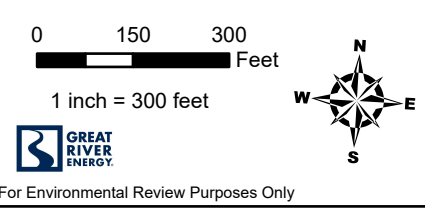
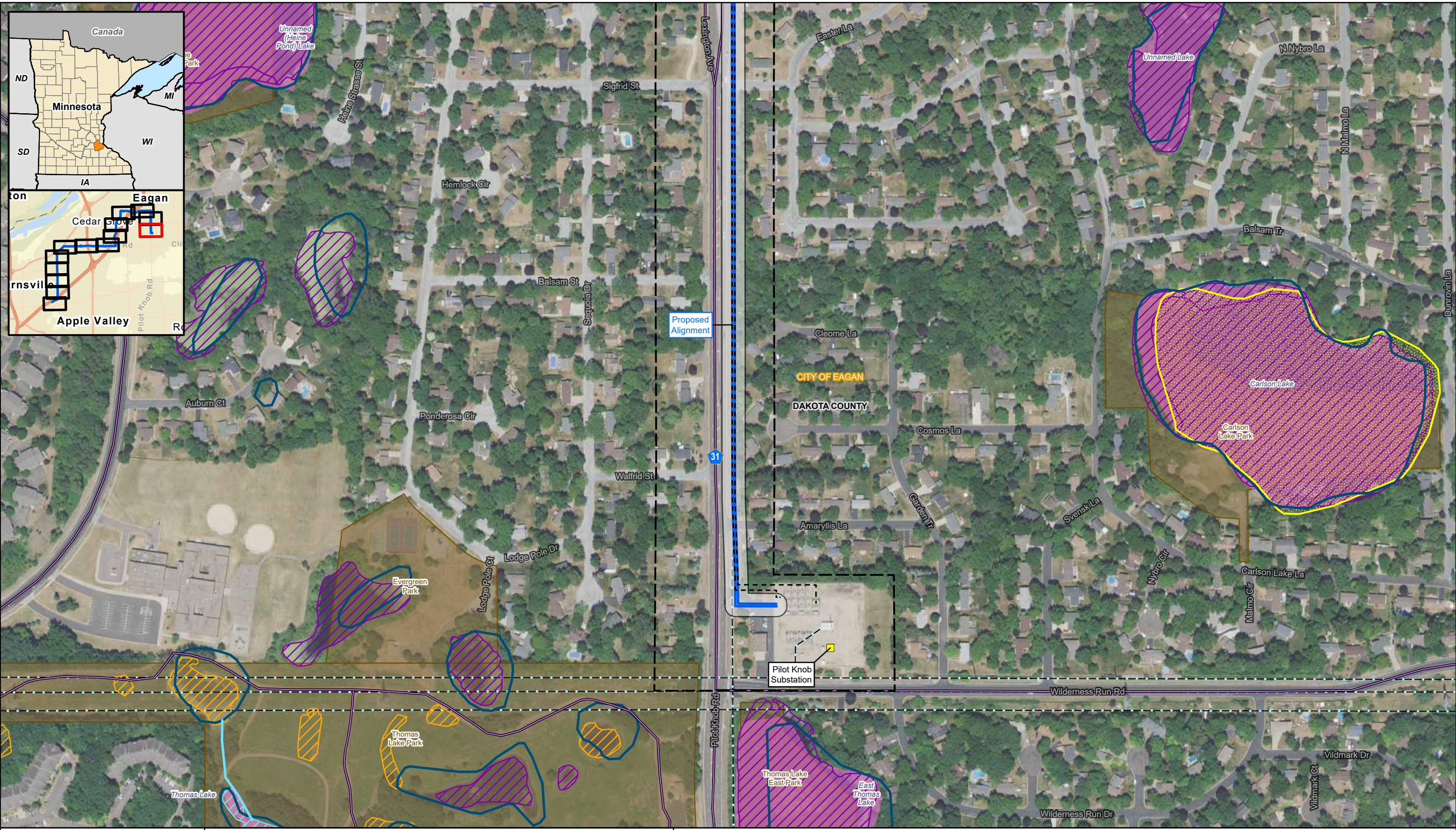


