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# 2024 MILL & OVERLAY AND FULL DEPTH RECLAMATION IMPROVEMENTS PROJECT

## **MUNICIPAL PROJECT NO. 4424**

## **FEASIBILITY REPORT**

Council Approval Date:

**Prepared for** City of Baxter

WIDSETH No. 2023-10353

Engineering Architecture Surveying Environmental

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I hereby certify that this report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Alex Bitter License Number Date
Professional Engineer

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### **FEASIBILITY REPORT**

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#### STATEMENT OF PURPOSE

The purpose of this Report is to review the feasibility of improving various roadway segments within the municipal limits as part of the City of Baxter's ongoing pavement management program. Residential and commercial roadways are scheduled for maintenance improvements in 2024. On March 7, 2023, the City Council authorized Widseth to complete a Feasibility Report relative to these improvements.

Roadways and projects reviewed in this Report include:

#### Residential Mill & Overlay:

- Jepson Road in its entirety.
- Kingwood Drive in its entirety.
- Interlacken Road in its entirety.
- Knollwood Court in its entirety.
- Fairfax Road in its entirety.
- Fairfax Court in its entirety.
- Fairmont Court in its entirety.
- Edmonton Road in its entirety.
- Cottage Grove Drive in its entirety.
- Northwoods Drive in its entirety.
- Camden Road in its entirety.
- Donald Street in its entirety.
- Parkwood Drive (Mountain Ash Drive to Kingwood Drive)
- Kenwood Drive (Fairview Road to 1,590' north of Fairview Road)
- Knollwood Drive (Fairview Road to Donald Street)
- Cherrywood Drive (Inglewood Drive to Excelsior Road)

#### Residential Full Depth Reclamation:

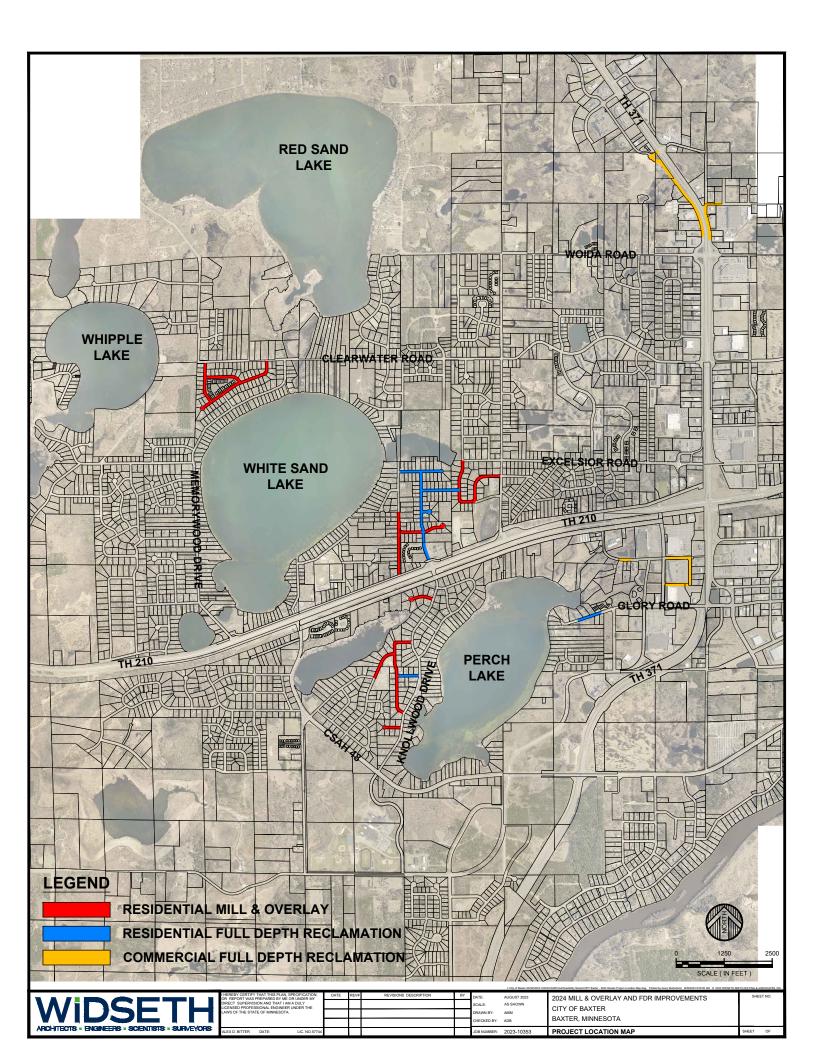
• Glory Road (1,600' west of Isle Drive to 1,125' west of Isle Drive)

