ -	\$ 142	\$ 47	\$ -	\$ 14,809	\$ (14,809)	\$ -	\$ -	\$ -	\$ (29,618)
3/1/2021	\$ 379	\$ 1,256	\$ (735)	\$ 142	\$ -	\$ 14,809	\$ (14,809)	\$ 1,256	\$ -	\$ -	\$ (43,171)
4/1/2021	\$ 66,251	\$ 19,384	\$ 46,132	\$ (735)	\$ -	\$ 14,807	\$ (14,807)	\$ 19,384	\$ -	\$ -	\$ (38,595)
5/1/2021	\$ 145,042	\$ 178,641	\$ 12,533	\$ 46,132	\$ -	\$ 14,901	\$ (14,901)	\$ 178,641	\$ -	\$ -	\$ 125,144
6/1/2021	\$ 305,890	\$ 90,321	\$ 228,102	\$ 12,533	\$ -	\$ 14,834	\$ (14,834)	\$ 90,321	\$ -	\$ -	\$ 200,631
7/1/2021	\$ 443,786	\$ 51,341	\$ 620,548	\$ 228,102	\$ -	\$ 15,267	\$ (15,267)	\$ 51,341	\$ -	\$ -	\$ 236,705
8/1/2021	\$ 517,088	\$ 65,232	\$ 1,072,403	\$ 620,548	\$ -	\$ 16,055	\$ (16,055)	\$ 65,232	\$ -	\$ -	\$ 285,882
9/1/2021	\$ 573,212	\$ 75,077	\$ 1,570,538	\$ 1,072,403	\$ -	\$ 16,963	\$ (16,963)	\$ 75,077	\$ -	\$ -	\$ 343,996
10/1/2021	\$ 596,116	\$ 67,194	\$ 2,099,460	\$ 1,570,538	\$ -	\$ 17,963	\$ (17,963)	\$ 67,194	\$ -	\$ -	\$ 393,227
11/1/2021	\$ 622,095	\$ 24,958	\$ 2,696,597	\$ 2,099,460	\$ -	\$ 19,025	\$ (19,025)	\$ 24,958	\$ -	\$ -	\$ 399,160
12/1/2021	\$ 631,749	\$ 1,676	\$ 3,326,670	\$ 2,696,597	\$ -	\$ 20,224	\$ (20,224)	\$ 1,676	\$ -	\$ -	\$ 380,612
	\$ 3,901,749	\$ 575,079				\$ 194,467	\$ (194,467)	\$ 575,079	\$ -	\$ -	

Minnesota Energy Resources Corporation
GUIC Revenue Requirement

Gas Services Summary

Deferred Income Taxes									
Month	Tax Addition	Tax Depr.	Tax Gain/(Loss) on Retirements	Book/Tax Difference	Bonus Effect	NOL	Deferred Tax	End Bal	
	[L]	[M]	[N]	[O]	[P]	[Q]	[R]	[S]	
12/1/2018					0.0000%	0.0000%	-		
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3/1/2019	\$ 7,801	\$ (73)	\$ -	\$ (73)	\$ -	\$ -	\$ (21)	\$ (21)	\$ (21)
4/1/2019	\$ 120,409	\$ (1,530)	\$ -	\$ (1,517)	\$ -	\$ -	\$ (435)	\$ (435)	\$ (456)
5/1/2019	\$ 1,109,701	\$ (17,739)	\$ -	\$ (17,523)	\$ -	\$ -	\$ (5,023)	\$ (5,023)	\$ (5,479)
6/1/2019	\$ 561,064	\$ (14,389)	\$ -	\$ (12,303)	\$ -	\$ -	\$ (3,527)	\$ (3,527)	\$ (9,005)
7/1/2019	\$ 318,923	\$ (12,598)	\$ -	\$ (9,567)	\$ -	\$ -	\$ (2,742)	\$ (2,742)	\$ (11,747)
8/1/2019	\$ 405,219	\$ (16,749)	\$ -	\$ (13,180)	\$ -	\$ -	\$ (3,778)	\$ (3,778)	\$ (15,526)
9/1/2019	\$ 466,369	\$ (21,001)	\$ -	\$ (16,749)	\$ -	\$ -	\$ (4,801)	\$ (4,801)	\$ (20,327)
10/1/2019	\$ 417,405	\$ (22,386)	\$ -	\$ (17,349)	\$ -	\$ -	\$ (4,973)	\$ (4,973)	\$ (25,300)
11/1/2019	\$ 155,040	\$ (15,976)	\$ -	\$ (10,235)	\$ -	\$ -	\$ (2,934)	\$ (2,934)	\$ (28,234)
12/1/2019	\$ 10,413	\$ (11,522)	\$ -	\$ (5,520)	\$ -	\$ -	\$ (1,582)	\$ (1,582)	\$ (29,816)
	\$ 3,572,344	\$ (133,963)	\$ -	\$ (104,016)	\$ -	\$ -	\$ (29,816)		
				\$ 3,438,381			21.0000%		
				\$ 3,542,397			7.6646%		
				\$ (104,016)					
					0.0000%	0.0000%			
					[P]	[Q]			
1/1/2020	\$ 53	\$ (21,491)	\$ -	\$ (15,471)	\$ -	\$ -	\$ (4,435)	\$ (4,435)	\$ (29,816)
2/1/2020	\$ 106	\$ (21,491)	\$ -	\$ (15,471)	\$ -	\$ -	\$ (4,435)	\$ (4,435)	\$ (34,251)
3/1/2020	\$ 425	\$ (21,495)	\$ -	\$ (15,475)	\$ -	\$ -	\$ (4,436)	\$ (4,436)	\$ (38,686)
4/1/2020	\$ 74,311	\$ (22,421)	\$ -	\$ (16,400)	\$ -	\$ -	\$ (4,701)	\$ (4,701)	\$ (43,121)
5/1/2020	\$ 162,687	\$ (24,267)	\$ -	\$ (18,097)	\$ -	\$ -	\$ (5,187)	\$ (5,187)	\$ (47,822)
6/1/2020	\$ 343,103	\$ (28,667)	\$ -	\$ (22,170)	\$ -	\$ -	\$ (6,355)	\$ (6,355)	\$ (53,010)
7/1/2020	\$ 497,775	\$ (34,193)	\$ -	\$ (27,007)	\$ -	\$ -	\$ (7,742)	\$ (7,742)	\$ (59,365)
8/1/2020	\$ 579,995	\$ (39,361)	\$ -	\$ (31,176)	\$ -	\$ -	\$ (8,936)	\$ (8,936)	\$ (67,107)
9/1/2020	\$ 642,946	\$ (44,757)	\$ -	\$ (35,407)	\$ -	\$ -	\$ (10,149)	\$ (10,149)	\$ (76,043)
10/1/2020	\$ 668,637	\$ (49,577)	\$ -	\$ (38,936)	\$ -	\$ -	\$ (11,161)	\$ (11,161)	\$ (86,192)
11/1/2020	\$ 697,777	\$ (54,758)	\$ -	\$ (42,774)	\$ -	\$ -	\$ (12,261)	\$ (12,261)	\$ (97,353)
12/1/2020	\$ 708,605	\$ (59,525)	\$ -	\$ (46,139)	\$ -	\$ -	\$ (13,226)	\$ (13,226)	\$ (109,614)
	\$ 4,376,420	\$ (422,003)	\$ -	\$ (324,524)	\$ -	\$ -	\$ (93,023)	\$ (93,023)	\$ (122,839)
				\$ 3,954,417			21.0000%		
				\$ 4,278,941			7.6646%		
				\$ (324,524)					
					0.0000%	0.0000%			
					[P]	[Q]			
1/1/2021	\$ 47	\$ (46,205)	\$ -	\$ (31,396)	\$ -	\$ -	\$ (9,000)	\$ (9,000)	\$ (122,839)
2/1/2021	\$ 95	\$ (46,206)	\$ -	\$ (31,397)	\$ -	\$ -	\$ (9,000)	\$ (9,000)	\$ (131,839)
3/1/2021	\$ 379	\$ (46,208)	\$ -	\$ (31,399)	\$ -	\$ -	\$ (9,000)	\$ (9,000)	\$ (140,839)
4/1/2021	\$ 66,251	\$ (47,035)	\$ -	\$ (32,228)	\$ -	\$ -	\$ (9,238)	\$ (9,238)	\$ (149,839)
5/1/2021	\$ 145,042	\$ (48,681)	\$ -	\$ (33,780)	\$ -	\$ -	\$ (9,683)	\$ (9,683)	\$ (159,077)
6/1/2021	\$ 305,890	\$ (52,602)	\$ -	\$ (37,768)	\$ -	\$ -	\$ (10,826)	\$ (10,826)	\$ (168,760)
7/1/2021	\$ 443,786	\$ (57,531)	\$ -	\$ (42,264)	\$ -	\$ -	\$ (12,115)	\$ (12,115)	\$ (179,586)
8/1/2021	\$ 517,088	\$ (62,135)	\$ -	\$ (46,080)	\$ -	\$ -	\$ (13,209)	\$ (13,209)	\$ (191,701)
9/1/2021	\$ 573,212	\$ (66,948)	\$ -	\$ (49,985)	\$ -	\$ -	\$ (14,328)	\$ (14,328)	\$ (204,909)
10/1/2021	\$ 596,116	\$ (71,245)	\$ -	\$ (53,282)	\$ -	\$ -	\$ (15,273)	\$ (15,273)	\$ (219,237)
11/1/2021	\$ 622,095	\$ (75,864)	\$ -	\$ (56,839)	\$ -	\$ -	\$ (16,293)	\$ (16,293)	\$ (234,511)
12/1/2021	\$ 631,749	\$ (80,115)	\$ -	\$ (59,891)	\$ -	\$ -	\$ (17,167)	\$ (17,167)	\$ (250,803)
	\$ 3,901,749	\$ (700,775)	\$ -	\$ (506,308)	\$ -	\$ -	\$ (145,131)	\$ (145,131)	\$ (267,971)
				\$ 3,200,974			21.0000%		
				\$ 3,707,282			7.6646%		
				\$ (506,308)					

	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

Minnesota Energy Resources Corporation
GUIC Revenue Requirement

Gas Services Summary

Month	Book/Tax Differ	Bonus Effect	NOL	Deferred Tax	Deferred Tax	Deferred Tax	Federal	Proration	Federal	Federal	Monthly Prorated Balance
	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	Adjustment
12/1/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-		
1/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	\$ -
2/1/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	\$ -
3/1/2019	\$ (73)	\$ -	\$ -	\$ -	\$ -	\$ (6)	(6)	2019	(15)	(1)	\$ (10)
4/1/2019	\$ (1,590)	\$ -	\$ -	\$ -	\$ -	\$ (122)	(122)	2019	(319)	(26)	\$ (189)
5/1/2019	\$ (19,113)	\$ -	\$ -	\$ -	\$ -	\$ (1,465)	(1,465)	2019	(3,680)	(309)	\$ (1,859)
6/1/2019	\$ (31,416)	\$ -	\$ -	\$ -	\$ -	\$ (2,408)	(2,408)	2019	(2,584)	(1,310)	\$ (2,860)
7/1/2019	\$ (40,983)	\$ -	\$ -	\$ -	\$ -	\$ (3,141)	(3,141)	2019	(2,009)	(848)	\$ (3,046)
8/1/2019	\$ (54,163)	\$ -	\$ -	\$ -	\$ -	\$ (4,151)	(4,151)	2019	(2,768)	(933)	\$ (3,104)
9/1/2019	\$ (70,912)	\$ -	\$ -	\$ -	\$ -	\$ (5,435)	(5,435)	2019	(3,517)	(896)	\$ (2,854)
10/1/2019	\$ (88,261)	\$ -	\$ -	\$ -	\$ -	\$ (6,765)	(6,765)	2019	(3,643)	(619)	\$ (2,047)
11/1/2019	\$ (98,496)	\$ -	\$ -	\$ -	\$ -	\$ (7,549)	(7,549)	2019	(2,149)	(188)	\$ (645)
12/1/2019	\$ (104,016)	\$ -	\$ -	\$ (21,843)	\$ -	\$ (7,972)	(7,972)	2019	(1,159)	(3)	\$ 1,032
\$	(104,016)			\$ (8,222.68)					(7,190)	(8,223)	1,032
				^13-mo Ave Balance^			BOY FED ADIT	-	-	-	
				21.0000%	21.0000%	7.6646%	Prorated ADIT>	(7,190)	(8,223)	<13-Mo Ave ADIT	\$ 1,032.27
\$	(104,016)	\$ -	\$ -	\$ (21,843)	\$ -	\$ (7,972)					
1/1/2020	\$ (119,488)	\$ -	\$ -	\$ (25,092)	\$ -	\$ (9,158)	2020	(3,249)	(2,983)	(250)	\$ (2,733)
2/1/2020	\$ (134,959)	\$ -	\$ -	\$ (28,341)	\$ -	\$ (10,344)	2020	(3,249)	(2,725)	(500)	\$ (4,958)
3/1/2020	\$ (150,434)	\$ -	\$ -	\$ (31,591)	\$ -	\$ (11,530)	2020	(3,250)	(2,451)	(750)	\$ (6,659)
4/1/2020	\$ (166,835)	\$ -	\$ -	\$ (35,035)	\$ -	\$ (12,787)	2020	(3,444)	(2,315)	(1,015)	\$ (7,959)
5/1/2020	\$ (184,932)	\$ -	\$ -	\$ (38,836)	\$ -	\$ (14,174)	2020	(3,800)	(2,232)	(1,307)	\$ (8,884)
6/1/2020	\$ (207,102)	\$ -	\$ -	\$ (43,491)	\$ -	\$ (15,874)	2020	(4,656)	(2,353)	(1,665)	\$ (9,573)
7/1/2020	\$ (234,109)	\$ -	\$ -	\$ (49,163)	\$ -	\$ (17,944)	2020	(5,672)	(2,386)	(2,102)	\$ (9,857)
8/1/2020	\$ (265,285)	\$ -	\$ -	\$ (55,710)	\$ -	\$ (20,333)	2020	(6,547)	(2,200)	(2,605)	\$ (9,453)
9/1/2020	\$ (300,692)	\$ -	\$ -	\$ (63,145)	\$ -	\$ (23,047)	2020	(7,435)	(1,889)	(3,177)	\$ (8,165)
10/1/2020	\$ (339,627)	\$ -	\$ -	\$ (71,322)	\$ -	\$ (26,031)	2020	(8,176)	(1,385)	(3,806)	\$ (5,744)
11/1/2020	\$ (382,401)	\$ -	\$ -	\$ (80,304)	\$ -	\$ (29,310)	2020	(8,982)	(785)	(4,497)	\$ (2,032)
12/1/2020	\$ (428,540)	\$ -	\$ -	\$ (89,993)	\$ -	\$ (32,846)	2020	(9,689)	(26)	(5,242)	\$ 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	\$ 3,183.62
\$	(428,540)	\$ -	\$ -	\$ (89,993)	\$ -	\$ (32,846)					
1/1/2021	\$ (459,936)	\$ -	\$ -	\$ (96,587)	\$ -	\$ (35,252)	2021	(6,593)	(6,035)	(507)	\$ (5,528)
2/1/2021	\$ (491,333)	\$ -	\$ -	\$ (103,180)	\$ -	\$ (37,659)	2021	(6,593)	(5,531)	(1,014)	\$ (10,044)
3/1/2021	\$ (522,732)	\$ -	\$ -	\$ (109,774)	\$ -	\$ (40,065)	2021	(6,594)	(4,972)	(1,522)	\$ (13,495)
4/1/2021	\$ (554,960)	\$ -	\$ -	\$ (116,542)	\$ -	\$ (42,535)	2021	(6,768)	(4,549)	(2,042)	\$ (16,001)
5/1/2021	\$ (588,740)	\$ -	\$ -	\$ (123,635)	\$ -	\$ (45,125)	2021	(7,094)	(4,167)	(2,588)	\$ (17,580)
6/1/2021	\$ (626,508)	\$ -	\$ -	\$ (131,567)	\$ -	\$ (48,019)	2021	(7,931)	(4,009)	(3,198)	\$ (18,392)
7/1/2021	\$ (668,772)	\$ -	\$ -	\$ (140,442)	\$ -	\$ (51,259)	2021	(8,875)	(3,734)	(3,881)	\$ (18,245)
8/1/2021	\$ (714,852)	\$ -	\$ -	\$ (150,119)	\$ -	\$ (54,791)	2021	(9,677)	(3,252)	(4,625)	\$ (16,872)
9/1/2021	\$ (764,837)	\$ -	\$ -	\$ (160,616)	\$ -	\$ (58,622)	2021	(10,497)	(2,667)	(5,432)	\$ (14,107)
10/1/2021	\$ (818,119)	\$ -	\$ -	\$ (171,805)	\$ -	\$ (62,706)	2021	(11,189)	(1,895)	(6,293)	\$ (9,709)
11/1/2021	\$ (874,958)	\$ -	\$ -	\$ (183,741)	\$ -	\$ (67,062)	2021	(11,936)	(1,044)	(7,211)	\$ (3,542)
12/1/2021	\$ (934,848)	\$ -	\$ -	\$ (196,318)	\$ -	\$ (71,652)	2021	(12,577)	(34)	(8,179)	\$ 4,603
\$	(934,848)			\$ (136,486.02)					(41,890)	(46,493)	4,603
				^13-mo Ave Balance^			BOY FED ADIT	(89,993)	(89,993)		
				21.0000%	21.0000%	7.6646%	Prorated ADIT>	(131,883)	(136,486)	<13-Mo Ave ADIT	\$ 4,602.88

Minnesota Energy Resources Corporation
GUIC Revenue Requirement

Gas Stations Summary											
Month	Net Plant In Service			Depr. Calculation			Accumulated Depreciation				
	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]	[I]	[J]	[K]
12/1/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1/1/2020	\$ 1	\$ -	\$ 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2/1/2020	\$ 2	\$ -	\$ 3	\$ 1	\$ -	\$ 0	\$ (0)	\$ -	\$ -	\$ -	\$ (0)
3/1/2020	\$ 7	\$ -	\$ 10	\$ 3	\$ -	\$ 0	\$ (0)	\$ -	\$ -	\$ -	\$ (0)
4/1/2020	\$ 1,241	\$ -	\$ 1,251	\$ 10	\$ -	\$ 0	\$ (0)	\$ -	\$ -	\$ -	\$ (0)
5/1/2020	\$ 2,718	\$ -	\$ 3,969	\$ 1,251	\$ -	\$ 5	\$ (5)	\$ -	\$ -	\$ -	\$ (5)
6/1/2020	\$ 5,732	\$ -	\$ 9,701	\$ 3,969	\$ -	\$ 14	\$ (14)	\$ -	\$ -	\$ -	\$ (14)
7/1/2020	\$ 8,316	\$ -	\$ 18,017	\$ 9,701	\$ -	\$ 35	\$ (35)	\$ -	\$ -	\$ -	\$ (35)
8/1/2020	\$ 9,689	\$ -	\$ 27,706	\$ 18,017	\$ -	\$ 65	\$ (65)	\$ -	\$ -	\$ -	\$ (65)
9/1/2020	\$ 10,741	\$ -	\$ 38,447	\$ 27,706	\$ -	\$ 100	\$ (100)	\$ -	\$ -	\$ -	\$ (100)
10/1/2020	\$ 11,170	\$ -	\$ 49,618	\$ 38,447	\$ -	\$ 139	\$ (139)	\$ -	\$ -	\$ -	\$ (139)
11/1/2020	\$ 11,657	\$ -	\$ 61,275	\$ 49,618	\$ -	\$ 179	\$ (179)	\$ -	\$ -	\$ -	\$ (179)
12/1/2020	\$ 11,838	\$ -	\$ 73,113	\$ 61,275	\$ -	\$ 222	\$ (222)	\$ -	\$ -	\$ -	\$ (222)
	\$ 73,113	\$ -	\$ -	\$ -	\$ -	\$ 759	\$ (759)	\$ -	\$ -	\$ -	\$ (759)
1/1/2021	\$ 1	\$ -	\$ 1	\$ -	\$ -	\$ 264	\$ (264)	\$ -	\$ -	\$ -	\$ (264)
2/1/2021	\$ 2	\$ -	\$ 3	\$ 1	\$ -	\$ 264	\$ (264)	\$ -	\$ -	\$ -	\$ (264)
3/1/2021	\$ 7	\$ -	\$ 10	\$ 3	\$ -	\$ 264	\$ (264)	\$ -	\$ -	\$ -	\$ (264)
4/1/2021	\$ 1,241	\$ -	\$ 1,251	\$ 10	\$ -	\$ 264	\$ (264)	\$ -	\$ -	\$ -	\$ (264)
5/1/2021	\$ 2,718	\$ -	\$ 3,969	\$ 1,251	\$ -	\$ 269	\$ (269)	\$ -	\$ -	\$ -	\$ (269)
6/1/2021	\$ 5,732	\$ -	\$ 9,701	\$ 3,969	\$ -	\$ 279	\$ (279)	\$ -	\$ -	\$ -	\$ (279)
7/1/2021	\$ 8,316	\$ -	\$ 18,017	\$ 9,701	\$ -	\$ 300	\$ (300)	\$ -	\$ -	\$ -	\$ (300)
8/1/2021	\$ 9,689	\$ -	\$ 27,706	\$ 18,017	\$ -	\$ 330	\$ (330)	\$ -	\$ -	\$ -	\$ (330)
9/1/2021	\$ 10,741	\$ -	\$ 38,447	\$ 27,706	\$ -	\$ 365	\$ (365)	\$ -	\$ -	\$ -	\$ (365)
10/1/2021	\$ 11,170	\$ -	\$ 49,618	\$ 38,447	\$ -	\$ 403	\$ (403)	\$ -	\$ -	\$ -	\$ (403)
11/1/2021	\$ 11,657	\$ -	\$ 61,275	\$ 49,618	\$ -	\$ 444	\$ (444)	\$ -	\$ -	\$ -	\$ (444)
12/1/2021	\$ 11,838	\$ -	\$ 73,113	\$ 61,275	\$ -	\$ 486	\$ (486)	\$ -	\$ -	\$ -	\$ (486)
	\$ 73,113	\$ -	\$ -	\$ -	\$ -	\$ 3,933	\$ (3,933)	\$ -	\$ -	\$ -	\$ (3,933)

Minnesota Energy Resources Corporation
GUIC Revenue Requirement

Gas Stations Summary

Deferred Income Taxes								
Month	Tax Addition	Tax Depr.	Tax Gain/(Loss) on Retirements	Book/Tax Difference	Bonus Effect	NOL	Deferred Tax	End Bal
	[L]	[M]	[N]	[O]	[P]	[Q]	[R]	[S]
12/1/2018					0.0000%	0.0000%	-	
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -			21.0000%	
				\$ -			7.6646%	
				\$ -				
					0.0000%	0.0000%		
					[P]	[Q]		
1/1/2020	\$ 1	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ -	\$ -
2/1/2020	\$ 2	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ -	\$ -
3/1/2020	\$ 7	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ -	\$ -
4/1/2020	\$ 1,241	\$ (16)	\$ -	\$ (16)	\$ -	\$ -	\$ (5)	\$ (5)
5/1/2020	\$ 2,718	\$ (46)	\$ -	\$ (41)	\$ -	\$ -	\$ (12)	\$ (16)
6/1/2020	\$ 5,732	\$ (120)	\$ -	\$ (106)	\$ -	\$ -	\$ (30)	\$ (47)
7/1/2020	\$ 8,316	\$ (212)	\$ -	\$ (177)	\$ -	\$ -	\$ (51)	\$ (97)
8/1/2020	\$ 9,689	\$ (299)	\$ -	\$ (234)	\$ -	\$ -	\$ (67)	\$ (164)
9/1/2020	\$ 10,741	\$ (388)	\$ -	\$ (288)	\$ -	\$ -	\$ (83)	\$ (247)
10/1/2020	\$ 11,170	\$ (470)	\$ -	\$ (331)	\$ -	\$ -	\$ (95)	\$ (342)
11/1/2020	\$ 11,657	\$ (555)	\$ -	\$ (376)	\$ -	\$ -	\$ (108)	\$ (450)
12/1/2020	\$ 11,838	\$ (636)	\$ -	\$ (414)	\$ -	\$ -	\$ (119)	\$ (568)
	\$ 73,113	\$ (2,742)	\$ -	\$ (1,983)	\$ -	\$ -	\$ (568)	
				\$ 70,371			21.0000%	
				\$ 72,353			7.6646%	
				\$ (1,983)				
					0.0000%	0.0000%		
					[P]	[Q]		
1/1/2021	\$ 1	\$ (440)	\$ -	\$ (176)	\$ -	\$ -	\$ (50)	\$ (568)
2/1/2021	\$ 2	\$ (440)	\$ -	\$ (176)	\$ -	\$ -	\$ (50)	\$ (619)
3/1/2021	\$ 7	\$ (440)	\$ -	\$ (176)	\$ -	\$ -	\$ (50)	\$ (669)
4/1/2021	\$ 1,241	\$ (455)	\$ -	\$ (191)	\$ -	\$ -	\$ (55)	\$ (719)
5/1/2021	\$ 2,718	\$ (486)	\$ -	\$ (217)	\$ -	\$ -	\$ (62)	\$ (774)
6/1/2021	\$ 5,732	\$ (560)	\$ -	\$ (281)	\$ -	\$ -	\$ (81)	\$ (836)
7/1/2021	\$ 8,316	\$ (652)	\$ -	\$ (352)	\$ -	\$ -	\$ (101)	\$ (917)
8/1/2021	\$ 9,689	\$ (739)	\$ -	\$ (409)	\$ -	\$ -	\$ (117)	\$ (1,018)
9/1/2021	\$ 10,741	\$ (828)	\$ -	\$ (463)	\$ -	\$ -	\$ (133)	\$ (1,135)
10/1/2021	\$ 11,170	\$ (909)	\$ -	\$ (506)	\$ -	\$ -	\$ (145)	\$ (1,268)
11/1/2021	\$ 11,657	\$ (995)	\$ -	\$ (551)	\$ -	\$ -	\$ (158)	\$ (1,413)
12/1/2021	\$ 11,838	\$ (1,076)	\$ -	\$ (590)	\$ -	\$ -	\$ (169)	\$ (1,571)
	\$ 73,113	\$ (8,020)	\$ -	\$ (4,087)	\$ -	\$ -	\$ (1,172)	
				\$ 65,093			21.0000%	
				\$ 69,180			7.6646%	
				\$ (4,087)				

	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

Minnesota Energy Resources Corporation
GUIC Revenue Requirement

Gas Stations Summary

Month	Book/Tax Differ	Bonus Effect	NOL	Deferred Tax	Deferred Tax	Deferred Tax	Federal	Proration	Federal	Federal	Monthly Prorated Balance
	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	Adjustment
12/1/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	\$ -
\$	-			\$ -				-	-	-	
				^13-mo Ave Balance^			BOY FED ADIT	-	-	-	
				21.0000%	21.0000%	7.6646%	Prorated ADIT>	-	-	<13-Mo Ave ADIT	\$ -
1/1/2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2020	-	-	-	\$ -
2/1/2020	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ -	2020	-	-	-	\$ -
3/1/2020	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ -	2020	-	-	-	\$ -
4/1/2020	\$ (16)	\$ -	\$ -	\$ (3)	\$ -	\$ (1)	2020	(3)	(2)	(0)	\$ (2)
5/1/2020	\$ (57)	\$ -	\$ -	\$ (12)	\$ -	\$ (4)	2020	(9)	(5)	(1)	\$ (4)
6/1/2020	\$ (163)	\$ -	\$ -	\$ (34)	\$ -	\$ (13)	2020	(22)	(11)	(3)	\$ (15)
7/1/2020	\$ (340)	\$ -	\$ -	\$ (71)	\$ -	\$ (26)	2020	(37)	(16)	(5)	\$ (25)
8/1/2020	\$ (574)	\$ -	\$ -	\$ (121)	\$ -	\$ (44)	2020	(49)	(17)	(9)	\$ (32)
9/1/2020	\$ (862)	\$ -	\$ -	\$ (181)	\$ -	\$ (66)	2020	(60)	(15)	(14)	\$ (34)
10/1/2020	\$ (1,193)	\$ -	\$ -	\$ (250)	\$ -	\$ (91)	2020	(70)	(12)	(19)	\$ (26)
11/1/2020	\$ (1,568)	\$ -	\$ -	\$ (329)	\$ -	\$ (120)	2020	(79)	(7)	(25)	\$ (8)
12/1/2020	\$ (1,983)	\$ -	\$ -	\$ (416)	\$ -	\$ (152)	2020	(87)	(0)	(32)	\$ 24
\$	(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	\$ 24.14
1/1/2021	\$ (1,983)	\$ -	\$ -	\$ (416)	\$ -	\$ (152)	2021	(37)	(34)	(3)	\$ (31)
2/1/2021	\$ (2,158)	\$ -	\$ -	\$ (453)	\$ -	\$ (165)	2021	(37)	(31)	(6)	\$ (56)
3/1/2021	\$ (2,334)	\$ -	\$ -	\$ (490)	\$ -	\$ (179)	2021	(37)	(28)	(9)	\$ (75)
4/1/2021	\$ (2,509)	\$ -	\$ -	\$ (527)	\$ -	\$ (192)	2021	(40)	(27)	(12)	\$ (91)
5/1/2021	\$ (2,700)	\$ -	\$ -	\$ (567)	\$ -	\$ (207)	2021	(46)	(27)	(15)	\$ (102)
6/1/2021	\$ (2,917)	\$ -	\$ -	\$ (613)	\$ -	\$ (224)	2021	(59)	(30)	(20)	\$ (113)
7/1/2021	\$ (3,198)	\$ -	\$ -	\$ (672)	\$ -	\$ (245)	2021	(74)	(31)	(25)	\$ (118)
8/1/2021	\$ (3,551)	\$ -	\$ -	\$ (746)	\$ -	\$ (272)	2021	(86)	(29)	(32)	\$ (115)
9/1/2021	\$ (3,960)	\$ -	\$ -	\$ (832)	\$ -	\$ (304)	2021	(97)	(25)	(39)	\$ (101)
10/1/2021	\$ (4,423)	\$ -	\$ -	\$ (929)	\$ -	\$ (339)	2021	(106)	(18)	(48)	\$ (71)
11/1/2021	\$ (4,929)	\$ -	\$ -	\$ (1,035)	\$ -	\$ (378)	2021	(116)	(10)	(56)	\$ (25)
12/1/2021	\$ (5,480)	\$ -	\$ -	\$ (1,151)	\$ -	\$ (420)	2021	(124)	(0)	(66)	\$ 41
\$	(6,070)			\$ (746.48)				(289)	(330)	41	
				^13-mo Ave Balance^			BOY FED ADIT	(416)	(416)		
							Prorated ADIT>	(706)	(746)	<13-Mo Ave ADIT	\$ 40.95

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Project Type	WBS Element	WR #	Project Name	Address	City	Description
Road	NA	2693363	GUIC - ROAD RELO SVC REPL W/NO MAIN	ASSORTED	ASSORTED	See service line tab for details
Road	Q-4605-000527	2702342	FM-GUIC ROAD PROJ - SOUTH HWY (JACKSON)	SOUTH HWY	JACKSON	Install ~3230' 6PE & 270' 2PE along South Hwy for county and city road project
Road	Q-4605-000798	2845221	RM-GUIC ROAD PROJECT-FARMINGTON	HICKORY, WESTVIEW, WESTWOOD, VARIOUS	FARMINGTON	~6,500' of 4PE/2PE due to City of Farmington road project
Road	Q-4605-000819	2858315	RO-GUIC RD PROJECT-HWY52 SP 5507-64 CHAT	HWY 52	CHATFIELD	Hwy 52 relocations for Chatfield Project SP 5507-64
Road	Q-4605-000820	2854727	RM-GUIC-ROAD PROJECT-EMPIRE TOWNSHIP	CHILI, CHEVELLE, 200TH ST	EMPIRE TOWNSHIP	GUIC - ROAD PROJECT - EMPIRE TOWNSHIP - 2019 IMPROVEMENTS
Road	Q-4605-000827	2854739	FM-GUIC ROAD PROJECT (WELCOME)	4TH, 3RD, 2ND, 1ST, CAMPBELL	WELCOME	GUIC - ROAD PROJECT - WELCOME - 2019 STREET IMPROVEMENTS
Road	Q-4605-000833	2858854	RM-GUIC ROAD PROJECT (LAKEVILLE)	HAMBURG AVE	LAKEVILLE	City of Lakeville road project
Road	Q-4605-000834	2847615	PC-GUIC I-35 AND CSAH 7 ROAD PROJECT	I-35 AND CSAH 7	PINE CITY	State road project
Road	Q-4605-000835	2856743	FM-GUIC 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
Road	Q-4605-000837	2866336	WA-GUIC ROAD RELO HWY 10 PROJECT WADENA	HWY 10	WADENA	INSTALL APPROX 3,400' OF 2" PE MAIN - GMAP (GUIC)
Road	Q-4605-000839	2795879	CL-GUIC NEW VALVE DUE TO 2016 ROAD	JON BROWN DR AND KENWOOD	MOOSE LAKE	CITY OF MOOSE LAKE ROAD PROJECT
Road	Q-4605-000840	2853058	RO-GUIC RD PROJECT-ELGIN 1ST ST SE	1ST ST SE	ELGIN	GMAP - Replace Main due to sidewalk improvements in the City of Elgin, MN.
Road	Q-4605-000847	2867745	RO-GUIC ROAD PROJECT (STEWARTVILLE)	3RD AND 4TH AVE SE	STEWARTVILLE	GUIC Rd Project Replacement for 3rd and 4th Ave SE in Stewartville
Road	Q-4605-000849	2868489	CL-GUIC HERMANTOWN DITCHING (LOWER MAIN)	W ARROWHEAD RD & MILLER TRUNK HWY	HERMANTOWN	City lowering ditch
Road	Q-4605-000850	2865956	FM-GUIC ROAD PROJECT WINNEBAGO (FAIRMONT)	WINNEBAGO AVE	FAIRMONT	GUIC - ROAD PROJECT - CITY OF FAIRMONT - WINNEBAGO
Road	Q-4605-000854	2867270	RM-GUIC ROAD PROJECT (SCOTT COUNTY 8)	COUNTY RD 8	RM-CEDAR LK-JORDAN SD T	GUIC - ROAD PROJECT - SCOTT COUNTY RD 8
Road	Q-4605-000858	2867669	WO-GUIC - ROAD PROJECT (ORTONVILLE)	VARIOUS	ORTONVILLE	Replace ~220' 2" PE main due to city road project - GUIC.
Road	Q-4605-000859	2869243	WO-GUIC ROAD PROJECT PHASE 2 (CANBY)	HAARFAGER AVE, 1ST ST S	CANBY	GUIC - ROAD PROJECT - CITY OF CANBY IMPROVEMENTS (PHASE 2, PHASE 1 completed in 2018 WR2738568)
Road	Q-4605-000860	2759897	WA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1	HWY 71 AND CR 15	PARK RAPIDS	MN DOT PROJECT
Road	Q-4605-000861	2759899	WA- GUIC PARK RAPIDS ROUNDABOUT PHASE 2	HWY 71 AND CR 15	PARK RAPIDS	MN DOT PROJECT
Road	Q-4605-000862	2873572	CL-GUIC BIWABIK PROJECT-BIWABIK	WEST RAILROAD AVE	BIWABIK	Biwabik road project before blackout West Railroad.
Road	Q-4605-000863	2880204	RO-GUIC ROAD PROJECT-4TH ST SW TIE-IN	4TH ST SW	ROCHESTER	Tie in due to the 4th St SW Rd Project
Road	Q-4605-000864	2880805	RO-GUIC - ROAD PROJECT (RUSHFORD)	VARIOUS	RUSHFORD	Road project relocation in Rushford.
Road	Q-4605-000866	2873941	BM-GUIC WEST AVE ROAD PROJECT DETROIT LK	WEST AVE	DETROIT LAKES	Detroit Lakes City project. Water and sewer improvements.
Road	Q-4605-000867	2866533	BM-GUIC RELOC MAIN CSAH 15 AND TH 7	CSAH 15 AND TH 71	BEMIDJI	County Road Project
Road	Q-4605-000868	2843073	FM-GUIC-ROAD PROJECT(ALBERT LEA STABLES)	740TH AVE, TASCAL, 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.
Road	Q-4605-000871	2885063	RO-GUIC ROAD PROJECT-1ST AVE SE PHASE 2	1ST AVE SE	ROCHESTER	Relocation along 1st Ave SE
Road	Q-4605-000873	2806931	RM-GUIC ROAD PROJECT (DAKOTA 50-23)	CSAH 50 (CEDAR TO HOLYOKE)	LAKEVILLE	Dakota County. 6" PE Valve at Highview
Road	Q-4605-000881	2883559	BM-GUIC WILLOW ST AND ROOSEVELT RD DL	WILLOW ST AND ROOSEVELT RD	BEMIDJI	City road project
Road	Q-4605-000889	2890685	WA-GUIC. COUNTY RD 4 ROAD PROJECT	BIRCH	WADENA	Install 75' of 2" steel and 235' of 2" PE main
Road	Q-4605-000890	2891281	RO-GUIC - ROAD PROJECT (MANTORVILLE)	VARIOUS	MANTORVILLE	2019 Mantorville Road Project unlocatable replacement.
Road	Q-4605-000891	2888591	PC-GUIC ROAD PROJECT NORTH BRANCH WATER	400TH ST, FLETCHER AND FLINK AVE	NORTH BRANCH	RELOCATE 6"PE FOR CITY PROJECT
Road	Q-4605-000904	2878629	PC-GUIC HWY 95-HEMMINGWAY ROUNDABOUT	HWY 95	PINE CITY	Removed main from proposed construction of a roundabout
Road	Q-4605-000906	2892699	CL-GUIC WATER AND SEWER PROJECT CALUMET	6TH AVE AND MORGAN AVE	CALUMET	Install 1,370' of 2" PE Main - GMAP (GUIC)
Road	Q-4605-000908	2893325	CL- GUIC GRAND RAPIDS 2019 STREET IMPROV	BLOCK 19 ALLY	GRAND RAPIDS	City Alley Project between Pokegama and W 3rd Ave
Road	Q-4605-000911	2866452	WO-GUIC - ROAD PROJECT (TRACY)	VARIOUS	TRACY	Replacing ~1460' of PE & WS in various sections due to road project conflicts
Road	Q-4605-000918	2899094	RM-GUIC ROAD PROJECT(CREDIT RIVER TWNSP)	NEVADA AVE	CREDIT RIVER TOWNSHIP	Replace ~1,205' PE main due to Township Road Project
Road	Q-4605-000919	2899053	RO-GUIC RD PROJECT-CSAH 9 RELOCATIONS	CSAH 9	ROCHESTER	Relocations due to road work along CSAH 9 in Rochester. (SP 055-609-019)
Road	Q-4605-000922	2898628	CL-GUIC 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.
Road	Q-4605-000923	2900934	WO-GUIC - ROAD PROJECT (LAMBERTON)	3RD AVE W & S FIR ST	LAMBERTON	GUIC - ROAD PROJECT - CITY OF LAMBERTON 2019-2020 IMPROVEMENTS
Road	Q-4605-000924	2901828	RO-GUIC - ROAD PROJECT (SPRING GROVE)	1ST ST NW	SPRING GROVE	Relocations along 1st St NW in Spring Grove
Road	Q-4605-000926	2902533	RM-GUIC - BONAIRE PATH EAST (ROSEMOUNT)	BONAIRE PATH	ROSEMOUNT	CITY OF ROSEMOUNT - BONAIRE PATH RECONSTRUCTION
Road	Q-4605-000927	2882688	RO-GUIC - ROAD PROJECT (HWY 30 RUSHFORD)	STATE HIGHWAY 30	RUSHFORD	Replace ~1,220' 2" PE main due to SP 2305-29 TH 30 in Rushford
Road	Q-4605-000931	2902309	RO-GUIC - ROAD PROJECT (ZUMBROTA)	EAST AVE	ZUMBROTA	Replace ~745' PE main for road project in Zumbrota
Road	Q-4605-000935	2901894	WA-GUIC SEBEKA CSAH 12 PROJECT	CSAH 12 (MINNESOTA AVE)	SEBEKA	SAP 080-612-011
Road	Q-4605-000936	2901982	RM-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
Road	Q-4605-000945	2900909	WA-GUIC HWY 32 AND MARK BLVD ROAD PROJ	HWY 32 AND MARK BLVD	THIEF RIVER FALLS	State road project
Road	Q-4605-000946	2901589	PC-GUIC ROAD PROJECT FAIRFIELD AVE RUSH	CSAH 39-FAIRFIELD AVE	RUSH CITY	County Road Project
Road	Q-4605-000947	2906367	PC-GUIC 2019 PINE CITY STREET PROJECT	WOODPECKER RIDGE	PINE CITY	INSTALL APPROX 2500' OF 2" PE MAIN - GMAP
Road	Q-4605-000970	2902297	WO-GUIC HWY 75 REPLACE (CANBY)	TH 75 & 180TH AVE	CANBY	GUIC replacement ~625' 4" STL.
Road	Q-4605-000971	2914229	CL-GUIC CHISHOLM ALLEY ROAD PROJECT	6TH ST SW AND 5TH AVE SW	CHISHOLM	City of Chisholm alley project
Road	Q-4605-000976	2907282	RM-GUIC ROAD PROJECT DONALD AVE (EAGAN)	DONALD AVENUE	ROSEMOUNT	GUIC - ROAD PROJECT - CITY OF EAGAN - DONALD AVE
Road	Q-4605-000982	2918108	CL-CO RD 130 RELOCATE 2 PE MAIN RANIER	CO RD 130	RANIER	County Road Project
Road	Q-4605-000987	2919228	PC-W 1ST ST RECONSTRUCTION ROAD PROJECT	W 1ST ST	RUSH CITY	STREET PROJECT
Road	Q-4605-000988	2921253	BM-HANNAH AVE AND 30TH ST NW. CITY STREE	HANNAH AVE AND 30TH ST NW	BEMIDJI	City of Bemidji Street Project
Road	Q-4605-001010	2928644	CL-GUIC CLOQUET ROAD PROJECT WASHINGTON	22ND ST AND WASHINGTON	CLOQUET	Cloquet City Road Project
Road	Q-4605-001011	2925309	FM-GUIC ROAD PROJECT CLAUSEN (ALBERT LEA)	CLAUSEN AVE	ALBERT LEA	GUIC road project replace ~1,775' 2" PE main.
Road	Q-4605-001016	2930877	BM-GUIC E WILLOW AND MADISON AVE	E WILLOW AND MADISON	DETROIT LAKES	REPLACE 320' OF 4" STEEL AND 160' 2" STEEL SHALLOW
Road	Q-4605-001017	2931395	RO-GUIC ROAD PROJECT HILL AVE(WANAMINGO)	HILL AVENUE	WANAMINGO	GUIC road project install ~490' 2" PE main
Road	Q-4605-001027	2932810	WA-GUIC 4TH ST AND LABREE	4TH ST AND LABREE	THIEF RIVER FALLS	ABANDON 129' OF 1.25" STEEL MAIN
Road	Q-4605-001028	2933216	RO- GUIC RD PROJECT- 2ND ST NE (KASSON)	2ND AVENUE NE	KASSON	Retire 2" WS gas main due to storm water project.
Road	Q-4605-001033	2935892	RM-GUIC-ROAD PROJ. SP1904-31(TH50)	220TH ST E (TH50)	EMPIRE TOWNSHIP	SP1904-31 (EMERGENCY PROJ) Relocate ~800' 2PE for emergency project for MnDOT.
Road	Q-4605-001060	2937180	RO-GUIC 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
Road	Q-4605-001063	2940404	RO-GUIC 15AVE NW CLVRT RELOC (ROCHESTER)	15TH AVE NW	ROCHESTER	Install ~350' of 2"PE main due to culvert relocation.
Road	Q-4605-001067	2945323	BM-GUIC RANDOLPH AND HIGHLAND	RANDOLPH AND HIGHLAND	DETROIT LAKES	Abandon intersection ~400'. Return and install ~250' of 6" PE and 150' 4" PE
Road	Q-4605-001083	2948401	RO-GUIC EYOTA ALLEY- 1ST ST SE (EYOTA)	EYOTA ALLEY	EYOTA	Alley between Center and South Ave relocation due to grading and repaving.
Road	Q-4605-001088	2950597	RO-GUIC 2ND AVE. NW (BYRON)	2ND STREET	BYRON	Install 4" PE to replace steel
Road	Q-4605-001096	2953542	RO-GUIC RED WING ST (KENYON)	RED WING AVE	KENYON	Install ~300 4PE to replace ~300' 4WS
Road	Q-4605-001101	2953515	BM-GUIC MINNESOTA AND 3RD ST NW	MINNESOTA AND 3RD ST NW	BEMIDJI	City sewer an alley project.
Road	Q-4605-001105	2954360	WA-GUIC WADENA BUISNESS PARK SEWER AND W	HOMECREST AVE SE AND COUNTY ROAD 100	WADENA	City of Wadena Sewer and water project.
Road	Q-4605-001119	2965491	RO-GUIC 14TH ST SE (ZUMBROTA)	14TH	ZUMBROTA	Replace main due to depth across 14th St SE Zumbrota
Road	Q-4605-001126	2967815	RO-GUIC 16TH ST NE KASSON (KASSON)	16TH ST	KASSON	Relocate main due to road project (SAP 240-109-001)
Road	Q-4605-001137	2973444	RO-ROAD PROJECT STEWARTVILLE- 398 10THNW	398 NW 10TH ST	STEWARTVILLE	Retire ~65' of 2" Steel
Road	Q-4605-001146	2975380	RO - GUIC - CITY OF WANAMINGO - TALL GRA	9TH ST	WANAMINGO	Abandon ~165' of main due to park expansion
Road	Q-4605-001167	2989825	RO-GUIC-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
	Total					