Appendix A
Detailed Route Maps



Appendix A

Pilot Knob to Burnsville Rebuild and Upgrade Project

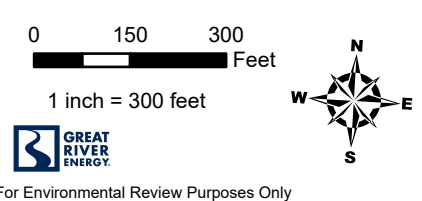
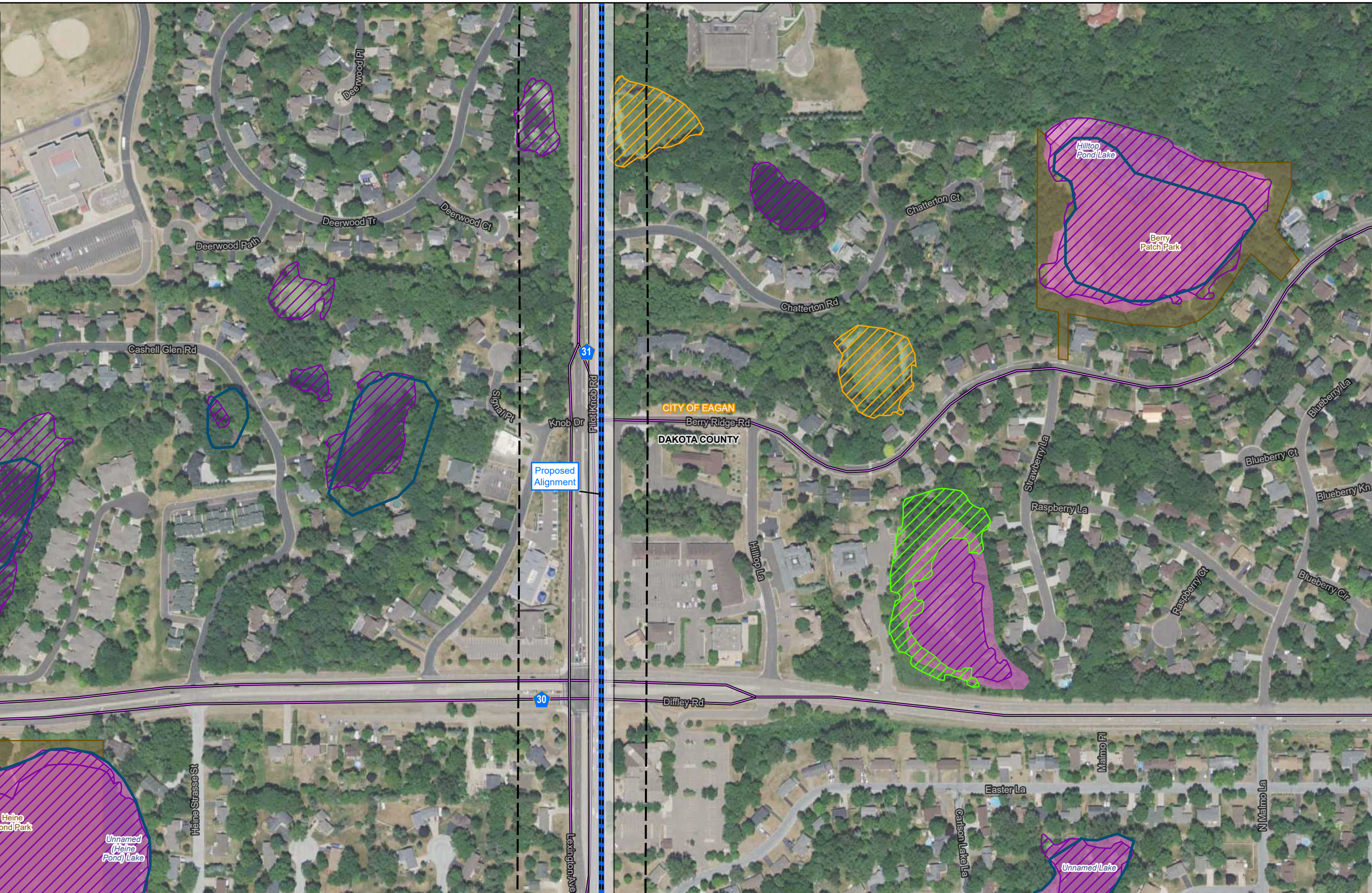
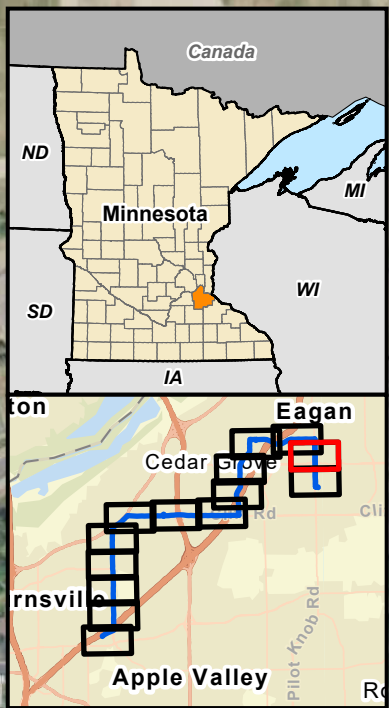
Detailed Route Maps