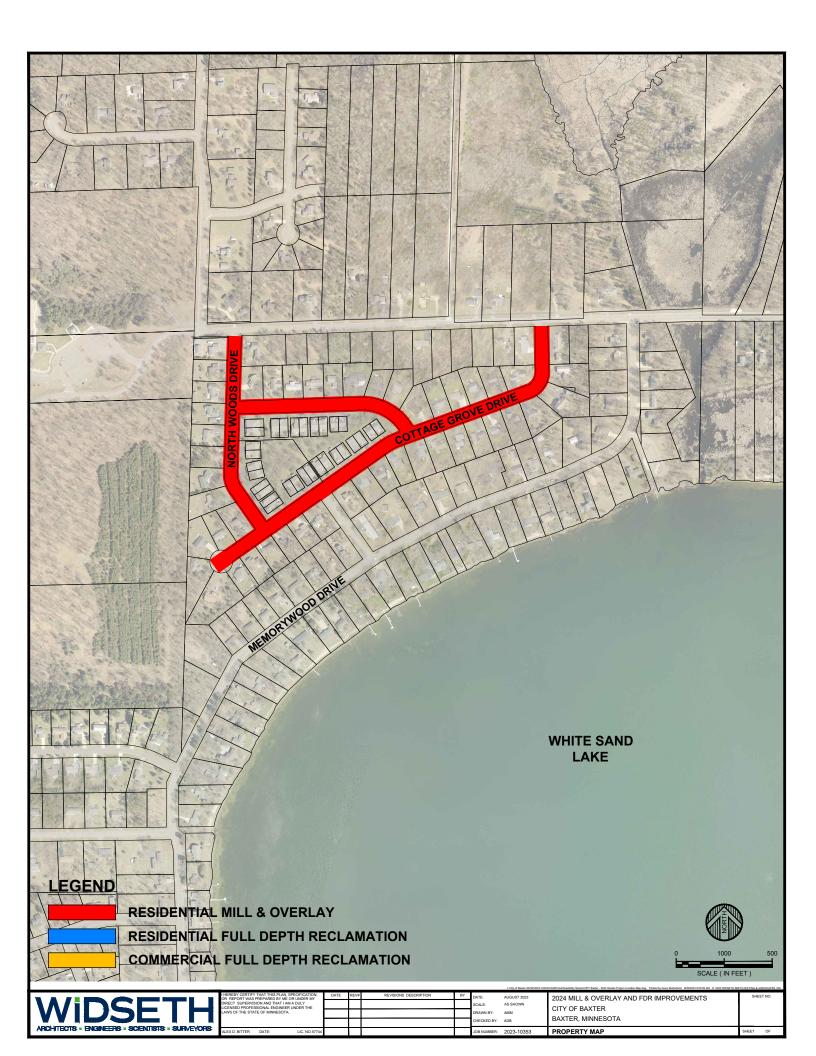
#### Commercial Full Depth Reclamation:

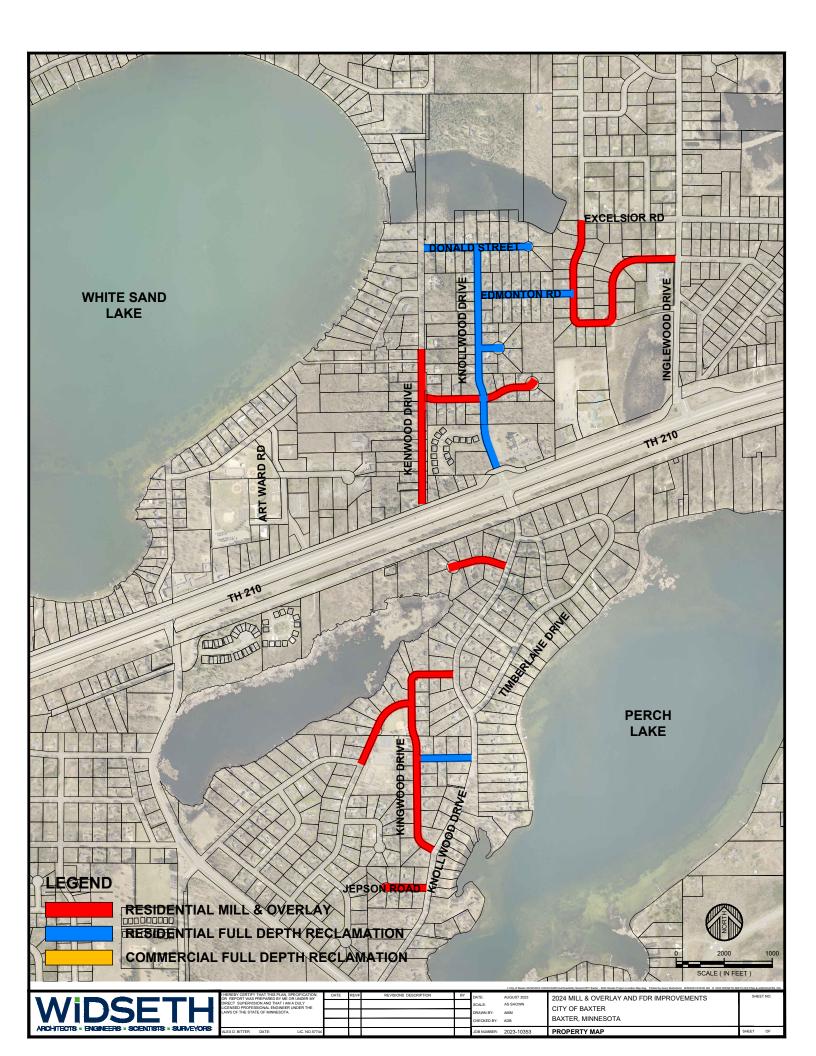
- Garrison Road Trail Improvements
- Elmwood Drive in its entirety.
- Forthun Road (Elder Dr to Elmwood Drive)
- Forthun Road (570' west of roundabout to 386' west of roundabout)
- Edgewood Drive (530' north of Woida Road to Novotny Road)
- Novotny Road (300' west of TH 371 to TH 371)
- Whispering Woods Lane (Dellwood Drive to Pearl Drive)
- Dellwood Drive (430' north of Woida Road to Whispering Woods Lane)

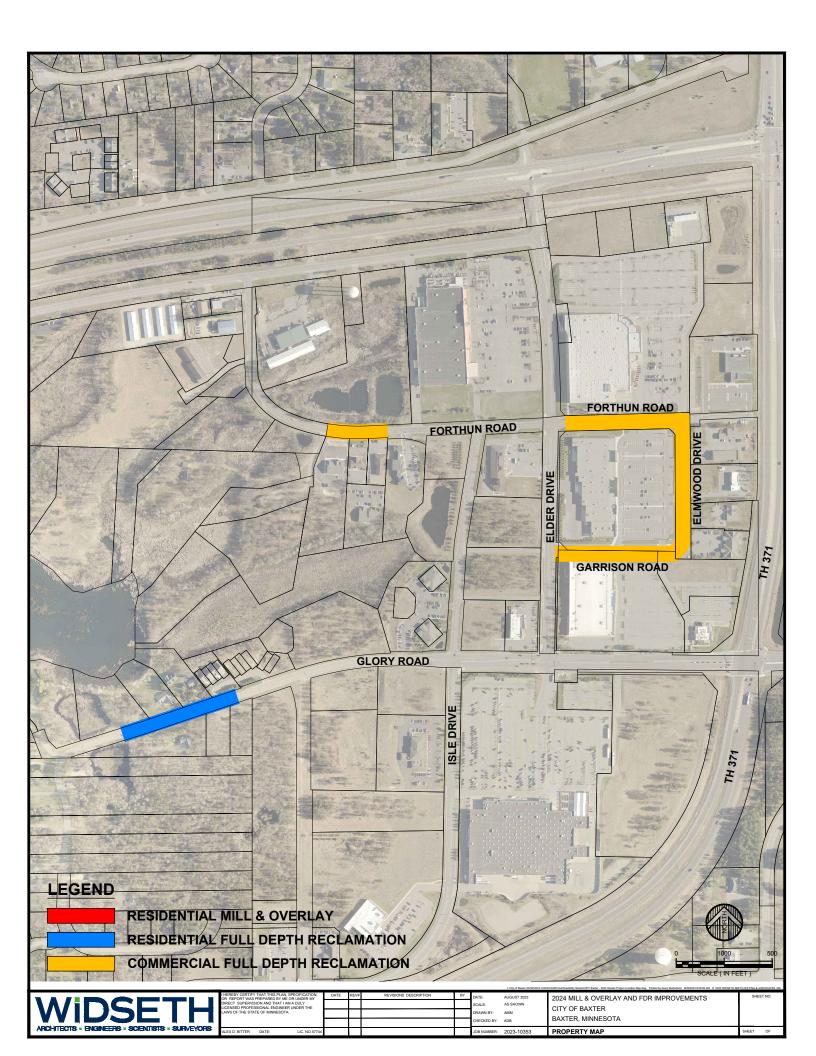
This Report will review existing conditions, propose feasible improvements, estimate project costs, discuss project implementation, and present conclusions and recommendations for the Project Area. The Project Areas are shown in Figure 1.