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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	NA	2693363	GUIC - ROAD RELO SVC REPL W/NO MAIN	ASSORTED	VARIOUS	-	\$ -	\$ -	\$ -	\$ -
Road	Q-4605-000527	2702342	FM-GUIC ROAD PROJ - SOUTH HWY (JACKSON)	Jackson County	6/3/2019	3,186	\$ 154,479.24	\$ 136.03	\$ 300.12	\$ 154,915.39
Road	Q-4605-000798	2845221	RM-GUIC ROAD PROJECT-FARMINGTON	City of Farmington	10/22/2019	6,555	\$ 163,489.23	\$ 144.03	\$ -	\$ 163,633.26
Road	Q-4605-000819	2858315	RO-GUIC RD PROJECT-HWY52 SP 5507-64 CHAT	MNDOT	9/9/2019	14,370	\$ 430,450.81	\$ 49,575.77	\$ -	\$ 480,026.58
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	2854739	FM-GUIC ROAD PROJECT (WELCOME)	City of Welcome	6/21/2019	3,394	\$ 151,638.05	\$ 133.51	\$ 2,250.95	\$ 154,022.51
Road	Q-4605-000833	2858854	RM-GUIC ROAD PROJECT (LAKEVILLE)	City of Lakeville	7/1/2019	5,462	\$ 239,736.39	\$ 4,275.77	\$ -	\$ 244,012.16
Road	Q-4605-000834	2847615	PC-GUIC I-35 AND CSAH 7 ROAD PROJECT	MNDOT	5/13/2019	559	\$ 12,182.59	\$ 8.53	\$ 270.11	\$ 12,461.23
Road	Q-4605-000835	2856743	FM-GUIC ROAD PROJECT (ALBERT LEA)	City of Albert Lea	10/7/2019	2,783	\$ 262,360.50	\$ 1,588.09	\$ -	\$ 263,948.59
Road	Q-4605-000837	2866336	WA-GUIC ROAD RELO HWY 10 PROJECT WADENA	MNDOT	9/16/2019	3,418	\$ 47,677.45	\$ 47.63	\$ 408.29	\$ 48,133.37
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	2853058	RO-GUIC RD PROJECT-ELGIN 1ST ST SE	City of Elgin	4/18/2019	475	\$ 41,811.55	\$ 29.27	\$ -	\$ 41,840.82
Road	Q-4605-000847	2867745	RO-GUIC ROAD PROJECT (STEWARTVILLE)	City of Stewartville	7/19/2019	6,508	\$ 173,935.07	\$ 4,385.55	\$ 720.30	\$ 179,040.92
Road	Q-4605-000849	2868489	CL-GUIC HERMANTOWN DITCHING (LOWER MAIN)	City of Hermantown	8/13/2019	4	\$ 2,880.84	\$ 2.02	\$ -	\$ 2,882.86
Road	Q-4605-000850	2865956	FM-GUIC ROAD PROJECT WINNEBAGO(FAIRMONT)	City of Fairmont	10/28/2019	3,040	\$ 84,734.35	\$ 136.59	\$ 1,513.09	\$ 86,384.03
Road	Q-4605-000854	2867270	RM-GUIC ROAD PROJECT (SCOTT COUNTY 8)	Scott County	7/19/2019	2,291	\$ 58,708.52	\$ 44.52	\$ -	\$ 58,753.04
Road	Q-4605-000858	2867669	WO-GUIC - ROAD PROJECT (ORTONVILLE)	City of Ortonville	5/29/2019	207	\$ 4,692.00	\$ 3.28	\$ 240.09	\$ 4,935.37
Road	Q-4605-000859	2869243	WO-GUIC ROAD PROJECT PHASE 2 (CANBY)	City of Canby	6/21/2019	275	\$ 15,660.90	\$ 10.96	\$ 810.33	\$ 16,482.19
Road	Q-4605-000860	2759897	WA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1	MNDOT	10/5/2019	2,152	\$ (11,412.41)	\$ (10,585.84)	\$ -	\$ (21,998.25)
Road	Q-4605-000861	2759899	WA- GUIC PARK RAPIDS ROUNDABOUT PHASE 2	MNDOT	7/1/2019	2,370	\$ 60,161.47	\$ 140.65	\$ 690.29	\$ 60,992.41
Road	Q-4605-000862	2873572	CL-GUIC BIWABIK PROJECT-BIWABIK	City of Biwabik	4/25/2019	359	\$ 6,887.01	\$ 4.82	\$ -	\$ 6,891.83
Road	Q-4605-000863	2880204	RO-GUIC ROAD PROJECT-4TH ST SW TIE-IN	City of Rochester	4/15/2019	27	\$ 3,445.62	\$ 17,318.17	\$ -	\$ 20,763.79
Road	Q-4605-000864	2880805	RO-GUIC - ROAD PROJECT (RUSHFORD)	City of Rushford	6/24/2019	4,849	\$ 111,524.62	\$ 98.21	\$ 510.22	\$ 112,133.05
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	2866533	BM-GUIC RELOC MAIN CSAH 15 AND TH 7	Beltrami County	5/31/2019	466	\$ 16,134.82	\$ 11.29	\$ 270.11	\$ 16,416.22
Road	Q-4605-000868	2843073	FM-GUIC-ROAD PROJECT(ALBERT LEA STABLES)	City of Albert Lea	6/21/2019	7,973	\$ 190,414.26	\$ 167.52	\$ -	\$ 190,581.78
Road	Q-4605-000871	2885063	RO-GUIC ROAD PROJECT-1ST AVE SE PHASE 2	City of Rochester	9/23/2019	646	\$ 44,592.89	\$ 555.42	\$ -	\$ 45,148.31
Road	Q-4605-000873	2806931	RM-GUIC ROAD PROJECT (DAKOTA 50-23)	Dakota County	11/12/2019	-	\$ 177,027.69	\$ 3,076.16	\$ 600.24	\$ 180,704.09
Road	Q-4605-000881	2883559	BM-GUIC WILLOW ST AND ROOSEVELT RD DL	City of Bemidji	6/3/2019	2,799	\$ 182,122.79	\$ 14,283.75	\$ 44,295.89	\$ 240,702.43
Road	Q-4605-000889	2890685	WA-GUIC COUNTY RD 4 ROAD PROJECT	Wadena County	5/8/2019	177	\$ 4,881.81	\$ 3.42	\$ 270.11	\$ 5,155.34
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	2888591	PC-GUIC ROAD PROJECT NORTH BRANCH WATER	City of North Branch	5/31/2019	1,717	\$ 92,323.93	\$ 233.18	\$ 840.37	\$ 93,397.48
Road	Q-4605-000904	2870629	PC-GUIC HWY 95-HEMMINGWAY ROUNDABOUT	MNDOT	6/11/2019	236	\$ 6,208.38	\$ 4.35	\$ 540.22	\$ 6,752.92
Road	Q-4605-000906	2892699	CL-GUIC WATER AND SEWER PROJECT CALUMET	City of Calumet	7/8/2019	1,355	\$ 29,460.65	\$ 20.62	\$ -	\$ 29,481.27
Road	Q-4605-000908	2893325	CL-GUIC GRAND RAPIDS 2019 STREET IMPROV	City of Grand Rapids	6/20/2019	688	\$ 26,178.24	\$ 1,230.02	\$ 540.22	\$ 27,948.48
Road	Q-4605-000911	2866452	WO-GUIC - ROAD PROJECT (TRACY)	City of Tracy	8/13/2019	1,213	\$ 48,337.96	\$ 33.79	\$ 1,512.64	\$ 49,884.39
Road	Q-4605-000918	2899094	RM-GUIC ROAD PROJECT(CREDIT RIVER TOWNSP)	Credit River Township	7/22/2019	1,223	\$ 25,618.65	\$ 17.94	\$ 480.18	\$ 26,116.77
Road	Q-4605-000919	2899053	RO-GUIC RD PROJECT-CSAH 9 RELOCATIONS	MNDOT	11/5/2019	2,778	\$ 469,123.01	\$ 22,961.97	\$ -	\$ 492,084.98
Road	Q-4605-000922	2898628	CL-GUIC 13TH ST REHAB PROJECT CHISHOLM	City of Chisholm	6/14/2019	2,178	\$ 42,820.20	\$ 29.97	\$ 270.11	\$ 43,120.28
Road	Q-4605-000923	2900934	WO-GUIC - ROAD PROJECT (LAMBERTON)	City of Lamberton	6/11/2019	85	\$ 4,519.10	\$ 3.36	\$ -	\$ 4,522.46
Road	Q-4605-000924	2901828	RO-GUIC - ROAD PROJECT (SPRING GROVE)	City of Spring Grove	8/2/2019	1,160	\$ 39,070.41	\$ 722.44	\$ -	\$ 39,792.85
Road	Q-4605-000926	2902533	RM-GUIC - BONAIRE PATH EAST (ROSEMOUNT)	City of Rosemount	6/14/2019	820	\$ 14,547.11	\$ 10.18	\$ -	\$ 14,557.29
Road	Q-4605-000927	2882688	RO-GUIC - ROAD PROJECT (HWY 30 RUSHFORD)	MNDOT	7/18/2019	1,297	\$ 25,906.68	\$ 18.14	\$ 360.15	\$ 26,284.97
Road	Q-4605-000931	2902309	RO-GUIC - ROAD PROJECT (ZUMBROTA)	City of Zumbrota	8/3/2019	964	\$ 48,654.95	\$ 1,827.37	\$ -	\$ 50,482.32
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	2901982	RM-GUIC - QUARRY ROAD (ROSEMOUNT)	Dakota County	6/11/2019	685	\$ 39,520.47	\$ 27.51	\$ -	\$ 39,547.98
Road	Q-4605-000945	2900909	WA-GUIC HWY 32 AND MARK BLVD ROAD PROJ	MNDOT	7/31/2019	374	\$ 11,636.58	\$ 8.15	\$ 270.11	\$ 11,914.84
Road	Q-4605-000946	2901589	PC-GUIC ROAD PROJECT FAIRFIELD AVE RUSH	Chisago County	6/17/2019	333	\$ 6,100.75	\$ 4.27	\$ 270.11	\$ 6,375.13
Road	Q-4605-000947	2906367	PC-GUIC 2019 PINE CITY STREET PROJECT	City of Pine City	9/16/2019	3,445	\$ 87,610.33	\$ 10,211.38	\$ -	\$ 97,821.71
Road	Q-4605-000970	2902297	WO-GUIC HWY 75 REPLACE (CANBY)	MNDOT	10/7/2019	774	\$ 155,003.41	\$ 9,845.44	\$ -	\$ 164,848.85
Road	Q-4605-000971	2914229	CL-GUIC CHISHOLM ALLEY ROAD PROJECT	City of Chisholm	7/23/2019	390	\$ 8,135.24	\$ 5.71	\$ -	\$ 8,140.95
Road	Q-4605-000976	2907282	RM-GUIC ROAD PROJECT DONALD AVE (EAGAN)	City of Eagan	10/31/2019	2,564	\$ 53,314.90	\$ 684.58	\$ 720.52	\$ 54,720.00
Road	Q-4605-000982	2918108	CL-CO RD 130 RELOCATE 2 PE MAIN RANIER	Itasca County	7/2/2019	140	\$ 3,352.55	\$ 2.35	\$ 270.11	\$ 3,625.01
Road	Q-4605-000987	2919228	PC-W 1ST ST RECONSTRUCTION ROAD PROJECT	City of Rush City	7/29/2019	23	\$ 7,931.32	\$ 5.55	\$ 816.33	\$ 8,753.20
Road	Q-4605-000988	2921253	BM-HANNAH AVE AND 30TH ST NW CITY STREE	City of Bemidji	7/26/2019	187	\$ 4,266.82	\$ 2.99	\$ -	\$ 4,269.81
Road	Q-4605-001010	2928644	CL-GUIC CLOQUET ROAD PROJECT WASHINGTON	Elgin Township	7/22/2019	20	\$ 2,650.46	\$ 1.88	\$ 408.17	\$ 3,060.51
Road	Q-4605-001011	2925309	FM-GUIC ROAD PROJECT CLAUSEN(ALBERT LEA)	City of Albert Lea	7/30/2019	1,316	\$ 30,653.46	\$ 22.26	\$ 240.09	\$ 30,915.81
Road	Q-4605-001016	2930877	BM-GUIC E WILLOW AND MADISON AVE	City of Detroit Lakes	8/12/2019	456	\$ 23,867.31	\$ 16.92	\$ 1,128.47	\$ 25,012.70
Road	Q-4605-001017	2931395	RO-GUIC ROAD PROJECT HILL AVE(WANAMINGO)	City of Wanamingo	8/19/2019	542	\$ 11,232.36	\$ 8.06	\$ -	\$ 11,240.42
Road	Q-4605-001027	2932810	WA-GUIC 4TH ST AND LABREE	City of Thief River Falls	8/12/2019	-	\$ 871.19	\$ 0.61	\$ -	\$ 871.80
Road	Q-4605-001028	2933216	RO- GUIC RD PROJECT- 2ND ST NE (KASSON)	City of Kasson	8/26/2019	-	\$ 1,469.95	\$ 360.80	\$ 360.15	\$ 2,190.90
Road	Q-4605-001033	2935892	RM-GUIC-ROAD PROJ. SP1904-31(THSSO)	MNDOT	8/12/2019	447	\$ 15,138.31	\$ 12.18	\$ 240.09	\$ 15,390.58
Road	Q-4605-001060	2937180	RO-GUIC RD PR N LINE ST (WYKOFF)	Fillmore County	11/17/2019	3,602	\$ 71,521.97	\$ 7,125.20	\$ 277.66	\$ 78,924.83
Road	Q-4605-001063	2940404	RO-GUIC 15AVE NW CLVRT RELOC (ROCHESTER)	City of Rochester	9/30/2019	335	\$ 11,455.01	\$ 10.83	\$ 720.41	\$ 12,186.25
Road	Q-4605-001067	2945323	BM-GUIC RANDOLPH AND HIGHLAND	City of Detroit Lakes	10/7/2019	683	\$ 25,488.05	\$ 24.97	\$ 567.21	\$ 26,080.23
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	2950597	RO-GUIC 2ND AVE. NW (BYRON)	City of Byron	10/7/2019	646	\$ 24,318.02	\$ 616.37	\$ 510.37	\$ 25,444.76
Road	Q-4605-001096	2953542	RO-GUIC RED WING ST (KENYON)	City of Kenyon	11/8/2019	295	\$ 28,605.12	\$ 7,095.06	\$ 879.09	\$ 36,579.27
Road	Q-4605-001101	2953515	BM-GUIC MINNESOTA AND 3RD ST NW	City of Bemidji	10/14/2019	248	\$ 14,537.63	\$ 14.54	\$ 510.37	\$ 15,062.54
Road	Q-4605-001105	2954360	WA-GUIC WADENA BUISNESS PARK SEWER AND W	City of Wadena	9/23/2019	-	\$ 2,001.18	\$ 2.00	\$ -	\$ 2,003.18
Road	Q-4605-001119	2965491	RO-GUIC 14TH ST SE (ZUMBROTA)	City of Zumbrota	10/21/2019	92	\$ 8,995.63	\$ 9.90	\$ -	\$ 9,905.53
Road	Q-4605-001126	2967815	RO-GUIC 16TH ST NE KASSON (KASSON)	City of Kasson	10/14/2019	127	\$ 2,633.97	\$ 2.63	\$ -	\$ 2,636.60
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	2975380	RO - GUIC - CITY OF WANAMINGO - TALL GRA	City of Wanamingo	11/4/2019	-	\$ 1,070.21	\$ 177.53	\$ -	\$ 1,247.74
Road	Q-4605-001167	2989825	RO-GUIC-BENIKE ST RR CROSSING/RD PROJECT	City of Lewiston	12/1/2019	252	\$ 22,093.22	\$ 5,861.36	\$ -	\$ 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

PUBLIC DOCUMENT - PRIVATE DATA ON INDIVIDUALS HAS BEEN EXCISED

Project Type	WBS Element	WR #	Project Name	Number of Service Lines	Total Service Line Footage	Service Install Cost	Total Project Cost	Notes
Road	NA	2693363	GUIC - ROAD RELO SVC REPL W/NO MAIN	19	2,301	\$ 60,191.55	\$ 60,191.55	
Road	Q-4605-000527	2702342	FM-GUIC ROAD PROJ - SOUTH HWY (JACKSON)	4	533	\$ 10,255.68	\$ 165,171.07	
Road	Q-4605-000798	2845221	RM-GUIC ROAD PROJECT-FARMINGTON	82	5,526	\$ 158,883.85	\$ 322,517.11	
Road	Q-4605-000819	2858315	RO-GUIC RD PROJECT-HWY52 SP 5507-64 CHAT	61	6,113	\$ 138,833.03	\$ 618,859.61	
Road	Q-4605-000820	2854727	RM-GUIC-ROAD PROJECT-EMPIRE TOWNSHIP	42	3,165	\$ 94,683.24	\$ 162,986.29	
Road	Q-4605-000827	2854739	FM-GUIC ROAD PROJECT (WELCOME)	5	183	\$ 7,301.12	\$ 161,323.63	
Road	Q-4605-000833	2858854	RM-GUIC ROAD PROJECT (LAKEVILLE)	12	992	\$ 26,310.99	\$ 270,323.15	
Road	Q-4605-000834	2847615	PC-GUIC I-35 AND CSAH 7 ROAD PROJECT	0	-	\$ -	\$ 12,461.23	
Road	Q-4605-000835	2856743	FM-GUIC ROAD PROJECT (ALBERT LEA)	2	347	\$ 6,557.00	\$ 270,505.59	
Road	Q-4605-000837	2866336	WA-GUIC ROAD RELO HWY 10 PROJECT WADENA	10	2,293	\$ 43,629.79	\$ 91,763.16	
Road	Q-4605-000839	2795879	CL-GUIC NEW VALVE DUE TO 2016 ROAD	0	-	\$ -	\$ 1,168.39	
Road	Q-4605-000840	2853058	RO-GUIC RD PROJECT-ELGIN 1ST ST SE	0	-	\$ -	\$ 41,840.82	
Road	Q-4605-000847	2867745	RO-GUIC ROAD PROJECT (STEWARTVILLE)	50	1,994	\$ 73,957.78	\$ 252,998.70	
Road	Q-4605-000849	2868489	CL-GUIC HERMANTOWN DITCHING (LOWER MAIN)	0	-	\$ -	\$ 2,882.86	
Road	Q-4605-000850	2865956	FM-GUIC ROAD PROJECT WINNEBAGO(FAIRMONT)	13	1,041	\$ 25,501.23	\$ 111,885.26	
Road	Q-4605-000854	2867270	RM-GUIC ROAD PROJECT (SCOTT COUNTY 8)	1	-	\$ 1,594.79	\$ 60,347.83	
Road	Q-4605-000858	2867669	WO-GUIC - ROAD PROJECT (ORTONVILLE)	0	-	\$ -	\$ 4,935.37	
Road	Q-4605-000859	2869243	WO-GUIC ROAD PROJECT PHASE 2 (CANBY)	0	-	\$ -	\$ 16,482.19	
Road	Q-4605-000860	2759897	WA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1	9	1,412	\$ 26,435.83	\$ 4,437.58	
Road	Q-4605-000861	2759899	WA- GUIC PARK RAPIDS ROUNDABOUT PHASE 2	0	-	\$ -	\$ 60,992.41	
Road	Q-4605-000862	2873572	CL-GUIC BIWABIK PROJECT-BIWABIK	2	89	\$ 2,770.64	\$ 9,662.47	
Road	Q-4605-000863	2880204	RO-GUIC ROAD PROJECT-4TH ST SW TIE-IN	0	-	\$ -	\$ 20,763.79	
Road	Q-4605-000864	2880805	RO-GUIC - ROAD PROJECT (RUSHFORD)	35	1,866	\$ 65,315.21	\$ 177,448.26	
Road	Q-4605-000866	2873941	BM-GUIC WEST AVE ROAD PROJECT DETROIT LK	71	6,302	\$ 166,344.89	\$ 302,280.95	
Road	Q-4605-000867	2866533	BM-GUIC RELOC MAIN CSAH 15 AND TH 7	0	-	\$ -	\$ 16,416.22	
Road	Q-4605-000868	2843073	FM-GUIC-ROAD PROJECT(ALBERT LEA STABLES)	36	2,591	\$ 61,064.50	\$ 251,646.28	
Road	Q-4605-000871	2885063	RO-GUIC ROAD PROJECT-1ST AVE SE PHASE 2	0	-	\$ -	\$ 45,148.31	
Road	Q-4605-000873	2806931	RM-GUIC ROAD PROJECT (DAKOTA 50-23)	0	-	\$ -	\$ 180,704.09	
Road	Q-4605-000881	2883559	BM-GUIC WILLOW ST AND ROOSEVELT RD DL	39	3,334	\$ 96,176.04	\$ 336,878.47	
Road	Q-4605-000889	2890685	WA-GUIC. COUNTY RD 4 ROAD PROJECT	2	62	\$ 2,043.45	\$ 7,198.79	
Road	Q-4605-000890	2891281	RO-GUIC - ROAD PROJECT (MANTORVILLE)	7	353	\$ 11,626.26	\$ 38,366.42	
Road	Q-4605-000891	2888591	PC-GUIC ROAD PROJECT NORTH BRANCH WATER	0	-	\$ -	\$ 93,397.48	
Road	Q-4605-000904	2879629	PC-GUIC HWY 95-HEMMINGWAY ROUNDABOUT	0	-	\$ -	\$ 6,752.92	
Road	Q-4605-000906	2892699	CL-GUIC WATER AND SEWER PROJECT CALUMET	16	1,320	\$ 41,061.18	\$ 70,542.45	
Road	Q-4605-000908	2893325	CL- GUIC GRAND RAPIDS 2019 STREET IMPROV	13	622	\$ 34,977.96	\$ 62,926.44	
Road	Q-4605-000911	2866452	WO-GUIC - ROAD PROJECT (TRACY)	0	-	\$ -	\$ 49,884.39	
Road	Q-4605-000918	2899094	RM-GUIC ROAD PROJECT(CREDIT RIVER TWNSP)	1	150	\$ 3,397.19	\$ 29,513.96	
Road	Q-4605-000919	2899053	RO-GUIC RD PROJECT-CSAH 9 RELOCATIONS	0	-	\$ -	\$ 492,084.98	
Road	Q-4605-000922	2898628	CL-GUIC 13TH ST REHAB PROJECT CHISHOLM	15	1,523	\$ 34,256.39	\$ 77,376.67	
Road	Q-4605-000923	2900934	WO-GUIC - ROAD PROJECT (LAMBERTON)	0	-	\$ -	\$ 4,522.46	
Road	Q-4605-000924	2901828	RO-GUIC - ROAD PROJECT (SPRING GROVE)	1	32	\$ 2,633.45	\$ 42,426.30	
Road	Q-4605-000926	2902533	RM-GUIC - BONAIRE PATH EAST (ROSEMOUNT)	1	800	\$ 4,756.48	\$ 19,313.77	
Road	Q-4605-000927	2882688	RO-GUIC - ROAD PROJECT (HWY 30 RUSHFORD)	0	-	\$ -	\$ 26,284.97	
Road	Q-4605-000931	2902309	RO-GUIC - ROAD PROJECT (ZUMBROTA)	5	558	\$ 16,821.05	\$ 67,303.37	
Road	Q-4605-000935	2901894	WA-GUIC SEBEKA CSAH 12 PROJECT	0	-	\$ -	\$ 11,492.67	
Road	Q-4605-000936	2901982	RM-GUIC - QUARRY ROAD (ROSEMOUNT)	0	-	\$ -	\$ 39,547.98	
Road	Q-4605-000945	2900909	WA-GUIC HWY 32 AND MARK BLVD ROAD PROJ	2	47	\$ 1,486.03	\$ 13,400.87	
Road	Q-4605-000946	2901589	PC-GUIC ROAD PROJECT FAIRFIELD AVE RUSH	0	-	\$ -	\$ 6,375.13	
Road	Q-4605-000947	2906367	PC-GUIC 2019 PINE CITY STREET PROJECT	21	1,887	\$ 49,816.58	\$ 147,638.29	
Road	Q-4605-000970	2902297	WO-GUIC HWY 75 REPLACE (CANBY)	0	-	\$ -	\$ 164,848.85	
Road	Q-4605-000971	2914229	CL-GUIC CHISHOLM ALLEY ROAD PROJECT	7	824	\$ 16,936.82	\$ 25,077.77	
Road	Q-4605-000976	2907282	RM-GUIC ROAD PROJECT DONALD AVE (EAGAN)	60	5,009	\$ 137,306.65	\$ 192,026.65	
Road	Q-4605-000982	2918108	CL-CO RD 130 RELOCATE 2 PE MAIN RANIER	0	-	\$ -	\$ 3,625.01	
Road	Q-4605-000987	2919228	PC-W 1ST ST RECONSTRUCTION ROAD PROJECT	2	150	\$ 5,375.10	\$ 14,128.30	
Road	Q-4605-000988	2921253	BM-HANNAH AVE AND 30TH ST NW. CITY STREE	0	-	\$ -	\$ 4,269.81	
Road	Q-4605-001010	2928644	CL-GUIC CLOQUET ROAD PROJECT WASHINGTON	0	-	\$ -	\$ 3,060.51	
Road	Q-4605-001011	2925309	FM-GUIC ROAD PROJECT CLAUSEN(ALBERT LEA)	6	315	\$ 9,740.94	\$ 40,656.75	
Road	Q-4605-001016	2930877	BM-GUIC E WILLOW AND MADISON AVE	0	-	\$ -	\$ 25,012.70	
Road	Q-4605-001017	2931395	RO-GUIC ROAD PROJECT HILL AVE(WANAMINGO)	0	-	\$ -	\$ 11,240.42	
Road	Q-4605-001027	2932810	WA-GUIC 4TH ST AND LABREE	0	-	\$ -	\$ 871.80	Retirement only
Road	Q-4605-001028	2933216	RO- GUIC RD PROJECT- 2ND ST NE (KASSON)	0	-	\$ -	\$ 2,190.90	Retirement only
Road	Q-4605-001033	2935892	RM-GUIC-ROAD PROJ- SP1904-31(THSO)	0	-	\$ -	\$ 15,390.58	
Road	Q-4605-001060	2937180	RO-GUIC RD PR N LINE ST (WYKOFF)	11	842	\$ 22,957.45	\$ 101,882.28	
Road	Q-4605-001063	2940404	RO-GUIC 1SAVE NW CLVRT RELOC (ROCHESTER)	2	206	\$ 5,930.09	\$ 18,116.34	
Road	Q-4605-001067	2945323	BM-GUIC RANDOLPH AND HIGHLAND	0	-	\$ -	\$ 26,080.23	
Road	Q-4605-001083	2948401	RO-GUIC EYOTA ALLEY- 1ST ST SE (EYOTA)	6	520	\$ 17,580.22	\$ 27,625.39	
Road	Q-4605-001088	2950597	RO-GUIC 2ND AVE. NW (BYRON)	6	231	\$ 9,287.15	\$ 34,731.91	
Road	Q-4605-001096	2953542	RO-GUIC RED WING ST (KENYON)	0	-	\$ -	\$ 36,579.27	
Road	Q-4605-001101	2953515	BM-GUIC MINNESOTA AND 3RD ST NW	3	130	\$ 6,236.22	\$ 21,298.76	
Road	Q-4605-001105	2954360	WA-GUIC WADENA BUISNESS PARK SEWER AND W	0	-	\$ -	\$ 2,003.18	Retirement only
Road	Q-4605-001119	2965491	RO-GUIC 14TH ST SE (ZUMBROTA)	0	-	\$ -	\$ 9,905.53	
Road	Q-4605-001126	2967815	RO-GUIC 16TH ST NE KASSON (KASSON)	0	-	\$ -	\$ 2,636.60	
Road	Q-4605-001137	2973444	RO-ROAD PROJECT STEWARTVILLE- 398 10THNW	0	-	\$ -	\$ 5,635.22	Retirement only
Road	Q-4605-001146	2975380	RO - GUIC - CITY OF WANAMINGO - TALL GRA	0	-	\$ -	\$ 1,247.74	Retirement only
Road	Q-4605-001167	2989825	RO-GUIC-BENIKE ST RR CROSSING/RD PROJECT	0	-	\$ -	\$ 27,954.58	
Total				680	55,663	\$ 1,500,033.82	\$ 6,159,470.03	
Service Internal Labor Cost						\$ 167,990.56		
				680	55,663	\$ 1,668,024.38	\$ 6,327,460.59	

EXHIBIT E – DETAILED DATA

PUBLIC DOCUMENT - PRIVATE DATA ON INDIVIDUALS HAS BEEN EXCISED

Project Type	WBS Element	WR #	Project Name	Additions												Total Footage Installed
				1" Plastic	2" Plastic	4" Plastic	6" Plastic	8" Plastic	1" Steel	1-1/2" Steel	2" Steel	3" Steel	4" Steel	6" Steel		
Road	Q-4605-000527	2702342	FM-GUIC ROAD PROJ - SOUTH HWY (JACKSON)	3	303	6	2,874	0	0	0	0	0	0	0	0	3,186
Road	Q-4605-000798	2845221	RM-GUIC ROAD PROJECT-FARMINGTON	14	3,538	3,003	0	0	0	0	0	0	0	0	0	6,555
Road	Q-4605-000819	2858315	RO-GUIC RD PROJECT-HWY52 SP 5507-64 CHAT	5	10,052	4,313	0	0	0	0	0	0	0	0	0	14,370
Road	Q-4605-000820	2854727	RM-GUIC-ROAD PROJECT-EMPIRE TOWNSHIP	0	2,940	0	0	0	0	0	0	0	0	0	0	2,940
Road	Q-4605-000827	2854739	FM-GUIC ROAD PROJECT (WELCOME)	0	970	2,295	0	0	0	0	0	0	129	0	0	3,394
Road	Q-4605-000833	2858854	RM-GUIC ROAD PROJECT (LAKEVILLE)	2	1,634	45	3,781	0	0	0	0	0	0	0	0	5,462
Road	Q-4605-000834	2847615	PC-GUIC I-35 AND CSAH 7 ROAD PROJECT	0	559	0	0	0	0	0	0	0	0	0	0	559
Road	Q-4605-000835	2856743	FM-GUIC ROAD PROJECT (ALBERT LEA)	0	251	24	1,000	1,508	0	0	0	0	0	0	0	2,783
Road	Q-4605-000837	2866336	WA-GUIC ROAD RELO HWY 10 PROJECT WADENA	0	3418	0	0	0	0	0	0	0	0	0	0	3,418
Road	Q-4605-000839	2795879	CL-GUIC NEW VALVE DUE TO 2016 ROAD	0	2	0	0	0	0	0	0	0	0	0	0	2
Road	Q-4605-000840	2853058	RO-GUIC RD PROJECT-ELGIN 1ST ST SE	0	138	169	0	0	153	0	12	3	0	0	0	475
Road	Q-4605-000847	2867745	RO-GUIC ROAD PROJECT (STEWARTVILLE)	0	3,979	2,529	0	0	0	0	0	0	0	0	0	6,508
Road	Q-4605-000849	2868489	CL-GUIC HERMANTOWN DITCHING (LOWER MAIN)	2	2	0	0	0	0	0	0	0	0	0	0	4
Road	Q-4605-000850	2865956	FM-GUIC ROAD PROJECT WINNEBAGO(FAIRMONT)	0	572	2,468	0	0	0	0	0	0	0	0	0	3,040
Road	Q-4605-000854	2867270	RM-GUIC ROAD PROJECT (SCOTT COUNTY 8)	22	413	1,856	0	0	0	0	0	0	0	0	0	2,291
Road	Q-4605-000858	2867669	WO-GUIC - ROAD PROJECT (ORTONVILLE)	0	207	0	0	0	0	0	0	0	0	0	0	207
Road	Q-4605-000859	2869243	WO-GUIC ROAD PROJECT PHASE 2 (CANBY)	0	81	194	0	0	0	0	0	0	0	0	0	275
Road	Q-4605-000860	2759897	WA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1	2	2	631	769	748	2	0	0	0	0	0	0	2,152
Road	Q-4605-000861	2759899	WA- GUIC PARK RAPIDS ROUNDABOUT PHASE 2	1	178	2,077	114	0	0	0	0	0	0	0	0	2,370
Road	Q-4605-000862	2873572	CL-GUIC BIWABIK PROJECT-BIWABIK	0	359	0	0	0	0	0	0	0	0	0	0	359
Road	Q-4605-000863	2880204	RO-GUIC ROAD PROJECT-4TH ST SW TIE-IN	1	26	0	0	0	0	0	0	0	0	0	0	27
Road	Q-4605-000864	2880805	RO-GUIC - ROAD PROJECT (RUSHFORD)	0	4,848	0	0	0	1	0	0	0	0	0	0	4,849
Road	Q-4605-000866	2873941	BM-GUIC WEST AVE ROAD PROJECT DETROIT LK	0	4,219	964	0	0	0	0	0	0	0	0	0	5,183
Road	Q-4605-000867	2866533	BM-GUIC RELOC MAIN CSAH 15 AND TH 7	0	4	462	0	0	0	0	0	0	0	0	0	466
Road	Q-4605-000868	2843073	FM-GUIC-ROAD PROJECT(ALBERT LEA STABLES)	2	3,667	4,304	0	0	0	0	0	0	0	0	0	7,973
Road	Q-4605-000871	2885063	RO-GUIC ROAD PROJECT-1ST AVE SE PHASE 2	0			646	0	0	0	0	0	0	0	0	646
Road	Q-4605-000873	2806931	RM-GUIC ROAD PROJECT (DAKOTA 50-23)	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	Q-4605-000881	2883559	BM-GUIC WILLOW ST AND ROOSEVELT RD DL	0	805	10	1,061	923	0	0	0	0	0	0	0	2,799
Road	Q-4605-000889	2890685	WA-GUIC COUNTY RD 4 ROAD PROJECT	1	176	0	0	0	0	0	0	0	0	0	0	177
Road	Q-4605-000890	2891281	RO-GUIC - ROAD PROJECT (MANTORVILLE)	5	1,073	0	0	0	0	0	0	0	0	0	0	1,078
Road	Q-4605-000891	2888591	PC-GUIC ROAD PROJECT NORTH BRANCH WATER	1	0	19	1,697	0	0	0	0	0	0	0	0	1,717
Road	Q-4605-000904	2879629	PC-GUIC HWY 95-HEMMINGWAY ROUNDABOUT	0	236	0	0	0	0	0	0	0	0	0	0	236
Road	Q-4605-000906	2892699	CL-GUIC WATER AND SEWER PROJECT CALUMET	0	1,355	0	0	0	0	0	0	0	0	0	0	1,355
Road	Q-4605-000908	2893325	CL- GUIC GRAND RAPIDS 2019 STREET IMPROV	0	688	0	0	0	0	0	0	0	0	0	0	688
Road	Q-4605-000911	2866452	WO-GUIC - ROAD PROJECT (TRACY)	0	454	493	0	0	0	0	0	0	266	0	0	1,213
Road	Q-4605-000918	2899094	RM-GUIC ROAD PROJECT(CREDIT RIVER TWNSP)	2	791	430	0	0	0	0	0	0	0	0	0	1,223
Road	Q-4605-000919	2899053	RO-GUIC RD PROJECT-CSAH 9 RELOCATIONS	0	1	0	0	0	0	0	400	0	6	6,871	0	7,278
Road	Q-4605-000922	2898628	CL-GUIC 13TH ST REHAB PROJECT CHISHOLM	0	2,178	0	0	0	0	0	0	0	0	0	0	2,178
Road	Q-4605-000923	2900934	WO-GUIC - ROAD PROJECT (LAMBERTON)	0	0	85	0	0	0	0	0	0	0	0	0	85
Road	Q-4605-000924	2901828	RO-GUIC - ROAD PROJECT (SPRING GROVE)	1	1,159	0	0	0	0	0	0	0	0	0	0	1,160
Road	Q-4605-000926	2902533	RM-GUIC - BONAIRE PATH EAST (ROSEMOUNT)	0	820	0	0	0	0	0	0	0	0	0	0	820
Road	Q-4605-000927	2882688	RO-GUIC - ROAD PROJECT (HWY 30 RUSHFORD)	0	1,297	0	0	0	0	0	0	0	0	0	0	1,297
Road	Q-4605-000931	2902309	RO-GUIC - ROAD PROJECT (ZUMBROTA)	19	375	0	570	0	0	0	0	0	0	0	0	964
Road	Q-4605-000935	2901894	WA-GUIC SEBEKA CSAH 12 PROJECT	0	586	0	0	0	0	0	0	0	0	0	0	586
Road	Q-4605-000936	2901982	RM-GUIC - QUARRY ROAD (ROSEMOUNT)	0	0	0	685	0	0	0	0	0	0	0	0	685
Road	Q-4605-000945	2900909	WA-GUIC HWY 32 AND MARK BLVD ROAD PROJ	0	2	372	0	0	0	0	0	0	0	0	0	374
Road	Q-4605-000946	2901589	PC-GUIC ROAD PROJECT FAIRFIELD AVE RUSH	0	333	0	0	0	0	0	0	0	0	0	0	333
Road	Q-4605-000947	2906367	PC-GUIC 2019 PINE CITY STREET PROJECT	0	3,445	0	0	0	0	0	0	0	0	0	0	3,445
Road	Q-4605-000970	2902297	WO-GUIC HWY 75 REPLACE (CANBY)	0	0	0	0	0	0	0	0	0	774	0	0	774
Road	Q-4605-000971	2914229	CL-GUIC CHISHOLM ALLEY ROAD PROJECT	0	390	0	0	0	0	0	0	0	0	0	0	390
Road	Q-4605-000976	2907282	RM-GUIC ROAD PROJECT DONALD AVE (EAGAN)	0	2,564	0	0	0	0	0	0	0	0	0	0	2,564
Road	Q-4605-000982	2918108	CL-CO RD 130 RELOCATE 2 PE MAIN RANIER	0	140	0	0	0	0	0	0	0	0	0	0	140
Road	Q-4605-000987	2919228	PC-W 1ST ST RECONSTRUCTION ROAD PROJECT	0	0	0	0	0	0	0	23	0	0	0	0	23
Road	Q-4605-000988	2921253	BM-HANNAH AVE AND 30TH ST NW CITY STREE	0	187	0	0	0	0	0	0	0	0	0	0	187
Road	Q-4605-001010	2928644	CL-GUIC CLOQUET ROAD PROJECT WASHINGTON	0	0	0	0	0	0	0	20	0	0	0	0	20
Road	Q-4605-001011	2925309	FM-GUIC ROAD PROJECT CLAUSEN(ALBERT LEA)	0	1,316	0	0	0	0	0	0	0	0	0	0	1,316
Road	Q-4605-001016	2930877	BM-GUIC E WILLOW AND MADISON AVE	0	0	0	0	0	0	0	162	0	294	0	0	456
Road	Q-4605-001017	2931395	RO-GUIC ROAD PROJECT HILL AVE(WANAMINGO)	0	542	0	0	0	0	0	0	0	0	0	0	542
Road	Q-4605-001027	2932810	WA-GUIC 4TH ST AND LABREE	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	Q-4605-001028	2933216	RO- GUIC RD PROJECT- 2ND ST NE (KASSON)	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	Q-4605-001033	2935892	RM-GUIC-ROAD PROJ- SP1904-31(TH50)	2	445	0	0	0	0	0	0	0	0	0	0	447
Road	Q-4605-001060	2937180	RO-GUIC RD PR N LINE ST (WYKOFF)	0	3602	0	0	0	0	0	0	0	0	0	0	3,602
Road	Q-4605-001063	2940404	RO-GUIC 15AVE NW CLVRT RELOC (ROCHESTER)	0	335	0	0	0	0	0	0	0	0	0	0	335
Road	Q-4605-001067	2945323	BM-GUIC RANDOLPH AND HIGHLAND	0	0	166	517	0	0	0	0	0	0	0	0	683
Road	Q-4605-001083	2948401	RO-GUIC EYOTA ALLEY- 1ST ST SE (EYOTA)	0	312	0	0	0	0	0	0	0	0	0	0	312
Road	Q-4605-001088	2950597	RO-GUIC 2ND AVE. NW (BYRON)	2	0	644	0	0	0	0	0	0	0	0	0	646
Road	Q-4605-001096	2953542	RO-GUIC RED WING ST (KENYON)	0	0	293	0	0	0	0	0	0	1	1	0	295
Road	Q-4605-001101	2953515	BM-GUIC MINNESOTA AND 3RD ST NW	0	22	226	0	0	0	0	0	0	0	0	0	248
Road	Q-4605-001105	2954360	WA-GUIC WADENA BUSINESS PARK SEWER AND W	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	Q-4605-001119	2965491	RO-GUIC 14TH ST SE (ZUMBROTA)	0	0	0	0	0	0	0	92	0	0	0	0	92
Road	Q-4605-001126	2967815	RO-GUIC 16TH ST NE KASSON (KASSON)	27	100	0	0	0	0	0	0	0	0	0	0	127
Road	Q-4605-001137	2973444	RO-ROAD PROJECT STEWARTVILLE- 398 10THNW	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	Q-4605-001146	2975380	RO - GUIC - CITY OF WANAMINGO - TALL GRA	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	Q-4605-001167	2989825	RO-GUIC-BENIKE ST RR CROSSING/RD PROJECT	0	0	252	0	0	0	0	0	0	0	0	0	252
Total				114	68,091	28,330	13,714	3,179	154	0	709	4	1,470	6,871	122,636	