Dakota County, Minnesota

Page 1 of 14

Proposed Alignment	MDR Hydrography Dataset Lake/Pond	NWI Wetland	Existing Natural Gas Pipeline	Railroad
70ft Right-of-Way	PWI Basin	Freshwater Emergent Wetland	Existing Transmission Line	Bike Trail
Proposed Route Width	Impaired Lake (2022)	Freshwater Pond	Local Park/Recreation Area	City Boundary
Existing Substation	Lake	Lake	County Highway	County Boundary
Burnsville Substation Expansion	MDR Hydrography Dataset Watercourse		State Highway	Interstate

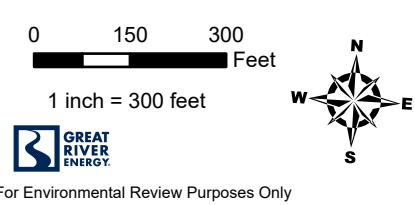
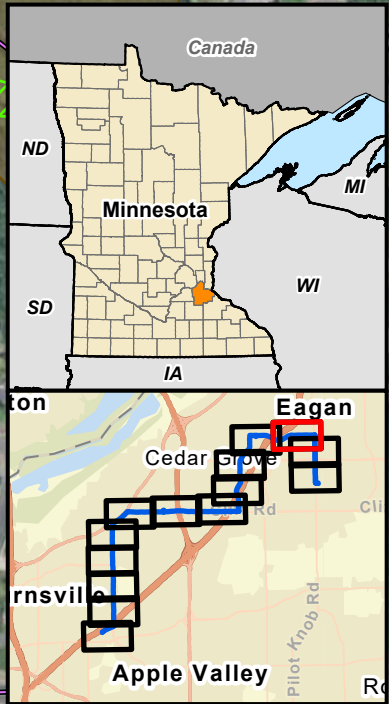
Source: Z:\Clients\E_HYGRE\Pilot_Knob\ArcGIS\Permitting\State\PUC\Route_Permit\202309\Figures\PilotKnob_RP.aprx Date: (10/19/2023)



Appendix A
Pilot Knob to Burnsville Rebuild and Upgrade Project
Detailed Route Maps
Dakota County, Minnesota
Page 2 of 14