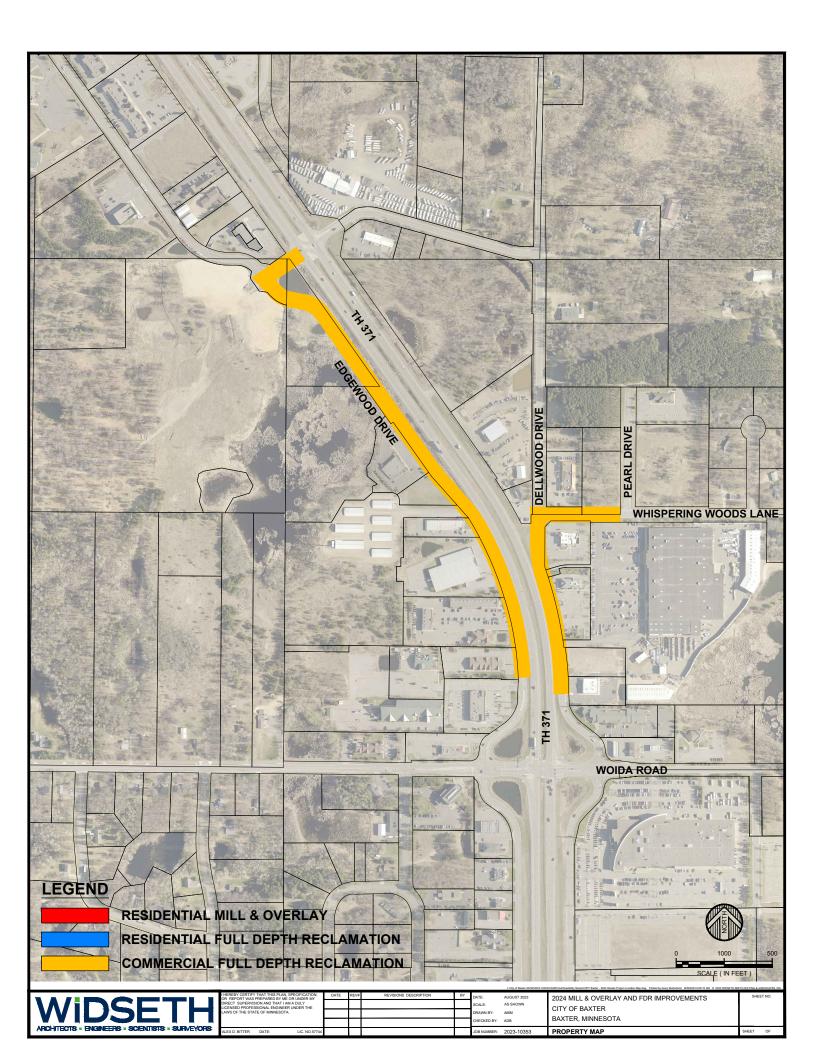
## FIGURE 1 – PROJECT AREA











#### **EXISTING CONDITIONS**

#### Residential Mill & Overlay

#### Jepson Road

Jepson Road is a cul-de-sac road located west of Knollwood Drive. The roadway is 496 feet in length with a standard cul-de-sac at the west end. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2001 as part of the "2001 Parkwood Area Improvements." The project included construction of gravity sanitary sewer and rural roadway section.

Jepson Road is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 7. The PASER evaluates the pavement condition regarding the longitudinal and lateral cracking of the bituminous. Along with the cracking, there are areas that consist of stripping of the bituminous approximately ½" in depth.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates. There are some signs of flooding on the east end of the road, but it appears to be seasonal and short term.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 2001 Parkwood Area improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by an 8" PVC water main that was constructed as part of the 1979 Water Improvements Project. This era of construction was known to use plastic water main fittings. Based on the 2019 Watermain Fitting Review Report, Jepson Road's fittings are likely ductile iron. A water main exploratory excavation needs to be completed to fully determine the type of fittings and replace them if necessary. The fire hydrant on the west end of the cul-de-sac is still the original hydrant and is likely in need of restoration based on the 2019 Hydrant Installation Year Review Report.

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#### Kingwood Drive

Kingwood Drive is located west of Knollwood Drive and runs along Loren Thompson Park. The roadway is 2,381 feet in length. The Project Area is zoned R1, low-density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2001 as part of the "2001 Parkwood Area Improvements." The project included construction of gravity sanitary sewer and rural roadway section.