PUBLIC DOCUMENT - PRIVATE DATA ON INDIVIDUALS HAS BEEN EXCISED

			Retirements																			
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 Retired	Note	
Road	Q-4605-000527	2702342	FM-GUIC ROAD PROJ - SOUTH HWY (JACKSON)	0	0	0	-661	0	0	-2,834	-13	0	0	0	-752	0	0	0	0	0	-4,260	
Road	Q-4605-000798	2845221	RM-GUIC ROAD PROJECT-FARMINGTON	0	0	0	-6,446	0	0	-40	0	0	0	0	0	0	0	0	0	0	-6,486	
Road	Q-4605-000819	2858315	RO-GUIC RD PROJECT-HWY52 SP 5507-64 CHAT	0	0	0	-7,490	0	0	-139	0	0	0	0	-1,962	0	0	0	0	0	-9,591	
Road	Q-4605-000820	2854727	RM-GUIC-ROAD PROJECT-EMPIRE TOWNSHIP	0	0	0	-1,719	0	0	0	0	0	0	0	-1,174	0	0	0	0	0	-2,893	
Road	Q-4605-000827	2854739	FM-GUIC ROAD PROJECT (WELCOME)	0	0	0	0	0	0	0	0	0	0	0	-1,679	-1,743	0	0	0	0	-3,422	
Road	Q-4605-000833	2858854	RM-GUIC ROAD PROJECT (LAKEVILLE)	0	0	0	-5,038	0	0	-265	0	0	0	0	0	0	0	0	0	0	-5,303	
Road	Q-4605-000834	2847615	PC-GUIC I-35 AND CSAH 7 ROAD PROJECT	0	0	0	-497	0	0	-175	0	0	0	0	0	0	0	0	0	0	-672	
Road	Q-4605-000835	2856743	FM-GUIC ROAD PROJECT (ALBERT LEA)	0	0	0	-179	0	0	-451	-3	0	0	0	0	0	-26	-348	-727	-1,734		
Road	Q-4605-000837	2866336	WA-GUIC ROAD RELO HWY 10 PROJECT WADENA	0	0	0	-993	0	0	0	0	0	-147	-1,181	-3,215	-646	0	0	0	0	-6,182	
Road	Q-4605-000839	2795879	CL-GUIC NEW VALVE DUE TO 2016 ROAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-4	
Road	Q-4605-000840	2853058	RO-GUIC RD PROJECT-ELGIN 1ST ST SE	0	0	0	-4	-3	0	0	0	0	0	0	-69	-138	-11	0	0	0	-225	
Road	Q-4605-000847	2867745	RO-GUIC ROAD PROJECT (STEWARTVILLE)	0	0	0	0	0	0	-13	0	0	0	0	-3,095	0	-3	0	0	0	-3,111	
Road	Q-4605-000849	2868489	CL-GUIC HERMANTOWN DITCHING (LOWER MAIN)	0	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	
Road	Q-4605-000850	2865956	FM-GUIC ROAD PROJECT WINNEBAGO(FARMONT)	0	0	0	-79	0	0	-287	0	0	0	0	-1,330	0	-1,561	0	0	0	-3,257	
Road	Q-4605-000854	2867270	RM-GUIC ROAD PROJECT (SCOTT COUNTY 8)	0	0	0	-547	0	0	-1,438	0	0	0	0	0	0	0	0	0	0	-1,985	
Road	Q-4605-000858	2867669	WO-GUIC - ROAD PROJECT (ORTONVILLE)	0	0	0	-206	0	0	0	0	0	0	0	0	0	0	0	0	0	-206	
Road	Q-4605-000859	2869243	WO-GUIC ROAD PROJECT PHASE 2 (CANBY)	0	0	0	-80	0	0	-188	0	0	0	0	0	0	0	0	0	0	-268	
Road	Q-4605-000860	2759897	WA-GUIC PARK RAPIDS ROUNDABOUT PHASE 1	0	0	0	-152	0	0	-611	-872	0	0	0	0	0	0	0	-214	-1,849		
Road	Q-4605-000861	2759899	WA- GUIC PARK RAPIDS ROUNDABOUT PHASE 2	0	0	0	0	0	0	-2,222	-72	0	0	0	0	0	0	0	0	0	-2,294	
Road	Q-4605-000862	2873572	CL-GUIC BIWABIK PROJECT-BIWABIK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Road	Q-4605-000863	2880204	RO-GUIC ROAD PROJECT-4TH ST SW TIE-IN	0	0	0	0	0	0	0	-6	0	0	0	0	0	0	0	0	0	-6	
Road	Q-4605-000864	2880805	RO-GUIC - ROAD PROJECT (RUSHFORD)	0	0	0	-324	0	0	0	0	0	0	0	-1,480	-1,210	0	0	0	0	-3,014	
Road	Q-4605-000866	2873941	BM-GUIC WEST AVE ROAD PROJECT DETROIT LK	0	0	0	-2	0	0	0	0	0	0	0	-5,837	-295	0	0	0	0	-6,134	
Road	Q-4605-000867	2866533	BM-GUIC RELOC MAIN CSAH 15 AND TH 7	0	0	0	0	0	0	-368	0	0	0	0	0	0	0	0	0	0	-368	
Road	Q-4605-000868	2843073	FM-GUIC-ROAD PROJECT(ALBERT LEA STABLES)	0	0	0	0	0	0	0	0	0	-87	0	-1,683	0	-6,516	0	0	0	-8,286	
Road	Q-4605-000871	2885063	RO-GUIC ROAD PROJECT-1ST AVE SE PHASE 2	0	0	0	0	0	0	-423	-104	0	0	0	0	0	0	0	0	0	-527	
Road	Q-4605-000873	2806931	RM-GUIC ROAD PROJECT (DAKOTA 50-23)	0	0	0	-1,845	0	0	-8	-166	0	0	0	0	0	0	0	0	0	-2,019	
Road	Q-4605-000881	2883559	BM-GUIC WILLOW ST AND ROOSEVELT RD DL	0	0	0	0	0	0	0	0	0	0	0	-1,350	0	-837	-1,218	0	0	-3,405	
Road	Q-4605-000889	2890685	WA-GUIC COUNTY RD 4 ROAD PROJECT	0	0	0	-17	0	0	0	0	0	0	0	-188	0	0	0	0	0	-205	
Road	Q-4605-000890	2891281	RO-GUIC - ROAD PROJECT (MANTORVILLE)	0	0	0	-792	0	0	0	0	0	0	0	0	0	0	0	0	0	-792	
Road	Q-4605-000891	2888591	PC-GUIC ROAD PROJECT NORTH BRANCH WATER	0	0	0	-19	0	0	-235	-1,354	0	0	0	0	0	0	0	0	0	-1,608	
Road	Q-4605-000904	2879629	PC-GUIC HWY 95-HEMMINGWAY ROUNDABOUT	0	0	0	-1,711	0	0	0	0	0	0	0	-6	0	0	0	0	0	-1,717	
Road	Q-4605-000906	2892699	CL-GUIC WATER AND SEWER PROJECT CALUMET	0	0	-926	0	0	0	0	0	0	-833	0	0	0	0	0	0	0	-1,759	
Road	Q-4605-000908	2893325	CL- GUIC GRAND RAPIDS 2019 STREET IMPROV	0	0	0	0	0	0	0	0	0	0	-55	0	-324	0	0	0	0	-379	
Road	Q-4605-000911	2866452	WO-GUIC - ROAD PROJECT (TRACY)	0	0	0	-200	0	0	0	0	0	0	0	0	0	-1	-686	0	0	-887	
Road	Q-4605-000918	2899094	RM-GUIC ROAD PROJECT(CREDIT RIVER TWNSP)	0	0	0	-801	0	0	0	0	0	0	0	0	0	0	0	0	0	-801	
Road	Q-4605-000919	2899053	RO-GUIC RD PROJECT-CSAH 9 RELOCATIONS	0	0	0	0	0	0	-198	0	0	0	0	-193	-6,763	-32	0	0	0	-7,186	
Road	Q-4605-000922	2898628	CL-GUIC 13TH ST REHAB PROJECT CHISHOLM	0	0	0	-1,694	0	0	0	0	0	-366	0	-142	0	0	0	0	0	-2,202	
Road	Q-4605-000923	2900934	WO-GUIC - ROAD PROJECT (LAMBERTON)	0	0	0	0	0	0	-86	0	0	0	0	0	0	0	0	0	0	-86	
Road	Q-4605-000924	2901828	RO-GUIC - ROAD PROJECT (SPRING GROVE)	0	0	0	-11	0	0	0	0	0	-48	0	-1,052	0	-48	0	0	0	-1,159	
Road	Q-4605-000926	2902533	RM-GUIC - BONAIRE PATH EAST (ROSEMOUNT)	0	0	0	-777	0	0	0	0	0	0	0	0	0	0	0	0	0	-777	
Road	Q-4605-000927	2882688	RO-GUIC - ROAD PROJECT (HWY 30 RUSHFORD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Road	Q-4605-000931	2902309	RO-GUIC - ROAD PROJECT (ZUMBROTA)	0	0	0	0	0	-25	-60	-15	0	0	0	0	-784	-673	0	0	0	-1,557	
Road	Q-4605-000935	2901894	WA-GUIC SEBEKA CSAH 12 PROJECT	0	0	0	-591	0	0	0	0	0	0	0	0	0	0	0	0	0	-591	
Road	Q-4605-000936	2901982	RM-GUIC - QUARRY ROAD (ROSEMOUNT)	0	0	0	0	0	0	-5	-20	0	0	0	0	0	0	0	0	0	-25	
Road	Q-4605-000945	2900909	WA-GUIC HWY 32 AND MARK BLVD ROAD PROJ	0	0	0	-2	0	0	-601	0	0	0	0	0	0	0	0	0	0	-603	
Road	Q-4605-000946	2901589	PC-GUIC ROAD PROJECT FAIRFIELD AVE RUSH	0	0	0	-82	0	0	0	0	0	0	0	0	0	0	0	0	0	-82	
Road	Q-4605-000947	2906367	PC-GUIC 2019 PINE CITY STREET PROJECT	0	0	0	-750	0	0	-22	0	0	0	0	0	-916	-304	-156	0	0	-2,148	
Road	Q-4605-000970	2902297	WO-GUIC HWY 75 REPLACE (CANBY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-523	0	0	-523	
Road	Q-4605-000971	2914229	CL-GUIC CHISHOLM ALLEY ROAD PROJECT	0	0	0	-229	0	0	0	0	0	0	0	0	-49	0	0	0	0	-278	
Road	Q-4605-000976	2907282	RM-GUIC ROAD PROJECT DONALD AVE (EAGAN)	0	0	0	0	0	0	0	0	0	0	0	-2,570	0	0	0	0	0	-2,570	
Road	Q-4605-000982	2918108	CL-CO RD 130 RELOCATE 2 PE MAIN RANIER	0	0	0	-109	0	0	0	0	0	0	0	0	0	0	0	0	0	-109	
Road	Q-4605-000987	2919228	PC-W 1ST ST RECONSTRUCTION ROAD PROJECT	0	0	0	0	0	0	0	0	0	0	0	0	-40	0	0	0	0	-40	
Road	Q-4605-000988	2921253	BM-HANNAH AVE AND 30TH ST NW CITY STREE	0	0	0	-228	0	0	0	0	0	0	0	0	0	0	0	0	0	-228	
Road	Q-4605-001010	2928644	CL-GUIC CLOQUET ROAD PROJECT WASHINGTON	0	0	0	0	0	0	0	0	0	0	0	0	-28	0	0	0	0	-28	
Road	Q-4605-001011	2925309	FM-GUIC ROAD PROJECT CLAUSEN(ALBERT LEA)	0	0	0	-912	0	0	0	0	0	0	0	0	0	0	0	0	0	-912	
Road	Q-4605-001016	2930877	BM-GUIC E WILLOW AND MADISON AVE	0	0	0	0	0	0	0	0	0	0	0	0	-125	0	-293	0	0	-	

[PRIVATE DATA BEGINS...]

Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Road Project	2768891	2693363	93			LAKEVILLE	REPLACEMENT / 202ND ST PROJECT
Road Project	2768893	2693363	93			LAKEVILLE	REPLACEMENT / 202ND ST PROJECT
Road Project	2886296	2873941	97			DETROIT LAKES	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2878379	2873572	96			BIWABIK	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR/ ROAD PROJECT
Road Project	2878571	2873572	96			BIWABIK	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR/ ROAD PROJECT
Road Project	2886398	2873941	97			DETROIT LAKES	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2887343	2873941	97			DETROIT LAKES	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885130	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2884995	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885207	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2886304	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886126	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886139	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885121	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2884992	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2886333	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886143	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885034	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889801	2845221	93			FARMINGTON	guic project
Road Project	2886108	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886013	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885970	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2884995	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2884990	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2884991	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885082	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849372	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849368	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849373	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849367	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849374	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849371	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849370	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849369	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2887499	2759897	89			PARK RAPIDS	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
Road Project	2885157	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886001	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2849365	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849361	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849639	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849637	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849362	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849363	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849360	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2897368	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2885023	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR
Road Project	2874117	2854739	94			FM-WELCOM-MRTNCTYW SD-C	GUIC ROAD REPL
Road Project	2874118	2854739	94			FM-WELCOM-MRTNCTYW SD-C	GUIC ROAD REPL
Road Project	2849629	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849626	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849366	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849359	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849354	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849356	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885872	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885873	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2891331	2890685	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2891333	2890685	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2886478	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885772	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885112	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885198	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885870	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885869	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885811	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849351	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849352	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849348	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849347	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849349	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885757	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885868	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885004	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860605	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
Road Project	2860609	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL
Road Project	2860607	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
Road Project	2860610	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
Road Project	2880185	2702342	94			FM-JACKSON-JKSNCYCL SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
Road Project	2849383	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849622	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849619	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849624	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849670	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849625	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2885866	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885867	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2880973	2702342	94			FM-JACKSON-JKSNCYCL SD-C	GUIC ROAD REPL
Road Project	2860614	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL
Road Project	2860611	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
Road Project	2860612	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL
Road Project	2860618	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL
Road Project	2860621	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL
Road Project	2849666	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849671	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2885839	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885866	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849668	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849661	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849662	2845221	93			FARMINGTON	GUIC ROAD REPL

...PRIVATE DATA ENDS]

[PRIVATE DATA BEGINS...]

Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Road Project	2849664	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849665	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849660	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849667	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849659	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849656	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849657	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849654	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849663	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849653	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2886486	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2860615	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860619	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860622	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2867700	2854739	94			FM-WELCOM-MRTNCTYW SD-C	GUIC ROAD REPL
Road Project	2885622	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885354	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885610	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885662	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849382	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2885672	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885734	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849621	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2885716	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849381	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849618	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2885647	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849379	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849380	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849674	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860601	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2860599	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2860597	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885355	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2884973	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885047	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849376	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849377	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849676	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849677	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849678	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2889312	2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889310	2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889315	2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849679	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2886481	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885356	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885615	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2886510	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849683	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849682	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2889314	2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849681	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849680	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2886497	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849684	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849685	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849687	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2889313	2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2887472	2759897	89			PARK RAPIDS	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860593	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860579	2854727	93			FARMINGTON	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2860592	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860580	2854727	93			FARMINGTON	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2860591	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860578	2854727	93			FARMINGTON	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2887522	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2887518	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2900157	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2901774	2759897	89			WDN-PARK RPDS-PARKRP SD-C	MN-TEMP REPLACE SVC. LONG SIDE - 630 MTR
Road Project	2885345	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885346	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885347	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885340	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886837	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886847	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885341	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885388	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885343	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2884951	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886819	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885188	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860575	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860574	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860576	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860600	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2900171	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889338	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889259	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889341	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889320	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885348	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885344	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2860589	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860564	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860566	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860570	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860567	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860571	2854727	93			FARMINGTON	GUIC ROAD REPL

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Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Road Project	2860573	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860590	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2901225	2891281	95			RC-MANTORVILLE-KASSN-SD-C	ROAD PROJ/ET/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2901234	2891281	95			RC-MANTORVILLE-KASSN-SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2880979	2702342	94			FM-JACKSON-JKSNCYCL SD-C	GUIC ROAD REPL
Road Project	2880980	2702342	94			FM-JACKSON-JKSNCYCL SD-C	GUIC ROAD REPL
Road Project	2901172	2693363	89			WON-PARK RAPIDS-PARKIN SD-C	INSTALL 180' OF 2" PE SERVICE - GSREP (GUIC)
Road Project	2890346	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2890274	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2887519	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2887517	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2890370	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2854952	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
Road Project	2854958	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
Road Project	2889764	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860588	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860594	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860596	2854727	93			FARMINGTON	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2860563	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860585	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860587	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860560	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860538	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2860583	2854727	93			FARMINGTON	GUIC ROAD REPL
Road Project	2885350	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2899077	2891281	95			RC-MANTORVILLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2887466	2759897	89			PARK RAPIDS	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE -
Road Project	2854970	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
Road Project	2854996	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
Road Project	2854995	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
Road Project	2854993	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
Road Project	2889941	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889827	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2890088	2693363	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2890060	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2890147	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2890070	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2887382	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849675	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2876060	2854739	94			FM-WELCOM-MRTNCTYW SD-C	GUIC ROAD REPL
Road Project	2876059	2854739	94			FM-WELCOM-MRTNCTYW SD-C	GUIC ROAD REPL
Road Project	2890013	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889947	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889946	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2854955	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/STABLES PROJECT
Road Project	2898961	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2898896	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2898924	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2898915	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2849647	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849375	2845221	93			FARMINGTON	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849645	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849644	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849642	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2898629	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	GUIC-ROAD REPLACEMENT
Road Project	2902447	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2898973	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2898885	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2898967	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889891	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2899251	2693363	95			RC-MANTORVILLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2899276	2891281	95			RC-MANTORVILLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2899277	2891281	95			RC-MANTORVILLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2899278	2891281	95			RC-MANTORVILLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2899279	2891281	95			RC-MANTORVILLE-KASSN-SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2849651	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2890036	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2902635	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2891840	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
Road Project	2900880	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
Road Project	2849636	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849640	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849634	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849633	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849632	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849630	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2849627	2845221	93			FARMINGTON	GUIC ROAD REPL
Road Project	2854997	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854998	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854988	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854986	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854985	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854984	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854996	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854979	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854981	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854977	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854982	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854978	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854971	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2891845	2873941	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2854975	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854976	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2902693	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2902704	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2898980	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2854972	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2899921	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2899938	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2854949	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT

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Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Road Project	2854954	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854957	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854960	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2901442	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2900864	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2899948	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2900865	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2854945	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854948	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854938	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854941	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854944	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2901392	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2899968	2693363	96			CL-GRANDRAPIDS-GRNDR SD-C	GUIC TIE OVER; INSTALL 75' OF 2" PE SERVICE - GSREP
Road Project	2903275	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2900907	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
Road Project	2889376	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2889370	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2889379	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2888946	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888422	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888678	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2908119	2902533	93			ROSEMOUNT	REPLACEMENT / MISC
Road Project	2900860	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2900849	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2854962	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854967	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2888894	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888905	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888907	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888321	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888921	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888356	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888731	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2900871	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2899941	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2855002	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2854999	2843073	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL/ STABLES PROJECT
Road Project	2900990	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2902274	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2888548	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2889368	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2888695	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2889377	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2889378	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2900863	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2900897	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2899936	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2899928	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2903162	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889184	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888618	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2889179	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2889346	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888996	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2888651	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2889080	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2889278	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889371	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2889339	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2889258	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2900902	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2900899	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2900891	2898628	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2888585	2880805	95			RC-RUSHFORD-RSHFRDPTR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2903874	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2886054	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2858327	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886155	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2886174	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2904146	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886037	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885825	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886299	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2886339	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2885810	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885823	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885563	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2885564	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2904755	2693363	99			WOR-TRACY-TRACY SD-C	GUIC ROAD REPL
Road Project	2903537	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
Road Project	2886051	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885824	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2886052	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885826	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2910804	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2910830	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2915230	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2910824	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2915235	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2910797	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2910817	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2903524	2893325	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2885555	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2885630	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2902834	2693363	97			RM-BEMIDJI-BEMIDJI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2916899	2693363	96			CL-GREENWAY-GREENWAY SD-T	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2899734	2858854	93			RM-LAKEVILLE-LAKEVILLE SD-V	GUIC ROAD REPL
Road Project	2885562	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2885759	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR

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Type	WR #	Related WR	Op District	ProjectName	Address	City	Description	
Road Project	2886053	2858315	95	RC-CHATFIELD-CHTFLD SD-C		GUIC ROAD PROJECT/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR		
Road Project	2885628	2858315	95			GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR		
Road Project	2885624	2858315	95			GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR		
Road Project	2886175	2858315	95			GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR		
Road Project	2885631	2858315	95			GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR		
Road Project	2885629	2858315	95			GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR		
Road Project	2906213	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
Road Project	2906219	2892699	96			CL-GRANDRAPIDS-GRNDR SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
Road Project	2899730	2858854	93			RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPL	
Road Project	2899731	2858854	93			RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPL	
Road Project	2899727	2858854	93			RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPL	
Road Project	2899736	2858854	93			RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPL	
Road Project	2899735	2858854	93			RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPL	
Road Project	2899734	2858854	93			RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPL	
Road Project	2906204	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
Road Project	2916583	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
Road Project	2886117	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT	
Road Project	2899739	2858854	93			RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPL	
Road Project	2899737	2858854	93			RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPL	
Road Project	2916582	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
Road Project	2915381	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
Road Project	2915232	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
Road Project	2915222	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
Road Project	2915432	2883559	97			BMJ-DTROTILK-DTITLK SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
Road Project	2915423	2883559	97			MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR		
Road Project	2890459	2867745	95			RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
Road Project	2886073	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ SERVICE REPLACEMENT	
Road Project	2914911	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2914910	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2914892	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2914908	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2914909	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2890442	2867745	95			RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
Road Project	2890725	2867745	95			RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
Road Project	2886119	2858315	95			RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT	
Road Project	2909796	2892699	96			CL-CALUMET-GREENWAY SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	
Road Project	2914914	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2914913	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2914915	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2914942	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2899738	2858854	93			RM-LAKEVILLE-LKVILLE SD-V	GUIC ROAD REPL	
Road Project	2890223	2867745	95			RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
Road Project	2890653	2867745	95			RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	
Road Project	2890654	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2886120	2858315	95	RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2914917	2906367	98	PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT		
Road Project	2914920	2906367	98	PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT		
Road Project	2914919	2906367	98	PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR	GUIC ROAD REPL/SERVICE REPLACEMENT		
Road Project	2890224	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890651	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890652	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890225	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2905858	2693363	95	RC-ROCHESTER-ROCHSTR SD-C	Install ~75' 2" PE service with 1000 meter.			
Road Project	2886007	2858315	95	RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT/ SERVICE REPLACEMENT			
Road Project	2890732	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2886118	2858315	95	RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2886122	2858315	95	RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2886121	2858315	95	RC-CHATFIELD-CHTFLD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2920356	2858315	95	RC-ELMIRA-CHATFIELD SD-T	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR			
Road Project	2890222	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890731	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890705	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890987	2867745	95	RC-STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2890648	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890326	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890733	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890650	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890129	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890128	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890128	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890130	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2889913	2867745	95	RC-STERWRTSVILLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2894745	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2889924	2867745	95	RC-STERWRTSVILLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2889919	2867745	95	RC-STERWRTSVILLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2889916	2867745	95	RC-STERWRTSVILLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2922619	2867745	95	RC-STERWRTSVILLE-STWR SD-C	REPLACEMENT - OTHER			
Road Project	2889917	2867745	95	RC-STERWRTSVILLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2894754	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2894774	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2889912	2867745	95	RC-STERWRTSVILLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2889914	2867745	95	RC-STERWRTSVILLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2894779	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890850	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890853	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2894873	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2894854	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890870	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890869	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2894777	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2890840	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR			
Road Project	2894778	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2889915	2867745	95	RC-STERWRTSVILLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			
Road Project	2894755	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2894736	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2894872	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2894750	2867745	95	RC-STERWRTSVILLE-STWR SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR			
Road Project	2889918	2867745	95	RC-STERWRTSVILLE-STWR SD-C	STEWARTVILLE ROAD PROJECT / SERVICE REPLACEMENT			

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Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Road Project	2918475	2880805	95			RC-RUSHFORD-RSHFDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2919494	2880805	95			RC-RUSHFORD-RSHFDPTR SD-C	RUSHFORD ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2918161	2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2918174	2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2918203	2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR
Road Project	2923972	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2877256	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2877252	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2877255	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2877251	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2877247	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2877250	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2877259	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2918170	2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2918215	2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2918218	2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2877254	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2924049	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2918237	2914229	96			CL-CHISHOLM-CHISHOLM SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2929152	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
Road Project	2928860	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
Road Project	2922643	2919228	98			RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2903058	2899094	93			RM-CK RIVER-LAKEVILL SD-T	REPLACEMENT / NAVADA AVE ROAD PROJECT
Road Project	2928867	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
Road Project	2928865	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
Road Project	2928862	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
Road Project	2928864	2925309	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
Road Project	2911404	2900009	80			THIEF RIVER FALLS	MN-TEMP GRU TIE-OVER 1" P NEW SERVICE
Road Project	2884968	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885000	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2917479	2902309	95			RC-ZUMBRTA-ZMBRTMZPP SD-C	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2917619	2902309	95			RC-ZUMBRTA-ZMBRTMZPP SD-C	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2930176	2880805	95			RC-SPRINGGROVE-SPRGG SD-C	SPRING GROVE ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2930170	2880805	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC / REPLACE SVC. W/ 1" SHORT - 250 MTR
Road Project	2884968	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2884909	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2884930	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2884702	2693363	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2917596	2902309	95			RC-ZUMBRTA-ZMBRTMZPP SD-C	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2921356	2901828	95			RC-CHATFIELD-CHTFD SD-C	Replace -35' 2" PE service due to 2019 City Improvements road project.
Road Project	2919507	2880805	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2930050	2883559	97			BMJ-DETROITLK-DTRTLK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2918053	2902309	95			RC-ZUMBRTA-ZMBRTMZPP SD-C	GUIC replacement ~20' 2" PE service to grain dryer at 175 Main Street in Zumbrota.
Road Project	2917687	2902309	95			RC-ZUMBRTA-ZMBRTMZPP SD-C	ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885208	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2852025	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885204	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885203	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2886123	2858315	95			RC-CHATFIELD-CHTFD SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
Road Project	2914932	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2915361	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2915359	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2915363	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2915362	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2915360	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2919236	2907282	93			EAGAN	GUIC replacement ~55' 2" PE service due to road project.
Road Project	2885799	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885828	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885847	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2885206	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2915358	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2915357	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2913517	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2913515	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2913516	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2913518	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2913519	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2914935	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2884833	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2884882	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2912623	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2913512	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2913514	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2913513	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2913520	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2884863	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2885212	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2913509	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2910578	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2910581	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2910580	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2912624	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2912625	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2910579	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2884873	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2910576	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2910577	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2884695	2858315	95			RC-CHATFIELD-CHTFD SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2913521	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2910674	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917319	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2923431	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2925132	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2923412	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2919237	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2923413	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2919233	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917318	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917317	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT

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PUBLIC DOCUMENT - PRIVATE DATA ON INDIVIDUALS HAS BEEN EXCISED

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Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Road Project	2919234	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2919235	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2926233	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2925133	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917315	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917316	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2926235	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2925134	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2950383	2693363	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ROAD PROJECT/SERVICE REPLACEMENT
Road Project	2950380	2693363	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ROAD PROJECT/SERVICE REPLACEMENT
Road Project	2944889	2866336	89			WDN-WADENA-WDN DR CK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889176	2866336	89			WADENA	MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR
Road Project	2889178	2866336	89			WADENA	MN-TEMP REPLACE SVC. LONG SIDE - 425 MTR
Road Project	2951985	2866336	89			WDN-WADENA-WDN DR CK SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2926490	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2915366	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2915364	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2888717	2693363	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2901766	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2926491	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2907694	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2889175	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
Road Project	2926492	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917311	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917310	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917312	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917314	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2926494	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2926493	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2917313	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2926495	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2888713	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2901767	2866336	89			WADENA	MN-TEMP REPLACE SVC. LONG SIDE - 425 MTR
Road Project	2926236	2907282	93			EAGAN	REPLACEMENT / ROAD PROJECT
Road Project	2907749	2866336	89			WADENA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 1000 MTR
Road Project	2880170	2693363	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2877260	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2914933	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2916706	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2916704	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2916703	2906367	98			PINE CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2951737	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2951734	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2951735	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2951736	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2959894	2919228	98			RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2956187	2950597	95			RC-BYRON-BYRON SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2956124	2950597	95			RC-BYRON-BYRON SD-C	BYRON ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2956102	2950597	95			RC-BYRON-BYRON SD-C	BYRON ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2922597	2906367	98			PINE CITY	GUIC ROAD REPL/SERVICE REPLACEMENT
Road Project	2956189	2693363	95			RC-BYRON-BYRON SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2956125	2950597	95			RC-BYRON-BYRON SD-C	BYRON ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2956188	2950597	95			RC-BYRON-BYRON SD-C	GUIC ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2956125	2950597	95			RC-BYRON-BYRON SD-C	BYRON ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2868465	2856743	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
Road Project	2868463	2856743	94			FM-ALBT L-C-ALBT L SD	GUIC ROAD REPL
Road Project	2963899	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2961804	2953515	97			BMJ-BEMIDJ-BEMIDJ SD-C	GUIC REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2961541	2953515	97			BMJ-BEMIDJ-BEMIDJ SD-C	GUIC REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2961779	2693363	97			BMJ-BEMIDJ-BEMIDJ SD-C	GUIC REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2961781	2953515	97			BMJ-BEMIDJ-BEMIDJ SD-C	GUIC REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2877257	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2877253	2865956	94			FM-FAIRMONT-FRMNTARA SD-C	GUIC ROAD REPL
Road Project	2981178	2858854	93			LAKEVILLE	REPLACEMENT / GUIC ROAD REPL
Road Project	2986200	2867270	93			CREDIT RIVER TWP	REPLACEMENT / GUIC ROAD PROJECT SCOTT CO RD8
Road Project	2987447	2900909	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2963898	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2964797	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2963941	2937180	95			RC-WYKOFF-C-KINGSLAND SD	CITY OF WYKOFF / WYKOFF ROAD PROJECT
Road Project	2963346	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2963337	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2963472	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2963345	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2963348	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2963460	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / SERVICE REPLACEMENT
Road Project	2963347	2937180	95			RC-WYKOFF-C-KINGSLAND SD	WYKOFF ROAD PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Road Project	2762052	2693363	93			EAGAN	Replace "230' 2" WS with 2" PE due to County road project on Lexington and Lone Oak.
Road Project	2951738	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Road Project	2951453	2948401	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC SERVICE REPLACEMENT
Road Project	2942885	2940404	95			RC-ROCHESTER-RCHSTR SD-C	REPLACEMENT - AA
Road Project	2942887	2940404	95			RC-ROCHESTER-RCHSTR SD-C	REPLACEMENT - AA

Total

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Type	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	2768891	2693363	93		4/16/2019	4	1" and smaller	158 1/2" Plastic	61 \$		3,343.23
Road Project	2768893	2693363	93		4/16/2019	4	1" and smaller	90 1/2" Plastic	97 \$		2,773.15
Road Project	2886296	2873941	97		4/25/2019	4	1" and smaller	55 3/4" Steel	104 \$		1,762.70
Road Project	2878379	2873572	96		4/25/2019	4	1" and smaller	52 1/2" Plastic	148 \$		1,316.38
Road Project	2878571	2873572	96		4/25/2019	4	1" and smaller	37 1/2" Plastic	187 \$		1,454.26
Road Project	2886398	2873941	97		4/26/2019	4	1" and smaller	62 3/4" Steel	113 \$		1,880.39
Road Project	2887343	2873941	97		4/26/2019	4	1" and smaller	40 1/2" Plastic	89 \$		1,982.38
Road Project	2885130	2873941	97		4/29/2019	4	1" and smaller	108 3/4" Steel	58 \$		2,803.89
Road Project	2884995	2858315	95		4/29/2019	4	1" and smaller	41 3/4" Steel	49 \$		1,047.67
Road Project	2885207	2858315	95		4/29/2019	4	1" and smaller	40 3/4" Steel	48 \$		1,071.83
Road Project	2886304	2873941	97		4/30/2019	4	1" and smaller	52 1/2" Plastic	- \$		1,746.10
Road Project	2886126	2873941	97		4/30/2019	4	1" and smaller	57 1/2" Plastic	15 \$		2,066.69
Road Project	2886139	2873941	97		4/30/2019	4	1" and smaller	51 3/4" Steel	53 \$		2,083.17
Road Project	2885121	2858315	95		4/30/2019	4	1" and smaller	61 3/4" Steel	99 \$		1,180.71
Road Project	2884992	2858315	95		4/30/2019	4	1" and smaller	21 3/4" Steel	127 \$		1,089.04
Road Project	2886333	2873941	97		5/1/2019	5	1" and smaller	92 3/4" Steel	62 \$		2,295.99
Road Project	2886143	2873941	97		5/1/2019	5	1" and smaller	125 1/2" Plastic	62 \$		2,796.03
Road Project	2886270	2873941	97		5/1/2019	5	1" and smaller	52 1/2" Plastic	- \$		1,562.12
Road Project	2885034	2873941	97		5/1/2019	5	1" and smaller	141 3/4" Steel	96 \$		3,306.68
Road Project	2889801	2845221	93		5/1/2019	5	1" and smaller	82 1/2" Plastic	51 \$		1,464.28
Road Project	2886108	2873941	97		5/2/2019	5	1" and smaller	145 3/4" Steel	60 \$		3,159.20
Road Project	2886013	2873941	97		5/2/2019	5	1" and smaller	52 1/2" Plastic	- \$		1,377.76
Road Project	2885970	2873941	97		5/2/2019	5	1" and smaller	133 3/4" Steel	82 \$		2,757.43
Road Project	2884994	2858315	95		5/2/2019	5	1" and smaller	63 3/4" Steel	144 \$		2,143.11
Road Project	2884990	2858315	95		5/2/2019	5	1" and smaller	51 3/4" Steel	30 \$		1,831.78
Road Project	2884991	2858315	95		5/2/2019	5	1" and smaller	42 3/4" Steel	131 \$		2,335.07
Road Project	2885082	2873941	97		5/3/2019	5	1" and smaller	44 3/4" Steel	96 \$		2,926.12
Road Project	2849372	2845221	93		5/3/2019	5	1" and smaller	92 1/2" Plastic	94 \$		2,269.51
Road Project	2849368	2845221	93		5/3/2019	5	1" and smaller	54 1/2" Plastic	52 \$		1,688.43
Road Project	2849373	2845221	93		5/3/2019	5	1" and smaller	89 1/2" Plastic	91 \$		2,247.92
Road Project	2849367	2845221	93		5/3/2019	5	1" and smaller	65 1/2" Plastic	62 \$		1,818.68
Road Project	2849374	2845221	93		5/3/2019	5	1" and smaller	89 1/2" Plastic	92 \$		2,247.16
Road Project	2849371	2845221	93		5/3/2019	5	1" and smaller	70 1/2" Plastic	74 \$		1,909.67
Road Project	2849370	2845221	93		5/3/2019	5	1" and smaller	60 1/2" Plastic	62 \$		1,759.07
Road Project	2849369	2845221	93		5/3/2019	5	1" and smaller	56 1/2" Plastic	53 \$		1,696.84
Road Project	2887499	2759897	89		5/3/2019	5	1" and smaller	92 1/2" Plastic	177 \$		1,883.47
Road Project	2885157	2873941	97		5/6/2019	5	1" and smaller	128 3/4" Steel	75 \$		3,187.85
Road Project	2886001	2873941	97		5/6/2019	5	1" and smaller	46 1/2" Plastic	- \$		1,152.22
Road Project	2849365	2845221	93		5/6/2019	5	1" and smaller	56 1/2" Plastic	60 \$		1,605.76
Road Project	2849361	2845221	93		5/6/2019	5	1" and smaller	55 1/2" Plastic	58 \$		1,665.80
Road Project	2849639	2845221	93		5/6/2019	5	1" and smaller	40 1/2" Plastic	43 \$		1,450.43
Road Project	2849637	2845221	93		5/6/2019	5	1" and smaller	42 1/2" Plastic	45 \$		1,516.08
Road Project	2849362	2845221	93		5/6/2019	5	1" and smaller	46 1/2" Plastic	49 \$		1,578.75
Road Project	2849363	2845221	93		5/6/2019	5	1" and smaller	64 1/2" Plastic	67 \$		1,843.59
Road Project	2849360	2845221	93		5/6/2019	5	1" and smaller	74 1/2" Plastic	76 \$		1,994.95
Road Project	2887368	2873941	97		5/6/2019	5	1" and smaller	65 3/4" Steel	118 \$		1,666.66
Road Project	2885023	2873941	97		5/6/2019	5	1" and smaller	102 1/2" Plastic	55 \$		2,614.30
Road Project	2874117	2854739	94		5/7/2019	5	1" and smaller	40 1/2" Plastic	50 \$		1,527.53
Road Project	2874118	2854739	94		5/7/2019	5	1" and smaller	22 1/2" Plastic	40 \$		1,072.63
Road Project	2849629	2845221	93		5/7/2019	5	1" and smaller	42 1/2" Plastic	44 \$		1,518.72
Road Project	2849626	2845221	93		5/7/2019	5	1" and smaller	42 1/2" Plastic	44 \$		1,519.48
Road Project	2849366	2845221	93		5/7/2019	5	1" and smaller	94 1/2" Plastic	91 \$		2,313.47
Road Project	2849359	2845221	93		5/7/2019	5	1" and smaller	46 1/2" Plastic	49 \$		1,570.57
Road Project	2849354	2845221	93		5/7/2019	5	1" and smaller	71 1/2" Plastic	78 \$		1,975.92
Road Project	2849356	2845221	93		5/7/2019	5	1" and smaller	121 1/2" Plastic	118 \$		2,725.01
Road Project	2885872	2873941	97		5/7/2019	5	1" and smaller	154 3/4" Steel	107 \$		3,189.24
Road Project	2885873	2873941	97		5/7/2019	5	1" and smaller	128 3/4" Steel	95 \$		2,964.77
Road Project	2891131	2890685	89		5/8/2019	5	1" and smaller	60 1/2" Plastic	45 \$		1,309.21
Road Project	2891133	2890685	89		5/8/2019	5	Tie over	2 1/2" Plastic	12 \$		734.24
Road Project	2886478	2873941	97		5/8/2019	5	1" and smaller	132 3/4" Steel	97 \$		3,212.80
Road Project	2885772	2873941	97		5/8/2019	5	1" and smaller	70 3/4" Steel	120 \$		2,432.11
Road Project	2885112	2873941	97		5/8/2019	5	1" and smaller	48 3/4" Steel	100 \$		2,033.49
Road Project	2885198	2873941	97		5/8/2019	5	1" and smaller	114 3/4" Steel	83 \$		4,490.77
Road Project	2885870	2873941	97		5/8/2019	5	1" and smaller	61 3/4" Steel	107 \$		2,263.08
Road Project	2885869	2873941	97		5/8/2019	5	1" and smaller	101 1/2" Plastic	53 \$		3,067.24
Road Project	2885811	2873941	97		5/8/2019	5	1" and smaller	100 3/4" Steel	38 \$		2,598.50
Road Project	2849351	2845221	93		5/9/2019	5	1" and smaller	55 1/2" Plastic	58 \$		1,728.40
Road Project	2849352	2845221	93		5/9/2019	5	1" and smaller	61 1/2" Plastic	64 \$		1,830.52
Road Project	2849348	2845221	93		5/9/2019	5	1" and smaller	50 1/2" Plastic	54 \$		1,613.77
Road Project	2849347	2845221	93		5/9/2019	5	1" and smaller	50 1/2" Plastic	53 \$		1,651.62
Road Project	2849349	2845221	93		5/9/2019	5	1" and smaller	64 1/2" Plastic	66 \$		1,807.27
Road Project	2885757	2873941	97		5/9/2019	5	1" and smaller	46 3/4" Steel	93 \$		999.78
Road Project	2885868	2873941	97		5/9/2019	5	1" and smaller	67 3/4" Steel	117 \$		2,236.00
Road Project	2885004	2873941	97		5/9/2019	5	1" and smaller	102 3/4" Steel	54 \$		2,937.56
Road Project	2860605	2854727	93		5/10/2019	5	1" and smaller	86 1/2" Plastic	90 \$		2,336.90
Road Project	2860609	2854727	93		5/10/2019	5	1" and smaller	57 1/2" Plastic	54 \$		1,888.50
Road Project	2860607	2854727	93		5/10/2019	5	1" and smaller	90 1/2" Plastic	87 \$		2,412.09
Road Project	2860610	2854727	93		5/10/2019	5	1" and smaller	101 1/2" Plastic	83 \$		2,559.94
Road Project	2880185	2702342	94		5/10/2019	5	1" and smaller	116 1/2" Plastic	99 \$		1,990.35
Road Project	2849383	2845221	93		5/10/2019	5	1" and smaller	35 1/2" Plastic	84 \$		1,403.92
Road Project	2849622	2845221	93		5/10/2019	5	1" and smaller	52 1/2" Plastic	90 \$		1,672.36
Road Project	2849619	2845221	93		5/10/2019	5	1" and smaller	46 1/2" Plastic	69 \$		1,581.12
Road Project	2849624	2845221	93		5/10/2019	5	1" and smaller	40 1/2" Plastic	86 \$		1,489.80
Road Project	2849670	2845221	93		5/10/2019	5	1" and smaller	42 1/2" Plastic	86 \$		1,480.87
Road Project	2849625	2845221	93		5/10/2019	5	1" and smaller	38 1/2" Plastic	42 \$		1,484.11
Road Project	2885866	2873941	97		5/10/2019	5	1" and smaller	80 3/4" Steel	127 \$		2,102.88
Road Project	2885867	2873941	97		5/13/2019	5	1" and smaller	80 3/4" Steel	125 \$		2,084.97
Road Project	2880973	2702342	94		5/13/2019	5	Tie over	1 1/2" Plastic	- \$		94.64
Road Project	2860614	2854727	93		5/13/2019	5	1" and smaller	61 1/2" Plastic	61 \$		1,965.24
Road Project	2860611	2854727	93		5/13/2019	5	1" and smaller	90 1/2" Plastic	91 \$		2,446.93
Road Project	2860612	2854727	93		5/13/2019	5	1" and smaller	100 1/2" Plastic	104 \$		2,639.50
Road Project	2860618	2854727	93		5/13/2019	5	1" and smaller	57 1/2" Plastic	53 \$		1,851.42
Road Project	2860621	2854727	93		5/13/2019	5	1" and smaller	56 1/2" Plastic	48 \$		1,917.01
Road Project	2849666	2845221	93		5/13/2019	5	1" and smaller	96 1/2" Plastic	93 \$		2,347.55
Road Project	2849671	2845221	93		5/13/2019	5	1" and smaller	44 1/2" Plastic	47 \$		1,520.28
Road Project	2885839	2873941	97		5/13/2019	5	1" and smaller	53 3/4" Steel	96 \$		2,216.15
Road Project	2885686	2873941	97		5/13/2019	5	1" and smaller	67 3/4" Steel	117 \$		2,370.96
Road Project	2849668	2845221	93		5/13/2019	5	1" and smaller	47 1/			