Proposed Alignment	PWI Basin	Existing Natural Gas Pipeline	Interstate
70ft Right-of-Way	NWI Wetland	Existing Transmission Line	Railroad
Proposed Route Width	Freshwater Emergent Wetland	Local Park/Recreation Area	Bike Trail
Burnsville Substation Expansion	Freshwater Forested Wetland	County Highway	City Boundary
MDNR Hydrography Dataset Lake/Pond	Freshwater Pond	State Highway	County Boundary

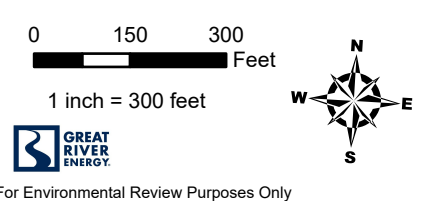
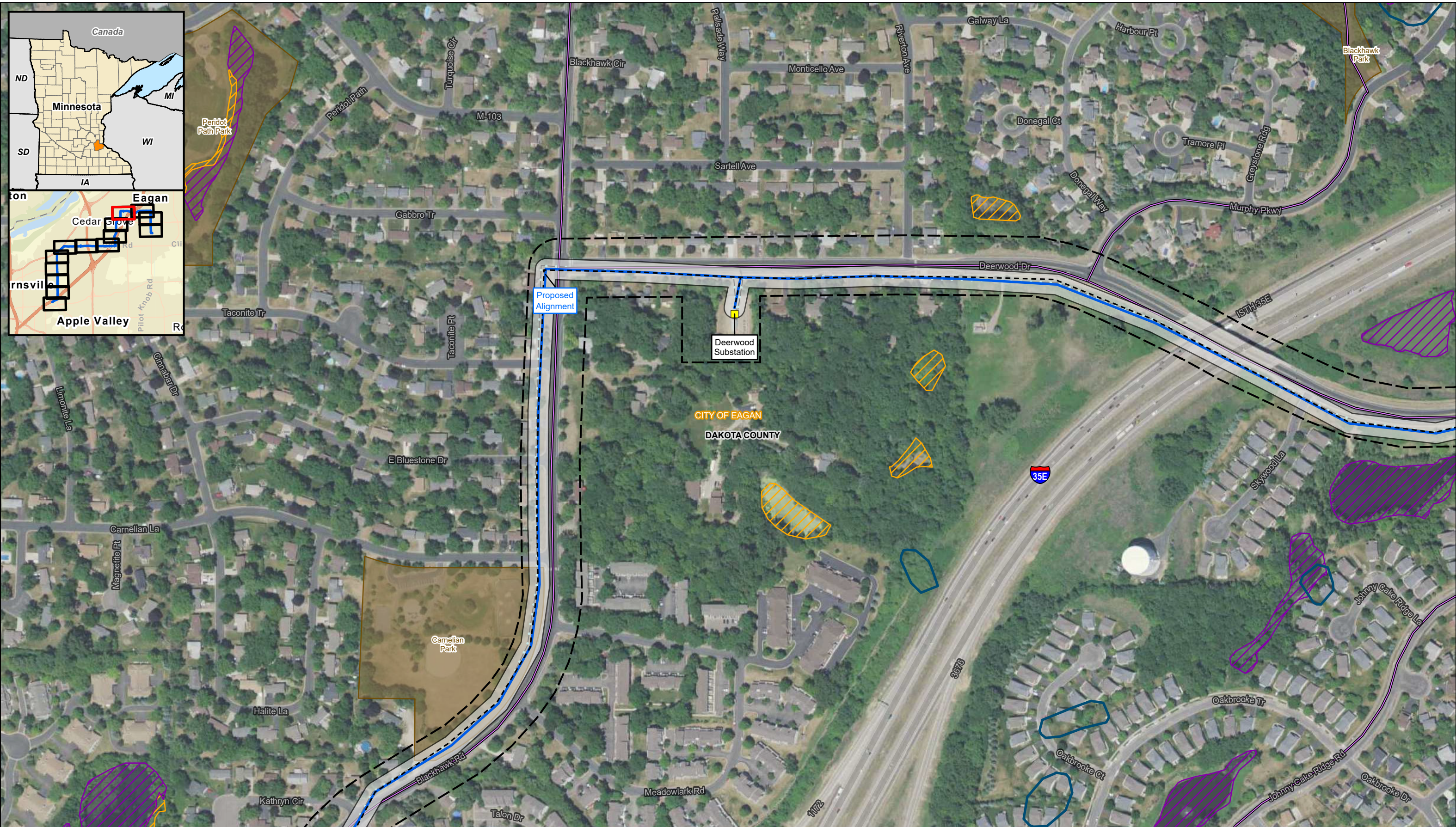
Date: 10/19/2023 Source: Z:\Clients\E_HYGRE\Pilot_Knob\ArcGIS\Permitting\State\PUC\Route_Permit\2022059\Figures\PilotKnob_RP.aprx