Kingwood Drive is 26' wide with two-13' driving lanes and a 1' grassed shoulder. There is a trail that runs 55' connecting the Interlacken Road trail to Loren Thompson Park. The pavement section consists of 3.5" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating range of 5 to 7. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking, there are areas that consist of stripping of the bituminous at ½" in depth. The biggest areas of concern are the intersection with Parkwood Drive and the road section north of that intersection. This area sees a lot more traffic than the rest of the road.

This roadway does not have curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates. There are some signs of flooding near the intersection of Knollwood Drive which flows over a driveway. A culvert may be helpful underneath the driveway.

This area is served by an 8" PVC sanitary sewer which was constructed as part of the 2001 Parkwood Area improvements. Televising has not been completed as part of this project, so no issues with the pipe have not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by an 8" PVC watermain that was constructed as part of the 1979 Water Improvements Project. This era of construction was known to use plastic water main fittings. Based on the 2019 Watermain Fitting Review Report, the intersection of Kingwood Drive with Parkwood Drive is likely to have PVC fittings. The rest of Kingwood Drive's fittings are likely to be ductile iron. A water main exploratory excavation needs to be completed to fully determine the type of fittings and replace them if necessary. The two fire hydrants on Kingwood Drive are still the original hydrants and are likely in need of restoration based on the 2019 Hydrant Installation Year Review Report.





#### Interlacken Road

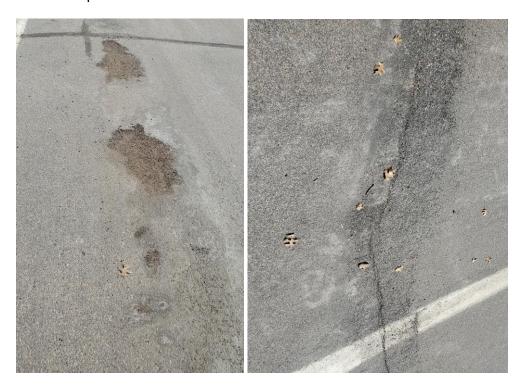
Interlacken Road runs between Kingwood Drive and Knollwood Drive. The roadway is 603 feet in length. The Project Area is zoned R1, low-density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2001 as part of the "2001 Parkwood Area Improvements." The project included construction of gravity sanitary sewer and rural roadway section.

Interlacken Road is 36' wide, with two-13' driving lanes, a 10' continuation of pavement trail and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 5. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking, there are areas that consist of stripping of the bituminous approximately ½" to 1" in depth.

This roadway does not have curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer, which was constructed as part of the 2001 Parkwood Area improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 6" PVC watermain that was constructed as part of the 1979 Water Improvements Project. This era of construction was known to use plastic water main fittings. Based on the 2019 Watermain Fitting Review Report, Interlacken Road likely has ductile iron fittings. A water main exploratory excavation needs to be completed to fully determine the type of fittings and replace them if necessary. The fire hydrant on the west end of the road is still the original hydrant and is likely in need of restoration based on the 2019 Hydrant Installation Year Review Report.



#### **Knollwood Court**

Knollwood Court is a cul-de-sac located west off Knollwood Drive. The roadway is 660 feet in length. The Project Area is zoned R1, low-density residential and is located within a 66-foot-wide platted right-of-way. This roadway does not have a trail associated with it. The roadway corridor was last improved in 2001 as part of the "2001 Parkwood Area Improvements." The project included construction of gravity sanitary sewer and rural roadway section.

Knollwood Court is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 7. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking, there are areas that consist of stripping of the bituminous approximately ½" in depth, especially in the cul-de-sac area.

The storm sewer system that serves this area was constructed as part of the 2001 Parkwood Area Improvements.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 2001 Parkwood Area improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is served by an 8" PVC watermain that was constructed as part of the 1979 Water Improvements Project. This era of construction was known to use plastic water main fittings. Based on the 2019 Watermain Fitting Review Report, Knollwood Court likely has ductile iron fittings. A water main exploratory excavation needs to be completed to fully determine the type of fittings and replace them if necessary. The fire hydrant in the cul-de-sac on the west end of the road is still the original hydrant and is likely in need of restoration based on the 2019 Hydrant Installation Year Review Report.



#### Fairfax Road

Fairfax Road runs between Kenwood Drive and Knollwood Drive. The roadway is 647 feet in length. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2002 as part of the "2002 Paige and Blair Second Addition Improvements." The project included construction of gravity sanitary sewer, watermain and rural roadway section.