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Type	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	2849664	2845221	93		5/13/2019	5	1" and smaller	114	1/2" Plastic	110	2,639.35
Road Project	2849665	2845221	93		5/13/2019	5	1" and smaller	40	1/2" Plastic	43	1,485.10
Road Project	2849660	2845221	93		5/13/2019	5	1" and smaller	95	1/2" Plastic	91	2,325.85
Road Project	2849667	2845221	93		5/13/2019	5	1" and smaller	32	1/2" Plastic	35	1,366.83
Road Project	2849659	2845221	93		5/13/2019	5	1" and smaller	45	1/2" Plastic	49	1,564.69
Road Project	2849656	2845221	93		5/13/2019	5	1" and smaller	95	1/2" Plastic	91	2,329.09
Road Project	2849657	2845221	93		5/13/2019	5	1" and smaller	40	1/2" Plastic	44	1,482.11
Road Project	2849654	2845221	93		5/13/2019	5	1" and smaller	43	1/2" Plastic	46	1,475.46
Road Project	2849663	2845221	93		5/13/2019	5	1" and smaller	63	1/2" Plastic	66	1,828.77
Road Project	2849653	2845221	93		5/13/2019	5	1" and smaller	96	1/2" Plastic	92	2,354.03
Road Project	2866486	2873941	97		5/14/2019	5	1" and smaller	104	3/4" Steel		2,179.09
Road Project	2860615	2854727	93		5/14/2019	5	1" and smaller	105	1/2" Plastic	108	2,893.32
Road Project	2860619	2854727	93		5/14/2019	5	1" and smaller	124	1/2" Plastic	125	2,944.39
Road Project	2860622	2854727	93		5/14/2019	5	1" and smaller	110	1/2" Plastic	115	2,724.66
Road Project	2867700	2854739	94		5/14/2019	5	1" and smaller	3	1" Steel	100	914.20
Road Project	2885622	2873941	97		5/14/2019	5	1" and smaller	99	1" Plastic	50	2,325.20
Road Project	2885354	2873941	97		5/14/2019	5	1" and smaller	27	3/4" Steel	68	1,955.44
Road Project	2885610	2873941	97		5/14/2019	5	1" and smaller	47	1/2" Plastic	-	2,244.65
Road Project	2885662	2873941	97		5/14/2019	5	1" and smaller	130	3/4" Steel	80	3,652.78
Road Project	2849382	2845221	93		5/14/2019	5	1" and smaller	92	1/2" Plastic	45	2,297.04
Road Project	2885672	2873941	97		5/14/2019	5	1" and smaller	49	3/4" Steel	109	1,762.66
Road Project	2885734	2873941	97		5/14/2019	5	1" and smaller	68	3/4" Steel	118	1,734.56
Road Project	2849621	2845221	93		5/14/2019	5	1" and smaller	110	1/2" Plastic	51	2,572.43
Road Project	2885716	2873941	97		5/14/2019	5	1" and smaller	62	3/4" Steel	112	1,910.67
Road Project	2849381	2845221	93		5/14/2019	5	1" and smaller	100	1/2" Plastic	55	2,422.04
Road Project	2849618	2845221	93		5/14/2019	5	1" and smaller	95	1/2" Plastic	51	2,345.94
Road Project	2885647	2873941	97		5/14/2019	5	1" and smaller	122	3/4" Steel	89	3,041.11
Road Project	2849379	2845221	93		5/14/2019	5	1" and smaller	92	1/2" Plastic	54	2,306.11
Road Project	2849380	2845221	93		5/14/2019	5	1" and smaller	46	1/2" Plastic	89	1,627.88
Road Project	2849674	2845221	93		5/14/2019	5	1" and smaller	68	1/2" Plastic	74	1,919.35
Road Project	2860601	2854727	93		5/15/2019	5	1" and smaller	88	3/4" Steel	90	2,015.68
Road Project	2860599	2854727	93		5/15/2019	5	1" and smaller	28	3/4" Steel	35	1,251.06
Road Project	2860597	2854727	93		5/15/2019	5	1" and smaller	83	3/4" Steel	78	2,448.91
Road Project	2885355	2873941	97		5/15/2019	5	1" and smaller	63	3/4" Steel	106	1,695.82
Road Project	2884973	2873941	97		5/15/2019	5	1" and smaller	208	3/4" Steel	57	2,911.92
Road Project	2885047	2873941	97		5/15/2019	5	1" and smaller	110	3/4" Steel	145	1,531.96
Road Project	2849376	2845221	93		5/15/2019	5	1" and smaller	44	1/2" Plastic	89	73.57
Road Project	2849377	2845221	93		5/15/2019	5	1" and smaller	44	1/2" Plastic	88	2,095.75
Road Project	2849676	2845221	93		5/15/2019	5	1" and smaller	32	1/2" Plastic	38	1,940.08
Road Project	2849677	2845221	93		5/15/2019	5	1" and smaller	74	1/2" Plastic	78	2,205.89
Road Project	2849678	2845221	93		5/15/2019	5	1" and smaller	72	1/2" Plastic	76	2,195.98
Road Project	2889312	2759897	89		5/15/2019	5	1" and smaller	121	1/2" Plastic	156	2,897.97
Road Project	2889310	2759897	89		5/15/2019	5	1" and smaller	205	1/2" Plastic	235	4,241.42
Road Project	2889315	2759897	89		5/15/2019	5	1" and smaller	121	1/2" Plastic	151	3,009.04
Road Project	2849679	2845221	93		5/15/2019	5	1" and smaller	43	1/2" Plastic	47	2,225.70
Road Project	2886481	2873941	97		5/16/2019	5	1" and smaller	130	3/4" Steel	87	3,112.80
Road Project	2885356	2873941	97		5/16/2019	5	1" and smaller	103	1/2" Plastic	96	2,897.26
Road Project	2885615	2873941	97		5/16/2019	5	1" and smaller	66	3/4" Steel	106	1,042.47
Road Project	2886510	2873941	97		5/16/2019	5	1" and smaller	103	3/4" Steel	174	2,287.73
Road Project	2849683	2845221	93		5/16/2019	5	1" and smaller	148	1/2" Plastic	162	3,953.44
Road Project	2849682	2845221	93		5/16/2019	5	1" and smaller	121	1/2" Plastic	140	3,275.27
Road Project	2889314	2759897	89		5/16/2019	5	1" and smaller	127	1/2" Plastic	127	2,201.94
Road Project	2849681	2845221	93		5/16/2019	5	1" and smaller	41	1/2" Plastic	45	2,199.64
Road Project	2849680	2845221	93		5/16/2019	5	1" and smaller	44	1/2" Plastic	48	2,176.52
Road Project	2886497	2873941	97		5/17/2019	5	1" and smaller	124	3/4" Steel	86	2,891.71
Road Project	2849684	2845221	93		5/17/2019	5	1" and smaller	48	1/2" Plastic	52	1,984.03
Road Project	2849685	2845221	93		5/17/2019	5	1" and smaller	40	1/2" Plastic	50	1,446.74
Road Project	2849687	2845221	93		5/17/2019	5	1" and smaller	62	1/2" Plastic	72	1,827.19
Road Project	2889313	2759897	89		5/17/2019	5	1" and smaller	136	1/2" Plastic	166	3,200.80
Road Project	2887472	2759897	89		5/17/2019	5	1" and smaller	235	1/2" Plastic	175	2,851.64
Road Project	2860593	2854727	93		5/20/2019	5	1" and smaller	96	1/2" Plastic	96	2,590.41
Road Project	2860579	2854727	93		5/20/2019	5	1" and smaller	43	1/2" Plastic	46	1,844.08
Road Project	2860592	2854727	93		5/20/2019	5	1" and smaller	93	1/2" Plastic	94	2,607.80
Road Project	2860580	2854727	93		5/20/2019	5	1" and smaller	44	1/2" Plastic	45	1,315.55
Road Project	2860591	2854727	93		5/20/2019	5	1" and smaller	94	1/2" Plastic	90	2,525.62
Road Project	2860578	2854727	93		5/20/2019	5	1" and smaller	40	1/2" Plastic	50	1,692.57
Road Project	2887522	2883559	97		5/20/2019	5	1" and smaller	60	3/4" Steel	50	2,105.53
Road Project	2887518	2883559	97		5/20/2019	5	1" and smaller	110	3/4" Steel	105	2,844.64
Road Project	2900157	2883559	97		5/20/2019	5	1" and smaller	55	3/4" Steel	100	2,071.63
Road Project	2901774	2759897	89		5/20/2019	5	1" and smaller	133	1" Plastic	522	2,338.00
Road Project	2885345	2873941	97		5/20/2019	5	1" and smaller	118	1/2" Plastic	77	3,746.81
Road Project	2885346	2873941	97		5/20/2019	5	1" and smaller	97	1/2" Plastic	1	2,266.53
Road Project	2885347	2873941	97		5/20/2019	5	1" and smaller	130	3/4" Steel	82	3,491.43
Road Project	2885340	2873941	97		5/20/2019	5	1" and smaller	45	1/2" Plastic	-	1,828.45
Road Project	2886837	2873941	97		5/20/2019	5	1" and smaller	80	3/4" Steel	60	2,054.27
Road Project	2886847	2873941	97		5/20/2019	5	1" and smaller	107	3/4" Steel	100	2,069.43
Road Project	2885341	2873941	97		5/20/2019	5	1" and smaller	28	3/4" Steel	45	937.90
Road Project	2885588	2873941	97		5/20/2019	5	1" and smaller	38	3/4" Steel	97	979.22
Road Project	2885343	2873941	97		5/20/2019	5	1" and smaller	45	1/2" Plastic	-	1,355.01
Road Project	2884951	2873941	97		5/20/2019	5	1" and smaller	145	3/4" Steel	110	3,961.19
Road Project	2886819	2873941	97		5/20/2019	5	1" and smaller	69	3/4" Steel	65	1,655.42
Road Project	2885188	2873941	97		5/20/2019	5	1" and smaller	155	3/4" Steel	81	4,458.42
Road Project	2860575	2854727	93		5/20/2019	5	1" and smaller	61	1/2" Plastic	65	2,022.53
Road Project	2860574	2854727	93		5/20/2019	5	1" and smaller	56	1/2" Plastic	60	2,062.53
Road Project	2860576	2854727	93		5/20/2019	5	1" and smaller	51	1/2" Plastic	55	2,001.59
Road Project	2860600	2854727	93		5/20/2019	5	1" and smaller	99	1/2" Plastic	94	3,034.48
Road Project	2900171	2883559	97		5/21/2019	5	1" and smaller	70	3/4" Steel	20	1,227.23
Road Project	2889338	2883559	97		5/21/2019	5	1" and smaller	101	1/2" Plastic	40	3,351.85
Road Project	2889239	2883559	97		5/21/2019	5	1" and smaller	50	3/4" Steel	53	2,888.60
Road Project	2889341	2883559	97		5/21/2019	5	1" and smaller	94	3/4" Steel	92	3,025.24
Road Project	2889320	2883559	97		5/21/2019	5	1" and smaller	83	3/4" Steel	60	3,086.67
Road Project	2885348	2873941	97		5/21/2019	5	1" and smaller	122	3/4" Steel	82	2,696.08
Road Project	2885344	2873941	97		5/21/2019	5	1" and smaller	37	3/4" Steel	75	932.35
Road Project	2860589	2854727	93		5/21/2019	5	1" and smaller	89	1/2" Plastic	84	2,442.27
Road Project	2860564	2854727	93		5/21/2019	5	1" and smaller	52	1/2" Plastic	60	1,957.85
Road Project	2860566	2854727	93		5/21/2019	5	1" and smaller	55	1/2" Plastic	62	1,984.73
Road Project	2860570	2854727	93		5/21/2019	5	1" and smaller	109	1/2" Plastic	104	2,767.41
Road Project	2860567	2854727	93		5/21/2019	5	1" and smaller	48	1/2" Plastic	52	1,907.45
Road Project	2860571	2854727	93		5/21/2019	5	1" and smaller	55	1/2" Plastic	60	1,975.67

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Type	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	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	\$	2,427.05
Road Project	2901225	2891281	95		5/22/2019	5	1" and smaller	122 1/2" Plastic	122	\$	2,704.65
Road Project	2901234	2891281	95		5/22/2019	5	1" and smaller	115 1/2" Plastic	5	\$	2,994.16
Road Project	2880979	2702342	94		5/22/2019	5	1" and smaller	266 1" Steel	266	\$	4,736.76
Road Project	2880980	2702342	94		5/22/2019	5	1" and smaller	150 1" Plastic	30	\$	3,433.93
Road Project	2901172	2693363	89		5/22/2019	5	-	None	283	\$	2,566.79
Road Project	2890346	2883559	97		5/22/2019	5	1" and smaller	75 3/4" Steel	73	\$	1,888.18
Road Project	2890274	2883559	97		5/22/2019	5	1" and smaller	66 3/4" Steel	60	\$	1,966.06
Road Project	2887519	2883559	97		5/22/2019	5	1" and smaller	96 3/4" Steel	90	\$	2,104.31
Road Project	2887517	2883559	97		5/22/2019	5	1" and smaller	106 3/4" Steel	100	\$	2,903.54
Road Project	2890370	2883559	97		5/22/2019	5	1" and smaller	42 3/4" Steel	38	\$	1,572.11
Road Project	2854952	2843073	94		5/22/2019	5	1" and smaller	45 1" Steel	66	\$	1,603.00
Road Project	2854958	2843073	94		5/22/2019	5	1" and smaller	54 1" Steel	77	\$	1,757.82
Road Project	2889764	2883559	97		5/22/2019	5	1" and smaller	60 3/4" Steel	45	\$	2,113.85
Road Project	2860588	2854727	93		5/22/2019	5	1" and smaller	90 1/2" Plastic	84	\$	2,501.05
Road Project	2860594	2854727	93		5/22/2019	5	1" and smaller	98 1/2" Plastic	94	\$	2,436.29
Road Project	2860596	2854727	93		5/22/2019	5	1" and smaller	99 1/2" Plastic	95	\$	2,772.21
Road Project	2860563	2854727	93		5/22/2019	5	1" and smaller	40 3/4" Steel	50	\$	1,739.39
Road Project	2860585	2854727	93		5/22/2019	5	1" and smaller	94 1/2" Plastic	90	\$	2,674.53
Road Project	2860587	2854727	93		5/22/2019	5	1" and smaller	90 1/2" Plastic	85	\$	2,584.27
Road Project	2860560	2854727	93		5/22/2019	5	1" and smaller	60 1/2" Plastic	61	\$	2,219.97
Road Project	2860538	2854727	93		5/22/2019	5	1" and smaller	45 1/2" Plastic	50	\$	1,910.27
Road Project	2860583	2854727	93		5/22/2019	5	1" and smaller	92 1/2" Plastic	87	\$	2,568.75
Road Project	2885350	2873941	97		5/23/2019	5	1" and smaller	50 3/4" Steel	110	\$	1,003.56
Road Project	2899077	2891281	95		5/23/2019	16	3/4" Steel	16 3/4" Steel	18	\$	1,174.02
Road Project	2887466	2759897	89		5/23/2019	5	1" and smaller	242 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	2854995	2843073	94		5/23/2019	5	1" and smaller	35 1" Steel	39	\$	1,478.40
Road Project	2854993	2843073	94		5/23/2019	44	1" and smaller	44 1" Steel	46	\$	2,337.67
Road Project	2889941	2883559	97		5/23/2019	5	1" and smaller	104 1/2" Plastic	90	\$	3,117.45
Road Project	2889827	2883559	97		5/23/2019	5	1" and smaller	63 3/4" Steel	59	\$	2,344.91
Road Project	2890088	2693363	97		5/23/2019	5	1" and smaller	124 3/4" Steel	126	\$	3,232.47
Road Project	2890060	2883559	97		5/23/2019	5	1" and smaller	120 3/4" Steel	115	\$	3,198.21
Road Project	2890147	2883559	97		5/23/2019	5	1" and smaller	124 3/4" Steel	128	\$	3,518.94
Road Project	2890070	2883559	97		5/23/2019	5	1" and smaller	120 1/2" Plastic	15	\$	3,250.57
Road Project	2887382	2873941	97		5/23/2019	5	1" and smaller	67 3/4" Steel	87	\$	2,783.06
Road Project	2849675	2845221	93		5/24/2019	5	1" and smaller	93 1/2" Plastic	86	\$	2,309.02
Road Project	2876060	2854739	94		5/24/2019	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	62 1" Steel	60	\$	1,764.79
Road Project	2890013	2883559	97		5/24/2019	5	1" and smaller	122 3/4" Steel	115	\$	3,374.65
Road Project	2889947	2883559	97		5/24/2019	5	1" and smaller	127 1/2" Plastic	100	\$	4,127.32
Road Project	2889946	2883559	97		5/24/2019	5	1" and smaller	127 1/2" Plastic	110	\$	3,151.00
Road Project	2854955	2843073	94		5/24/2019	5	1" and smaller	47 1" Steel	69	\$	1,945.54
Road Project	2898961	2883559	97		5/24/2019	5	1" and smaller	61 3/4" Steel	65	\$	2,554.79
Road Project	2898896	2883559	97		5/24/2019	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	\$	2,460.41
Road Project	2898915	2883559	97		5/24/2019	5	1" and smaller	107 3/4" Steel	58	\$	2,333.93
Road Project	2849647	2845221	93		5/28/2019	5	1" and smaller	105 1/2" Plastic	98	\$	2,503.19
Road Project	2849375	2845221	93		5/28/2019	5	1" and smaller	30 1/2" Plastic	38	\$	1,385.77
Road Project	2849645	2845221	93		5/28/2019	5	1" and smaller	94 1/2" Plastic	92	\$	2,342.84
Road Project	2849644	2845221	93		5/28/2019	5	1" and smaller	113 1/2" Plastic	108	\$	2,632.13
Road Project	2849642	2845221	93		5/28/2019	5	1" and smaller	104 1/2" Plastic	98	\$	2,481.09
Road Project	2898629	2883559	97		5/28/2019	5	1" and smaller	115 1" Plastic	207	\$	1,678.56
Road Project	2902447	2883559	97		5/28/2019	5	1" and smaller	115 3/4" Steel	102	\$	3,459.89
Road Project	2898973	2883559	97		5/28/2019	5	1" and smaller	63 3/4" Steel	18	\$	1,591.38
Road Project	2898885	2883559	97		5/28/2019	5	1" and smaller	36 3/4" Steel	86	\$	933.68
Road Project	2898967	2883559	97		5/28/2019	5	1" and smaller	78 3/4" Steel	36	\$	2,165.45
Road Project	2889891	2883559	97		5/28/2019	5	1" and smaller	63 3/4" Steel	68	\$	2,056.77
Road Project	2899251	2693363	95		5/28/2019	5	1" and smaller	70 1/2" Plastic	230	\$	1,221.24
Road Project	2899276	2891281	95		5/28/2019	5	1" and smaller	45 1/2" Plastic	64	\$	1,335.85
Road Project	2899277	2891281	95		5/28/2019	5	-	1/2" Plastic	10	\$	880.20
Road Project	2899278	2891281	95		5/28/2019	5	-	1/2" Plastic	15	\$	868.51
Road Project	2899279	2891281	95		5/28/2019	5	1" and smaller	55 1/2" Plastic	70	\$	1,668.87
Road Project	2849651	2845221	93		5/28/2019	5	1" and smaller	114 1/2" Plastic	108	\$	2,633.24
Road Project	2890036	2883559	97		5/29/2019	5	1" and smaller	131 3/4" Steel	135	\$	3,423.16
Road Project	2902635	2873941	97		5/29/2019	5	1" and smaller	53 3/4" Steel	82	\$	1,994.61
Road Project	2891840	2873941	97		5/29/2019	5	1" and smaller	134 3/4" Steel	69	\$	2,327.16
Road Project	2900880	2893325	96		5/29/2019	5	-	1" Plastic	75	\$	3,276.18
Road Project	2849636	2845221	93		5/30/2019	5	1" and smaller	108 1/2" Plastic	98	\$	2,502.63
Road Project	2849640	2845221	93		5/30/2019	5	1" and smaller	93 1/2" Plastic	88	\$	2,321.02
Road Project	2849634	2845221	93		5/30/2019	5	1" and smaller	24 1/2" Plastic	27	\$	978.43
Road Project	2849633	2845221	93		5/30/2019	5	1" and smaller	21 1/2" Plastic	19	\$	959.46
Road Project	2849632	2845221	93		5/30/2019	5	1" and smaller	98 1/2" Plastic	90	\$	2,485.16
Road Project	2849630	2845221	93		5/30/2019	5	1" and smaller	92 1/2" Plastic	88	\$	2,287.16
Road Project	2849627	2845221	93		5/30/2019	5	1" and smaller	94 1/2" Plastic	88	\$	2,359.85
Road Project	2854997	2843073	94		5/30/2019	5	1" and smaller	53 3/4" Steel	58	\$	1,688.12
Road Project	2854994	2843073	94		5/30/2019	5	1" and smaller	90 3/4" Steel	85	\$	1,799.40
Road Project	2854988	2843073	94		5/30/2019	5	1" and smaller	88 3/4" Steel	83	\$	1,977.43
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	1" and smaller	57 3/4" Steel	102	\$	1,211.83
Road Project	2854984	2843073	94		5/30/2019	5	1" and smaller	55 3/4" Steel	100	\$	879.35
Road Project	2854996	2843073	94		5/30/2019	5	1" and smaller	41 3/4" Steel	86	\$	1,046.01
Road Project	2854979	2843073	94		5/31/2019	5	1" and smaller	44 3/4" Steel	50	\$	1,543.67
Road Project	2854981	2843073	94		5/31/2019	5	1" and smaller	40 3/4" Steel	46	\$	1,032.42
Road Project	2854977	2843073	94		5/31/2019	5	1" and smaller	50 3/4" Steel	58	\$	1,579.18
Road Project	2854982	2843073	94		5/31/2019	5	1" and smaller	100 3/4" Steel	93	\$	1,475.00
Road Project	2854978	2843073	94		5/31/2019	5	1" and smaller	94 3/4" Steel	89	\$	2,304.14
Road Project	2854971	2843073	94		5/31/2019	5	1" and smaller	82 3/4" Steel	78	\$	2,123.08
Road Project	2891845	2873941	97		6/1/2019	5	1" and smaller	214 3/4" Steel	109	\$	3,202.18
Road Project	2854975	2843073	94		6/1/2019						

...PRIVATE DATA ENDS]

[PRIVATE DATA BEGINS...]

Type	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	2854954	2843073	94		6/4/2019	6	1" and smaller	86	3/4" Steel	80	2,165.62
Road Project	2854957	2843073	94		6/4/2019	6	1" and smaller	73	3/4" Steel	67	1,651.24
Road Project	2854960	2843073	94		6/4/2019	6	1" and smaller	77	3/4" Steel	71	2,051.12
Road Project	2901442	2893325	96		6/4/2019	6	1" and smaller	71	1/2" Plastic	85	2,896.35
Road Project	2900864	2893325	96		6/4/2019	6	1" and smaller	12	1/2" Plastic	10	1,791.11
Road Project	2899948	2898628	96		6/5/2019	6	1" and smaller	138	1/2" Plastic	114	2,575.87
Road Project	2900865	2898628	96		6/5/2019	6	1" and smaller	131	1/2" Plastic	92	2,062.36
Road Project	2854945	2843073	94		6/5/2019	6	1" and smaller	75	3/4" Steel	93	1,601.93
Road Project	2854948	2843073	94		6/5/2019	6	1" and smaller	44	3/4" Steel	36	1,109.12
Road Project	2854938	2843073	94		6/5/2019	6	1" and smaller	34	3/4" Steel	69	993.56
Road Project	2854941	2843073	94		6/5/2019	6	1" and smaller	43	3/4" Steel	78	1,026.88
Road Project	2854944	2843073	94		6/5/2019	6	1" and smaller	47	3/4" Steel	50	1,052.84
Road Project	2901392	2893325	96		6/5/2019	6	1" and smaller	9	1/2" Plastic	81	1,677.81
Road Project	2899968	2693363	96		6/5/2019	6	1" and smaller	12	None	70	1,809.61
Road Project	2903275	2893325	96		6/5/2019	6	1" and smaller	35	1/2" Plastic	35	1,942.75
Road Project	2900907	2893325	96		6/5/2019	6	1" and smaller	72	None	73	1,934.15
Road Project	2889376	2880805	95		6/5/2019	6	1" and smaller	10	3/4" Steel	25	929.37
Road Project	2889370	2880805	95		6/5/2019	6	1" and smaller	60	1/2" Plastic	110	3,056.99
Road Project	2889379	2880805	95		6/5/2019	6	1" and smaller	45	3/4" Steel	100	2,579.80
Road Project	2888946	2880805	95		6/5/2019	6	1" and smaller	40	1/2" Plastic	100	1,882.81
Road Project	2888422	2880805	95		6/5/2019	6	1" and smaller	120	1/2" Plastic	55	4,064.38
Road Project	2888678	2880805	95		6/5/2019	6	1" and smaller	20	1/2" Plastic	40	2,092.16
Road Project	2908119	2902533	93		6/6/2019	6	1" and smaller	800	1/2" Plastic	90	4,795.48
Road Project	2900860	2898628	96		6/6/2019	6	1" and smaller	176	1/2" Plastic	164	4,918.77
Road Project	2900849	2898628	96		6/6/2019	6	1" and smaller	167	1/2" Plastic	160	3,972.13
Road Project	2854962	2843073	94		6/6/2019	6	1" and smaller	120	3/4" Steel	115	2,708.16
Road Project	2854967	2843073	94		6/6/2019	6	1" and smaller	90	3/4" Steel	85	1,955.31
Road Project	2888894	2880805	95		6/6/2019	6	1" and smaller	30	3/4" Steel	40	1,246.22
Road Project	2888902	2880805	95		6/6/2019	6	1" and smaller	30	3/4" Steel	15	1,182.54
Road Project	2888907	2880805	95		6/6/2019	6	1" and smaller	55	3/4" Steel	115	1,868.13
Road Project	2888321	2880805	95		6/6/2019	6	1" and smaller	75	None	115	1,350.15
Road Project	2888921	2880805	95		6/6/2019	6	1" and smaller	80	1/2" Plastic	90	2,281.78
Road Project	2888356	2880805	95		6/6/2019	6	1" and smaller	8	1/2" Plastic	75	971.20
Road Project	2888731	2880805	95		6/6/2019	6	1" and smaller	110	1/2" Plastic	55	1,208.82
Road Project	2900871	2898628	96		6/7/2019	6	1" and smaller	133	1/2" Plastic	92	2,159.94
Road Project	2899941	2898628	96		6/7/2019	6	1" and smaller	109	1/2" Plastic	164	2,833.00
Road Project	2855002	2843073	94		6/7/2019	6	1" and smaller	176	3/4" Steel	170	2,093.24
Road Project	2854999	2843073	94		6/7/2019	6	1" and smaller	254	3/4" Steel	250	2,435.73
Road Project	2900990	2893325	96		6/7/2019	6	1" and smaller	13	1/2" Plastic	10	981.41
Road Project	2902274	2893325	96		6/7/2019	6	1" and smaller	24	1/2" Plastic	26	6,989.34
Road Project	2888548	2880805	95		6/7/2019	6	1" and smaller	75	1/2" Plastic	100	2,073.58
Road Project	2889368	2880805	95		6/7/2019	6	1" and smaller	60	None	105	1,161.78
Road Project	2888695	2880805	95		6/7/2019	6	1" and smaller	45	1/2" Plastic	100	2,594.40
Road Project	2889377	2880805	95		6/7/2019	6	1" and smaller	40	3/4" Steel	45	1,481.95
Road Project	2889378	2880805	95		6/7/2019	6	1" and smaller	30	3/4" Steel	38	1,370.53
Road Project	2900843	2898628	96		6/10/2019	6	1" and smaller	39	1/2" Plastic	78	1,126.51
Road Project	2900897	2898628	96		6/10/2019	6	1" and smaller	104	1/2" Plastic	95	1,634.45
Road Project	2899936	2898628	96		6/10/2019	6	1" and smaller	47	1/2" Plastic	44	1,195.15
Road Project	2899928	2898628	96		6/10/2019	6	1" and smaller	90	1/2" Plastic	87	1,499.82
Road Project	2903162	2893325	96		6/10/2019	6	1" and smaller	153	1/2" Plastic	223	3,972.74
Road Project	2889184	2880805	95		6/10/2019	6	1" and smaller	20	3/4" Steel	80	1,224.88
Road Project	2888618	2880805	95		6/10/2019	6	1" and smaller	45	3/4" Steel	50	1,871.16
Road Project	2889179	2880805	95		6/10/2019	6	1" and smaller	45	3/4" Steel	45	1,160.38
Road Project	2889346	2880805	95		6/10/2019	6	1" and smaller	25	3/4" Steel	54	1,344.23
Road Project	2888996	2880805	95		6/10/2019	6	1" and smaller	40	3/4" Steel	45	1,544.78
Road Project	2888651	2880805	95		6/10/2019	6	1" and smaller	25	3/4" Steel	97	1,094.38
Road Project	2889082	2880805	95		6/11/2019	6	1" and smaller	50	3/4" Steel	55	1,171.10
Road Project	2889278	2880805	95		6/11/2019	6	1" and smaller	60	3/4" Steel	55	2,536.69
Road Project	2889371	2880805	95		6/11/2019	6	1" and smaller	50	None	120	1,883.30
Road Project	2889339	2880805	95		6/11/2019	6	1" and smaller	45	3/4" Steel	105	1,846.63
Road Project	2889258	2880805	95		6/11/2019	6	1" and smaller	15	1/2" Plastic	18	1,810.84
Road Project	2900902	2898628	96		6/12/2019	6	1" and smaller	60	1/2" Plastic	162	1,355.71
Road Project	2900899	2898628	96		6/12/2019	6	1" and smaller	27	1/2" Plastic	75	1,090.35
Road Project	2900891	2898628	96		6/12/2019	6	1" and smaller	125	1/2" Plastic	85	3,091.04
Road Project	2888585	2880805	95		6/13/2019	6	1" and smaller	40	3/4" Steel	95	1,544.78
Road Project	2903874	2893325	96		6/17/2019	6	None	-	None	-	688.46
Road Project	2886054	2858315	95		6/18/2019	6	1" and smaller	84	1/2" Plastic	-	1,551.01
Road Project	2885827	2858315	95		6/18/2019	6	1" and smaller	62	1/2" Plastic	70	1,582.07
Road Project	2886155	2858315	95		6/18/2019	6	1" and smaller	85	1/2" Plastic	42	1,625.78
Road Project	2886174	2858315	95		6/18/2019	6	1" and smaller	86	1/2" Plastic	57	1,498.28
Road Project	2904146	2893325	96		6/18/2019	6	1" and smaller	91	1/2" Plastic	115	5,560.73
Road Project	2886037	2858315	95		6/19/2019	6	1" and smaller	63	1/2" Plastic	45	1,362.89
Road Project	2885825	2858315	95		6/19/2019	6	1" and smaller	86	1/2" Plastic	40	2,114.90
Road Project	2886299	2858315	95		6/19/2019	6	1" and smaller	92	1/2" Plastic	185	1,121.74
Road Project	2886319	2858315	95		6/19/2019	6	1" and smaller	8	1/2" Plastic	40	1,155.50
Road Project	2885810	2858315	95		6/19/2019	6	1" and smaller	88	1/2" Plastic	65	2,161.47
Road Project	2885823	2858315	95		6/19/2019	6	1" and smaller	80	1/2" Plastic	60	2,157.72
Road Project	2885563	2858315	95		6/19/2019	6	1" and smaller	58	1/2" Plastic	113	1,368.35
Road Project	2885564	2858315	95		6/19/2019	6	1" and smaller	53	1/2" Plastic	33	1,439.44
Road Project	2904755	2693363	99		6/19/2019	6	1" and smaller	91	3/4" Steel	84	2,637.23
Road Project	2903537	2893325	96		6/19/2019	6	1" and smaller	54	1/2" Plastic	56	1,751.91
Road Project	2886051	2858315	95		6/20/2019	6	1" and smaller	88	1/2" Plastic	48	2,395.42
Road Project	2885824	2858315	95		6/20/2019	6	1" and smaller	95	1/2" Plastic	74	1,983.60
Road Project	2886052	2858315	95		6/20/2019	6	1" and smaller	95	1/2" Plastic	34	2,695.79
Road Project	2885826	2858315	95		6/20/2019	6	1" and smaller	115	1/2" Plastic	74	2,072.75
Road Project	2910804	2892699	96		6/20/2019	6	1" and smaller	88	1/2" Plastic	93	2,316.29
Road Project	2910830	2892699	96		6/20/2019	6	1" and smaller	43	1/2" Plastic	98	1,546.06
Road Project	2915230	2892699	96		6/20/2019	6	1" and smaller	64	1/2" Plastic	98	2,021.60
Road Project	2910824	2892699	96		6/20/2019	6	1" and smaller	87	1/2" Plastic	39	4,582.77
Road Project	2915235	2892699	96		6/20/2019	6	1" and smaller	35	1/2" Plastic	30	2,492.50
Road Project	2910787	2892699	96		6/20/2019	6	1" and smaller	87	1/2" Plastic	22	2,361.24
Road Project	2910817	2892699	96		6/20/2019	6	1" and smaller	87	1/2" Plastic	102	2,305.95
Road Project	2903524	2893325	96		6/20/2019	6	1" and smaller	88	1/2" Plastic	86	1,515.02
Road Project	2885555	2858315	95		6/21/2019	6	1" and smaller	85	1/2" Plastic	114	1,559.64
Road Project	2885630	2858315	95		6/21/2019	6	1" and smaller	108	1/2" Plastic	76	2,059.66
Road Project	2910284	2693363	99		6/23/2019	6	1" and smaller	109	1/2" Plastic	-	1,370.25
Road Project	2916899	2693363	96		6/24/2019	6	1" and smaller	100	1/2" Plastic	110	1,516.11
Road Project	2899734	2858854	93		6/24/2019	6	1" and smaller	100	1/2" Plastic	112	2,691.51
Road Project	2885562	2858315	95		6/24/2019	6	1" and smaller	50	1/2" Plastic	113	1,420.66
Road Project	2885759	2858315	95		6/24/2019	6	1" and smaller	90	1/2" Plastic	60	2,181.22

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Type	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	2886053	2858315	95		6/24/2019	6	1" and smaller	95	1/2" Plastic	65	2,893.58
Road Project	2885628	2858315	95		6/24/2019	6	1" and smaller	90	1/2" Plastic	89	2,090.76
Road Project	2885624	2858315	95		6/24/2019	6	1" and smaller	95	1/2" Plastic	60	2,520.74
Road Project	2886175	2858315	95		6/24/2019	6	1" and smaller	45	1/2" Plastic	30	1,852.18
Road Project	2885631	2858315	95		6/24/2019	6	1" and smaller	148	1/2" Plastic	108	2,400.07
Road Project	2885629	2858315	95		6/24/2019	6	1" and smaller	98	1/2" Plastic	24	2,057.22
Road Project	2906213	2892699	96		6/24/2019	6	1" and smaller	66	1/2" Plastic	71	1,267.97
Road Project	2906219	2892699	96		6/24/2019	6	1" and smaller	66	1/2" Plastic	102	1,267.85
Road Project	2899730	2858854	93		6/25/2019	6	1" and smaller	44	1/2" Plastic	109	1,551.99
Road Project	2899731	2858854	93		6/25/2019	6	1" and smaller	79	1/2" Plastic	143	2,100.75
Road Project	2899727	2858854	93		6/25/2019	6	1" and smaller	275	1/2" Plastic	111	5,097.13
Road Project	2899736	2858854	93		6/25/2019	6	1" and smaller	47	1/2" Plastic	112	1,357.94
Road Project	2899735	2858854	93		6/25/2019	6	1" and smaller	57	1/2" Plastic	118	1,625.24
Road Project	2899733	2858854	93		6/25/2019	6	1" and smaller	50	1/2" Plastic	123	1,643.25
Road Project	2899732	2858854	93		6/25/2019	6	1" and smaller	57	1/2" Plastic	123	1,851.70
Road Project	2906204	2892699	96		6/25/2019	6	1" and smaller	94	1/2" Plastic	76	4,057.88
Road Project	2916583	2892699	96		6/25/2019	6	1" and smaller	76	1/2" Plastic	55	2,140.53
Road Project	2886117	2858315	95		6/25/2019	6	1" and smaller	103	1/2" Plastic	95	1,313.39
Road Project	2899739	2858854	93		6/26/2019	6	1" and smaller	73	1/2" Plastic	135	1,985.09
Road Project	2899737	2858854	93		6/26/2019	6	1" and smaller	40	1/2" Plastic	112	1,491.15
Road Project	2916562	2892699	96		6/26/2019	6	1" and smaller	79	1/2" Plastic	85	2,107.63
Road Project	2915381	2892699	96		6/26/2019	6	1" and smaller	141	1/2" Plastic	89	6,226.92
Road Project	2915232	2892699	96		6/26/2019	6	1" and smaller	117	1/2" Plastic	73	2,722.47
Road Project	2915222	2892699	96		6/26/2019	6	1" and smaller	136	1/2" Plastic	53	1,861.93
Road Project	2915432	2883559	97		6/26/2019	6	1" and smaller	74	1" Steel	64	1,378.68
Road Project	2915423	2883559	97		6/26/2019	6	1" and smaller	30	3/4" Steel	60	2,239.56
Road Project	2890459	2867745	95		6/26/2019	6	1" and smaller	44	1/2" Plastic	97	1,576.81
Road Project	2886073	2858315	95		6/26/2019	6	1" and smaller	278	1" Plastic	38	2,757.77
Road Project	2914911	2906367	98		6/26/2019	6	1" and smaller	109	1" Steel	57	2,808.34
Road Project	2914910	2906367	98		6/26/2019	6	1" and smaller	96	1/2" Plastic	50	2,527.85
Road Project	2914892	2906367	98		6/26/2019	6	1" and smaller	62	1" Steel	28	1,914.87
Road Project	2914908	2906367	98		6/26/2019	6	1" and smaller	97	1/2" Plastic	140	2,571.71
Road Project	2914909	2906367	98		6/26/2019	6	1" and smaller	83	1" Steel	53	2,348.02
Road Project	2890442	2867745	95		6/27/2019	6	1" and smaller	42	3/4" Steel	92	1,550.08
Road Project	2890725	2867745	95		6/27/2019	6	1" and smaller	47	3/4" Steel	115	1,628.40
Road Project	2886119	2858315	95		6/27/2019	6	1" and smaller	395	1/2" Plastic	30	6,887.75
Road Project	2909796	2892699	96		6/27/2019	6	1" and smaller	52	1/2" Plastic	98	1,755.59
Road Project	2914914	2906367	98		6/27/2019	6	1" and smaller	23	1" Steel	65	1,316.86
Road Project	2914913	2906367	98		6/27/2019	6	1" and smaller	89	1" Steel	37	2,461.34
Road Project	2914915	2906367	98		6/27/2019	6	1" and smaller	48	1/2" Plastic	-	1,664.69
Road Project	2914942	2906367	98		6/27/2019	6	1" and smaller	36	1/2" Plastic	76	1,530.13
Road Project	2914922	2906367	98		6/27/2019	6	1" and smaller	34	3/4" Steel	71	1,515.32
Road Project	2899738	2858854	93		6/28/2019	6	1" and smaller	80	1/2" Plastic	146	2,479.82
Road Project	2890223	2867745	95		6/28/2019	6	1" and smaller	36	3/4" Steel	102	1,084.41
Road Project	2890653	2867745	95		6/28/2019	6	1" and smaller	55	3/4" Steel	116	2,462.39
Road Project	2890654	2867745	95		6/28/2019	6	1" and smaller	55	3/4" Steel	23	2,326.18
Road Project	2886120	2858315	95		6/28/2019	6	1" and smaller	285	1/2" Plastic	68	6,166.26
Road Project	2914917	2906367	98		6/28/2019	6	1" and smaller	49	3/4" Steel	57	1,751.82
Road Project	2914920	2906367	98		6/28/2019	6	1" and smaller	72	3/4" Steel	56	2,078.00
Road Project	2914919	2906367	98		6/28/2019	6	1" and smaller	61	1" Steel	65	1,942.98
Road Project	2890224	2867745	95		7/1/2019	7	1" and smaller	46	3/4" Steel	96	1,198.94
Road Project	2890651	2867745	95		7/1/2019	7	1" and smaller	27	3/4" Steel	37	1,510.36
Road Project	2890652	2867745	95		7/1/2019	7	1" and smaller	34	3/4" Steel	44	1,571.72
Road Project	2890225	2867745	95		7/1/2019	7	1" and smaller	70	3/4" Steel	127	1,430.38
Road Project	2905858	2693363	95		7/1/2019	7	2" plastic	50	1" Plastic	50	3,119.71
Road Project	2886007	2858315	95		7/1/2019	7	1" and smaller	70	1" Plastic	140	1,817.49
Road Project	2890732	2867745	95		7/2/2019	7	1" and smaller	41	3/4" Steel	146	1,446.09
Road Project	2886118	2858315	95		7/2/2019	7	1" and smaller	180	1/2" Plastic	285	3,572.12
Road Project	2886122	2858315	95		7/3/2019	7	1" and smaller	80	1/2" Plastic	177	1,850.83
Road Project	2886121	2858315	95		7/3/2019	7	1" and smaller	70	1/2" Plastic	171	1,750.60
Road Project	2920356	2858315	95		7/3/2019	7	1" and smaller	325	1" Plastic	135	5,751.07
Road Project	2890222	2867745	95		7/8/2019	7	1" and smaller	37	3/4" Steel	90	1,121.49
Road Project	2890721	2867745	95		7/8/2019	7	1" and smaller	28	3/4" Steel	10	1,676.35
Road Project	2890705	2867745	95		7/8/2019	7	1" and smaller	56	3/4" Steel	109	2,653.28
Road Project	2889909	2867745	95		7/8/2019	7	1" and smaller	38	3/4" Steel	91	1,896.61
Road Project	2890648	2867745	95		7/8/2019	7	1" and smaller	42	3/4" Steel	100	1,532.45
Road Project	2890326	2867745	95		7/9/2019	7	1" and smaller	70	1/2" Plastic	78	1,274.09
Road Project	2890733	2867745	95		7/9/2019	7	1" and smaller	45	3/4" Steel	126	1,587.09
Road Project	2890650	2867745	95		7/9/2019	7	1" and smaller	32	3/4" Steel	95	1,414.97
Road Project	2890129	2867745	95		7/9/2019	7	1" and smaller	58	3/4" Steel	68	1,165.86
Road Project	2890124	2867745	95		7/9/2019	7	1" and smaller	30	3/4" Steel	38	1,432.54
Road Project	2890128	2867745	95		7/9/2019	7	1" and smaller	31	3/4" Steel	38	1,061.90
Road Project	2890130	2867745	95		7/9/2019	7	1" and smaller	28	3/4" Steel	38	1,028.62
Road Project	2889913	2867745	95		7/10/2019	7	1" and smaller	29	3/4" Steel	36	1,103.98
Road Project	2894745	2867745	95		7/10/2019	7	1" and smaller	49	3/4" Steel	53	1,221.38
Road Project	2889920	2867745	95		7/10/2019	7	1" and smaller	27	3/4" Steel	37	1,497.77
Road Project	2889919	2867745	95		7/10/2019	7	1" and smaller	28	3/4" Steel	39	1,325.94
Road Project	2889916	2867745	95		7/10/2019	7	1" and smaller	29	3/4" Steel	49	1,061.49
Road Project	2920619	2867745	95		7/10/2019	7	1" and smaller	50	3/4" Steel	100	2,274.34
Road Project	2889917	2867745	95		7/10/2019	7	1" and smaller	38	3/4" Steel	115	1,486.93
Road Project	2894754	2867745	95		7/11/2019	7	1" and smaller	30	3/4" Steel	66	1,199.20
Road Project	2894774	2867745	95		7/11/2019	7	1" and smaller	34	1/2" Plastic	78	1,522.59
Road Project	2889912	2867745	95		7/12/2019	7	1" and smaller	30	3/4" Steel	46	2,540.71
Road Project	2889914	2867745	95		7/12/2019	7	1" and smaller	77	3/4" Steel	108	1,405.56
Road Project	2894779	2867745	95		7/13/2019	7	1" and smaller	38	1/2" Plastic	48	1,422.95
Road Project	2890850	2867745	95		7/15/2019	7	1" and smaller	30	3/4" Steel	41	1,070.45
Road Project	2890853	2867745	95		7/15/2019	7	1" and smaller	38	3/4" Steel	84	1,940.88
Road Project	2894873	2867745	95		7/15/2019	7	1" and smaller	36	1/2" Plastic	46	1,649.71
Road Project	2894854	2867745	95		7/15/2019	7	1" and smaller	31	1/2" Plastic	41	1,168.21
Road Project	2890870	2867745	95		7/15/2019	7	1" and smaller	27	3/4" Steel	39	1,318.45
Road Project	2890869	2867745	95		7/15/2019	7	1" and smaller	29	3/4" Steel	38	1,317.07
Road Project	2894777	2867745	95		7/15/2019	7	1" and smaller	36	1/2" Plastic	91	1,416.63
Road Project	2890840	2867745	95		7/15/2019	7	1" and smaller	36	3/4" Steel	46	1,088.44
Road Project	2894778	2867745	95		7/15/2019	7	1" and smaller	43	1/2" Plastic	89	1,616.55
Road Project	2889915	2867745	95		7/16/2019	7	1" and smaller	42	3/4" Steel	61	1,159.45
Road Project	2894755	2867745	95		7/16/2019	7	1" and smaller	30	3/4" Steel	38	1,140.22
Road Project	2894736	2867745	95		7/16/2019	7	1" and smaller	72	1/2" Plastic	123	1,955.45
Road Project	2894872	2867745	95		7/16/2019	7	1" and smaller	61	1/2" Plastic	152	1,351.54
Road Project	2894750	2867745	95		7/16/2019	7	1" and smaller	22	3/4" Steel	32	1,200.48
Road Project	2889918	2867745	95		7/16/2019	7	1" and smaller	10	3/4" Steel	10	865.40