Appendix A
Pilot Knob to Burnsville Rebuild and Upgrade Project
Detailed Route Maps
Dakota County, Minnesota
Page 3 of 14

Proposed Alignment	Freshwater Emergent Wetland	Existing Natural Gas Pipeline	Interstate
70ft Right-of-Way	Freshwater Forested Wetland	Existing Transmission Line	Railroad
Proposed Route Width	Freshwater Pond	Local Park/Recreation Area	Bike Trail
Burnsville Substation Expansion	MDNR Hydrography Dataset Lake/Pond	County Highway	City Boundary
		State Highway	County Boundary

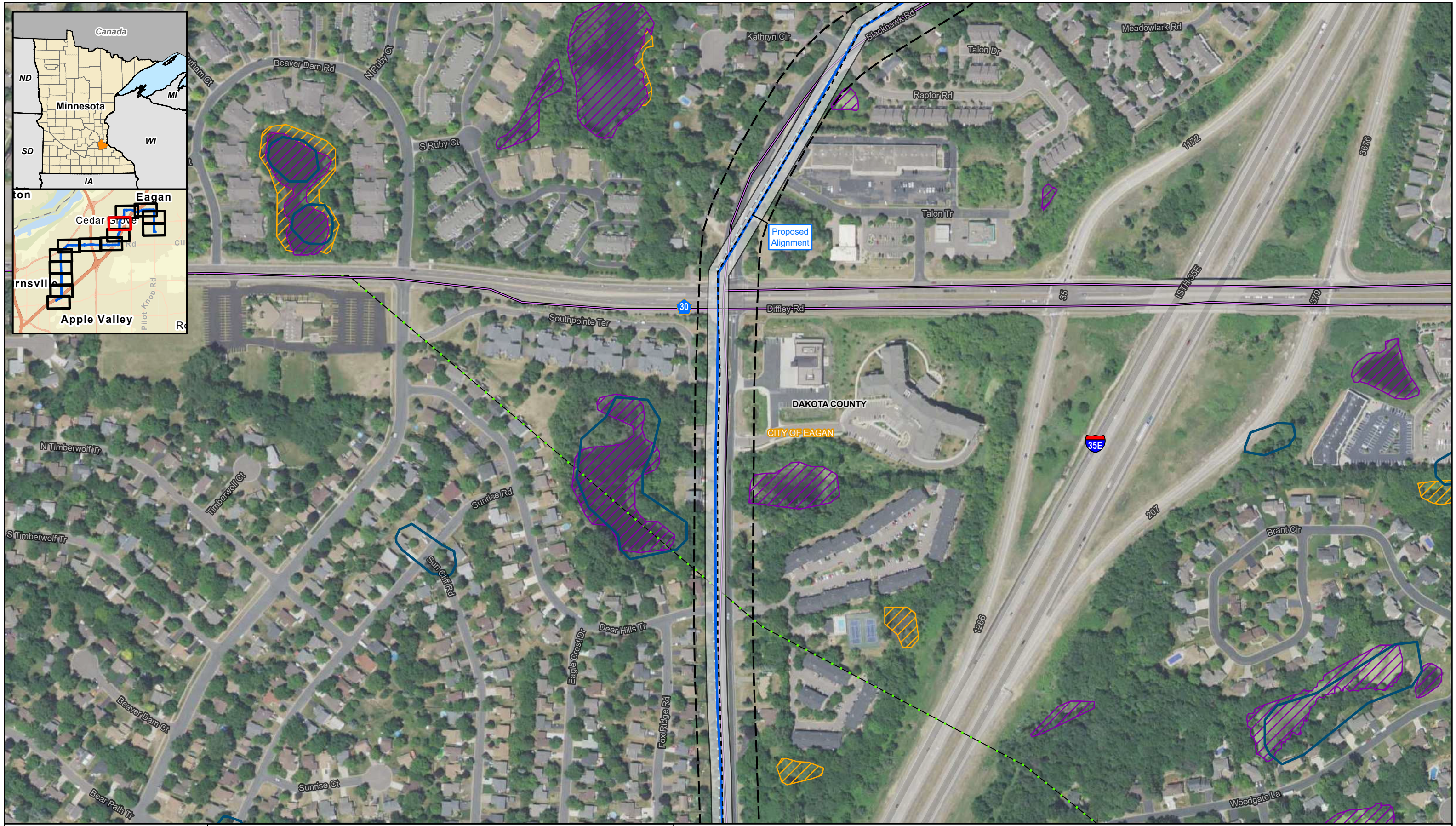
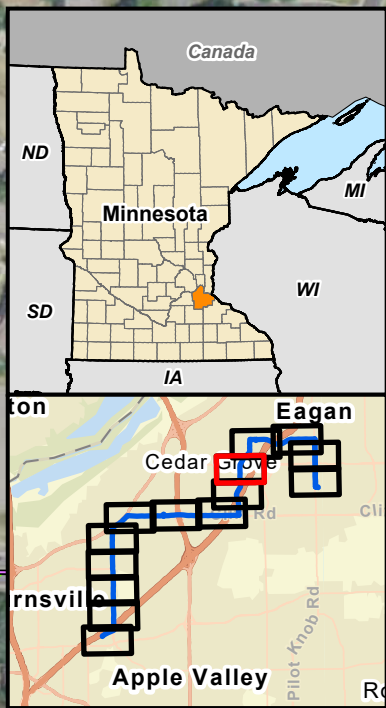
Source: Z:\Clients\E_HYGRE\Pilot_Knob\ArcGIS\Permitting\State\PUCRoute_Permit(202209)\Figures\PilotKnob_RP.aprx
 Date: 10/19/2023



Appendix A
Pilot Knob to Burnsville Rebuild and Upgrade Project
Detailed Route Maps
Dakota County, Minnesota
Page 4 of 14

Proposed Alignment	MDNR Hydrography Dataset Lake/Pond	Existing Natural Gas Pipeline	Interstate
70ft Right-of-Way	NWI Wetland	Existing Transmission Line	Railroad
Proposed Route Width	Freshwater Emergent Wetland	Local Park/Recreation Area	Bike Trail
Existing Substation	Freshwater Pond	County Highway	City Boundary
Burnsville Substation Expansion		State Highway	County Boundary

Date: 10/19/2023
 Source: Z:\Clients\E_HYDRE\Pilot_Knob\ArcGIS\Permitting\State\PUC\Route_Permit\202309\Figures\PilotKnob_RP.aprx