Fairfax Road is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 7. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous 1-1½" in depth.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 2002 Paige and Blair Second Addition Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 6" PVC watermain that was constructed as part of the 2002 Paige and Blair Second Addition Improvements.





#### Fairfax Court

Fairfax Court is a cul-de-sac located east of Knollwood Drive and across from Fairfax Road. The roadway is 592 feet in length with a cul-de-sac at the east end. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2002 as part of the "2002 Paige and Blair Second Addition Improvements." The project included construction of gravity sanitary sewer, watermain and rural roadway section.

Fairfax Court is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 7. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous at ½" in depth especially in the cul-de-sac, and some potholes.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 2002 Paige and Blair Second Addition Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 6" PVC watermain that was constructed as part of the 2002 Paige and Blair Second Addition Improvements.





#### **Fairmont Court**

Fairmont Court is a cul-de-sac located east of Knollwood Drive, north of T.H. 210. The roadway is 273 feet in length with a cul-de-sac at the east end. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2000 as part of the "2000 Paige and Blair First Addition Improvements." The project included construction of gravity sanitary sewer, watermain and rural roadway section.

Fairmont Court is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 5. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the significant cracking there are areas that consist of stripping of the bituminous especially in the cul-de-sac approximately ½" in depth.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 2000 Paige and Blair First Addition Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 6" PVC watermain that was constructed as part of the 2000 Paige and Blair First Addition Improvements.





#### **Edmonton Road**

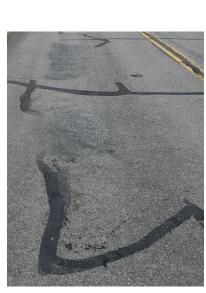
Edmonton Road runs between Knollwood Drive and Cherrywood Drive. The roadway is 997 feet in length. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 1999 as part of the "1999 Paige and Blair Improvements." The project included construction of gravity sanitary sewer, watermain and rural roadway section.

Edmonton Road is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 5. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous and lots of patching.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 1999 Paige and Blair Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 6" PVC watermain that was constructed as part of the 1999 Paige and Blair Improvements.





#### Cottage Grove Drive

Cottage Grove Drive is a road south of Clearwater Road that ends in a cul-de-sac. The roadway is 2,345 feet in length with a cul-de-sac on the southwest end. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2003 as part of the "2003 Cottage Grove Drive Utility Extensions." The project included completing construction of gravity sanitary sewer, watermain and rural roadway section.

Cottage Grove Drive is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating range of 7 to 8. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. In addition to the cracking there is stripping occurring on this road as well at ½" in depth.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer from Northwoods Drive to the cul-de-sac and a 10" PVC from Camden Road to Northwoods Drive that was constructed as part of the 1996 White Sand North Subdivision Improvements Phase 1. A 10" PVC was constructed with the White Sand North 1999 Phase 3 Improvements and 2003 Cottage Grove Drive Utility Extensions. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 6" PVC watermain that was constructed as part of the 1996 White Sand North Subdivision Improvements Phase 1, White Sand North 1999 Phase 3 Improvements, and 2003 Cottage Grove Drive Utility Extensions.





#### Northwoods Drive

Northwoods Drive is a road that runs between Clearwater Road and the west side of Cottage Grove Drive. The roadway is 1,102 feet in length. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 1997 as part of the "1997 White Sand North Subdivision Improvements Phase 2." The project included construction of gravity sanitary sewer, watermain and rural roadway section.

Northwoods Drive is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 7. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous at  $\frac{1}{2}$ " in depth.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by a 10" PVC sanitary sewer that was constructed as part of the 1996 White Sand North Subdivision Improvements Phase 1 and 1997 White Sand North Subdivision Improvements Phase 2. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 6" PVC watermain that was constructed as part of the 1996 White Sand North Subdivision Improvements Phase 1 and 1997 White Sand North Subdivision Improvements Phase 2.





#### Camden Road

Camden Road runs between Northwoods Drive and Cottage Grove Drive. The roadway is 990 feet in length. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 1999 as part of the "1999 White Sand North Phase 3 Improvements." The project included construction of gravity sanitary sewer, watermain and rural roadway section.

Camden Road is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 7. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous at ½" in depth.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the White Sand North 1999 Phase 3 Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 6" PVC watermain that was constructed as part of the White Sand North 1999 Phase 3 Improvements.





#### **Donald Street**

Donald Street is a road that runs between Kenwood and Knollwood Drive. The roadway is 1,161 feet in length. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 1989 as part of the "1989 Sewer and Water Improvements." The project included construction of gravity sanitary sewer, watermain and rural roadway section.