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Type	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	2919475	288085	95		7/17/2019	7	1" and smaller	136 3/4" Steel		320 \$	4,396.83
Road Project	2919494	288085	95		7/17/2019	7	1" and smaller	276 3/4" Steel		243 \$	3,299.88
Road Project	2918161	2914229	96		7/24/2019	7	1" and smaller	79 1/2" Plastic		65 \$	2,142.32
Road Project	2918174	2914229	96		7/24/2019	7	1" and smaller	100 1/2" Plastic		83 \$	2,540.92
Road Project	2918203	2914229	96		7/24/2019	7	1" and smaller	70 1/2" Plastic		59 \$	2,155.46
Road Project	2923972	2865956	94		7/24/2019	7	1" and smaller	98 3/4" Steel		19 \$	2,449.73
Road Project	2877256	2865956	94		7/24/2019	7	1" and smaller	36 3/4" Steel		38 \$	1,065.96
Road Project	2877252	2865956	94		7/24/2019	7	1" and smaller	45 3/4" Steel		47 \$	1,130.77
Road Project	2877255	2865956	94		7/24/2019	7	1" and smaller	44 3/4" Steel		49 \$	1,104.23
Road Project	2877251	2865956	94		7/24/2019	7	1" and smaller	18 3/4" Steel		40 \$	1,208.05
Road Project	2877247	2865956	94		7/24/2019	7	1" and smaller	30 3/4" Steel		36 \$	1,105.05
Road Project	2877250	2865956	94		7/24/2019	7	1" and smaller	27 3/4" Steel		32 \$	1,064.87
Road Project	2877259	2865956	94		7/24/2019	7	1" and smaller	124 3/4" Steel		119 \$	2,600.50
Road Project	2918170	2914229	96		7/25/2019	7	1" and smaller	166 1/2" Plastic		185 \$	1,741.71
Road Project	2918215	2914229	96		7/25/2019	7	1" and smaller	163 1/2" Plastic		175 \$	3,577.85
Road Project	2918218	2914229	96		7/25/2019	7	1" and smaller	180 1/2" Plastic		193 \$	3,839.26
Road Project	2877254	2865956	94		7/25/2019	7	Retirement	- 3/4" Steel		90 \$	397.08
Road Project	2924049	2865956	94		7/25/2019	7	1" and smaller	28 3/4" Steel		44 \$	884.82
Road Project	2918237	2914229	96		7/26/2019	7	1" and smaller	66 1/2" Plastic		110 \$	939.30
Road Project	2929152	2925309	94		7/26/2019	7	1" and smaller	89 1/2" Plastic		77 \$	1,822.11
Road Project	2928860	2925309	94		7/26/2019	7	1" and smaller	53 1/2" Plastic		41 \$	1,621.46
Road Project	2922643	2919228	98		7/29/2019	7	1" and smaller	69 1" Steel		69 \$	2,378.25
Road Project	2903058	2899094	93		7/29/2019	7	1" and smaller	150 1" Plastic		586 \$	3,397.19
Road Project	2928867	2925309	95		7/29/2019	7	1" and smaller	15 1/2" Plastic		1 \$	1,351.00
Road Project	2928865	2925309	94		7/29/2019	7	1" and smaller	96 1/2" Plastic		84 \$	2,328.74
Road Project	2928862	2925309	94		7/29/2019	7	1" and smaller	52 1/2" Plastic		40 \$	1,604.80
Road Project	2928864	2925309	94		7/29/2019	7	1" and smaller	10 1/2" Plastic		- \$	1,012.83
Road Project	2911404	2900909	80		7/31/2019	7	1" and smaller	35 1" Plastic		1 \$	832.32
Road Project	2884947	2693363	93		7/31/2019	7	1" and smaller	75 3/4" Steel		88 \$	3,190.78
Road Project	2885000	2858315	95		7/31/2019	7	1" and smaller	95 3/4" Steel		105 \$	2,407.28
Road Project	2917479	2902309	95		8/1/2019	8	1" and smaller	86 1" Plastic		26 \$	2,397.73
Road Project	2917619	2902309	95		8/1/2019	8	1" and smaller	97 None		88 \$	5,905.03
Road Project	2930176	2880805	95		8/1/2019	8	1" and smaller	25 3/4" Steel		32 \$	1,004.89
Road Project	2930170	2880805	95		8/1/2019	8	1" and smaller	35 3/4" Steel		40 \$	1,579.86
Road Project	2884968	2858315	95		8/2/2019	8	1" and smaller	40 3/4" Steel		48 \$	1,662.98
Road Project	2884909	2858315	95		8/2/2019	8	1" and smaller	55 1/2" Plastic		65 \$	1,881.80
Road Project	2884930	2858315	95		8/2/2019	8	1" and smaller	50 3/4" Steel		65 \$	1,865.95
Road Project	2884702	2693363	95		8/2/2019	8	1" and smaller	170 1/2" Plastic		223 \$	4,526.42
Road Project	2917596	2902309	95		8/3/2019	8	1" and smaller	43 3/4" Steel		41 \$	2,033.29
Road Project	2921356	2901828	95		8/3/2019	8	2" plastic	32 2" Steel		40 \$	2,633.45
Road Project	2919507	2880805	95		8/3/2019	8	lie over	1 1" Plastic		2 \$	603.01
Road Project	2930050	2883559	97		8/5/2019	8	1" and smaller	58 3/4" Steel		75 \$	1,381.12
Road Project	2918053	2902309	95		8/5/2019	8	2" plastic	15 2" Plastic		25 \$	3,416.57
Road Project	2917687	2902309	95		8/5/2019	8	1" and smaller	317 1" Plastic		174 \$	3,068.43
Road Project	2885208	2858315	95		8/7/2019	8	1" and smaller	10 1/2" Plastic		3 \$	776.94
Road Project	2885205	2858315	95		8/7/2019	8	1" and smaller	310 1" Plastic		51 \$	6,644.80
Road Project	2885204	2858315	95		8/8/2019	8	1" and smaller	215 1/2" Plastic		420 \$	4,269.57
Road Project	2885203	2858315	95		8/8/2019	8	1" and smaller	305 1/2" Plastic		312 \$	5,772.24
Road Project	2886123	2858315	95		8/8/2019	8	1" and smaller	75 1/2" Plastic		65 \$	2,034.79
Road Project	2914932	2906367	98		8/9/2019	8	1" and smaller	85 3/4" Steel		71 \$	2,332.70
Road Project	2915361	2907282	93		8/12/2019	8	1" and smaller	116 1/2" Plastic		100 \$	2,259.19
Road Project	2915359	2907282	93		8/12/2019	8	1" and smaller	101 3/4" Steel		95 \$	2,422.50
Road Project	2915363	2907282	93		8/12/2019	8	1" and smaller	130 1/2" Plastic		134 \$	2,870.60
Road Project	2915362	2907282	93		8/12/2019	8	1" and smaller	154 1/2" Steel		50 \$	3,301.98
Road Project	2915360	2907282	93		8/12/2019	8	1" and smaller	91 3/4" Steel		86 \$	2,263.31
Road Project	2919236	2907282	93		8/12/2019	8	2" plastic	51 None		77 \$	2,864.97
Road Project	2885799	2858315	95		8/12/2019	8	1" and smaller	35 1" Plastic		110 \$	823.55
Road Project	2885828	2858315	95		8/12/2019	8	1" and smaller	60 1" Plastic		113 \$	990.48
Road Project	2885847	2858315	95		8/12/2019	8	1" and smaller	120 1/2" Plastic		364 \$	2,875.82
Road Project	2885206	2858315	95		8/12/2019	8	1" and smaller	210 1/2" Plastic		70 \$	4,065.87
Road Project	2915358	2907282	93		8/13/2019	8	1" and smaller	84 1/2" Plastic		80 \$	2,150.42
Road Project	2915357	2907282	93		8/13/2019	8	1" and smaller	89 3/4" Steel		84 \$	2,248.10
Road Project	2913517	2907282	93		8/13/2019	8	1" and smaller	103 3/4" 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	2907282	93		8/13/2019	8	1" and smaller	174 3/4" Steel		169 \$	2,483.44
Road Project	2913519	2907282	93		8/13/2019	8	1" and smaller	280 1/2" Plastic		260 \$	4,862.87
Road Project	2914935	2906367	97		8/13/2019	8	1" and smaller	169 1" Steel		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	2884882	2858315	95		8/13/2019	8	1" and smaller	30 3/4" Steel		10 \$	1,276.52
Road Project	2912623	2907282	93		8/14/2019	8	1" and smaller	98 1/2" Plastic		94 \$	2,370.45
Road Project	2913512	2907282	93		8/14/2019	8	1" and smaller	117 1/2" Plastic		112 \$	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	2907282	93		8/14/2019	8	1" and smaller	39 3/4" Steel		43 \$	1,469.71
Road Project	2884863	2858315	95		8/14/2019	8	1" and smaller	50 1/2" Plastic		76 \$	3,151.66
Road Project	2885212	2858315	95		8/14/2019	8	1" and smaller	50 1/2" Plastic		60 \$	2,053.15
Road Project	2913509	2907282	93		8/14/2019	8	1" and smaller	34 3/4" Steel		42 \$	1,020.11
Road Project	2910578	2907282	93		8/15/2019	8	1" and smaller	40 3/4" Steel		44 \$	1,262.73
Road Project	2910581	2907282	93		8/15/2019	8	1" and smaller	42 3/4" Steel		46 \$	1,515.34
Road Project	2910580	2907282	93		8/15/2019	8	1" and smaller	96 1/2" Plastic		92 \$	1,819.15
Road Project	2912624	2907282	93		8/15/2019	8	1" and smaller	40 3/4" Steel		46 \$	1,481.71
Road Project	2912625	2907282	93		8/15/2019	8	1" and smaller	40 3/4" Steel		45 \$	1,481.71
Road Project	2910579	2907282	93		8/15/2019	8	1" and smaller	58 3/4" Steel		48 \$	2,103.04
Road Project	2884873	2858315	95		8/15/2019	8	1" and smaller	64 3/4" Steel		60 \$	2,126.28
Road Project	2910576	2907282	93		8/16/2019	8	1" and smaller	40 3/4" Steel		44 \$	1,046.10
Road Project	2910577	2907282	93		8/16/2019	8	1" and smaller	44 3/4" Steel		48 \$	1,583.98
Road Project	2884695	2858315	95		8/16/2019	8	1" and smaller	55 1" Plastic		495 \$	1,379.41
Road Project	2913521	2907282	93		8/19/2019	8	1" and smaller	100 1/2" Plastic		95 \$	2,397.66
Road Project	2910674	2907282	93		8/19/2019	8	1" and smaller	98 3/4" Steel		94 \$	2,364.03
Road Project	2917319	2907282	93		8/21/2019	8	1" and smaller	78 3/4" Steel		20 \$	2,255.34
Road Project	2923431	2907282	93		8/21/2019	8	1" and smaller	102 3/4" Steel		108 \$	2,736.87
Road Project	2925132	2907282	93		8/21/2019	8	1" and smaller	126 3/4" Steel		131 \$	3,448.52
Road Project	2923412	2907282	93		8/21/2019	8	1" and smaller	145 3/4" Steel		140 \$	3,570.79
Road Project	2919237	2907282	93		8/21/2019	8	1" and smaller	82 3/4" Steel		121 \$	3,984.57
Road Project	2923413	2907282	93		8/21/2019	8	1" and smaller	102 3/4" Steel		30 \$	2,929.95
Road Project	2919233	2907282	93		8/21/2019	8	1" and smaller	72 3/4" Steel		95 \$	2,134.96
Road Project	2917318	2907282	93		8/22/2019	8	1" and smaller	100 3/4" Steel		20 \$	2,691.71
Road Project	2917317	2907282	93		8/22/2019	8	1" and smaller	115 3/4" Steel		84 \$	3,039.17

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Type	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	2919234	2907282	93		8/22/2019	8	1" and smaller	103	3/4" Steel	85	2,960.31
Road Project	2919235	2907282	93		8/22/2019	8	1" and smaller	111	3/4" Steel	20	2,988.95
Road Project	2926233	2907282	93		8/22/2019	8	1" and smaller	50	1/2" Plastic	120	2,364.56
Road Project	2925133	2907282	93		8/22/2019	8	1" and smaller	121	3/4" Steel	125	2,946.26
Road Project	2917315	2907282	93		8/23/2019	8	1" and smaller	109	3/4" Steel	15	2,796.52
Road Project	2917316	2907282	93		8/23/2019	8	1" and smaller	109	3/4" Steel	85	2,844.10
Road Project	2926235	2907282	93		8/23/2019	8	1" and smaller	70	3/4" Steel	15	2,238.82
Road Project	2925134	2907282	93		8/23/2019	8	1" and smaller	70	3/4" Steel	130	2,249.78
Road Project	2950383	2693363	98		8/27/2019	8	1" and smaller	90	1" Steel	105	2,753.61
Road Project	2950380	2693363	98		8/27/2019	8	1" and smaller	88	1" Steel	12	2,899.14
Road Project	2944889	2866336	89		9/3/2019	9	1" and smaller	178	1/2" Plastic	49	3,757.32
Road Project	2889176	2866336	89		9/4/2019	9	1" and smaller	450	1" Plastic	8	6,539.29
Road Project	2889178	2866336	89		9/4/2019	9	1" and smaller	258	1" Plastic	8	6,803.04
Road Project	2951985	2866336	89		9/4/2019	9	1" and smaller	176	1/2" Plastic	48	3,845.86
Road Project	2926490	2907282	93		9/4/2019	9	1" and smaller	87	1/2" Plastic	108	2,507.22
Road Project	2915366	2907282	93		9/4/2019	9	1" and smaller	123	1/2" Plastic	80	2,916.20
Road Project	2915364	2907282	93		9/4/2019	9	1" and smaller	10	1/2" Plastic	14	1,148.56
Road Project	2888717	2693363	89		9/5/2019	9	1" and smaller	514	1/2" Plastic	79	7,147.18
Road Project	2901766	2866336	89		9/5/2019	9	1" and smaller	93	1" Plastic	4	2,105.34
Road Project	2926491	2907282	93		9/6/2019	9	1" and smaller	8	3/4" Steel	103	1,195.03
Road Project	2907694	2866336	89		9/6/2019	9	1" and smaller	109	1/2" Plastic	159	2,706.01
Road Project	2889175	2866336	89		9/6/2019	9	1" and smaller	271	1" Plastic	38	4,618.25
Road Project	2926492	2907282	93		9/6/2019	9	1" and smaller	82	1/2" Plastic	103	2,392.84
Road Project	2917311	2907282	93		9/6/2019	9	1" and smaller	113	3/4" Steel	86	2,887.63
Road Project	2917310	2907282	93		9/6/2019	9	1" and smaller	12	3/4" Steel	12	1,288.19
Road Project	2917312	2907282	93		9/9/2019	9	1" and smaller	117	3/4" Steel	85	2,960.28
Road Project	2917314	2907282	93		9/9/2019	9	1" and smaller	10	1/2" Plastic	70	991.70
Road Project	2926494	2907282	93		9/9/2019	9	1" and smaller	84	1/2" Plastic	103	2,728.02
Road Project	2926493	2907282	93		9/9/2019	9	1" and smaller	103	1" Plastic	1,084	49
Road Project	2917313	2907282	93		9/9/2019	9	1" and smaller	103	1/2" Plastic	75	3,031.93
Road Project	2926495	2907282	93		9/9/2019	9	1" and smaller	76	3/4" Steel	103	2,420.71
Road Project	2888713	2866336	89		9/9/2019	9	1" and smaller	251	1/2" Plastic	84	5,090.86
Road Project	2901767	2866336	89		9/9/2019	9	1" and smaller	368	1/2" Copper	1	5,700.16
Road Project	2926236	2907282	93		9/9/2019	9	1" and smaller	8	1/2" Plastic	108	1,293.68
Road Project	2907749	2866336	89		9/9/2019	9	1" and smaller	139	1" Plastic	10	2,463.66
Road Project	2880170	2693363	94		9/18/2019	9	1" and smaller	171	3/4" Steel	17	5,081.00
Road Project	2877260	2865956	94		9/18/2019	9	1" and smaller	51	3/4" Steel	61	2,439.87
Road Project	2914933	2906367	98		9/19/2019	9	1" and smaller	111	1/2" Plastic	143	2,745.48
Road Project	2916706	2906367	98		9/19/2019	9	1" and smaller	117	1/2" Plastic	123	2,607.10
Road Project	2916704	2906367	98		9/19/2019	9	1" and smaller	41	1/2" Plastic	37	1,578.54
Road Project	2916703	2906367	98		9/20/2019	9	1" and smaller	-	1" Plastic	4	1,065.69
Road Project	2951737	2948401	95		9/21/2019	9	1" and smaller	85	3/4" Steel	95	4,069.44
Road Project	2951734	2948401	95		9/23/2019	9	1" and smaller	95	1/2" Plastic	105	2,604.31
Road Project	2951735	2948401	95		9/23/2019	9	1" and smaller	110	1/2" Plastic	95	2,844.65
Road Project	2951736	2948401	95		9/23/2019	9	1" and smaller	100	1/2" Plastic	110	2,682.46
Road Project	2959894	2919228	98		9/25/2019	9	1" and smaller	81	1" Steel	81	2,996.85
Road Project	2956187	2950597	95		9/30/2019	9	1" and smaller	22	3/4" Steel	30	1,325.60
Road Project	2956124	2950597	95		9/30/2019	9	1" and smaller	27	3/4" Steel	35	1,097.30
Road Project	2956102	2950597	95		9/30/2019	9	1" and smaller	22	3/4" Steel	25	1,307.06
Road Project	2922597	2906367	98		9/30/2019	9	1" and smaller	482	1" Plastic	455	8,034.65
Road Project	2956189	2693363	95		10/2/2019	10	1" and smaller	80	3/4" Steel	80	2,465.79
Road Project	2956126	2950597	95		10/2/2019	10	1" and smaller	50	3/4" Steel	52	2,296.84
Road Project	2956188	2950597	95		10/2/2019	10	1" and smaller	80	3/4" Steel	78	2,143.29
Road Project	2956125	2950597	95		10/2/2019	10	1" and smaller	30	3/4" Steel	35	1,117.06
Road Project	2868465	2856743	94		10/9/2019	10	1" and smaller	134	1/2" Plastic	155	4,030.64
Road Project	2868463	2856743	94		10/9/2019	10	1" and smaller	213	1/2" Plastic	155	2,526.36
Road Project	2963899	2937180	97		10/10/2019	10	1" and smaller	97	1/2" Plastic	110	2,702.03
Road Project	2961804	2953515	97		10/10/2019	10	1" and smaller	77	3/4" Steel	77	2,176.92
Road Project	2961541	2953515	97		10/10/2019	10	1" and smaller	53	1/2" Plastic	53	2,531.75
Road Project	2961779	2693363	97		10/10/2019	10	1" and smaller	71	1/2" Plastic	97	2,658.00
Road Project	2961781	2953515	97		10/10/2019	10	1" and smaller	-	1/2" Plastic	103	1,527.55
Road Project	2877257	2865956	94		10/16/2019	10	1" and smaller	160	3/4" Steel	35	3,944.40
Road Project	2877253	2865956	94		10/16/2019	10	1" and smaller	380	1" Plastic	136	6,106.90
Road Project	2981178	2858854	93		10/24/2019	10	1" and smaller	90	1" Plastic	270	2,425.42
Road Project	2986200	2867270	93		10/25/2019	10	-	1/2" Plastic	30	5	1,594.79
Road Project	2987447	2900909	89		10/30/2019	10	1" and smaller	12	1" Plastic	1	653.71
Road Project	2963898	2937180	95		11/11/2019	11	1" and smaller	77	1/2" Plastic	90	1,413.92
Road Project	2964797	2937180	95		11/11/2019	11	1" and smaller	104	1/2" Plastic	159	2,480.72
Road Project	2963941	2937180	95		11/12/2019	11	1" and smaller	94	1/2" Plastic	79	3,172.89
Road Project	2963346	2937180	95		11/12/2019	11	1" and smaller	28	1/2" Plastic	57	1,996.49
Road Project	2963337	2937180	95		11/12/2019	11	1" and smaller	101	1/2" Plastic	107	2,954.12
Road Project	2963472	2937180	95		11/13/2019	11	1" and smaller	40	1/2" Plastic	60	1,268.49
Road Project	2963345	2937180	95		11/13/2019	11	1" and smaller	65	1/2" Plastic	80	2,114.40
Road Project	2963348	2937180	95		11/13/2019	11	1" and smaller	1	1" over	48	1,051.17
Road Project	2963460	2937180	95		11/14/2019	11	1" and smaller	193	1/2" Plastic	203	1,992.79
Road Project	2963347	2937180	95		11/15/2019	11	1" and smaller	42	1/2" Plastic	42	1,810.43
Road Project	2762052	2693363	93		11/18/2019	11	2" plastic	238	None	238	5,879.84
Road Project	2951738	2948401	95		9/21/2019	9	1" and smaller	60	1/2" Plastic	80	2,146.59
Road Project	2951453	2948401	95		9/21/2019	9	1" and smaller	70	1/4" Steel	90	3,232.77
Road Project	2942855	2940404	95		12/24/2019	12	1/2" Plastic	125	1/2" Plastic	80	3,269.32
Road Project	2942887	2940404	95		9/24/2019	9	1" and smaller	81	1/2" Plastic	39	2,660.77
Total								55,663			\$ 1,500,033.82
									Service Internal Labor Cost		\$ 167,990.56
											\$ 1,668,024.38

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Project Type	WBS Element	WR #	Project Name	Address	City	Description	Governmental Entity	Const Complete Date
AA	NA	2693360	GUIC - DIMP SVC REPL - OBSOLETE MATERIALS - AA	ASSORTED	ASSORTED	See service line tab for details	PHMSA (DIMP)	VARIOUS
AA	Q-4605-000647	2746693	FM-GUIC AA REPLACE BROADWAY AVE (ALDEN)	BROADWAY AVENUE	ALDEN	Replace 60s vintage AA with ~'630' 2PE	PHMSA (DIMP)	5/8/2019
AA	Q-4605-000794	2775040	FM-GUIC AA REPLACEMENT (ALDEN)	MORIN ST & SCOTTE LN	ALDEN	Replace 70s vintage AA with ~'720' 2PE	PHMSA (DIMP)	4/29/2019
AA	Q-4605-000795	2775065	FM-GUIC AA REPLACEMENT (ELLEDALE)	6th St N, 5th St N, 8th Ave E	ELLEDALE	Replace 60s & 70s vintage AA with ~'1,810' 2PE	PHMSA (DIMP)	6/25/2019
AA	Q-4605-000796	2776416	FM-GUIC AA REPLACEMENT (WELLS)	VARIOUS	WELLS	Replace 60s vintage AA with ~'1,250' 2PE	PHMSA (DIMP)	6/7/2019
AA	Q-4605-000797	2775075	FM-GUIC AA REPLACEMENT (EMMONS)	OAK ST	EMMONS	Replace 60s vintage AA with ~'470' 2PE	PHMSA (DIMP)	4/22/2019
AA	Q-4605-000799	2847849	RO-GUIC AA REPLACEMENT-9TH ST NW	9TH ST NW & W CIRCLE DR	ROCHESTER	Replace 80s vintage AA with ~'4,600' 2PE/4PE	PHMSA (DIMP)	7/24/2019
AA	Q-4605-000800	2847679	RO-GUIC AA REPLACEMENT-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
AA	Q-4605-000801	2847503	RO-GUIC AA REPLACEMENT-2ND AVE & 2ND ST	2ND AVE & 2ND ST NW	DODGE CENTER	Replace 80s vintage AA with ~'370' 2PE	PHMSA (DIMP)	5/16/2019
AA	Q-4605-000803	2846177	RO-GUIC AA REPLACEMENT-DRS 11 OUTLET	CIVIC CENTER DR NW	ROCHESTER	Replace 80s vintage AA with ~'700' 4PE	PHMSA (DIMP)	11/26/2019
AA	Q-4605-000804	2846033	RO-GUIC AA REPLACEMENT-WOODLAKE DR SE	WOODLAKE DR SE	ROCHESTER	Replace 80s vintage AA with ~'2,800' 2PE	PHMSA (DIMP)	5/6/2019
AA	Q-4605-000805	2845753	RO-GUIC AA REPLACEMENT-9 1/2 ST SE	9 1/2 ST SE	ROCHESTER	Replace 80s vintage AA with ~'2,300' 2PE/4PE/6PE	PHMSA (DIMP)	9/9/2019
AA	Q-4605-000806	2845617	RO-GUIC AA REPLACEMENT-5TH ST & 12TH AVE	5TH ST & 12TH AVE NW	KASSON	Replace 70s vintage AA with ~'3650' 2PE	PHMSA (DIMP)	7/8/2019
AA	Q-4605-000807	2845248	RO-GUIC AA REPLACEMENT-1ST AVE NE BYRON	1ST AVE & ROLLING HEIGHTS CT	BYRON	Replace 80s vintage AA with ~'7,200' 2PE	PHMSA (DIMP)	5/29/2019
AA	Q-4605-000808	2845123	RO-GUIC AA REPLACEMENT-MEADOWLARK CT	MEADOWLARK CT	BYRON	Replace 60s/70s/80s vintage AA with ~'2,900' 2PE	PHMSA (DIMP)	8/12/2019
AA	Q-4605-000809	2844877	RO-GUIC AA REPLACEMENT-CLIFF ST	CLIFF ST	CHATFIELD	Replace 70s vintage AA with ~'650' 2PE	PHMSA (DIMP)	5/24/2019
AA	Q-4605-000810	2844834	RO-GUIC AA REPLACEMENT-CLIFF CIRCLE	CLIFF CIRCLE	CHATFIELD	Replace 70s vintage AA with ~'460' 2PE	PHMSA (DIMP)	4/29/2019
AA	Q-4605-000811	2844752	RO-GUIC AA REPLACEMENT-BENNETT ST	BENNETT ST	CHATFIELD	Replace 70s vintage AA with ~'680' 2PE	PHMSA (DIMP)	9/16/2019
AA	Q-4605-000812	2844610	RO-GUIC AA REPLACEMENT-WHALEN VALLEY RD	WHALEN VALLEY RD	CHATFIELD	Replace 70s vintage AA with ~'1580' 2PE	PHMSA (DIMP)	5/14/2019
AA	Q-4605-000813	2844598	RO-GUIC AA REPLACEMENT-BURR OAK ST NORTH	BURR OAK ST	CHATFIELD	Replace 70s vintage AA with ~'6250' 2PE/4PE	PHMSA (DIMP)	10/28/2019
AA	Q-4605-000814	2859356	RM-GUIC AA REPLACEMENT (LAKEVILLE)	210TH ST W	LAKEVILLE	Replace 80s vintage AA with ~'25' PE and 2" valve	PHMSA (DIMP)	7/1/2019
AA	Q-4605-000815	2844627	RO-GUIC AA REPLACEMENT-SPRING VALLEY VAR	VARIOUS	SPRING VALLEY	Replace 70s/80s vintage AA with ~'2,680' 2PE	PHMSA (DIMP)	11/11/2019
AA	Q-4605-000817	2859855	RO-GUIC AA REPLACEMENT-60TH AVE NW	60TH AVE NW	ROCHESTER	Replace 70s vintage AA with ~'6,090' 6PE	PHMSA (DIMP)	12/20/2019
AA	Q-4605-000818	2845757	RO-GUIC AA REPLACEMENT-ST. MARY'S HILLS	ST. MARY HILLS	ROCHESTER	Replace 60s/70s vintage AA with ~'12,260' 2PE.	PHMSA (DIMP)	9/30/2019
AA	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
AA	Q-4605-000865	2881359	FM-GUIC - AA REPLACEMENT (LAKEFIELD)	PLEASANT STREET/3RD AVENUE NORTH	LAKEFIELD	Replace 70s vintage AA with ~'180' 2PE	PHMSA (DIMP)	8/13/2019
AA	Q-4605-000902	2893330	FM-GUIC-AA RETIREMENT 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
AA	Q-4605-000950	2906370	PC-GUIC 2019 AA REPLACEMENT PROJECT	7TH AVE NE	PINE CITY	Replace 70s vintage AA with ~'1,030' 2PE	PHMSA (DIMP)	9/16/2019
AA	Q-4605-001073	2851183	PC-GUIC AA REPL 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
AA	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
AA	Q-4605-001130	2968818	WA-GUIC AA HEWITT PHASE 1	VARIOUS	HEWITT	Replace 70s vintage AA with ~'2,500' 2PE	PHMSA (DIMP)	12/5/2019
AA	Q-4605-001131	2969082	BM-GUIC LAKEVIEW DR SW	LAKEVIEW DR SW	BEMIDJI	Replace 80s vintage AA with ~'2,150' 2PE	PHMSA (DIMP)	11/22/2019
Bare Steel	Q-4605-000993	2922096	FM-MERC BARE STEEL OAK RIDGE (FAIRMONT)	OAK RIDGE RD	FAIRMONT	Replace ~'545' 2" bare steel with PE.	PHMSA (DIMP)	8/12/2019
Bare Steel	Q-4605-001015	2931274	RO-GUIC BARE STEEL 10TH ST (ROCHESTER)	10TH STREET SW	ROCHESTER	Leak Repair replace ~'10' bare steel main.	PHMSA (DIMP)	7/22/2019
X-trube	NA	2693360	GUIC - DIMP SVC REPL - OBSOLETE MATERIALS - X-TRUBE	ASSORTED	ASSORTED	See service line tab for details	PHMSA (DIMP)	VARIOUS
X-trube	Q-4605-000842	2868816	RO-GUIC - XTRUBE (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
X-trube	Q-4605-000852	2872976	RO-GUIC - XTRUBE 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
X-trube	Q-4605-000882	2889803	BM-MAIN REPAIR 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
X-trube	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
X-trube	Q-4605-000949	2904246	WA-GUIC X TRUBE REPL TRF	240 PINE AVE N	THIEF RIVER FALLS	Main extension to replace X-trube service.	PHMSA (DIMP)	6/24/2019
X-trube	Q-4605-001061	2939592	RO-GUIC ROBERT 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
X-trube	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
X-trube	Q-4605-001106	2956841	RO-GUIC LARRY TON- S MAIN AVE (HARMONY)	355 S MAIN AVE	HARMONY	Main extension to remove X-trube cross service	PHMSA (DIMP)	9/10/2019
	Total							

PUBLIC DOCUMENT - PRIVATE DATA ON INDIVIDUALS HAS BEEN EXCISED

Project 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
AA	NA	2693360	GUIC - DIMP SVC REPL - OBSOLETE MATERIALS - AA	-	\$ -	\$ -	\$ -	\$ -	5	425	\$ 12,961.65	\$ 12,961.65	
AA	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	
AA	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	
AA	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	
AA	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	
AA	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	
AA	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	
AA	Q-4605-000800	2847679	RO-GUIC AA REPLACEMENT-MCNEILUS 1ST SUB	3,886	\$ 87,188.99	\$ 1,676.29	\$ -	\$ 88,865.28	19	1,494	\$ 40,526.81	\$ 129,392.09	
AA	Q-4605-000801	2847503	RO-GUIC AA REPLACEMENT-2ND AVE & 2ND ST	401	\$ 10,489.31	\$ 7.34	\$ -	\$ 10,496.65	1	132	\$ 2,900.24	\$ 13,396.89	
AA	Q-4605-000803	2846177	RO-GUIC AA REPLACEMENT-DRS 11 OUTLET	-	\$ 36,383.94	\$ 8,891.09	\$ -	\$ 45,275.03	2	103	\$ 4,624.28	\$ 49,899.31	
AA	Q-4605-000804	2846033	RO-GUIC AA REPLACEMENT-WOODLAKE DR SE	2,788	\$ 60,480.06	\$ 52.90	\$ -	\$ 60,532.96	4	324	\$ 7,578.55	\$ 68,111.51	
AA	Q-4605-000805	2845753	RO-GUIC AA REPLACEMENT-9 1/2 ST SE	2,393	\$ 100,298.95	\$ 13,177.47	\$ -	\$ 113,476.42	27	1,178	\$ 53,427.91	\$ 166,904.33	
AA	Q-4605-000806	2845617	RO-GUIC AA REPLACEMENT-STH ST & 12TH AVE	4,181	\$ 103,452.43	\$ 17,742.86	\$ -	\$ 121,195.29	59	3,741	\$ 108,028.48	\$ 229,223.77	
AA	Q-4605-000807	2845248	RO-GUIC AA REPLACEMENT-1ST AVE NE BYRON	6,706	\$ 158,692.44	\$ 139.75	\$ -	\$ 158,832.19	54	2,214	\$ 97,113.51	\$ 255,945.70	
AA	Q-4605-000808	2845123	RO-GUIC AA REPLACEMENT-MEADOWLARK CT	2,939	\$ 65,501.06	\$ 1,457.26	\$ -	\$ 66,958.32	19	705	\$ 34,978.57	\$ 101,936.89	
AA	Q-4605-000809	2844877	RO-GUIC AA REPLACEMENT-CLIFF ST	504	\$ 19,316.75	\$ 17,315.17	\$ -	\$ 36,631.92	7	528	\$ 16,711.79	\$ 53,343.71	
AA	Q-4605-000810	2844834	RO-GUIC AA REPLACEMENT-CLIFF CIRCLE	504	\$ 23,511.14	\$ 16.46	\$ -	\$ 23,527.60	8	578	\$ 16,130.10	\$ 39,657.70	
AA	Q-4605-000811	2844752	RO-GUIC AA REPLACEMENT-BENNETT ST	-	\$ 15,577.96	\$ 360.77	\$ -	\$ 15,938.73	8	691	\$ 19,688.79	\$ 35,627.52	
AA	Q-4605-000812	2844610	RO-GUIC AA REPLACEMENT-WHALEN VALLEY RD	1,593	\$ 47,372.19	\$ 1,163.49	\$ -	\$ 48,535.68	13	995	\$ 25,948.01	\$ 74,483.69	
AA	Q-4605-000813	2844598	RO-GUIC AA REPLACEMENT-BURR OAK ST NORTH	6,224	\$ 245,536.83	\$ 6,352.76	\$ (125.00)	\$ 251,764.59	78	5,783	\$ 200,541.54	\$ 452,306.13	
AA	Q-4605-000814	2859356	RM-GUIC AA REPLACEMENT (LAKEVILLE)	4	\$ 5,394.66	\$ 3.78	\$ 225.00	\$ 5,623.44	0	-	\$ -	\$ 5,623.44	
AA	Q-4605-000815	2844627	RO-GUIC AA REPLACEMENT-SPRING VALLEY VAR	3,690	\$ 80,085.72	\$ 7,191.37	\$ -	\$ 87,277.09	27	2,218	\$ 53,929.87	\$ 141,206.96	
AA	Q-4605-000817	2859855	RO-GUIC AA REPLACEMENT-60TH AVE NW	6,170	\$ 341,120.62	\$ 39,105.69	\$ -	\$ 380,226.31	0	-	\$ -	\$ 380,226.31	
AA	Q-4605-000818	2845757	RO-GUIC AA REPLACEMENT-ST. MARY'S HILLS	11,257	\$ 295,162.47	\$ 22,800.77	\$ -	\$ 317,963.24	46	6,654	\$ 151,553.49	\$ 469,516.73	
AA	Q-4605-000841	2877997	PC-GUIC-RUSH CITY AA REPLACE 4 IN	8,597	\$ 441,372.76	\$ 1,748.19	\$ -	\$ 443,120.95	16	1,573	\$ 42,624.91	\$ 485,745.86	
AA	Q-4605-000865	2881359	FM-GUIC - AA REPLACEMENT (LAKEFIELD)	275	\$ 6,737.83	\$ 4.92	\$ 240.09	\$ 6,982.84	0	-	\$ -	\$ 6,982.84	
AA	Q-4605-000902	2893330	FM-GUIC-AA RETIREMENT BROADWAY (ALDEN)	-	\$ 168.12	\$ 0.12	\$ 240.09	\$ 408.33	0	-	\$ -	\$ 408.33	Retirement only
AA	Q-4605-000950	2906370	PC-GUIC 2019 AA REPLACEMENT PROJECT	1,000	\$ 22,453.97	\$ 2,775.59	\$ 270.19	\$ 25,499.75	6	517	\$ 13,840.45	\$ 39,340.20	
AA	Q-4605-001073	2851183	PC-GUIC AA REPL PROJECT 2019 MORA	2,678	\$ 70,253.20	\$ 1,092.60	\$ 316.22	\$ 71,662.02	25	2,230	\$ 60,718.58	\$ 132,380.60	
AA	Q-4605-001107	2801469	PC-GUIC RUSH CITY AA MAIN REPL 2 IN SECT	2,315	\$ 54,804.02	\$ 128.94	\$ -	\$ 54,932.96	12	607	\$ 21,598.70	\$ 76,531.66	
AA	Q-4605-001130	2968818	WA-GUIC AA HEWITT PHASE 1	2,468	\$ 58,719.22	\$ 9,888.68	\$ -	\$ 68,607.90	26	2,140	\$ 56,994.74	\$ 125,602.64	
AA	Q-4605-001131	2969082	BM-GUIC LAKEVIEW DR SW	2,091	\$ 41,082.96	\$ 6,830.32	\$ 316.22	\$ 48,229.50	0	-	\$ -	\$ 48,229.50	
Bare Steel	Q-4605-000993	2922096	FM-MERC BARE STEEL OAK RIDGE (FAIRMONT)	516	\$ 10,317.57	\$ (227.38)	\$ 360.41	\$ 10,450.60	0	-	\$ -	\$ 10,450.60	
Bare Steel	Q-4605-001015	2931274	RO-GUIC BARE STEEL10TH ST (ROCHESTER)	4	\$ 5,470.07	\$ 3.83	\$ -	\$ 5,473.90	0	-	\$ -	\$ 5,473.90	
X-trube	NA	2693360	GUIC - DIMP SVC REPL - OBSOLETE MATERIALS - X-TRUBE	-	\$ -	\$ -	\$ -	\$ -	200	14,930	\$ 545,555.62	\$ 545,555.62	
X-trube	Q-4605-000842	2868816	RO-GUIC - XTRUBE (SPRING GROVE)	2,148	\$ 47,643.74	\$ 7,607.72	\$ -	\$ 55,251.46	24	1,321	\$ 52,876.10	\$ 108,127.56	
X-trube	Q-4605-000852	2872976	RO-GUIC - XTRUBE HWY 44 (SPRING GROVE)	-	\$ 490.34	\$ 0.34	\$ -	\$ 490.68	0	-	\$ -	\$ 490.68	Retirement only
X-trube	Q-4605-000882	2889803	BM-MAIN REPAIR SERVICE TEE FOR X-TRUBE SERVICE REPL	2	\$ 2,116.05	\$ (34.73)	\$ -	\$ 2,081.32	0	-	\$ -	\$ 2,081.32	
X-trube	Q-4605-000948	2904175	WA-GUIC MAIN REPLACE MAIN N CONLEY THIEF	272	\$ 10,043.94	\$ 372.72	\$ 408.17	\$ 10,824.83	3	217	\$ 6,381.81	\$ 17,206.64	
X-trube	Q-4605-000949	2904246	WA-GUIC X TRUBE REPL TRF	52	\$ 2,904.27	\$ 2.03	\$ -	\$ 2,906.30	0	-	\$ -	\$ 2,906.30	
X-trube	Q-4605-001061	2939592	RO-GUIC ROBERT SAUER- 3RD AVE (HARMONY)	370	\$ 7,075.72	\$ 58.33	\$ -	\$ 7,134.05	0	-	\$ -	\$ 7,134.05	
X-trube	Q-4605-001062	2940147	RO-GUIC ALLEN DAHL/ 2ND ST SE (HARMONY)	131	\$ 3,066.68	\$ 45.80	\$ -	\$ 3,112.48	0	-	\$ -	\$ 3,112.48	
X-trube	Q-4605-001106	2956841	RO-GUIC LARRY TON- S MAIN AVE (HARMONY)	116	\$ 5,899.46	\$ 427.63	\$ -	\$ 6,327.09	1	110	\$ 1,534.14	\$ 7,861.23	
Total				86,918	\$ 2,762,398.51	\$ 209,364.26	\$ 3,451.84	\$ 2,975,214.61	730	54,353	\$ 1,726,180.88	\$ 4,701,395.49	
Service Internal Labor Cost											\$ 178,138.48		
											54,353	\$ 1,904,319.36	\$ 4,879,533.97