0 150 300 Feet
1 inch = 300 feet

For Environmental Review Purposes Only

Appendix A

Pilot Knob to Burnsville Rebuild and Upgrade Project

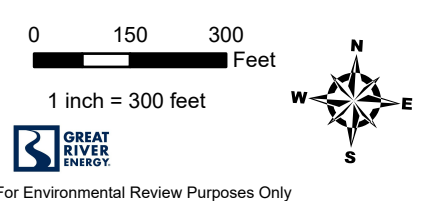
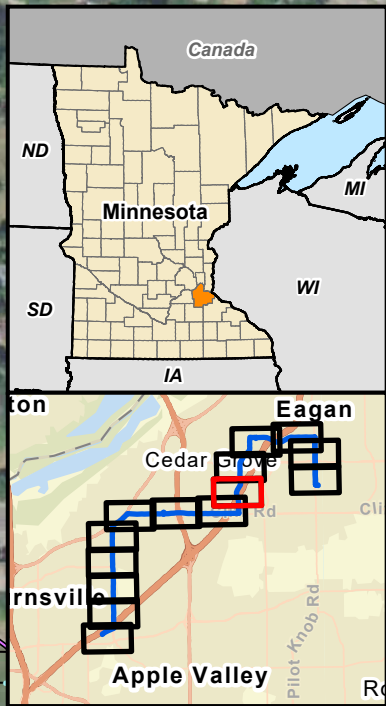
Detailed Route Maps

Dakota County, Minnesota

Page 5 of 14

Proposed Alignment	MDNR Hydrography Dataset Lake/Pond	Existing Natural Gas Pipeline	Interstate	County Boundary
70ft Right-of-Way	NWI Wetland	Existing Transmission Line	Railroad	
Proposed Route Width	Freshwater Emergent Wetland	County Highway	Bike Trail	
Burnsville Substation Expansion	Freshwater Pond	State Highway	City Boundary	

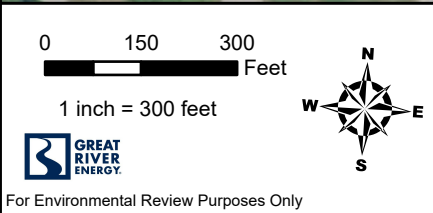
Source: Z:\Clients\E_HYGRE\Pilot_Knob\ArcGIS\Permitting\State\PUC\Route_Permit\20220509\Figures\PilotKnob_RP.aprx Date: (10/19/2023)



Appendix A
Pilot Knob to Burnsville Rebuild and Upgrade Project
Detailed Route Maps
Dakota County, Minnesota
Page 6 of 14

- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Proposed Alignment 70ft Right-of-Way Proposed Route Width Burnsville Substation Expansion MDNR Hydrography Dataset Lake/Pond PWI Basin | <ul style="list-style-type: none"> NWI Wetland Freshwater Emergent Wetland Freshwater Forested Wetland Freshwater Pond Freshwater Shrub Wetland Freshwater Shrub/Emergent Wetland | <ul style="list-style-type: none"> Existing Natural Gas Pipeline Existing Transmission Line Local Park/Recreation Area County Highway State Highway Interstate | <ul style="list-style-type: none"> Railroad Bike Trail City Boundary County Boundary |
|---|---|--|--|

Date: (10/19/2023) Source: Z:\Clients\E_HYDRE\Pilot_Knob\ArcGIS\Permitting\State\PUC\Route_Permit\202309\Figures\PilotKnob_RP.aprx



Appendix A
Pilot Knob to Burnsville Rebuild and Upgrade Project
Detailed Route Maps
Dakota County, Minnesota
Page 7 of 14

<ul style="list-style-type: none"> Proposed Alignment 70ft Right-of-Way Proposed Route Width Burnsville Substation Expansion MDNR Hydrography Dataset Lake/Pond PWI Basin 	<ul style="list-style-type: none"> NWI Wetland Freshwater Emergent Wetland Freshwater Forested Wetland Freshwater Pond Freshwater Shrub Wetland Freshwater Shrub/Emergent Wetland 	<ul style="list-style-type: none"> Existing Natural Gas Pipeline Existing Transmission Line Local Park/Recreation Area County Highway State Highway Interstate 	<ul style="list-style-type: none"> Railroad Bike Trail City Boundary County Boundary
---	---	--	--

Date: (10/19/2023) Source: Z:\Clients\E_HYGRE\Pilot_Knob\ArcGIS\Permitting\State\PUC\Route_Permit\20220509\Figures\PilotKnob_RP.aprx