Donald Street is 24' wide with two-12' driving lanes and a 1' grassed shoulder. The pavement section consists of 3" bituminous and 3" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 6. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by a 10" PVC sanitary sewer that was constructed as part of the 1989 Sewer and Water Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined.

This area is also served by an 8" PVC watermain that was constructed as part of the 1989 Sewer and Water Improvements. This era of construction was known to use plastic water main fittings. Based on the 2019 Watermain Fitting Review Report, Donald Street's intersection with Kenwood Drive likely has plastic fittings. A water main exploratory excavation needs to be completed to fully determine the type of fittings and replace them if necessary.



#### Parkwood Drive

This section of Parkwood Drive runs from Mountain Ash Drive to Kingwood Drive. The roadway is 879 feet in length. This Project Area is zoned R1, low density residential and Public Benefit and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 1992 as part of the "1992 Wedgewood and Oak Street Improvements." The project included construction of gravity sanitary sewer, section of watermain and rural roadway section.

Parkwood Drive is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 4. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous at ½" in depth and numerous potholes and patching.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 1992 Wedgewood and Oak Street Improvements and 2001 Parkwood Area Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 6" PVC watermain that was constructed as part of the 1987 Southdale Utility Extensions and Kentwood Drive Improvements. An 8" PVC was constructed with the 1992 Wedgewood and Oak Street Improvements. This era of construction was known to use plastic water main fittings. Based on the 2019 Watermain Fitting Review Report, this section of Parkwood Drive has fittings that are likely PVC. A water main exploratory excavation needs to be completed to fully determine the type of fittings and replace them, if necessary.



#### **Kenwood Drive**

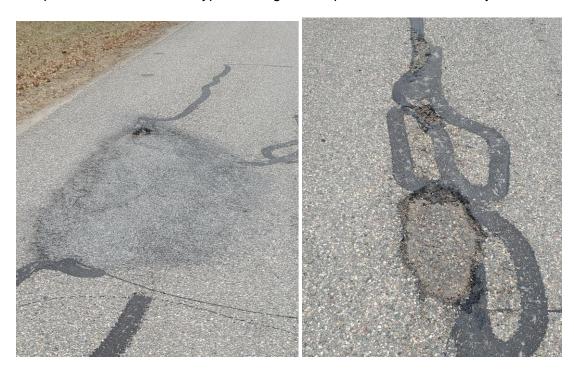
This section of Kenwood Drive runs from Fairview Road to 1,590' north of Fairview Road. The roadway is 1,646 feet in length. This Project Area is zoned R1, low density residential and R3, high density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2004 as part of the "2004 Kenwood Drive and Sandstone Road Improvements." The project included construction of gravity sanitary sewer, watermain and rural roadway section.

Kenwood Drive is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating range of 6 to 7. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous at ½" in depth and the right-of-way needs to be cleaned up.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 2004 Kenwood Drive and Sandstone Road Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by an 8" PVC watermain that was constructed as part of the 1989 Sewer and Water Improvements and the 2004 Kenwood Drive and Sandstone Road Improvements. This era of construction was known to use plastic water main fittings. Based on the 2019 Watermain Fitting Review Report, the area of Kenwood Drive from Sandstone Road to Donald Street most likely has PVC fittings. A water main exploratory excavation needs to be completed to determine the type of fittings and replace them, if necessary.



#### **Knollwood Drive**

This section of Knollwood Drive runs from Fairview Road to Donald Street North of T.H. 210. The roadway is 2,354 feet in length. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2003 as part of the "2003 Paige and Blair Second Addition and 2003 Knollwood Drive Extensions (North of T.H. 210) Improvements." The project included construction of sections of gravity sanitary sewer, watermain and rural roadway section.

Knollwood Drive is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating range of 4 to 6. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous at ½" in depth. This road has areas of pavement that are lower than the rest of the road and a lot of damaged areas.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates. There are drainage issues at the intersection with Donald Street.

This area is served by an 8" and 10" PVC sanitary sewer that was constructed as part of the 1989 Sewer and Water Improvements, 1999 Paige and Blair Improvements, 2000 Paige and Blair First Addition and the 2003 Paige and Blair Second Addition. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by an 8" PVC watermain that was constructed as part of the 1989 Sewer and Water Improvements, 1999 Paige and Blair Improvements, 2000 Paige and Blair First Addition, 2003 Paige and Blair Second Addition, and 2003 Knollwood Drive Extensions (North of T.H. 210) Improvements. This era of construction was known to use plastic water main fittings. Based on the 2019 Watermain Fitting Review Report, Knollwood Drive's intersection with Donald Street has fittings that are likely PVC. A water main exploratory excavation needs to be completed to fully determine the type of fittings and replace them, if necessary.