EXHIBIT J – DETAILED DATA

			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	
AA	Q-4605-000647	2746693	FM-GUIC AA REPLACE-BROADWAY AVE (ALDEN)		740	0	0	0	0	0	0	0	0	740	
AA	Q-4605-000794	2775040	FM-GUIC AA REPLACEMENT (ALDEN)		790	0	0	0	0	0	2	0	0	792	
AA	Q-4605-000795	2775065	FM-GUIC AA REPLACEMENT (ELLEDALE)		1,999	0	0	0	0	0	0	0	0	1,999	
AA	Q-4605-000796	2776416	FM-GUIC AA REPLACEMENT (WELLS)		937	550	0	0	0	0	0	0	0	1,487	
AA	Q-4605-000797	2775075	FM-GUIC AA REPLACEMENT (EMMONS)		460	0	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	0	0	0	0	0	0	0	5,163	
AA	Q-4605-000800	2847679	RO-GUIC AA REPLACEMENT-MCNEILUS 1ST SUB	0	2,345	1,541	0	0	0	0	0	0	0	3,886	
AA	Q-4605-000801	2847503	RO-GUIC AA REPLACEMENT-2ND AVE & 2ND ST	3	398	0	0	0	0	0	0	0	0	401	
AA	Q-4605-000803	2846177	RO-GUIC AA REPLACEMENT-DRS 11 OUTLET	0	0	0	0	0	0	0	0	0	0	0	
AA	Q-4605-000804	2846033	RO-GUIC AA REPLACEMENT-WOODLAKE DR SE	0	2,788	0	0	0	0	0	0	0	0	2,788	
AA	Q-4605-000805	2845753	RO-GUIC AA REPLACEMENT-9 1/2 ST SE	0	1,220	1,157	16	0	0	0	0	0	0	2,393	
AA	Q-4605-000806	2845617	RO-GUIC AA REPLACEMENT-5TH ST & 12TH AVE	2	4,176	3	0	0	0	0	0	0	0	4,181	
AA	Q-4605-000807	2845248	RO-GUIC AA REPLACEMENT-1ST AVE NE BYRON	1	6,705	0	0	0	0	0	0	0	0	6,706	
AA	Q-4605-000808	2845123	RO-GUIC AA REPLACEMENT-MEADOWLARK CT	0	2,937	0	0	0	2	0	0	0	0	2,939	
AA	Q-4605-000809	2844877	RO-GUIC AA REPLACEMENT-CLIFF ST	0	504	0	0	0	0	0	0	0	0	504	
AA	Q-4605-000810	2844834	RO-GUIC AA REPLACEMENT-CLIFF CIRCLE	2	502	0	0	0	0	0	0	0	0	504	
AA	Q-4605-000811	2844752	RO-GUIC AA REPLACEMENT-BENNETT ST	0	0	0	0	0	0	0	0	0	0	0	
AA	Q-4605-000812	2844610	RO-GUIC AA REPLACEMENT-WHALEN VALLEY RD	2	1,591	0	0	0	0	0	0	0	0	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	0	6,224	
AA	Q-4605-000814	2859356	RM-GUIC AA REPLACEMENT (LAKEVILLE)	0	4	0	0	0	0	0	0	0	0	4	
AA	Q-4605-000818	2845757	RO-GUIC AA REPLACEMENT-ST. MARY'S HILLS	0	5,780	5,477	0	0	0	0	0	0	0	11,257	
AA	Q-4605-000841	2877997	PC-GUIC-RUSH CITY AA REPLACE 4 IN	2	222	8,373	0	0	0	0	0	0	0	8,597	
AA	Q-4605-000865	2881359	FM-GUIC - AA REPLACEMENT (LAKEFIELD)	1	274	0	0	0	0	0	0	0	0	275	
AA	Q-4605-000902	2893330	FM-GUIC-AA RETIREMENT BROADWAY (ALDEN)	0	0	0	0	0	0	0	0	0	0	0	
AA	Q-4605-000950	2906370	PC-GUIC 2019 AA REPLACEMENT PROJECT	0	1,000	0	0	0	0	0	0	0	0	1,000	
AA	Q-4605-001073	2851183	PC-GUIC AA REPL PROJECT 2019 MORA	0	2,678	0	0	0	0	0	0	0	0	2,678	
AA	Q-4605-001107	2801469	PC-GUIC RUSH CITY AA MAIN REPL 2 IN SECT	0	2,315	0	0	0	0	0	0	0	0	2,315	
AA	Q-4605-001130	2968818	WA-GUIC AA HEWITT PHASE 1	0	2,468	0	0	0	0	0	0	0	0	2,468	
AA	Q-4605-001131	2969082	BM-GUIC LAKEVIEW DR SW	0	2,091	0	0	0	0	0	0	0	0	2,091	
AA	Q-4605-000815	2844627	RO-GUIC AA REPLACEMENT-SPRING VALLEY VAR	5	3,685	0	0	0	0	0	0	0	0	3,690	
AA	Q-4605-000817	2859855	RO-GUIC AA REPLACEMENT-60TH AVE NW	2	33	100	6,035	0	0	0	0	0	0	6,170	
Bare Steel	Q-4605-000993	2922096	FM-MERC BARE STEEL OAK RIDGE (FAIRMONT)	0	516	0	0	0	0	0	0	0	0	516	
Bare Steel	Q-4605-001015	2931274	RO-GUIC BARE STEEL10TH ST (ROCHESTER)	0	0	0	0	0	0	0	0	0	4	4	
X-trube	Q-4605-000842	2868816	RO-GUIC - XTRUBE (SPRING GROVE)	0	2,148	0	0	0	0	0	0	0	0	2,148	
X-trube	Q-4605-000852	2872976	RO-GUIC - XTRUBE HWY 44 (SPRING GROVE)	0	0	0	0	0	0	0	0	0	0	0	
X-trube	Q-4605-000882	2889803	BM-MAIN REPAIR SERVICE TEE FOR X-TRUBE SERVICE REPL	0	0	0	0	0	0	2	0	0	0	2	
X-trube	Q-4605-000948	2904175	WA-GUIC MAIN REPLACE MAIN N CONLEY THIEF	0	272	0	0	0	0	0	0	0	0	272	
X-trube	Q-4605-000949	2904246	WA-GUIC X TRUBE REPL TRF	0	52	0	0	0	0	0	0	0	0	52	
X-trube	Q-4605-001061	2939592	RO-GUIC ROBERT SAUER- 3RD AVE (HARMONY)	0	370	0	0	0	0	0	0	0	0	370	
X-trube	Q-4605-001062	2940147	RO-GUIC ALLEN DAHL/ 2ND ST SE (HARMONY)	0	131	0	0	0	0	0	0	0	0	131	
X-trube	Q-4605-001106	2956841	RO-GUIC LARRY TON- S MAIN AVE (HARMONY)	0	116	0	0	0	0	0	0	0	0	116	
Total				27	58,498	22,330	6,051	0	2	2	4	0	4	86,918	

Project Type	WBS Element	WR #	Project Name	Retirements																Total Footage Retired	Note
				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		
AA	Q-4605-000647	2746693	FM-GUIC AA REPLACE-BROADWAY AVE (ALDEN)	0	0	0	-205	0	0	0	0	0	0	0	-331	0	0	0	0	-536	
AA	Q-4605-000794	2775040	FM-GUIC AA REPLACEMENT (ALDEN)	0	0	0	-764	0	0	0	0	0	0	0	0	0	0	0	0	-764	
AA	Q-4605-000795	2775065	FM-GUIC AA REPLACEMENT (ELLEDALE)	0	0	0	-1,875	0	0	0	0	0	0	0	-23	0	0	0	0	-1,898	
AA	Q-4605-000796	2776416	FM-GUIC AA REPLACEMENT (WELLS)	0	0	0	-1,019	-246	0	0	0	0	0	0	0	0	0	0	0	-1,265	
AA	Q-4605-000797	2775075	FM-GUIC AA REPLACEMENT (EMMONS)	0	0	0	-474	0	0	0	0	0	0	0	-2	0	0	0	0	-476	
AA	Q-4605-000799	2847849	RO-GUIC AA REPLACEMENT-9TH ST NW	0	0	0	-2,188	0	0	-2,227	0	0	0	0	0	0	0	0	0	-4,415	
AA	Q-4605-000800	2847679	RO-GUIC AA REPLACEMENT-MCNEILLUS 1ST SUB	0	0	0	-3,420	-910	0	0	0	0	0	0	0	0	0	0	0	-4,330	
AA	Q-4605-000801	2847503	RO-GUIC AA REPLACEMENT-2ND AVE & 2ND ST	0	0	0	-217	0	0	0	0	0	0	0	-32	0	0	0	0	-249	
AA	Q-4605-000803	2846177	RO-GUIC AA REPLACEMENT-DRS 11 OUTLET	0	0	0	0	0	-412	-340	0	0	0	0	0	0	0	0	0	-752	
AA	Q-4605-000804	2846033	RO-GUIC AA REPLACEMENT-WOODLAKE DR SE	0	0	0	-2,760	0	0	0	0	0	0	0	0	0	0	0	0	-2,760	
AA	Q-4605-000805	2845753	RO-GUIC AA REPLACEMENT-9 1/2 ST SE	0	0	0	-944	-506	0	-765	-12	0	0	0	0	0	-91	0	0	-2,318	
AA	Q-4605-000806	2845617	RO-GUIC AA REPLACEMENT-5TH ST & 12TH AVE	0	0	0	-3,244	0	0	0	0	0	0	0	-560	0	0	0	0	-3,804	
AA	Q-4605-000807	2845248	RO-GUIC AA REPLACEMENT-1ST AVE NE BYRON	0	0	0	-3,354	-177	0	0	0	0	0	0	-62	-8	0	0	0	-3,601	
AA	Q-4605-000808	2845123	RO-GUIC AA REPLACEMENT-MEADOWLARK CT	0	0	0	-1,333	0	0	0	0	0	0	0	0	0	0	0	0	-1,333	
AA	Q-4605-000809	2844877	RO-GUIC AA REPLACEMENT-CLIFF ST	0	0	0	-290	0	0	0	0	0	0	0	-3	0	0	0	0	-293	
AA	Q-4605-000810	2844834	RO-GUIC AA REPLACEMENT-CLIFF CIRCLE	0	0	0	-427	0	0	0	0	0	0	0	-32	0	0	0	0	-459	
AA	Q-4605-000811	2844752	RO-GUIC AA REPLACEMENT-BENNETT ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AA	Q-4605-000812	2844610	RO-GUIC AA REPLACEMENT-WHALEN VALLEY RD	0	0	0	-1,321	0	0	0	0	0	0	0	0	0	0	0	0	-1,321	
AA	Q-4605-000813	2844598	RO-GUIC AA REPLACEMENT-BURR OAK ST NORTH	-1	-2	0	-6,173	0	0	-1,467	0	0	-517	0	-286	0	-355	0	0	-8,801	
AA	Q-4605-000814	2859356	RM-GUIC AA REPLACEMENT (LAKEVILLE)	0	0	0	-4	0	0	0	0	0	0	0	0	0	0	0	0	-4	
AA	Q-4605-000818	2845757	RO-GUIC AA REPLACEMENT-ST. MARY'S HILLS	0	0	0	-6,186	0	0	0	0	0	0	0	0	0	0	0	0	-6,186	
AA	Q-4605-000841	2877997	PC-GUIC-RUSH CITY AA REPLACE 4 IN	0	0	0	-12	0	0	0	0	0	0	0	0	0	0	0	0	-12	
AA	Q-4605-000865	2881359	FM-GUIC - AA REPLACEMENT (LAKEFIELD)	0	0	0	-281	0	0	0	0	0	0	0	0	0	0	0	0	-281	
AA	Q-4605-000902	2893330	FM-GUIC-AA RETIREMENT BROADWAY (ALDEN)	0	0	0	-443	0	0	0	0	0	0	0	0	0	0	0	0	-443	
AA	Q-4605-000950	2906370	PC-GUIC 2019 AA REPLACEMENT PROJECT	0	0	0	-1,699	0	0	0	0	0	0	0	-807	0	0	0	0	-2,506	
AA	Q-4605-001073	2851183	PC-GUIC AA REPL PROJECT 2019 MORA	0	0	0	-2,612	0	0	0	0	0	0	0	0	0	0	0	0	-2,612	
AA	Q-4605-001107	2801469	PC-GUIC RUSH CITY AA MAIN REPL 2 IN SECT	0	-2	0	-1,378	0	0	0	0	0	0	0	0	0	0	0	0	-1,380	
AA	Q-4605-001130	2968818	WA-GUIC AA HEWITT PHASE 1	0	0	-2,613	-9	0	0	0	0	0	0	0	0	0	0	0	0	-2,622	
AA	Q-4605-001131	2969082	BM-GUIC LAKEVIEW DR SW	0	0	0	-2,084	0	0	0	0	0	0	0	0	0	0	0	0	-2,084	
AA	Q-4605-000815	2844627	RO-GUIC AA REPLACEMENT-SPRING VALLEY VAR	0	-2	0	-2,791	0	0	0	0	0	0	0	-1,241	0	0	0	0	-4,034	
AA	Q-4605-000817	2859855	RO-GUIC AA REPLACEMENT-60TH AVE NW	0	-2	0	-6,725	0	0	-49	-27	0	0	0	0	0	0	0	0	-6,803	
Bare Steel	Q-4605-000993	2922096	FM-MERC BARE STEEL OAK RIDGE (FAIRMONT)	0	0	0	-5	0	0	0	0	0	0	0	0	0	0	0	0	-5	
Bare Steel	Q-4605-001015	2931274	RO-GUIC BARE STEEL10TH ST (ROCHESTER)	0	0	0	0	0	0	0	0	0	0	0	0	0	-4	0	0	-4	
X-trube	Q-4605-000842	2868816	RO-GUIC - XTRUBE (SPRING GROVE)	0	0	0	0	0	0	0	0	0	-919	0	0	0	0	0	0	-919	
X-trube	Q-4605-000852	2872976	RO-GUIC - XTRUBE HWY 44 (SPRING GROVE)	0	0	0	-53	0	0	0	0	0	0	0	-96	0	0	0	0	-149	
X-trube	Q-4605-000882	2889803	BM-MAIN REPAIR SERVICE TEE FOR X-TRUBE SERVICE REPL	0	0	0	0	0	0	0	0	0	-2	0	0	0	0	0	0	-2	
X-trube	Q-4605-000948	2904175	WA-GUIC MAIN REPLACE MAIN N CONLEY THIEF	0	0	0	-26	0	0	0	0	0	-259	0	0	0	0	0	0	-285	
X-trube	Q-4605-000949	2904246	WA-GUIC X TRUBE REPL TRF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
X-trube	Q-4605-001061	2939592	RO-GUIC ROBERT SAUER- 3RD AVE (HARMONY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
X-trube	Q-4605-001062	2940147	RO-GUIC ALLEN DAHL/ 2ND ST SE (HARMONY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
X-trube	Q-4605-001106	2956841	RO-GUIC LARRY TON- S MAIN AVE (HARMONY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total				-1	-8	-2,613	-54,316	-1,839	-412	-4,848	-39	0	-1,697	0	-3,475	-8	-450	0	0	-69,706	

[PRIVATE DATA BEGINS....]

Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Aldy-A	2854545	2775075	94			EMMONS	GUIC AA REPL
Aldy-A	2854547	2775075	94			EMMONS	GUIC AA REPL
Aldy-A	2854548	2775075	94			EMMONS	GUIC AA REPL
Aldy-A	2854546	2775075	94			EMMONS	GUIC AA REPL
Aldy-A	2884021	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2854907	2775040	94			ALDEN	GUIC AA REPL
Aldy-A	2854911	2775040	94			ALDEN	GUIC AA REPL
Aldy-A	2854912	2775040	94			ALDEN	GUIC AA REPL
Aldy-A	2854910	2775040	94			ALDEN	GUIC AA REPL
Aldy-A	2854908	2775040	94			ALDEN	GUIC AA REPL
Aldy-A	2883778	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2883822	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2883864	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2883918	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2883881	2844834	95			CHATFIELD	MM-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2883908	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2883946	2844834	95			CHATFIELD	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2880896	2846033	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 1000 MTR
Aldy-A	2854170	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2854169	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2880563	2846033	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. SHORT SIDE - 425/630 MTR
Aldy-A	2880536	2846033	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. LONG SIDE - 425/630 MTR
Aldy-A	2880861	2846033	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 1000 MTR
Aldy-A	2884106	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2884100	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2884101	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2884102	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2884099	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2887450	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887513	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2887371	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2893013	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2891287	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL
Aldy-A	2893177	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL
Aldy-A	2893172	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL
Aldy-A	2893173	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL
Aldy-A	2893176	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL
Aldy-A	2893168	2746693	94			FM-ALDEN-ALDNCONGR SD-C	GUIC AA REPL
Aldy-A	2887363	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887501	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887449	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887500	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887448	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887447	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887446	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2884103	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2884108	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2884107	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2884105	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2884104	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2887514	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2887425	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887512	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2887304	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887515	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2887516	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2887495	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2854175	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2854180	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2854178	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2854172	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2884083	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2884098	2844610	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA/ SERVICE REPLACEMENT
Aldy-A	2887440	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887727	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887729	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887691	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887694	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887305	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887306	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887307	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887375	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887308	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2886148	2847503	95			RC-DOUGHERTY-TWTON SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2887835	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887839	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887837	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887966	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887952	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887881	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2887877	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887883	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887836	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887838	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2854168	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2854163	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2854164	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2854162	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2854167	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2854165	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Aldy-A	2884119	2844877	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2884483	2844877	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2884425	2844877	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2887959	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887964	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887724	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887682	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887728	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887805	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2887725	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR

...PRIVATE DATA ENDS

[PRIVATE DATA BEGINS....]

Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Altly-A	2884379	2844877	95	[REDACTED]	[REDACTED]	RC-CHATFIELD-CHTFD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2884469	2844877	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2884399	2844877	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2884419	2844877	95			RC-CHATFIELD-CHTFD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2887892	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2887451	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2887895	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2887716	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2887963	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2887726	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2887796	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2887804	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2887896	2845248	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2854166	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Altly-A	2854157	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Altly-A	2854183	2776416	94			FM-WELLS-UNTDSCENTRL SD-C	GUIC AA REPL
Altly-A	2854585	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2854588	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2886499	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886503	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886504	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886489	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2901428	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886495	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886491	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886501	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886498	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2912437	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2896050	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895605	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2896937	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895604	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2886496	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886500	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886492	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886479	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2887057	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE
Altly-A	2887048	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2895313	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2886490	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2887050	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2887014	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2886488	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886494	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2886502	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2854589	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2895607	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2886487	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2887052	2868816	95			RC-SPRINGGROVE-SPRGG SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Altly-A	2854583	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2854594	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2854582	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2854581	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2895610	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895608	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895606	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2894672	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2894676	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2895303	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2897245	2693360	89			THIEF RIVER FALLS	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2854592	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2854595	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2854584	2775065	94			FM-ELLENDAL -NRHEG SD-C	GUIC AA REPL
Altly-A	2895645	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2895609	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895514	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2895341	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2895506	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2894659	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2895275	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2896141	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2894677	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2896347	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2896220	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC / SERVICE REPLACEMENT
Altly-A	2895640	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2894675	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2896144	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2895511	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2895513	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2895346	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2895641	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2895643	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2896295	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2896344	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2896343	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2896351	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895515	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2895372	2845617	95			RC-KASSON-KSNMNRVL SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2895516	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2895348	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895358	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895360	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895361	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895362	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895363	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2895644	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Altly-A	2895614	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2896349	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE REPLACEMENT
Altly-A	2896053	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Altly-A	2896182	2845617	95			RC-KASSON-KSNMNRVL SD-C	GUIC SERVICE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR

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Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Aldy-A	2895642	2845617	95			RC-KASSON-KSNMNTRLV SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2896094	2845617	95			RC-KASSON-KSNMNTRLV SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2896348	2845617	95			RC-KASSON-KSNMNTRLV SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2896346	2845617	95			RC-KASSON-KSNMNTRLV SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2896345	2845617	95			RC-KASSON-KSNMNTRLV SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2896350	2845617	95			RC-KASSON-KSNMNTRLV SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2896061	2845617	95			RC-KASSON-KSNMNTRLV SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2895635	2845617	95			RC-KASSON-KSNMNTRLV SD-C	GUIC SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2896248	2845617	95			RC-KASSON-KSNMNTRLV SD-C	GUIC / SERVICE REPLACEMENT
Aldy-A	2893312	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC/AA SERVICE / SERVICE REPLACEMENT
Aldy-A	2886775	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2879754	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2886773	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2886777	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2893302	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC/AA SERVICE / SERVICE REPLACEMENT
Aldy-A	2886776	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2893292	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC/AA SERVICE / SERVICE REPLACEMENT
Aldy-A	2879755	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2886774	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2879756	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2893313	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC/AA SERVICE / SERVICE REPLACEMENT
Aldy-A	2886769	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2879753	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2886772	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2909632	2693360	95			RC-ROCHESTER-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2897053	2868816	95			RC-SPRINGBORO-SPING SD-C	GUIC MAIN RELOCATE / SERVICE REPLACEMENT
Aldy-A	2891517	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2891519	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2891521	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2899728	2845123	95			RC-BYRON-BYRON SD-C	GUIC / SERVICE REPLACEMENT
Aldy-A	2891515	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2891516	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2893061	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2891518	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2891520	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2891522	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2891524	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2893060	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2893062	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2893063	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2893064	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2893059	2693360	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2893058	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2891523	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2932242	2845123	95			RC-BYRON-BYRON SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2891426	2845123	95			RC-BYRON-BYRON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2880221	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2880212	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE

[PRIVATE DATA BEGINS....]

Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Aldy-A	2893249	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE/ SERVICE REPLACEMENT
Aldy-A	2913469	2845753	95			RC-RICHESTER-RCHSTR SD-C	Replace ~300' 2" AA service with PE
Aldy-A	2926200	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2926201	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2926199	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2926198	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2926197	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2926196	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2926195	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2899271	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2899014	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2940950	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC/ REPLACE SVC. W/ 1"SHORT SIDE - 250 MTR
Aldy-A	2916204	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
Aldy-A	2899269	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2899209	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2900273	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2926191	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
Aldy-A	2926190	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2899268	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2900211	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2900271	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2899274	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2899272	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2899267	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2899270	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2900272	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2899011	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2899015	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2899273	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2900276	2847679	95			RC-DODGECNTR-TRITON SD-C	GUIC SERVICE / SERVICE REPLACEMENT
Aldy-A	2926205	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
Aldy-A	2926188	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2926202	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2884664	2844752	95			RC-CHATFIELD-CHTFLD SD-C	20109 GUIC BENNETT ST/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2884700	2844752	95			RC-CHATFIELD-CHTFLD SD-C	2019 GUIC BENNETT ST/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2884691	2844752	95			RC-CHATFIELD-CHTFLD SD-C	209 GUIC BENNETT ST/ REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2884566	2844752	95			RC-CHATFIELD-CHTFLD SD-C	2019 GUIC BENNETT ST / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2884698	2844752	95			RC-CHATFIELD-CHTFLD SD-C	2019 GUIC BENNETT ST/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2884625	2844752	95			RC-CHATFIELD-CHTFLD SD-C	2019 GUIC BENNETT ST / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2884544	2844752	95			RC-CHATFIELD-CHTFLD SD-C	2049 GUIC BENNETT ST / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2884535	2844752	95			RC-CHATFIELD-CHTFLD SD-C	2019 GUIC BENNETT ST/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2926185	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
Aldy-A	2922645	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
Aldy-A	2922646	2877997	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/PARTIAL SERVICE REPLACEMENT
Aldy-A	2957620	2847679	95			RC-DODGECNTR-TRITON SD-C	Retire ~290' of 2" service, Install ~340' of 1" PE Service
Aldy-A	2883548	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883546	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883539	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883545	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883547	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883549	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883550	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883551	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883541	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883315	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883317	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883313	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883311	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883308	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882759	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882577	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882753	2693360	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882761	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882757	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883120	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882573	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882571	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882560	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882569	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2881598	2844598	95			RC-CHATFIELD-CHTFLD SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2881609	2844598	95			RC-CHATFIELD-CHTFLD SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2940325	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2940327	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2940326	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2940340	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2940332	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2940334	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2940338	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2940333	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2940328	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2882760	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883312	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883314	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883316	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2883538	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882758	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882756	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882752	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882754	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882574	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882570	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882578	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2969176	2844598	95			RC-CHATFIELD-CHTFLD SD-C	MN-TEMP REPLACE SVC W/ 5" LONG SIDE - 250 MTR
Aldy-A	2883309	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2940335	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2940336	2801469	98			RUSH QTY	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2882572	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2882576	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT

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Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Aldy-A	2882568	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC PROJECT / SERVICE REPLACEMENT
Aldy-A	2940329	2803462	98			RUSH CITY	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR GUIC AA REPL/SERVICE REPLACEMENT
Aldy-A	2881389	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2880995	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2881381	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881360	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2881386	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2880939	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2880934	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881002	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2880927	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2880935	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2880942	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2880937	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2880940	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881379	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881344	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2881388	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2977480	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2881293	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2881382	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881400	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2881384	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881297	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2881390	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881387	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881383	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881385	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881380	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881001	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2881361	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2880936	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2880938	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2880941	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2881298	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2881000	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2881435	2844598	95			RC-CHATFIELD-CHTFLD SD-C	GUIC AA SERVICE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2963136	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. SHORT SIDE - 425/630 MTR
Aldy-A	2963238	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT
Aldy-A	2963206	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2962739	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT
Aldy-A	2963363	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT
Aldy-A	2963239	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT
Aldy-A	2962746	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT
Aldy-A	2963170	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2962744	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT
Aldy-A	2962743	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT
Aldy-A	2963211	2693360	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2858852	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858851	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858881	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858871	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2984344	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2858868	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858873	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858889	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858891	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858883	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858888	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858877	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2985548	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2962745	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / SERVICE REPLACEMENT
Aldy-A	2858867	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858848	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858865	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858874	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2983877	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC SERVICE REPLACEMENT
Aldy-A	2858836	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858844	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858843	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858845	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858835	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858837	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858839	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858841	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2858838	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2893274	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / SERVICE REPLACEMENT
Aldy-A	2893303	2845757	95			RC-CASCADE-RCHSTR SD-C	GUIC AA SERVICE / SERVICE REPLACEMENT
Aldy-A	2962043	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2858949	2851183	98			MORA	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR ADLYL-A/SERVICE REPLACEMENT
Aldy-A	2961871	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2962493	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2962492	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2961862	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2962490	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2961870	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2961999	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2962369	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2961868	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2961872	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC AA PROJECT / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2992591	2844627	95			RC-SPRINGVALLY-KNGIND SD-C	GUIC SPRING VALLEY / SERVICE REPLACEMENT
Aldy-A	2971707	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2971704	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2971705	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2971706	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2971708	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2971712	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2971709	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2971746	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2971711	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR

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Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
Aldy-A	2971710	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2971713	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2995188	2968818	89			HEWITT	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2973609	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR
Aldy-A	2971714	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2973608	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2973610	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2994564	2968818	89			HEWITT	MN-TEMP GRU TIE OVER 1" NEW SERVICE
Aldy-A	2973612	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2973613	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2973611	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2995187	2968818	89			HEWITT	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2973617	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2973616	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2996386	2968818	89			HEWITT	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2973614	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2973615	2968818	89			WDN-HEWITT-BERTH HWT SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
Aldy-A	2997120	2846177	95			RC-ROCHESTER-RCHSTR SD-C	GUIC / PARTIAL REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
Aldy-A	2997193	2846177	95			RC-ROCHESTER-RCHSTR SD-C	GUIC / PARTIAL REPLACE SVC. W/ 5" SHORT SIDE - 250 MTR
Aldy-A	2880943	2844598	95			RC-CHATFIELD-CHTFD SD-C	GUIC/ SERVICE REPLACEMENT
Aldy-A	2961946	2844627	95			RC-SPRINGVALE-KGLND SD-C	GUIC AA PROJECT/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2874080	2693360	95			CHATFIELD	GUIC LEAK ON X-TRUBE TEE
X-trube	2671558	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2671554	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672211	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2671547	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2671533	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2871967	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2671550	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2671542	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2671536	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672192	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2875812	2693360	95			PRESTON	GUIC XTRUBE / SERVICE REPLACEMENT
X-trube	2676676	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2672229	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672225	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672203	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672217	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2672174	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672170	2693360	97			BEMIDJ	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2659180	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2659182	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672233	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2659183	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2659184	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2749578	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2522780	2693360	97			BEMIDJ	BE TRUBE / SERVICE REPLACEMENT
X-trube	2672180	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2522788	2693360	97			BEMIDJ	XTRUBE / SERVICE REPLACEMENT
X-trube	2883099	2693360	95			RC-ROCHESTER-RCHSTR SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2655493	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2671456	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672196	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2551744	2693360	97			BEMIDJ	SERVICE REPLACEMENT
X-trube	2672214	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672242	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2672241	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2883757	2693360	95			RC-ROCHESTER-RCHSTR SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2878554	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2672221	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2672257	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2672246	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2889788	2693360	95			RC-CALEDONIA-CALDNIA SD-C	GUIC XTRUBE / SERVICE REPLACEMENT
X-trube	2887067	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2887068	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2654953	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2583329	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2591190	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2654930	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2654926	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2654957	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2654913	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2654924	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2654948	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2654931	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2654916	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2654920	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2654928	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2730043	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2654951	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2655503	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2669208	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2669209	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2669207	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2678830	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2669205	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2887070	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2678828	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2669274	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2887065	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2655495	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2655496	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE / SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2672223	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2874015	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2881318	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2880873	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2887071	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2891493	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2887069	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2671452	2693360	97			BMJ-BEMIDJ-BEMIDI SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR

...PRIVATE DATA ENDS

[PRIVATE DATA BEGINS....]

Type	WR #	Related WR	Op District	ProjectName	Address	City	Description
X-trube	2678847	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2678846	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2678845	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2675977	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2675972	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2678831	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2678848	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2675978	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2669272	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2669271	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR
X-trube	2675975	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2889713	2693360	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2675980	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2669181	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2897244	2693360	89			THIEF RIVER FALLS	XTRUBE REPLACEMENT MN-TEMP REPLACE SVC. LONG SIDE - 425/630 MTR
X-trube	2684724	2693360	89			WDN-THF RV FL-THFRVR SD-C	XTRUBE/SERVICE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2903641	2693360	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2870061	2693360	95			RC-EYOTA-DOVEREYOTA SD-C	GUIC XTRUBE / SERVICE REPLACEMENT
X-trube	2889885	2693360	95			RC-CALEDONIA-CALDNIA SD-C	GUIC XTRUBE / SERVICE REPLACEMENT
X-trube	2889867	2693360	95			RC-CALEDONIA-CALDNIA SD-C	GUIC XTRUBE / SERVICE REPLACEMENT
X-trube	2883160	2693360	95			RC-ROCHESTER-RCHSTR SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2883366	2693360	95			RC-ROCHESTER-RCHSTR SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2910776	2693360	97			BMJ-BEMIDJ-BEMIDJ SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2910794	2693360	97			BMJ-BEMIDJ-BEMIDJ SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2913908	2693360	95			RC-ROCHESTER-RCHSTR SD-C	REPLACEMENT - GUIC XTRUBE
X-trube	2883140	2693360	95			RC-ROCHESTER-RCHSTR SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2924896	2693360	95			RC-MABEL-MBLCANTN SD-C	GUIC UNDERGROUND LEAK XTRUBE
X-trube	2912485	2904175	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2912486	2904175	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2912487	2904175	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2918948	2693360	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2948684	2693360	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2944826	2693360	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2945743	2693360	97			BMJ-BEMIDJ-BEMIDJ SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2872005	2693360	97			BMJ-BEMIDJ-BEMIDJ SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2937115	2693360	97			BMJ-BEMIDJ-BEMIDJ SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947701	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2948034	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2944337	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2945353	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2944343	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2943623	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947702	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2945823	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2946828	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2945689	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2947722	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2945750	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT
X-trube	2945751	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT
X-trube	2948065	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / SERVICE REPLACEMENT
X-trube	2948064	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / SERVICE REPLACEMENT
X-trube	2946687	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947425	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947724	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2945625	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2951385	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2943628	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE/REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947728	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2946875	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2945688	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2945634	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT
X-trube	2946683	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2945822	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2946686	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2944827	2693360	89			WDN-THF RV FL-THFRVR SD-C	GUIC XTRUBE REPLACEMENT MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2947727	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2947703	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2948368	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2965901	2693360	89			WDN-THF RV FL-THFRVR SD-C	MN-TEMP REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2948290	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2945680	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2946574	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE /REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947432	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2945748	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT
X-trube	2945347	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2961287	2693360	97			BMJ-BEMIDJ-BEMIDJ SD-C	MN-TEMP REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2961205	2693360	95			RC-MABEL-MBLCANTN SD-C	GUIC X-Trube Repl
X-trube	2968988	2693360	95			RC-MABEL-MBLCANTN SD-C	GUIC X-Trube Repl
X-trube	2961179	2693360	95			RC-MABEL-MBLCANTN SD-C	GUIC X-Trube Repl
X-trube	2945756	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT
X-trube	2945825	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2945826	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2945754	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT
X-trube	2945752	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT
X-trube	2947398	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2946567	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947392	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947700	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2947723	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2947732	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2947730	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2956827	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT
X-trube	2943611	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE/REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2946607	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947731	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2948326	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	29407641	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE / REPLACE SVC. W/ 1" LONG SIDE - 250 MTR
X-trube	2945628	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE SVC/ REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR
X-trube	2947729	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC XTRUBE REPLACEMENT / SERVICE REPLACEMENT
X-trube	2947370	2693360	95			RC-HARMONY-FILLMRCCTL SD-C	GUIC X TRUBE / REPLACE SVC. W/ 1" SHORT SIDE - 250 MTR

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

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Type	WR #	Related WR	Op District	ProjectName	Const Complete Date	Month	Size Installed	Total Footage Installed	Size & Type Retired	Total Footage Retired	Service Installation Cost
Aldy-A	2854545	2775075	94		4/18/2019	4	1" and smaller	42	1/2" Plastic	44	\$ 979.59
Aldy-A	2854547	2775075	94		4/19/2019	4	1" and smaller	84	1/2" Plastic	84	\$ 1,622.74
Aldy-A	2854548	2775075	94		4/18/2019	4	1" and smaller	89	1/2" Plastic	92	\$ 1,380.10
Aldy-A	2854546	2775075	94		4/19/2019	4	1" and smaller	37	1/2" Plastic	37	\$ 854.47
Aldy-A	2884021	2844834	95		4/22/2019	4	1" and smaller	47	1/2" Plastic	55	\$ 1,472.76
Aldy-A	2854907	2775040	94		4/24/2019	4	1" and smaller	75	1/2" Plastic	72	\$ 1,651.53
Aldy-A	2854911	2775040	94		4/24/2019	4	1" and smaller	78	1/2" Plastic	75	\$ 1,479.06
Aldy-A	2854912	2775040	94		4/24/2019	4	1" and smaller	76	1/2" Plastic	73	\$ 1,996.09
Aldy-A	2854910	2775040	94		4/24/2019	4	1" and smaller	33	1/2" Plastic	36	\$ 1,068.12
Aldy-A	2854908	2775040	94		4/24/2019	4	1" and smaller	72	1/2" Plastic	70	\$ 1,820.99
Aldy-A	2883778	2844834	95		4/24/2019	4	1" and smaller	101	1/2" Plastic	100	\$ 2,521.13
Aldy-A	2883822	2844834	95		4/24/2019	4	1" and smaller	94	1/2" Plastic	10	\$ 2,349.08
Aldy-A	2883864	2844834	95		4/24/2019	4	1" and smaller	56	1/2" Plastic	60	\$ 1,674.78
Aldy-A	2883918	2844834	95		4/24/2019	4	1" and smaller	92	1/2" Plastic	92	\$ 2,405.53
Aldy-A	2883881	2844834	95		4/24/2019	4	1" and smaller	94	1/2" Plastic	99	\$ 2,354.46
Aldy-A	2883908	2844834	95		4/24/2019	4	1" and smaller	53	1/2" Plastic	55	\$ 1,815.16
Aldy-A	2883946	2844834	95		4/24/2019	4	1" and smaller	41	1/2" Plastic	62	\$ 1,537.20
Aldy-A	2880896	2846033	95		5/1/2019	5	1" and smaller	97	1/2" Plastic	101	\$ 2,174.84
Aldy-A	2854170	2776416	94		5/2/2019	5	1" and smaller	50	1" Plastic	43	\$ 1,163.59
Aldy-A	2854169	2776416	94		5/2/2019	5	1" and smaller	39	1/2" Plastic	41	\$ 965.24
Aldy-A	2880563	2846033	95		5/2/2019	5	1" and smaller	74	1/2" Plastic	68	\$ 2,010.29
Aldy-A	2880536	2846033	95		5/2/2019	5	1" and smaller	3	1/2" Plastic	56	\$ 740.04
Aldy-A	2880861	2846033	95		5/3/2019	5	1" and smaller	150	1/2" Plastic	87	\$ 2,653.38
Aldy-A	2884106	2844610	95		5/7/2019	5	1" and smaller	47	1/2" Plastic	45	\$ 1,247.53
Aldy-A	2884100	2844610	95		5/9/2019	5	1" and smaller	58	1/2" Plastic	57	\$ 1,756.22
Aldy-A	2884101	2844610	95		5/9/2019	5	1" and smaller	56	1/2" Plastic	56	\$ 1,752.35
Aldy-A	2884102	2844610	95		5/9/2019	5	1" and smaller	57	1/2" Plastic	56	\$ 1,957.31
Aldy-A	2884099	2844610	95		5/9/2019	5	1" and smaller	62	1/2" Plastic	150	\$ 1,231.44
Aldy-A	2887450	2845248	95		5/9/2019	5	1" and smaller	43	1/2" Plastic	85	\$ 2,781.98
Aldy-A	2887513	2845248	95		5/9/2019	5	1" and smaller	74	1/2" Plastic	63	\$ 2,582.41
Aldy-A	2887371	2845248	95		5/9/2019	5	1" and smaller	56	1/2" Plastic	107	\$ 2,476.80
Aldy-A	2893013	2845248	95		5/9/2019	5	1" and smaller	34	3/4" Steel	40	\$ 1,479.19
Aldy-A	2891287	2746693	94		5/9/2019	5	1" and smaller	98	1/2" Plastic	25	\$ 3,093.47
Aldy-A	2893177	2746693	94		5/9/2019	5	1" and smaller	98	1/2" Plastic	41	\$ 2,182.77
Aldy-A	2893172	2746693	94		5/9/2019	5	1" and smaller	100	1/2" Plastic	43	\$ 2,113.47
Aldy-A	2893173	2746693	94		5/9/2019	5	1" and smaller	114	1/2" Plastic	57	\$ 2,608.35
Aldy-A	2893176	2746693	94		5/9/2019	5	1" and smaller	98	1/2" Plastic	41	\$ 2,192.07
Aldy-A	2893168	2746693	94		5/9/2019	5	1" and smaller	40	1/2" Plastic	54	\$ 2,047.79
Aldy-A	2887363	2845248	95		5/10/2019	5	1" and smaller	91	1/2" Plastic	24	\$ 2,147.61
Aldy-A	2887501	2845248	95		5/10/2019	5	1" and smaller	32	1/2" Plastic	89	\$ 1,611.25
Aldy-A	2887449	2845248	95		5/10/2019	5	1" and smaller	30	1/2" Plastic	84	\$ 1,779.93
Aldy-A	2887500	2845248	95		5/10/2019	5	1" and smaller	31	1/2" Plastic	87	\$ 1,725.27
Aldy-A	2887448	2845248	95		5/10/2019	5	1" and smaller	34	1/2" Plastic	88	\$ 1,529.86
Aldy-A	2887447	2845248	95		5/10/2019	5	1" and smaller	31	1/2" Plastic	94	\$ 1,741.94
Aldy-A	2887446	2845248	95		5/10/2019	5	1" and smaller	32	1/2" Plastic	86	\$ 1,390.89
Aldy-A	2884103	2844610	95		5/13/2019	5	1" and smaller	45	1/2" Plastic	43	\$ 1,511.66
Aldy-A	2884108	2844610	95		5/13/2019	5	1" and smaller	50	1/2" Plastic	50	\$ 1,367.14
Aldy-A	2884107	2844610	95		5/13/2019	5	1" and smaller	49	1/2" Plastic	47	\$ 1,517.18
Aldy-A	2884105	2844610	95		5/13/2019	5	1" and smaller	43	1/2" Plastic	41	\$ 1,844.55
Aldy-A	2884104	2844610	95		5/13/2019	5	1" and smaller	46	1/2" Plastic	43	\$ 1,481.40
Aldy-A	2887514	2845248	95		5/13/2019	5	1" and smaller	35	5/8" Copper	42	\$ 1,553.36
Aldy-A	2887425	2845248	95		5/13/2019	5	1" and smaller	28	1/2" Plastic	32	\$ 1,248.56
Aldy-A	2887512	2845248	95		5/13/2019	5	1" and smaller	30	1/2" Plastic	36	\$ 1,729.13
Aldy-A	2887304	2845248	95		5/13/2019	5	1" and smaller	27	1/2" Plastic	30	\$ 1,537.41
Aldy-A	2887515	2845248	95		5/13/2019	5	1" and smaller	47	1/2" Plastic	49	\$ 2,020.80
Aldy-A	2887516	2845248	95		5/13/2019	5	1" and smaller	28	1/2" Plastic	34	\$ 1,253.45
Aldy-A	2887495	2845248	95		5/13/2019	5	1" and smaller	34	1/2" Plastic	42	\$ 1,348.59
Aldy-A	2854175	2776416	94		5/14/2019	5	1" and smaller	60	1" Plastic	57	\$ 1,594.45
Aldy-A	2854180	2776416	94		5/14/2019	5	1" and smaller	67	1" Plastic	7	\$ 2,540.73
Aldy-A	2854178	2776416	94		5/14/2019	5	1" and smaller	67	1" Plastic	64	\$ 2,505.25
Aldy-A	2854172	2776416	94		5/14/2019	5	1" and smaller	38	1/2" Plastic	35	\$ 2,697.11
Aldy-A	2884083	2844610	95		5/14/2019	5	1" and smaller	177	1/2" Plastic	176	\$ 3,639.27
Aldy-A	2884098	2844610	95		5/14/2019	5	1" and smaller	52	1/2" Plastic	50	\$ 1,663.83
Aldy-A	2887440	2845248	95		5/14/2019	5	1" and smaller	41	1/2" Plastic	94	\$ 2,566.75
Aldy-A	2887727	2845248	95		5/14/2019	5	1" and smaller	32	1/2" Plastic	39	\$ 1,584.96
Aldy-A	2887729	2845248	95		5/14/2019	5	1" and smaller	34	1/2" Plastic	87	\$ 1,484.96
Aldy-A	2887691	2845248	95		5/14/2019	5	1" and smaller	45	1/2" Plastic	48	\$ 1,844.82
Aldy-A	2887694	2845248	95		5/14/2019	5	1" and smaller	35	1/2" Plastic	39	\$ 1,661.30
Aldy-A	2887305	2845248	95		5/14/2019	5	1" and smaller	52	1/2" Plastic	60	\$ 1,883.02
Aldy-A	2887306	2845248	95		5/14/2019	5	1" and smaller	38	1/2" Plastic	47	\$ 1,957.62
Aldy-A	2887307	2845248	95		5/14/2019	5	1" and smaller	35	1/2" Plastic	44	\$ 1,824.06
Aldy-A	2887375	2845248	95		5/15/2019	5	1" and smaller	37	1/2" Plastic	44	\$ 2,210.14
Aldy-A	2887308	2845248	95		5/15/2019	5	1" and smaller	65	1/2" Plastic	70	\$ 1,877.92
Aldy-A	2886148	2847503	95		5/16/2019	5	1" and smaller	132	1/2" Plastic	168	\$ 2,960.24
Aldy-A	2887835	2845248	95		5/16/2019	5	1" and smaller	30	1/2" Plastic	31	\$ 1,580.82
Aldy-A	2887839	2845248	95		5/20/2019	5	1" and smaller	32	1/2" Plastic	40	\$ 1,504.25
Aldy-A	2887837	2845248	95		5/20/2019	5	1" and smaller	30	1/2" Plastic	37	\$ 1,577.58
Aldy-A	2887966	2845248	95		5/20/2019	5	1" and smaller	61	1/2" Plastic	72	\$ 1,534.20
Aldy-A	2887952	2845248	95		5/20/2019	5	1" and smaller	36	1/2" Plastic	40	\$ 1,661.30
Aldy-A	2887861	2845248	95		5/20/2019	5	1" and smaller	73	1/2" Plastic	80	\$ 2,329.66
Aldy-A	2887877	2845248	95		5/20/2019	5	1" and smaller	74	1/2" Plastic	79	\$ 2,334.42
Aldy-A	2887883	2845248	95		5/20/2019	5	1" and smaller	67	1/2" Plastic	146	\$ 2,435.49
Aldy-A	2887836	2845248	95		5/20/2019	5	1" and smaller	42	1/2" Plastic	95	\$ 1,683.30
Aldy-A	2887838	2845248	95		5/20/2019	5	1" and smaller	49	1/2" Plastic	88	\$ 1,609.47
Aldy-A	2854168	2776416	94		5/21/2019	5	1" and smaller	95	1/2" Plastic	85	\$ 2,801.30
Aldy-A	2854163	2776416	94		5/21/2019	5	1" and smaller	110	1/2" Plastic	112	\$ 2,617.97
Aldy-A	2854164	2776416	94		5/21/2019	5	1" and smaller	79	1/2" Plastic	75	\$ 2,123.84
Aldy-A	2854162	2776416	94		5/21/2019	5	1" and smaller	53	3/4" Steel	50	\$ 2,117.71
Aldy-A	2854167	2776416	94		5/21/2019	5	1" and smaller	80	1/2" Plastic	84	\$ 2,938.21
Aldy-A	2854165	2776416	94		5/21/2019	5	1" and smaller	96	1/2" Plastic	100	\$ 2,551.55
Aldy-A	2884119	2844877	95		5/21/2019	5	1" and smaller	85	1/2" Plastic	201	\$ 2,171.76
Aldy-A	2884483	2844877	95		5/21/2019	5	1" and smaller	43	None	43	\$ 1,572.26
Aldy-A	2884425	2844877	95		5/21/2019	5	1" and smaller	100	1/2" Plastic	135	\$ 3,514.58
Aldy-A	2887959	2845248	95		5/21/2019	5	1" and smaller	42	3/4" Steel	46	\$ 2,058.52
Aldy-A	2887964	2845248	95		5/21/2019	5	1" and smaller	32	3/4" Steel	38	\$ 1,596.18
Aldy-A	2887724	2845248	95		5/21/2019	5	1" and smaller	32	1/2" Plastic	37	\$ 1,540.80
Aldy-A	2887682	2845248	95		5/21/2019	5	1" and smaller	43	3/4" Steel	45	\$ 2,181.14
Aldy-A	2887728	2845248	95		5/21/2019	5	1" and smaller	32	1/2" Plastic	38	\$ 1,647.07
Aldy-A	2887805	2845248	95		5/21/2019	5	1" and smaller	34	3/4" Steel	40	\$ 1,510.14
Aldy-A	2887725	2845248	95		5/21/2019	5	1" and smaller	33	1/2" Plastic	37	\$ 1,619.83

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Type	WR #	Related WR	Op District	ProjectName	Const Complete Date	Month	Size Installed	Total Footage Installed	Size & Type Retired	Total Footage Retired	Service Installation Cost
Aldy-A	2884379	2844877	95		5/22/2019	5	1" and smaller	91	1/2" Plastic	93	\$ 3,315.82
Aldy-A	2884469	2844877	95		5/22/2019	5	1" and smaller	25	1/2" Plastic	23	\$ 1,308.99
Aldy-A	2884399	2844877	95		5/22/2019	5	1" and smaller	92	1/2" Plastic	122	\$ 2,384.34
Aldy-A	2884419	2844877	95		5/22/2019	5	1" and smaller	92	1/2" Plastic	218	\$ 2,444.04
Aldy-A	2887892	2845248	95		5/22/2019	5	1" and smaller	30	1/2" Plastic	89	\$ 1,735.20
Aldy-A	2887451	2845248	95		5/22/2019	5	1" and smaller	74	1/2" Plastic	55	\$ 3,654.21
Aldy-A	2887895	2845248	95		5/22/2019	5	1" and smaller	53	1/2" Plastic	112	\$ 1,858.99
Aldy-A	2887716	2845248	95		5/22/2019	5	1" and smaller	30	1/2" Plastic	85	\$ 1,615.46
Aldy-A	2887963	2845248	95		5/22/2019	5	1" and smaller	32	3/4" Steel	38	\$ 1,566.76
Aldy-A	2887726	2845248	95		5/22/2019	5	1" and smaller	31	1/2" Plastic	85	\$ 1,540.10
Aldy-A	2887796	2845248	95		5/22/2019	5	1" and smaller	29	1/2" Plastic	86	\$ 1,270.46
Aldy-A	2887804	2845248	95		5/22/2019	5	1" and smaller	32	3/4" Steel	86	\$ 1,473.46
Aldy-A	2887896	2845248	95		5/22/2019	5	1" and smaller	30	3/4" Steel	88	\$ 1,460.82
Aldy-A	2854166	2776416	94		5/24/2019	5	1" and smaller	28	1/2" Plastic	25	\$ 1,226.75
Aldy-A	2854157	2776416	94		5/24/2019	5	1" and smaller	99	1/2" Plastic	104	\$ 2,073.79
Aldy-A	2854183	2776416	94		5/24/2019	5	1" and smaller	115	1/2" Plastic	108	\$ 1,617.78
Aldy-A	2854585	2775065	94		6/13/2019	6	1" and smaller	45	1/2" Plastic	50	\$ 979.88
Aldy-A	2854588	2775065	94		6/13/2019	6	1" and smaller	57	1/2" Plastic	55	\$ 1,157.79
Aldy-A	2886499	2868816	95		6/14/2019	6	1" and smaller	35	1/2" Plastic	100	\$ 2,145.97
Aldy-A	2886503	2868816	95		6/14/2019	6	1" and smaller	34	None	82	\$ 2,442.69
Aldy-A	2886504	2868816	95		6/14/2019	6	1" and smaller	28	1/2" Plastic	86	\$ 2,573.97
Aldy-A	2886489	2868816	95		6/17/2019	6	1" and smaller	46	1/2" Plastic	86	\$ 2,146.54
Aldy-A	2901428	2868816	95		6/17/2019	6	1" and smaller	37	3/4" Steel	90	\$ 1,877.42
Aldy-A	2886495	2868816	95		6/17/2019	6	1" and smaller	48	1/2" Plastic	90	\$ 2,296.39
Aldy-A	2886491	2868816	95		6/17/2019	6	1" and smaller	46	1/2" Plastic	6	\$ 6,633.37
Aldy-A	2886501	2868816	95		6/17/2019	6	1" and smaller	50	1/2" Plastic	85	\$ 1,328.62
Aldy-A	2886498	2868816	95		6/17/2019	6	1" and smaller	25	1/2" Plastic	90	\$ 2,135.74
Aldy-A	2912437	2845617	95		6/18/2019	99	1/2" Plastic	99	1/2" Plastic	96	\$ 2,387.02
Aldy-A	2896050	2845617	95		6/18/2019	6	1" and smaller	98	3/4" Steel	94	\$ 2,521.30
Aldy-A	2895605	2845617	95		6/18/2019	6	1" and smaller	93	1/2" Plastic	89	\$ 2,360.09
Aldy-A	2896937	2845617	95		6/18/2019	6	1" and smaller	3	1/2" Plastic	3	\$ 816.79
Aldy-A	2895604	2845617	95		6/18/2019	6	1" and smaller	5	1/2" Plastic	65	\$ 1,265.53
Aldy-A	2886496	2868816	95		6/18/2019	6	1" and smaller	66	1/2" Plastic	100	\$ 2,153.96
Aldy-A	2886500	2868816	95		6/18/2019	6	1" and smaller	55	1/2" Plastic	115	\$ 1,817.41
Aldy-A	2886492	2868816	95		6/18/2019	6	1" and smaller	49	1/2" Plastic	105	\$ 2,084.68
Aldy-A	2886479	2868816	95		6/18/2019	6	1" and smaller	33	1/2" Plastic	93	\$ 2,131.70
Aldy-A	2887057	2868816	95		6/18/2019	6	1" and smaller	54	1/2" Plastic	90	\$ 2,270.21
Aldy-A	2887048	2868816	95		6/18/2019	6	1" and smaller	62	3/4" Steel	90	\$ 1,445.14
Aldy-A	2895313	2845617	95		6/19/2019	6	1" and smaller	49	1/2" Plastic	124	\$ 2,470.00
Aldy-A	2886490	2868816	95		6/19/2019	6	1" and smaller	53	1/2" Plastic	96	\$ 2,275.43
Aldy-A	2887050	2868816	95		6/19/2019	6	1" and smaller	70	3/4" Steel	150	\$ 1,791.94
Aldy-A	2887014	2868816	95		6/19/2019	6	1" and smaller	13	1" Plastic	56	\$ 951.45
Aldy-A	2886488	2868816	95		6/19/2019	6	1" and smaller	60	1/2" Plastic	95	\$ 2,008.38
Aldy-A	2886494	2868816	95		6/19/2019	6	1" and smaller	45	1/2" Plastic	95	\$ 2,201.53
Aldy-A	2886502	2868816	95		6/19/2019	6	1" and smaller	61	1/2" Plastic	100	\$ 2,033.83
Aldy-A	2854589	2775065	94		6/20/2019	6	1" and smaller	99	1/2" Plastic	55	\$ 2,380.28
Aldy-A	2895607	2845617	95		6/20/2019	6	1" and smaller	99	1/2" Plastic	103	\$ 2,679.08
Aldy-A	2886487	2868816	95		6/20/2019	6	1" and smaller	81	1/2" Plastic	78	\$ 1,965.38
Aldy-A	2887052	2868816	95		6/20/2019	6	1" and smaller	60	3/4" Steel	25	\$ 1,577.31
Aldy-A	2854583	2775065	94		6/21/2019	6	1" and smaller	84	1/2" Plastic	39	\$ 2,141.20
Aldy-A	2854594	2775065	94		6/21/2019	6	1" and smaller	83	1/2" Plastic	37	\$ 2,416.07
Aldy-A	2854582	2775065	94		6/21/2019	6	1" and smaller	85	1/2" Plastic	39	\$ 2,164.76
Aldy-A	2854581	2775065	94		6/21/2019	6	1" and smaller	86	1/2" Plastic	39	\$ 2,453.53
Aldy-A	2895610	2845617	95		6/21/2019	6	1" and smaller	96	1/2" Plastic	92	\$ 2,445.70
Aldy-A	2895608	2845617	95		6/21/2019	6	1" and smaller	95	1/2" Plastic	91	\$ 2,015.54
Aldy-A	2895606	2845617	95		6/21/2019	6	1" and smaller	99	1/2" Plastic	106	\$ 2,522.18
Aldy-A	2894672	2845617	95		6/21/2019	6	1" and smaller	47	1/2" Plastic	44	\$ 1,258.52
Aldy-A	2894676	2845617	95		6/21/2019	6	1" and smaller	66	1/2" Plastic	66	\$ 1,536.13
Aldy-A	2895303	2845617	95		6/21/2019	6	1" and smaller	73	1/2" Plastic	72	\$ 1,891.16
Aldy-A	2897245	2693360	89		6/24/2019	6	1" and smaller	89	5/8" Copper	123	\$ 4,232.77
Aldy-A	2854592	2775065	94		6/24/2019	6	Tie over	1	1/2" Plastic	52	\$ 1,180.97
Aldy-A	2854595	2775065	94		6/24/2019	6	1" and smaller	90	1/2" Plastic	39	\$ 2,484.93
Aldy-A	2854584	2775065	94		6/24/2019	6	1" and smaller	104	1/2" Plastic	235	\$ 1,325.70
Aldy-A	2895645	2845617	95		6/24/2019	6	1" and smaller	102	1/2" Plastic	98	\$ 2,462.27
Aldy-A	2895609	2845617	95		6/24/2019	6	1" and smaller	38	1/2" Plastic	35	\$ 1,162.65
Aldy-A	2895514	2845617	95		6/24/2019	6	1" and smaller	49	1/2" Plastic	53	\$ 1,310.18
Aldy-A	2895341	2845617	95		6/24/2019	6	1" and smaller	62	1/2" Plastic	53	\$ 1,374.04
Aldy-A	2895506	2845617	95		6/24/2019	6	1" and smaller	54	1/2" Plastic	49	\$ 1,339.83
Aldy-A	2894659	2845617	95		6/24/2019	6	1" and smaller	49	1/2" Plastic	41	\$ 3,178.71
Aldy-A	2895275	2845617	95		6/24/2019	6	1" and smaller	59	1/2" Plastic	120	\$ 1,870.78
Aldy-A	2896141	2845617	95		6/24/2019	6	1" and smaller	34	1/2" Plastic	85	\$ 1,501.39
Aldy-A	2894677	2845617	95		6/24/2019	6	1" and smaller	61	1/2" Plastic	56	\$ 1,489.76
Aldy-A	2896347	2845617	95		6/26/2019	6	1" and smaller	105	1/2" Plastic	79	\$ 2,625.00
Aldy-A	2896220	2845617	95		6/26/2019	6	1" and smaller	119	1/2" Plastic	115	\$ 2,937.38
Aldy-A	2895640	2845617	95		6/26/2019	6	1" and smaller	99	1/2" Plastic	96	\$ 2,498.54
Aldy-A	2894675	2845617	95		6/26/2019	6	1" and smaller	45	1/2" Plastic	38	\$ 1,186.07
Aldy-A	2896144	2845617	95		6/26/2019	6	1" and smaller	24	1/2" Plastic	29	\$ 1,379.96
Aldy-A	2895511	2845617	95		6/26/2019	6	1" and smaller	56	1/2" Plastic	49	\$ 1,470.86
Aldy-A	2895513	2845617	95		6/26/2019	6	1" and smaller	55	1/2" Plastic	54	\$ 1,392.62
Aldy-A	2895346	2845617	95		6/26/2019	6	1" and smaller	65	1/2" Plastic	60	\$ 1,381.69
Aldy-A	2895641	2845617	95		6/26/2019	6	1" and smaller	103	1/2" Plastic	94	\$ 2,496.35
Aldy-A	2895643	2845617	95		6/26/2019	6	1" and smaller	97	1/2" Plastic	93	\$ 2,462.09
Aldy-A	2896295	2845617	95		6/27/2019	6	1" and smaller	51	1/2" Plastic	33	\$ 1,548.31
Aldy-A	2896344	2845617	95		6/27/2019	6	1" and smaller	97	1/2" Plastic	94	\$ 2,438.11
Aldy-A	2896343	2845617	95		6/27/2019	6	1" and smaller	27	1/2" Plastic	30	\$ 1,243.77
Aldy-A	2896311	2845617	95		7/1/2019	7	1" and smaller	27	1/2" Plastic	31	\$ 1,313.87
Aldy-A	2895515	2845617	95		7/1/2019	7	1" and smaller	39	1/2" Plastic	36	\$ 1,435.71
Aldy-A	2895372	2845617	95		7/1/2019	7	1" and smaller	39	1/2" Plastic	44	\$ 1,416.60
Aldy-A	2895516	2845617	95		7/1/2019	7	1" and smaller	42	1/2" Plastic	39	\$ 1,310.23
Aldy-A	2895348	2845617	95		7/1/2019	7	1" and smaller	41	1/2" Plastic	49	\$ 1,397.62
Aldy-A	2895358	2845617	95		7/1/2019	7	1" and smaller	29	1/2" Plastic	31	\$ 1,335.54
Aldy-A	2895360	2845617	95		7/1/2019	7	1" and smaller	33	1/2" Plastic	30	\$ 1,308.64
Aldy-A	2895361	2845617	95		7/1/2019	7	1" and smaller	47	1/2" Plastic	53	\$ 1,516.44
Aldy-A	2895362	2845617	95		7/1/2019	7	1" and smaller	40	1/2" Plastic	35	\$ 1,543.35
Aldy-A	2895363	2845617	95		7/1/2019	7	1" and smaller	46	1/2" Plastic	54	\$ 1,663.24
Aldy-A	2895644	2845617	95		7/2/2019	7	1" and smaller	96	1/2" Plastic	92	\$ 2,469.14
Aldy-A	2895614	2845617	95		7/2/2019	7	1" and smaller	30	1/2" Plastic	34	\$ 1,139.21
Aldy-A	2896349	2845617	95		7/3/2019	7	1" and smaller	99	1/2" Plastic	96	\$ 2,422.61
Aldy-A	2896053	2845617	95		7/3/2019	7	1" and smaller	31	1/2" Plastic	35	\$ 1,241.60
Aldy-A	2896182	2845617	95		7/3/2019	7	1" and smaller	97	1/2" Plastic	93	\$ 2,441.24

...PRIVATE DATA ENDS]

[PRIVATE DATA BEGINS...]

Type	WR #	Related WR	Op District	ProjectName	Const Complete Date	Month	Size Installed	Total Footage Installed	Size & Type Retired	Total Footage Retired	Service Installation Cost
Aldy-A	2895642	2845617	95		7/3/2019	7	1" and smaller	93	1/2" Plastic	89	\$ 2,387.91
Aldy-A	2895644	2845617	95		7/3/2019	7	1" and smaller	53	1/2" Plastic	57	\$ 1,360.46
Aldy-A	2896348	2845617	95		7/3/2019	7	1" and smaller	30	1/2" Plastic	34	\$ 1,391.67
Aldy-A	2896346	2845617	95		7/3/2019	7	1" and smaller	97	1/2" Plastic	93	\$ 2,493.85
Aldy-A	2896345	2845617	95		7/3/2019	7	1" and smaller	55	1/2" Plastic	59	\$ 1,994.18
Aldy-A	2896350	2845617	95		7/5/2019	3	1" and smaller	33	1/2" Plastic	37	\$ 1,332.21
Aldy-A	2896061	2845617	95		7/5/2019	7	1" and smaller	33	1/2" Plastic	40	\$ 1,344.29
Aldy-A	2895615	2845617	95		7/5/2019	7	1" and smaller	94	1/2" Plastic	87	\$ 2,393.15
Aldy-A	2896248	2845617	95		7/5/2019	7	1" and smaller	96	1/2" Plastic	89	\$ 2,495.96
Aldy-A	2893312	2845757	95		7/12/2019	7	1" and smaller	150	1/2" Plastic	168	\$ 3,304.97
Aldy-A	2886775	2845757	95		7/13/2019	7	1" and smaller	71	1/2" Plastic	85	\$ 2,151.99
Aldy-A	2879754	2845757	95		7/13/2019	7	1" and smaller	57	1/2" Plastic	71	\$ 1,937.80
Aldy-A	2886773	2845757	95		7/13/2019	7	1" and smaller	172	1/2" Plastic	185	\$ 3,810.01
Aldy-A	2886777	2845757	95		7/13/2019	7	1" and smaller	169	1/2" Plastic	180	\$ 3,798.00
Aldy-A	2893302	2845757	95		7/13/2019	7	1" and smaller	153	1/2" Plastic	110	\$ 4,399.44
Aldy-A	2886776	2845757	95		7/13/2019	7	1" and smaller	162	1/2" Plastic	152	\$ 3,517.84
Aldy-A	2893292	2845757	95		7/13/2019	7	1" and smaller	132	1/2" Plastic	40	\$ 3,754.32
Aldy-A	2879755	2845757	95		7/13/2019	7	1" and smaller	185	1/2" Plastic	175	\$ 2,547.27
Aldy-A	2886774	2845757	95		7/13/2019	7	1" and smaller	131	1/2" Plastic	145	\$ 3,023.59
Aldy-A	2879756	2845757	95		7/15/2019	7	1" and smaller	211	1/2" Plastic	200	\$ 4,779.79
Aldy-A	2893313	2845757	95		7/15/2019	7	1" and smaller	255	1/2" Plastic	241	\$ 5,810.88
Aldy-A	2886769	2845757	95		7/16/2019	7	1" and smaller	229	1/2" Plastic	240	\$ 4,761.94
Aldy-A	2879753	2845757	95		7/16/2019	7	1" and smaller	136	1/2" Plastic	124	\$ 3,746.92
Aldy-A	2886772	2845757	95		7/18/2019	7	1" and smaller	195	1/2" Plastic	220	\$ 4,633.96
Aldy-A	2909632	2693360	95		7/19/2019	7	1" and smaller	70	1/2" Plastic	65	\$ 1,995.49
Aldy-A	2887053	2868816	95		7/24/2019	7	1" and smaller	190	3/4" Steel	45	\$ 3,577.04
Aldy-A	2891517	2845123	95		7/30/2019	7	1" and smaller	37	1/2" Plastic	48	\$ 1,732.65
Aldy-A	2891519	2845123	95		7/30/2019	7	1" and smaller	39	1/2" Plastic	47	\$ 3,526.54
Aldy-A	2891521	2845123	95		7/30/2019	7	1" and smaller	27	1/2" Plastic	48	\$ 1,542.84
Aldy-A	2899728	2845123	95		7/30/2019	7	1" and smaller	30	None	48	\$ 1,908.90
Aldy-A	2891515	2845123	95		7/30/2019	7	1" and smaller	32	1/2" Plastic	43	\$ 1,457.64
Aldy-A	2891516	2845123	95		7/30/2019	7	1" and smaller	37	1/2" Plastic	89	\$ 1,530.13
Aldy-A	2893061	2845123	95		7/31/2019	7	1" and smaller	35	1/2" Plastic	88	\$ 1,832.76
Aldy-A	2891518	2845123	95		7/31/2019	7	1" and smaller	34	1/2" Plastic	84	\$ 1,739.87
Aldy-A	2891520	2845123	95		7/31/2019	7	1" and smaller	31	1/2" Plastic	81	\$ 1,486.12
Aldy-A	2891522	2845123	95		7/31/2019	7	1" and smaller	35	1/2" Plastic	87	\$ 1,904.09
Aldy-A	2891524	2845123	95		7/31/2019	7	1" and smaller	35	1/2" Plastic	85	\$ 1,516.93
Aldy-A	2893060	2845123	95		7/31/2019	7	1" and smaller	41	1/2" Plastic	84	\$ 1,898.38
Aldy-A	2893062	2845123	95		7/31/2019	7	1" and smaller	50	1/2" Plastic	86	\$ 1,611.20
Aldy-A	2893063	2845123	95		7/31/2019	7	1" and smaller	55	1/2" Plastic	87	\$ 1,963.48
Aldy-A	2893064	2845123	95		8/1/2019	8	1" and smaller	30	1/2" Plastic	52	\$ 1,687.89
Aldy-A	2893059	2693360	95		7/31/2019	7	1" and smaller	33	1/2" Plastic	43	\$ 1,583.85
Aldy-A	2893058	2845123	95		8/1/2019	8	1" and smaller	35	1/2" Plastic	44	\$ 2,328.46
Aldy-A	2891523	2845123	95		8/1/2019	8	1" and smaller	36	1/2" Plastic	45	\$ 1,752.65
Aldy-A	2932242	2845123	95		8/5/2019	8	1" and smaller	59	1/2" Plastic	75	\$ 2,078.91
Aldy-A	2891426	2845123	95		8/5/2019	8	1" and smaller	27	1/2" Plastic	34	\$ 1,579.13
Aldy-A	2880221	2845757	95		8/13/2019	8	1" and smaller	244	1/2" Plastic	210	\$ 5,836.26
Aldy-A	2880212	2845757	95		8/14/2019	8	1" and smaller	194	1/2" Plastic	215	\$ 3,954.46
Aldy-A	2896683	2845753	95		8/15/2019	8	1" and smaller	75	1" Plastic	190	\$ 1,973.76
Aldy-A	2896481	2845753	95		8/15/2019	8	1" and smaller	55	1/2" Plastic	55	\$ 2,158.93
Aldy-A	2896485	2845753	95		8/15/2019	8	1" and smaller	30	1/2" Plastic	30	\$ 1,583.52
Aldy-A	2896283	2845753	95		8/15/2019	8	1" and smaller	35	1/2" Plastic	35	\$ 1,470.13
Aldy-A	2896486	2845753	95		8/15/2019	8	1" and smaller	30	1/2" Plastic	30	\$ 1,426.87
Aldy-A	2896357	2845753	95		8/15/2019	8	1" and smaller	45	1/2" Plastic	45	\$ 1,222.93
Aldy-A	2896284	2845753	95		8/15/2019	8	1" and smaller	50	1/2" Plastic	50	\$ 1,235.74
Aldy-A	2896363	2845753	95		8/15/2019	8	1" and smaller	60	1/2" Plastic	45	\$ 1,368.73
Aldy-A	2896461	2845753	95		8/15/2019	8	1" and smaller	25	1/2" Plastic	110	\$ 1,716.30
Aldy-A	2896282	2845753	95		8/16/2019	8	1" and smaller	25	1/2" Plastic	30	\$ 1,194.18
Aldy-A	2896281	2845753	95		8/16/2019	8	1" and smaller	30	1/2" Plastic	32	\$ 1,344.09
Aldy-A	2896272	2845753	95		8/16/2019	8	1" and smaller	20	1/2" Plastic	23	\$ 1,219.77
Aldy-A	2880220	2845757	95		8/16/2019	8	1" and smaller	191	1/2" Plastic	145	\$ 3,886.90
Aldy-A	2896365	2845753	95		8/16/2019	8	1" and smaller	30	1/2" Plastic	33	\$ 1,068.89
Aldy-A	2896364	2845753	95		8/16/2019	8	1" and smaller	30	1/2" Plastic	33	\$ 1,087.34
Aldy-A	2893311	2845757	95		8/16/2019	8	1" and smaller	157	1/2" Plastic	171	\$ 3,365.40
Aldy-A	2893310	2845757	95		8/16/2019	8	1" and smaller	186	1/2" Plastic	198	\$ 4,125.62
Aldy-A	2896755	2845753	95		8/19/2019	8	1" and smaller	75	1/2" Plastic	70	\$ 2,443.24
Aldy-A	2896668	2845753	95		8/19/2019	8	1" and smaller	60	1" Plastic	55	\$ 3,947.23
Aldy-A	2946758	2845753	95		8/19/2019	8	1" and smaller	20	None	23	\$ 1,292.98
Aldy-A	2893314	2845757	95		8/19/2019	8	1" and smaller	313	1/2" Plastic	265	\$ 6,047.05
Aldy-A	2879832	2845757	95		8/20/2019	8	1" and smaller	123	1/2" Plastic	131	\$ 2,360.62
Aldy-A	2886755	2845757	95		8/20/2019	8	1" and smaller	200	1/2" Plastic	210	\$ 4,222.95
Aldy-A	2896675	2845753	95		8/20/2019	8	1" and smaller	75	1" Plastic	75	\$ 2,867.44
Aldy-A	2893309	2845757	95		8/21/2019	8	1" and smaller	106	1/2" Plastic	96	\$ 2,534.84
Aldy-A	2880218	2845757	95		8/21/2019	8	1" and smaller	128	1/2" Plastic	118	\$ 2,877.81
Aldy-A	2880219	2845757	95		8/21/2019	8	1" and smaller	139	1/2" Plastic	122	\$ 3,194.38
Aldy-A	2939868	2845757	95		8/21/2019	8	1" and smaller	152	1/2" Plastic	279	\$ 3,467.83
Aldy-A	2886753	2845757	95		8/21/2019	8	1" and smaller	100	1/2" Plastic	90	\$ 4,012.82
Aldy-A	2886747	2845757	95		8/21/2019	8	1" and smaller	158	1/2" Plastic	208	\$ 3,513.07
Aldy-A	2893308	2845757	95		8/21/2019	8	1" and smaller	149	1/2" Plastic	172	\$ 2,884.94
Aldy-A	2867629	2845757	95		8/22/2019	8	1" and smaller	19	1/2" Plastic	6	\$ 1,254.39
Aldy-A	2867638	2845757	95		8/22/2019	8	1" and smaller	74	1/2" Plastic	69	\$ 2,053.29
Aldy-A	2867637	2845757	95		8/22/2019	8	1" and smaller	118	1/2" Plastic	248	\$ 1,833.44
Aldy-A	2886754	2845757	95		8/22/2019	8	Tie over	2	1/2" Plastic	8	\$ 1,215.02
Aldy-A	2879830	2845757	95		8/22/2019	8	1" and smaller	107	1/2" Plastic	98	\$ 2,836.22
Aldy-A	2893307	2845757	95		8/23/2019	8	1" and smaller	104	1/2" Plastic	98	\$ 2,589.00
Aldy-A	2893306	2845757	95		8/23/2019	8	1" and smaller	85	1/2" Plastic	2,479.16	
Aldy-A	2893305	2845757	95		8/23/2019	8	1" and smaller	149	1/2" Plastic	159	\$ 2,084.32
Aldy-A	2879831	2845757	95		8/23/2019	8	1" and smaller	72	1/2" Plastic	62	\$ 3,004.01
Aldy-A	2893304	2845757	95		8/26/2019	8	1" and smaller	99	1/2" Plastic	94	\$ 2,624.30
Aldy-A	2879803	2845757	95		8/26/2019	8	1" and smaller	102	1/2" Plastic	97	\$ 2,755.60
Aldy-A	2896704	2845753	95		8/26/2019	8	1" and smaller	45	1/2" Plastic	48	\$ 1,151.12
Aldy-A	2896706	2845753	95		8/26/2019	8	1" and smaller	45	1/2" Plastic	48	\$ 1,122.27
Aldy-A	2896799	2845753	95		8/27/2019	8	1" and smaller	53	1/2" Plastic	56	\$ 2,659.59
Aldy-A	2896800	2845753	95		8/27/2019	8	1" and smaller	65	1/2" Plastic	60	\$ 2,781.45
Aldy-A	2896707	2845753	95		8/27/2019	8	1" and smaller	45	1/2" Plastic	48	\$ 1,799.26
Aldy-A	2896708	2845753	95		8/27/2019	8	1" and smaller	50	1/2" Plastic	53	\$ 1,837.49
Aldy-A	2896801	2845753	95		8/27/2019	8	1" and smaller	50	1/2" Plastic	53	\$ 2,472.17
Aldy-A	2896792	2845753	95		8/27/2019	8	1" and smaller	55	1/2" Plastic	75	\$ 3,046.33
Aldy-A	2933703	2845757	95		8/28/2019	8	1" and smaller	313	3/4" Steel	690	\$ 2,556.16
Aldy-A	2893257	2845757	95		8/29/2019	8	1" and smaller	170	1" Plastic	500	\$ 4,427.47

...PRIVATE DATA ENDS]

[PRIVATE DATA BEGINS...]

Type	WR #	Related WR	Op District	ProjectName	Const Complete Date	Month	Size Installed	Total Footage Installed	Size & Type Retired	Total Footage Retired	Service Installation Cost
Aldy-A	2893249	2845757	95		8/29/2019	8	1" and smaller	101	1" Plastic	271	\$ 2,644.56
Aldy-A	2913469	2845753	95		8/29/2019	8	2" Plastic	-	2" Plastic	5	\$ 5,936.16
Aldy-A	2926200	2877997	98		9/5/2019	9	1" and smaller	64	1/2" Plastic	150	\$ 2,232.40
Aldy-A	2926201	2877997	98		9/5/2019	9	1" and smaller	57	1/2" Plastic	150	\$ 2,544.68
Aldy-A	2926199	2877997	98		9/6/2019	9	1" and smaller	294	1/2" Plastic	170	\$ 6,188.22
Aldy-A	2926198	2877997	98		9/6/2019	9	1" and smaller	64	1/2" Plastic	150	\$ 2,186.94
Aldy-A	2926197	2877997	98		9/6/2019	9	1" and smaller	62	1/2" Plastic	150	\$ 2,219.93
Aldy-A	2926196	2877997	98		9/6/2019	9	1" and smaller	86	1/2" Plastic	125	\$ 3,048.05
Aldy-A	2926195	2877997	98		9/6/2019	9	1" and smaller	113	1/2" Plastic	125	\$ 2,558.37
Aldy-A	2899271	2847679	95		9/6/2019	9	1" and smaller	41	1/2" Plastic	50	\$ 1,416.80
Aldy-A	2899014	2847679	95		9/7/2019	9	1" and smaller	2	1/2" Plastic	16	\$ 1,054.29
Aldy-A	2940950	2847679	95		9/7/2019	9	1" and smaller	1	1/2" Plastic	56	\$ 1,069.44
Aldy-A	2916204	2877997	98		9/9/2019	9	1" and smaller	151	1/2" Plastic	125	\$ 3,934.90
Aldy-A	2899269	2847679	95		9/9/2019	9	1" and smaller	116	1/2" Plastic	55	\$ 2,401.58
Aldy-A	2899209	2847679	95		9/9/2019	9	1" and smaller	91	1/2" Plastic	43	\$ 2,212.32
Aldy-A	2900273	2847679	95		9/10/2019	9	1" and smaller	38	1/2" Plastic	49	\$ 1,596.32
Aldy-A	2926191	2877997	98		9/10/2019	9	1" and smaller	80	1" Plastic	52	\$ 1,853.11
Aldy-A	2926190	2877997	98		9/10/2019	9	1" and smaller	80	1/2" Plastic	60	\$ 2,042.46
Aldy-A	2899268	2847679	95		9/10/2019	9	1" and smaller	121	1/2" Plastic	63	\$ 2,451.92
Aldy-A	2900211	2847679	95		9/10/2019	9	1" and smaller	92	1/2" Plastic	87	\$ 2,268.63
Aldy-A	2900271	2847679	95		9/10/2019	9	1" and smaller	30	1/2" Plastic	84	\$ 1,474.69
Aldy-A	2899274	2847679	95		9/10/2019	9	1" and smaller	32	1/2" Plastic	49	\$ 1,434.47
Aldy-A	2899272	2847679	95		9/10/2019	9	1" and smaller	40	1/2" Plastic	43	\$ 1,616.94
Aldy-A	2899267	2847679	95		9/10/2019	9	1" and smaller	114	1/2" Plastic	68	\$ 2,238.57
Aldy-A	2899270	2847679	95		9/10/2019	9	1" and smaller	44	1/2" Plastic	54	\$ 1,819.17
Aldy-A	2900272	2847679	95		9/10/2019	9	1" and smaller	43	1/2" Plastic	101	\$ 1,856.80
Aldy-A	2899011	2847679	95		9/11/2019	9	1" and smaller	123	1/2" Plastic	72	\$ 2,338.65
Aldy-A	2899015	2847679	95		9/11/2019	9	1" and smaller	98	1/2" Plastic	47	\$ 2,175.28
Aldy-A	2899273	2847679	95		9/11/2019	9	1" and smaller	88	1/2" Plastic	33	\$ 2,127.89
Aldy-A	2900276	2847679	95		9/11/2019	9	1" and smaller	33	1/2" Plastic	83	\$ 1,653.85
Aldy-A	2926205	2877997	98		9/13/2019	9	1" and smaller	94	1/2" Plastic	-	\$ 2,388.44
Aldy-A	2926188	2877997	98		9/13/2019	9	1" and smaller	46	1/2" Plastic	125	\$ 2,043.97
Aldy-A	2926202	2877997	98		9/13/2019	9	1" and smaller	53	1/2" Plastic	150	\$ 2,448.51
Aldy-A	2884664	2844752	95		9/13/2019	9	1" and smaller	90	1/2" Plastic	58	\$ 2,692.22
Aldy-A	2884700	2844752	95		9/13/2019	9	1" and smaller	45	1/2" Plastic	86	\$ 1,556.62
Aldy-A	2884691	2844752	95		9/13/2019	9	1" and smaller	111	1/2" Plastic	53	\$ 2,955.13
Aldy-A	2884566	2844752	95		9/13/2019	9	1" and smaller	124	1/2" Plastic	62	\$ 2,838.64
Aldy-A	2884698	2844752	95		9/13/2019	9	1" and smaller	44	1/2" Plastic	83	\$ 1,798.62
Aldy-A	2884625	2844752	95		9/13/2019	9	1" and smaller	98	3/4" Steel	53	\$ 2,646.75
Aldy-A	2884544	2844752	95		9/13/2019	9	1" and smaller	113	1/2" Plastic	54	\$ 2,948.32
Aldy-A	2884535	2844752	98		9/14/2019	9	1" and smaller	66	3/4" Steel	63	\$ 2,252.39
Aldy-A	2926185	2877997	98		9/16/2019	9	1" and smaller	80	1/2" Plastic	-	\$ 2,112.56
Aldy-A	2922645	2877997	98		9/16/2019	9	1" and smaller	87	1/2" Plastic	-	\$ 2,190.32
Aldy-A	2922646	2877997	98		9/16/2019	9	1" and smaller	162	1/2" Plastic	-	\$ 2,632.05
Aldy-A	2957620	2847679	95		9/17/2019	9	1" and smaller	347	None	429	\$ 7,319.20
Aldy-A	2883548	2844598	95		9/17/2019	9	1" and smaller	124	1/2" Plastic	14	\$ 4,025.20
Aldy-A	2883546	2844598	95		9/17/2019	9	1" and smaller	115	1/2" Plastic	3	\$ 3,880.89
Aldy-A	2883539	2844598	95		9/17/2019	9	1" and smaller	124	1/2" Plastic	10	\$ 4,294.86
Aldy-A	2883545	2844598	95		9/17/2019	9	1" and smaller	140	1/2" Plastic	52	\$ 3,546.93
Aldy-A	2883547	2844598	95		9/17/2019	9	1" and smaller	136	1/2" Plastic	52	\$ 4,003.75
Aldy-A	2883549	2844598	95		9/18/2019	9	-	1/2" Plastic	9	15	\$ 1,333.28
Aldy-A	2883550	2844598	95		9/18/2019	9	1" Tie over	1	1/2" Plastic	15	\$ 1,270.96
Aldy-A	2883551	2844598	95		9/20/2019	9	-	1/2" Plastic	9	15	\$ 1,405.01
Aldy-A	2883541	2844598	95		9/21/2019	9	1" and smaller	91	1/2" Plastic	98	\$ 2,577.02
Aldy-A	2883315	2844598	95		9/21/2019	9	1" and smaller	35	1/2" Plastic	30	\$ 1,625.61
Aldy-A	2883317	2844598	95		9/21/2019	9	1" and smaller	125	1/2" Plastic	130	\$ 2,208.47
Aldy-A	2883313	2844598	95		9/21/2019	9	1" and smaller	88	1/2" Plastic	93	\$ 2,635.20
Aldy-A	2883311	2844598	95		9/21/2019	9	1" and smaller	40	1/2" Plastic	36	\$ 1,757.72
Aldy-A	2883308	2844598	95		9/21/2019	9	1" and smaller	88	1/2" Plastic	93	\$ 2,495.97
Aldy-A	2882759	2844598	95		9/23/2019	9	1" and smaller	38	1/2" Plastic	40	\$ 1,698.16
Aldy-A	2882577	2844598	95		9/23/2019	9	1" and smaller	41	1/2" Plastic	36	\$ 1,777.25
Aldy-A	2882753	2693360	95		9/23/2019	9	1" and smaller	89	1/2" Plastic	92	\$ 2,499.74
Aldy-A	2882761	2844598	95		9/23/2019	9	1" and smaller	44	1/2" Plastic	34	\$ 1,270.54
Aldy-A	2882757	2844598	95		9/23/2019	9	1" and smaller	90	1/2" Plastic	96	\$ 2,589.69
Aldy-A	2883120	2844598	95		9/23/2019	9	1" and smaller	36	1/2" Plastic	40	\$ 1,265.36
Aldy-A	2882573	2844598	95		9/24/2019	9	1" and smaller	43	1/2" Plastic	38	\$ 1,759.29
Aldy-A	2882571	2844598	95		9/24/2019	9	1" and smaller	87	1/2" Plastic	92	\$ 2,801.43
Aldy-A	2882560	2844598	95		9/24/2019	9	1" and smaller	89	1/2" Plastic	94	\$ 2,640.02
Aldy-A	2882569	2844598	95		9/24/2019	9	1" and smaller	57	1/2" Plastic	38	\$ 2,222.46
Aldy-A	2881598	2844598	95		9/25/2019	9	1" and smaller	49	1/2" Plastic	38	\$ 1,747.75
Aldy-A	2881609	2844598	95		9/25/2019	9	1" and smaller	56	1/2" Plastic	83	\$ 2,114.38
Aldy-A	2940325	2801469	98		9/26/2019	9	-	1/2" Plastic	-	18	\$ 849.65
Aldy-A	2940327	2801469	98		9/26/2019	9	-	1/2" Plastic	-	205	\$ 496.08
Aldy-A	2940326	2801469	98		9/27/2019	9	1" and smaller	164	1/2" Plastic	185	\$ 3,932.00
Aldy-A	2940340	2801469	98		9/27/2019	9	1" and smaller	79	1/2" Plastic	78	\$ 2,458.95
Aldy-A	2940332	2801469	98		9/27/2019	9	1" and smaller	52	1/2" Plastic	58	\$ 1,901.45
Aldy-A	2940334	2801469	98		9/27/2019	9	1" and smaller	56	1/2" Plastic	50	\$ 1,769.57
Aldy-A	2940338	2801469	98		9/27/2019	9	1" and smaller	39	1/2" Plastic	45	\$ 1,821.31
Aldy-A	2940333	2801469	98		9/27/2019	9	1" and smaller	110	1/2" Plastic	137	\$ 3,163.50
Aldy-A	2940328	2801469	98		9/27/2019	9	-	1/2" Plastic	-	183	\$ 496.08
Aldy-A	2882760	2844598	95		9/27/2019	9	1" and smaller	30	1/2" Plastic	35	\$ 1,532.19
Aldy-A	2883312	2844598	95		9/28/2019	9	1" and smaller	28	1/2" Plastic	32	\$ 1,680.05
Aldy-A	2883314	2844598	95		9/28/2019	9	1" and smaller	125	1/2" Plastic	120	\$ 2,133.96
Aldy-A	2883316	2844598	95		9/28/2019	9	1" and smaller	33	1/2" Plastic	33	\$ 1,671.11
Aldy-A	2883538	2844598	95		9/28/2019	9	1" and smaller	126	1/2" Plastic	116	\$ 3,123.04
Aldy-A	2882758	2844598	95		9/30/2019	9	1" and smaller	132	1/2" Plastic	128	\$ 3,386.92
Aldy-A	2882756	2844598	95		9/30/2019	9	1" and smaller	33	1/2" Plastic	40	\$ 1,183.20
Aldy-A	2882752	2844598	95		9/30/2019	9	1" and smaller	117	1/2" Plastic	111	\$ 2,879.89
Aldy-A	2882754	2844598	95		9/30/2019	9	1" and smaller	120	1/2" Plastic	116	\$ 3,086.62
Aldy-A	2882574	2844598	95		9/30/2019	9	1" and smaller	33	1/2" Plastic	36	\$ 1,761.34
Aldy-A	2882570	2844598	95		9/30/2019	9	1" and smaller	34	1/2" Plastic	40	\$ 1,776.97
Aldy-A	2882578	2844598	95		9/30/2019	9	1" and smaller	126	1/2" Plastic	122	\$ 3,185.82
Aldy-A	2969176	2844598	95		9/30/2019	9	1" and smaller	35	1/2" Plastic	34	\$ 1,406.01
Aldy-A	2883309	2844598	95		9/30/2019	9	1" and smaller	121	1/2" Plastic	118	\$ 3,022.08
Aldy-A	2940335	2801469	98		10/1/2019	10	1" and smaller	61	1/2" Plastic	46	\$ 2,224.45
Aldy-A	2940336	2801469	98		10/1/2019	10	1" and smaller	46	1/2" Plastic	38	\$ 1,685.28
Aldy-A	2882572	2844598	95		10/1/2019	10	1" and smaller	36	1/2" Plastic	40	\$ 1,819.55
Aldy-A	2882576	2844598	95		10/1/2019	10	1" and smaller	5	1/2" Plastic	-	\$ 1,009.65

...PRIVATE DATA ENDS]

[PRIVATE DATA BEGINS...]

Type	WR #	Related WR	Op District	ProjectName	Const Complete Date	Month	Size Installed	Total Footage Installed	Size & Type Retired	Total Footage Retired	Service Installation Cost
Aldy-A	2882568	2844598	95		10/1/2019	10	1" and smaller	110	1/2" Plastic	110	\$ 2,929.78
Aldy-A	2940329	2803469	98		10/2/2019	10	1/2" Plastic	-	1/2" Plastic	800.38	
Aldy-A	2881389	2844598	95		10/10/2019	10	1" and smaller	38	1/2" Plastic	35	\$ 2,228.65
Aldy-A	2880995	2844598	95		10/10/2019	10	1" and smaller	70	1/2" Plastic	35	\$ 2,491.87
Aldy-A	2881381	2844598	95		10/10/2019	10	1" and smaller	63	1/2" Plastic	35	\$ 2,898.78
Aldy-A	2881360	2844598	95		10/10/2019	10	1" and smaller	75	1/2" Plastic	35	\$ 2,875.63
Aldy-A	2881386	2844598	95		10/10/2019	10	1" and smaller	61	1/2" Plastic	35	\$ 2,631.28
Aldy-A	2880939	2844598	95		10/10/2019	10	1" and smaller	81	1/2" Plastic	35	\$ 2,910.04
Aldy-A	2880934	2844598	95		10/11/2019	10	1" and smaller	86	1/2" Plastic	35	\$ 2,864.63
Aldy-A	2881002	2844598	95		10/11/2019	10	1" and smaller	87	1/2" Plastic	35	\$ 2,909.46
Aldy-A	2880927	2844598	95		10/11/2019	10	1" and smaller	26	1/2" Plastic	31	\$ 1,822.93
Aldy-A	2880935	2844598	95		10/11/2019	10	1" and smaller	104	1/2" Plastic	55	\$ 3,164.52
Aldy-A	2880962	2844598	95		10/11/2019	10	1" and smaller	87	1/2" Plastic	10	\$ 2,711.51
Aldy-A	2880937	2844598	95		10/11/2019	10	1" and smaller	68	1/2" Plastic	10	\$ 2,891.84
Aldy-A	2880940	2844598	95		10/14/2019	10	1" and smaller	87	1/2" Plastic	55	\$ 3,174.34
Aldy-A	2881379	2844598	95		10/14/2019	10	1" and smaller	71	1/2" Plastic	10	\$ 2,725.34
Aldy-A	2881344	2844598	95		10/14/2019	10	1" and smaller	61	1/2" Plastic	10	\$ 2,688.71
Aldy-A	2881388	2844598	95		10/16/2019	10	1" and smaller	71	1/2" Plastic	10	\$ 2,711.08
Aldy-A	2977480	2844598	95		10/16/2019	10	1" and smaller	75	1/2" Plastic	8	\$ 2,687.00
Aldy-A	2881293	2844598	95		10/16/2019	10	1" and smaller	97	1/2" Plastic	55	\$ 3,551.22
Aldy-A	2881382	2844598	95		10/16/2019	10	1" and smaller	93	1/2" Plastic	10	\$ 3,220.23
Aldy-A	2881400	2844598	95		10/16/2019	10	1" and smaller	89	1/2" Plastic	55	\$ 3,169.66
Aldy-A	2881384	2844598	95		10/16/2019	10	1" and smaller	83	1/2" Plastic	10	\$ 2,933.23
Aldy-A	2881297	2844598	95		10/16/2019	10	1" and smaller	79	1/2" Plastic	55	\$ 2,934.92
Aldy-A	2881390	2844598	95		10/17/2019	10	1" and smaller	84	1/2" Plastic	143	\$ 2,866.89
Aldy-A	2881387	2844598	95		10/17/2019	10	1" and smaller	62	1/2" Plastic	143	\$ 2,407.17
Aldy-A	2881383	2844598	95		10/17/2019	10	1" and smaller	70	1/2" Plastic	162	\$ 2,738.49
Aldy-A	2881385	2844598	95		10/17/2019	10	1" and smaller	101	1/2" Plastic	30	\$ 3,188.75
Aldy-A	2881380	2844598	95		10/17/2019	10	1" and smaller	95	1/2" Plastic	50	\$ 3,179.33
Aldy-A	2881001	2844598	95		10/17/2019	10	1" and smaller	70	1/2" Plastic	95	\$ 2,871.51
Aldy-A	2881361	2844598	95		10/17/2019	10	1" and smaller	76	1/2" Plastic	128	\$ 2,702.86
Aldy-A	2880936	2844598	95		10/18/2019	10	1" and smaller	66	1/2" Plastic	150	\$ 2,576.59
Aldy-A	2880938	2844598	95		10/18/2019	10	1" and smaller	104	1/2" Plastic	30	\$ 3,312.09
Aldy-A	2880941	2844598	95		10/18/2019	10	1" and smaller	71	1/2" Plastic	125	\$ 3,105.44
Aldy-A	2881286	2844598	95		10/18/2019	10	1" and smaller	104	1/2" Plastic	30	\$ 3,675.72
Aldy-A	2881000	2844598	95		10/18/2019	10	1" and smaller	76	1/2" Plastic	142	\$ 2,889.31
Aldy-A	2881435	2844598	95		10/18/2019	10	1" and smaller	99	1/2" Plastic	30	\$ 3,228.73
Aldy-A	2963136	2844627	95		10/22/2019	10	1" and smaller	268	1" Plastic	262	\$ 2,486.39
Aldy-A	2963238	2844627	95		10/23/2019	10	1" and smaller	68	1/2" Plastic	70	\$ 1,558.85
Aldy-A	2963206	2844627	95		10/23/2019	10	1" and smaller	106	1" Plastic	100	\$ 2,774.62
Aldy-A	2962739	2844627	95		10/23/2019	10	1" and smaller	114	1/2" Plastic	121	\$ 2,706.57
Aldy-A	2963363	2844627	95		10/23/2019	10	1" and smaller	75	1/2" Plastic	70	\$ 1,490.40
Aldy-A	2963239	2844627	95		10/24/2019	10	1" and smaller	65	1/2" Plastic	62	\$ 2,215.93
Aldy-A	2962746	2844627	95		10/24/2019	10	1" and smaller	102	1/2" Plastic	107	\$ 2,535.98
Aldy-A	2963170	2844627	95		10/24/2019	10	1" and smaller	83	1" Plastic	150	\$ 1,492.35
Aldy-A	2962744	2844627	95		10/25/2019	10	1" and smaller	111	1/2" Plastic	113	\$ 2,876.36
Aldy-A	2962743	2844627	95		10/25/2019	10	1" and smaller	68	1/2" Plastic	53	\$ 1,480.57
Aldy-A	2963211	2693360	95		10/25/2019	10	1" and smaller	108	1" Plastic	102	\$ 2,649.80
Aldy-A	2858852	2851183	98		10/29/2019	10	1" and smaller	51	1/2" Plastic	52	\$ 1,788.14
Aldy-A	2858851	2851183	98		10/29/2019	10	1" and smaller	112	1/2" Plastic	119	\$ 2,810.37
Aldy-A	2858881	2851183	98		10/29/2019	10	1" and smaller	85	1/2" Plastic	88	\$ 2,240.91
Aldy-A	2858871	2851183	98		10/29/2019	10	1" and smaller	43	1/2" Plastic	49	\$ 1,795.72
Aldy-A	2984344	2844627	95		10/30/2019	10	1" and smaller	63	3/4" Steel	65	\$ 2,403.43
Aldy-A	2858868	2851183	98		10/30/2019	10	1" and smaller	45	1/2" Plastic	40	\$ 1,494.12
Aldy-A	2858873	2851183	98		10/30/2019	10	1" and smaller	102	1/2" Plastic	90	\$ 2,662.53
Aldy-A	2858889	2851183	98		10/30/2019	10	1" and smaller	99	1/2" Plastic	95	\$ 2,292.16
Aldy-A	2858891	2851183	98		10/30/2019	10	1" and smaller	85	1/2" Plastic	90	\$ 2,453.25
Aldy-A	2858883	2851183	98		10/30/2019	10	1" and smaller	89	1/2" Plastic	93	\$ 2,378.81
Aldy-A	2858888	2851183	98		10/30/2019	10	1" and smaller	84	1/2" Plastic	80	\$ 2,347.96
Aldy-A	2858877	2851183	98		10/30/2019	10	1" and smaller	81	1/2" Plastic	86	\$ 2,285.51
Aldy-A	2985548	2844627	95		10/31/2019	10	1" and smaller	118	3/4" Steel	247	\$ 2,784.29
Aldy-A	2962745	2844627	95		10/31/2019	10	1" and smaller	57	1/2" Plastic	48	\$ 1,792.10
Aldy-A	2858867	2851183	98		10/31/2019	10	1" and smaller	102	1/2" Plastic	99	\$ 2,618.05
Aldy-A	2858848	2851183	98		10/31/2019	10	1" and smaller	61	1/2" Plastic	60	\$ 2,077.98
Aldy-A	2858865	2851183	98		10/31/2019	10	1" and smaller	102	1/2" Plastic	102	\$ 2,662.53
Aldy-A	2858874	2851183	98		10/31/2019	10	1" and smaller	104	1/2" Plastic	108	\$ 2,722.81
Aldy-A	2983877	2844627	95		11/1/2019	11	1" and smaller	103	3/4" Steel	475	\$ 2,395.63
Aldy-A	2858836	2851183	98		11/1/2019	11	1" and smaller	120	1/2" Plastic	129	\$ 2,915.98
Aldy-A	2858844	2851183	98		11/1/2019	11	1" and smaller	92	1/2" Plastic	90	\$ 2,425.70
Aldy-A	2858843	2851183	98		11/2/2019	11	1" and smaller	98	1/2" Plastic	94	\$ 2,697.64
Aldy-A	2858845	2851183	98		11/2/2019	11	1" and smaller	99	1/2" Plastic	96	\$ 2,677.68
Aldy-A	2858835	2851183	98		11/4/2019	11	1" and smaller	87	1/2" Plastic	62	\$ 2,141.79
Aldy-A	2858837	2851183	98		11/4/2019	11	1" and smaller	144	1/2" Plastic	140	\$ 3,432.87
Aldy-A	2858839	2851183	98		11/4/2019	11	1" and smaller	99	1/2" Plastic	99	\$ 2,677.68
Aldy-A	2858841	2851183	98		11/4/2019	11	1" and smaller	96	1/2" Plastic	87	\$ 2,510.92
Aldy-A	2858838	2851183	98		11/4/2019	11	1" and smaller	88	1/2" Plastic	89	\$ 2,383.02
Aldy-A	2893274	2845757	95		11/5/2019	11	1" and smaller	69	1" Plastic	74	\$ 2,141.04
Aldy-A	2893303	2845757	95		11/5/2019	11	1" and smaller	122	1/2" Plastic	126	\$ 2,831.84
Aldy-A	2962043	2844627	95		11/6/2019	11	1" and smaller	37	1/2" Plastic	36	\$ 1,394.97
Aldy-A	2858869	2851183	98		11/6/2019	11	1" and smaller	92	1/2" Plastic	95	\$ 2,224.45
Aldy-A	2961871	2844627	95		11/7/2019	11	1" and smaller	90	1/2" Plastic	84	\$ 2,342.39
Aldy-A	2962493	2844627	95		11/7/2019	11	1" and smaller	36	1/2" Plastic	38	\$ 1,279.61
Aldy-A	2962492	2844627	95		11/7/2019	11	1" and smaller	40	1/2" Plastic	39	\$ 1,060.69
Aldy-A	2961862	2844627	95		11/7/2019	11	1" and smaller	86	1/2" Plastic	83	\$ 2,209.75
Aldy-A	2962890	2844627	95		11/7/2019	11	1" and smaller	40	1/2" Plastic	39	\$ 1,037.54
Aldy-A	2961870	2844627	95		11/7/2019	11	1" and smaller	85	1/2" Plastic	83	\$ 2,449.54
Aldy-A	2961999	2844627	95		11/8/2019	11	1" and smaller	97	1/2" Plastic	93	\$ 1,582.18
Aldy-A	2962369	2844627	95		11/8/2019	11	1" and smaller	34	1/2" Plastic	34	\$ 1,033.80
Aldy-A	2961868	2844627	95		11/8/2019	11	1" and smaller	87	1/2" Plastic	82	\$ 2,873.13
Aldy-A	2961872	2844627	95		11/11/2019	11	1" and smaller	110	1/2" Plastic	80	\$ 2,622.43
Aldy-A	2992591	2844627	95		11/11/2019	11	1" and smaller	40	1/2" Plastic	42	\$ 1,316.95
Aldy-A	2971707	2968818	89		11/18/2019	11	1" and smaller	38	1/2" Plastic	40	\$ 1,116.60
Aldy-A	2971704	2968818	89		11/18/2019	11	1" and smaller	93	1/2" Plastic	92	\$ 2,452.51
Aldy-A	2971705	2968818	89		11/18/2019	11	1" and smaller	68	1/2" Plastic	55	\$ 2,001.51
Aldy-A	2971706	2968818	89		11/18/2019	11	1" and smaller	141	1/2" Plastic	151	\$ 3,215.75
Aldy-A	2971708	2968818	89		11/19/2019	11	1" and smaller	128	1/2" Plastic	115	\$ 3,023.39
Aldy-A	2971712	2968818	89		11/19/2019	11	1" and smaller	82	1/2" Plastic	70	\$ 2,184.32
Aldy-A	2971709	2968818	89		11/19/2019	11	1" and smaller	143	1/2" Plastic	136	\$ 3,285.78
Aldy-A	2971746	2968818	89		11/19/2019	11	1" and smaller	124	1/2" Plastic	130	\$ 2,939.83
Aldy-A	2971711	2968818	89		11/19/2019	11	1" and smaller	117	1/2" Plastic	115	\$ 2,864.97

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Type	WR #	Related WR	Op District	ProjectName	Const Complete Date	Month	Size Installed	Total Footage Installed	Size & Type Retired	Total Footage Retired	Service Installation Cost	
Aldy-A	2971710	2968818	89		11/19/2019	11	1" and smaller	97	1/2" Plastic	107	5	2,551.02
Aldy-A	2971713	2968818	89		11/20/2019	11	1" and smaller	21	1/2" Plastic	21	5	1,249.03
Aldy-A	2995188	2968818	89		11/20/2019	11	1" and smaller	34	1/2" Plastic	122	5	1,463.63
Aldy-A	2973609	2968818	89		11/20/2019	11	1" and smaller	97	1/2" Plastic	109	5	2,589.04
Aldy-A	2971714	2968818	89		11/20/2019	11	1" and smaller	12	1/2" Plastic	12	5	1,278.94
Aldy-A	2973608	2968818	89		11/21/2019	11	1" and smaller	72	1/2" Plastic	64	5	1,290.41
Aldy-A	2973610	2968818	89		11/21/2019	11	1" and smaller	94	1/2" Plastic	87	5	2,422.32
Aldy-A	2994564	2968818	89		11/21/2019	11	1" and smaller	4	1" Plastic	11	5	634.64
Aldy-A	2973612	2968818	89		11/21/2019	11	1" and smaller	17	1/2" Plastic	24	5	1,026.11
Aldy-A	2973613	2968818	89		11/21/2019	11	1" and smaller	105	1/2" Plastic	112	5	2,603.18
Aldy-A	2973611	2968818	89		11/21/2019	11	1" and smaller	84	1/2" Plastic	103	5	2,261.42
Aldy-A	2995187	2968818	89		11/21/2019	11	1" and smaller	42	1/2" Plastic	54	5	1,603.95
Aldy-A	2973617	2968818	89		11/22/2019	11	1" and smaller	116	1/2" Plastic	114	5	2,899.23
Aldy-A	2973615	2968818	89		11/22/2019	11	1" and smaller	104	1/2" Plastic	105	5	2,714.64
Aldy-A	2996386	2968818	89		11/22/2019	11	1" and smaller	100	1/2" Plastic	102	5	1,935.05
Aldy-A	2973614	2968818	89		11/22/2019	11	1" and smaller	107	1/2" Plastic	101	5	2,751.72
Aldy-A	2973615	2968818	89		11/22/2019	11	1" and smaller	100	1/2" Plastic	90	5	2,635.75
Aldy-A	2997120	2846177	95		12/2/2019	12	1" and smaller	35	3/4" Steel	225	5	1,981.22
Aldy-A	2997193	2846177	95		12/2/2019	12	1" and smaller	68	1" Plastic	8	5	2,643.06
Aldy-A	2880943	2844598	95		12/4/2019	12	1" and smaller	72	1/2" Plastic	35	5	3,046.21
Aldy-A	2961946	2844627	95		12/4/2019	12	1" and smaller	35	1/2" Plastic	38	5	1,733.42
X-trube	2874080	2693360	95		3/25/2019	3	1" and smaller	38	1/2" Plastic	38	5	7,045.01
X-trube	2671558	2693360	97		4/22/2019	4	1" and smaller	41	3/4" Steel	44	5	2,428.07
X-trube	2671554	2693360	97		4/22/2019	4	1" and smaller	70	3/4" Steel	72	5	2,063.82
X-trube	2672211	2693360	97		4/23/2019	4	1" and smaller	93	3/4" Steel	97	5	2,944.74
X-trube	2671547	2693360	97		4/23/2019	4	1" and smaller	109	3/4" Steel	111	5	3,191.29
X-trube	2671533	2693360	97		4/23/2019	4	1" and smaller	88	1/2" Plastic	90	5	3,295.40
X-trube	2871967	2693360	97		4/23/2019	4	1" and smaller	86	3/4" Steel	88	5	2,845.05
X-trube	2671550	2693360	97		4/23/2019	4	1" and smaller	126	3/4" Steel	128	5	3,650.26
X-trube	2671542	2693360	97		4/24/2019	4	1" and smaller	80	1/2" Plastic	84	5	1,956.58
X-trube	2671536	2693360	97		4/24/2019	4	1" and smaller	100	1/2" Plastic	106	5	2,031.02
X-trube	2672192	2693360	97		4/24/2019	4	1" and smaller	117	3/4" Steel	121	5	3,232.16
X-trube	2875812	2693360	95		4/24/2019	4	1" and smaller	30	3/4" Steel	33	5	3,123.16
X-trube	2676676	2693360	97		4/25/2019	4	1" and smaller	125	3/4" Steel	129	5	3,013.99
X-trube	2672229	2693360	97		4/26/2019	4	1" and smaller	40	3/4" Steel	42	5	1,788.37
X-trube	2672225	2693360	97		4/26/2019	4	1" and smaller	36	3/4" Steel	38	5	1,653.86
X-trube	2672203	2693360	97		4/26/2019	4	1" and smaller	19	3/4" Steel	21	5	1,582.46
X-trube	2672217	2693360	97		4/29/2019	4	1" and smaller	118	3/4" Steel	120	5	2,566.49
X-trube	2672174	2693360	97		4/29/2019	4	1" and smaller	46	3/4" Steel	50	5	1,700.87
X-trube	2672170	2693360	97		4/29/2019	4	1" and smaller	52	3/4" Steel	56	5	2,060.72
X-trube	2659180	2693360	89		4/30/2019	4	1" and smaller	37	3/4" Steel	37	5	2,700.81
X-trube	2659182	2693360	89		4/30/2019	4	1" and smaller	42	3/4" Steel	48	5	1,962.45
X-trube	2672233	2693360	97		4/30/2019	4	1" and smaller	33	3/4" Steel	36	5	2,356.31
X-trube	2659183	2693360	89		5/1/2019	5	1" and smaller	150	3/4" Steel	166	5	3,933.19
X-trube	2659184	2693360	89		5/1/2019	5	1" and smaller	162	3/4" Steel	164	5	3,113.99
X-trube	2749578	2693360	97		5/1/2019	5	1" and smaller	136	3/4" Steel	195	5	3,415.76
X-trube	2522780	2693360	97		5/1/2019	5	1" and smaller	110	3/4" Steel	90	5	3,320.33
X-trube	2672180	2693360	97		5/1/2019	5	1" and smaller	24	3/4" Steel	28	5	1,673.45
X-trube	2522788	2693360	97		5/1/2019	5	1" and smaller	81	3/4" Steel	85	5	2,018.80
X-trube	2883099	2693360	95		5/1/2019	5	1" and smaller	40	3/4" Steel	45	5	2,626.83
X-trube	2655493	2693360	89		5/2/2019	5	1" and smaller	21	3/4" Steel	46	5	1,807.57
X-trube	2671456	2693360	97		5/2/2019	5	1" and smaller	83	3/4" Steel	86	5	2,201.09
X-trube	2672196	2693360	97		5/2/2019	5	1" and smaller	39	3/4" Steel	42	5	1,824.80
X-trube	2551744	2693360	97		5/3/2019	5	1" and smaller	111	1/2" Plastic	113	5	4,801.78
X-trube	2672214	2693360	97		5/3/2019	5	1" and smaller	34	3/4" Steel	36	5	1,728.97
X-trube	2672242	2693360	97		5/6/2019	5	1" and smaller	128	3/4" Steel	129	5	3,276.12
X-trube	2672241	2693360	97		5/7/2019	5	1" and smaller	80	3/4" Steel	84	5	3,278.01
X-trube	2883757	2693360	95		5/7/2019	5	1" and smaller	84	3/4" Steel	84	5	3,010.16
X-trube	2878554	2693360	97		5/8/2019	5	1" and smaller	51	3/4" Steel	55	5	3,123.05
X-trube	2672221	2693360	97		5/8/2019	5	1" and smaller	92	3/4" Steel	96	5	3,690.39
X-trube	2672257	2693360	97		5/8/2019	5	1" and smaller	71	3/4" Steel	73	5	2,511.56
X-trube	2672246	2693360	97		5/9/2019	5	1" and smaller	73	3/4" Steel	78	5	3,978.88
X-trube	2889748	2693360	95		5/9/2019	5	1" and smaller	70	3/4" Steel	70	5	2,853.95
X-trube	2887067	2693360	97		5/10/2019	5	1" and smaller	47	3/4" Steel	49	5	2,262.19
X-trube	2887068	2693360	97		5/10/2019	5	1" and smaller	47	3/4" Steel	48	5	3,323.44
X-trube	2654953	2693360	89		5/13/2019	5	1" and smaller	77	3/4" Steel	77	5	2,687.70
X-trube	2583329	2693360	89		5/13/2019	5	1" and smaller	91	3/4" Steel	95	5	2,850.13
X-trube	2591190	2693360	89		5/13/2019	5	1" and smaller	77	3/4" Steel	91	5	2,325.28
X-trube	2654930	2693360	89		5/13/2019	5	1" and smaller	74	3/4" Steel	74	5	2,766.79
X-trube	2654926	2693360	89		5/13/2019	5	1" and smaller	73	3/4" Steel	103	5	2,039.25
X-trube	2654957	2693360	89		5/13/2019	5	1" and smaller	84	3/4" Steel	84	5	1,988.02
X-trube	2654913	2693360	89		5/13/2019	5	1" and smaller	91	3/4" Steel	90	5	3,120.52
X-trube	2654924	2693360	89		5/13/2019	5	1" and smaller	74	3/4" Steel	74	5	2,340.36
X-trube	2654948	2693360	89		5/13/2019	5	1" and smaller	90	3/4" Steel	90	5	2,092.71
X-trube	2654931	2693360	89		5/13/2019	5	1" and smaller	81	3/4" Steel	81	5	2,069.36
X-trube	2654916	2693360	89		5/13/2019	5	1" and smaller	90	3/4" Steel	89	5	3,269.65
X-trube	2654920	2693360	89		5/13/2019	5	1" and smaller	68	3/4" Steel	88	5	4,259.78
X-trube	2654928	2693360	89		5/13/2019	5	1" and smaller	62	3/4" Steel	60	5	2,092.05
X-trube	2730043	2693360	89		5/13/2019	5	1" and smaller	40	3/4" Steel	46	5	1,957.15
X-trube	2654951	2693360	89		5/14/2019	5	1" and smaller	44	3/4" Steel	44	5	3,216.95
X-trube	2655503	2693360	89		5/14/2019	5	1" and smaller	91	3/4" Steel	95	5	2,989.86
X-trube	2669208	2693360	89		5/15/2019	5	1" and smaller	31	3/4" Steel	33	5	2,316.25
X-trube	2669209	2693360	89									

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Type	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	90	3/4" Steel	90	2,998.61
X-trube	2675977	2693360	89		5/23/2019	5	1" and smaller	120	3/4" Steel	120	4,625.83
X-trube	2675972	2693360	89		5/23/2019	5	1" and smaller	17	3/4" Steel	17	1,720.00
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	2669272	2693360	89		5/29/2019	5	1" and smaller	66	3/4" Steel	66	3,849.45
X-trube	2669271	2693360	89		5/29/2019	5	1" and smaller	97	3/4" Steel	92	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	2669181	2693360	89		5/31/2019	5	1" and smaller	12	3/4" Steel	12	4,583.46
X-trube	2897244	2693360	89		6/3/2019	6	1" and smaller	212	5/8" Copper	217	3,187.35
X-trube	2684724	2693360	89		6/4/2019	6	1" and smaller	101	3/4" Steel	82	3,182.80
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	2889885	2693360	95		6/10/2019	6	1" and smaller	108	3/4" Steel	108	3,440.92
X-trube	2889867	2693360	95		6/11/2019	6	1" and smaller	90	3/4" Steel	90	2,848.68
X-trube	2883160	2693360	95		6/12/2019	6	1" and smaller	78	3/4" Steel	79	3,076.60
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	2913908	2693360	95		7/11/2019	7	1" and smaller	54	1/2" Plastic	53	1,892.98
X-trube	2883140	2693360	95		7/12/2019	7	1" and smaller	60	3/4" Steel	60	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	2912487	2904175	89		8/9/2019	8	1" and smaller	89	1/2" Plastic	49	2,820.98
X-trube	2918948	2693360	89		8/22/2019	8	1" and smaller	103	3/4" Steel	103	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	2872005	2693360	97		9/16/2019	9	1" and smaller	18	3/4" Steel	19	1,605.27
X-trube	2937115	2693360	97		9/16/2019	9	1" and smaller	31	3/4" Steel	31	1,635.77
X-trube	2947701	2693360	95		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	2945353	2693360	95		9/20/2019	9	1" and smaller	88	3/4" Steel	80	3,033.77
X-trube	2944343	2693360	95		9/20/2019	9	1" and smaller	69	3/4" Steel	84	2,945.86
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	2946828	2693360	95		9/23/2019	9	1" and smaller	42	3/4" Steel	42	1,963.75
X-trube	2946889	2693360	95		9/24/2019	9	1" and smaller	61	3/4" Steel	76	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	2948065	2693360	95		9/24/2019	9	1" and smaller	63	3/4" Steel	66	2,716.39
X-trube	2948064	2693360	95		9/25/2019	9	1" and smaller	79	3/4" Steel	79	3,012.34
X-trube	2946687	2693360	95		9/25/2019	9	1" and smaller	67	3/4" Steel	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	95		9/26/2019	9	1" and smaller	68	3/4" Steel	68	2,920.77
X-trube	2951385	2693360	95		9/26/2019	9	1" and smaller	37	3/4" Steel	40	1,840.50
X-trube	2943628	2693360	95		9/28/2019	9	1" and smaller	78	3/4" Steel	89	3,539.73
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	79	3,120.20
X-trube	2945634	2693360	95		9/30/2019	9	1" and smaller	65	1/2" Plastic	65	2,879.10
X-trube	2946683	2693360	95		9/30/2019	9	1" and smaller	69	3/4" Steel	72	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	2947727	2693360	95		10/4/2019	10	1" and smaller	73	3/4" Steel	73	2,873.71
X-trube	2947703	2693360	95		10/4/2019	10	1" and smaller	82	3/4" Steel	90	3,270.82
X-trube	2948368	2693360	95		10/4/2019	10	1" and smaller	81	3/4" Steel	88	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	2946574	2693360	95		10/7/2019	10	1" and smaller	46	3/4" Steel	46	1,941.52
X-trube	2947432	2693360	95		10/7/2019	10	1" and smaller	72	3/4" Steel	72	2,588.70
X-trube	2945748	2693360	95		10/7/2019	10	1" and smaller	65	1/2" Plastic	65	2,889.38
X-trube	2945347	2693360	95		10/7/2019	10	1" and smaller	76	3/4" Steel	76	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	2961205	2693360	95		10/8/2019	10	1" and smaller	67	1/2" Plastic	80	1,608.17
X-trube	2968988	2693360	95		10/8/2019	10	1" and smaller	93	1/2" Plastic	288	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		10/9/2019	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	2945826	2693360	95		10/9/2019	10	1" and smaller	35	3/4" Steel	35	2,516.41
X-trube	2945754	2693360	95		10/9/2019	10	1" and smaller	-	1/2" Plastic	81	888.16
X-trube	2945752	2693360	95		10/9/2019	10	1" and smaller	36	1/2" Plastic	36	2,448.37
X-trube	2947898	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	2947392	2693360	95		10/9/2019	10	1" and smaller	20	3/4" Steel	19	2,115.77
X-trube	2947700	2693360	95		10/11/2019	10	1" and smaller	56	3/4" Steel	56	2,785.51
X-trube	2947723	2693360	95		10/11/2019	10	1" and smaller	66	3/4" Steel	74	2,357.25
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	2943611	2693360	95		10/12/2019	10	1" and smaller	75	1/2" Plastic	75	2,574.51
X-trube	2946607	2693360	95		10/14/2019	10	1" and smaller	117	3/4" Steel	117	3,646.96
X-trube	2947731	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	3,139.09
X-trube	2945628	2693360	95		10/15/2019	10	1" and smaller	29	3/4" Steel	29	2,440.03
X-trube	2947729	2693360	95		10/15/2019	10	1" and smaller	118	3/4" Steel	133	2,517.58
X-trube	2947370	2693360	95		10/17/2019	10	1" and smaller	59	1/2" Plastic	59	1,937.19

...PRIVATE DATA ENDS]

[PRIVATE DATA BEGINS...]

Type	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	2945747	2693360	95		10/17/2019	10	1" and smaller	72	1/2" Plastic	72	\$ 3,096.14
X-trube	2945369	2693360	95		10/17/2019	10	1" and smaller	58	3/4" Steel	58	\$ 2,160.94
X-trube	2946873	2693360	95		10/17/2019	10	1" and smaller	99	3/4" Steel	106	\$ 2,935.09
X-trube	2946832	2693360	95		10/17/2019	10	1" and smaller	17	3/4" Steel	17	\$ 1,895.39
X-trube	2945814	2693360	95		10/18/2019	10	1" and smaller	30	3/4" Steel	39	\$ 2,467.97
X-trube	2945694	2693360	95		10/18/2019	10	1" and smaller	67	1/2" Plastic	67	\$ 2,792.67
X-trube	2946831	2693360	95		10/18/2019	10	1" and smaller	75	3/4" Steel	80	\$ 2,049.00
X-trube	2948370	2693360	95		10/18/2019	10	1" and smaller	50	3/4" Steel	50	\$ 2,441.74
X-trube	2947726	2693360	95		10/19/2019	10	1" and smaller	61	3/4" Steel	61	\$ 2,836.77
X-trube	2945749	2693360	95		10/22/2019	10	1" and smaller	72	1/2" Plastic	72	\$ 2,184.61
X-trube	2945755	2693360	95		10/22/2019	10	1" and smaller	54	1/2" Plastic	54	\$ 2,653.08
X-trube	2947399	2693360	95		10/22/2019	10	1" and smaller	21	3/4" Steel	21	\$ 1,840.78
X-trube	2944890	2693360	95		10/23/2019	10	1" and smaller	84	3/4" Steel	84	\$ 2,268.58
X-trube	2945753	2693360	95		10/23/2019	10	1" and smaller	82	1/2" Plastic	85	\$ 2,359.92
X-trube	2945824	2693360	95		10/23/2019	10	1" and smaller	86	3/4" Steel	86	\$ 3,667.53
X-trube	2945757	2693360	95		10/24/2019	10	1" and smaller	77	1/2" Plastic	82	\$ 3,271.95
X-trube	2947655	2693360	95		10/25/2019	10	1" and smaller	57	3/4" Steel	214	\$ 1,799.24
X-trube	2947666	2693360	95		10/25/2019	10	1" and smaller	34	3/4" Steel	53	\$ 1,864.25
X-trube	2986350	2693360	95		10/25/2019	10	1" and smaller	52	1/2" Plastic	52	\$ 3,083.38
X-trube	2927069	2693360	95		10/28/2019	10	1" and smaller	52	1/2" Plastic	55	\$ 3,035.60
X-trube	2947697	2693360	95		10/28/2019	10	1" and smaller	82	3/4" Steel	82	\$ 3,164.34
X-trube	2948371	2693360	95		10/28/2019	10	1" and smaller	53	3/4" Steel	53	\$ 2,052.30
X-trube	2960609	2956841	95		10/28/2019	10	1" and smaller	110	1/2" Plastic	88	\$ 1,534.14
X-trube	2949494	2693360	95		11/21/2019	11	1" and smaller	70	3/4" Steel	70	\$ 2,228.79
Aldyl-A	2894924	2844610	95		5/13/2019	5	1" and smaller	253	1/2" Plastic	621	\$ 4,978.13
Aldyl-A	2922593	2906370	98		7/26/2019	7	1" and smaller	89	1/2" Plastic	83	\$ 2,414.85
Aldyl-A	2922592	2906370	98		7/26/2019	7	1" and smaller	84	1/2" Plastic	175	\$ 2,332.49
Aldyl-A	2922594	2906370	98		7/31/2019	7	1" and smaller	180	1/2" Plastic	115	\$ 3,612.48
Aldyl-A	2916717	2906370	98		7/31/2019	7	1" and smaller	22	1/2" Plastic	32	\$ 1,204.79
Aldyl-A	2922595	2906370	98		8/13/2019	8	1" and smaller	87	1/2" Plastic	81	\$ 2,381.63
Aldyl-A	2916716	2906370	98		8/14/2019	8	1" and smaller	55	1/2" Plastic	70	\$ 1,894.21
Total								53,271		\$	1,726,180.88
										Service Internal Labor Cost	\$ 178,138.48
											\$ 1,904,319.36

...PRIVATE DATA ENDS]



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

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): dorothea.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: 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, 2020
Response by: Lindsay Lyle
Email Address: lindsay.lyle@minnesotaenergyresources.com
Phone Number: 651-322-8909



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

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:

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-
- 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."
- (1) 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, 2020

Response by: Lindsay Lyle

Email Address: lindsay.lyle@minnesotaenergyresources.com

Phone Number: 651-322-8909



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

Docket Number: G011/M-20-405

Requested From: Minnesota Energy Resources Corporation

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☐ 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:

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-
- 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, 2020

Response by: Lindsay Lyle

Email Address: lindsay.lyle@minnesotaenergyresources.com

Phone Number: 651-322-8909



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

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

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Assigned Analyst(s): Dorothy Morrissey

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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, 2020

Response by: Lindsay Lyle

Email Address: lindsay.lyle@minnesotaenergyresources.com

Phone Number: 651-322-8909



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

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.

-
- (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, 2020

Response by: Lindsay Lyle

Email Address: lindsay.lyle@minnesotaenergyresources.com

Phone Number: 651-322-8909



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

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:

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-
- 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, 2020

Response by: Lindsay Lyle

Email Address: lindsay.lyle@minnesotaenergyresources.com

Phone Number: 651-322-8909



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

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.

Request Number: 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, 2020

Response by: Sara Sloan

Email Address: Sara.Sloan@minnesotaenergyresources.com

Phone Number: 651-322-8920



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

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.

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, 2020

Response by: Sara Sloan

Email Address: Sara.Sloan@minnesotaenergyresources.com

Phone Number: 651-322-8920



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

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, 2020

Response by: Sara Sloan

Email Address: Sara.Sloan@minnesotaenergyresources.com

Phone Number: 651-322-8920



Minnesota Department of Commerce
85 7th Place East | Suite 280 | St. Paul, MN 55101
Information Request

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, 2020

Response by: Lindsay Lyle

Email Address: lindsay.lyle@minnesotaenergyresources.com

Phone 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 www.edockets.state.mn.us. 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.com	Dorsey & Whitney, LLP	50 S 6th St Ste 1500 Minneapolis, MN 554021498	Electronic Service	No	OFF_SL_20-405_M-20-405
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.state.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@wecenergygroup.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.com	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@wecenergygroup.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.state.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.com	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@wecenergygroup.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@wecenergygroup.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@wecenergygroup.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