#### **Cherrywood Drive**

This section of Cherrywood Drive runs from Inglewood Drive to Excelsior Road. The roadway is 777 feet in length. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 1999 as part of the "1999 Charles Cherrywood Project." The project included construction of a watermain and rural roadway section.

Cherrywood Drive from Inglewood Drive to Excelsior Road is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 4" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 6. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous at ½" in depth.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" and 10" PVC sanitary sewer that was constructed as part of the 1989 Sewer and Water Improvements and 1998 JMS Addition Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by an 8" PVC watermain that was constructed as part of the 1989 Sewer and Water Improvements, and 1999 Charles Cherrywood Project. Based on the 2019 Watermain Fitting Review Report, sections of Cherrywood Drive have fittings that are likely PVC. A water main exploratory excavation needs to be completed to fully determine the type of fittings and replace them if necessary.





#### Residential Full Depth Reclamation

#### **Glory Road**

This section of Glory Road runs from 1,600' west of Isle Drive to 1,125' west of Isle Drive. The roadway is 515 feet in length. This Project Area is zoned R1, low density residential and is located within a 66-foot-wide platted right-of-way. The roadway corridor was last improved in 2000 as part of the "2000 Glory Road Improvements." The project included construction of gravity sanitary sewer, watermain and rural roadway section.

Glory Road is 26' wide with two-13' driving lanes and a 1' grassed shoulder. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 3. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of a lot of patching.

This roadway does not have a trail, curb and gutter or a storm sewer system. The runoff from the roadway drains off in the shallow swales along the side of the road where runoff infiltrates.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 2000 Glory Road Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by an 8" PVC watermain that was constructed as part of the 2000 Glory Road Improvements.



#### Commercial Full Depth Reclamation

#### **Garrison Road**

This section of Garrison Road runs from Elder Drive to Elmwood Drive. It is a private road that is 613 feet in length. This Project Area is zoned C2, regional commercial and is located within an 80-foot-wide platted right-of-way. The roadway was updated this year through the Copeland Mill & Overlay Project.

Garrison Road is 33' wide with two-16.50' driving lanes. The pavement section consists of 3.5" bituminous and 6" of class 6 base. This road was updated this year and does not need to be repaired.

This road features a 10' trail that runs along the north side. The trail and pedestrian ramps aren't ADA compliant and are in need of replacement.

This area is served by a storm sewer system that was constructed as part of the 1998 MNDOT T.H. 210 to T.H. 371 Project Area. The catch basins are in need of repair for this road.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 1998 MNDOT T.H. 210 to T.H. 371 Project Area. Televising has not been completed as part of this project, so any issues with the pipe have not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by an 8" PVC watermain that was constructed as part of the 1998 MNDOT T.H. 210 to T.H. 371 Project Area.

#### **Elmwood Drive**

Elmwood Drive runs between Forthun Road and Garrison Road east of T.H. 371. The roadway is 681 feet in length. This Project Area is zoned C2, regional commercial and is located within an 80-foot-wide platted right-of-way. The roadway corridor was constructed in 1998 as part of the "1998 MNDOT T.H. 210 to T.H. 371 Project Area." The project included construction of gravity sanitary sewer, watermain and urban roadway section.

Elmwood Drive is 33' wide with two-16.50' driving lanes. The pavement section consists of 3.5" bituminous and 6" of class 6 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 6. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous approximately 1 ½"-2" in depth, patching from construction entrances and curb issues.

This area is served by a storm sewer system that was constructed as part of the 1998 MNDOT T.H. 210 to T.H. 371 Project Area.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 1998 MNDOT T.H. 210 to T.H. 371 Project Area. Televising has not been completed as part of this project, so any issues with the pipe have not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by an 8" PVC watermain that was constructed as part of the 1996 Watermain Extensions for Navillus Land Company and 1998 MNDOT T.H. 210 to T.H. 371 Project Area.





#### Forthun Road East

This section of Forthun Drive runs from Elder Dr to Elmwood Drive. The roadway is 687 feet in length. This Project Area is zoned C2, regional commercial and is located within an 80-foot-wide platted right-of-way. The roadway corridor was constructed in 1998 as part of the "1998 MNDOT T.H. 210 to T.H. 371 Project Area." The project included construction of gravity sanitary sewer, watermain and urban roadway section.

This section of Forthun Road is 33' wide with two-16.50' driving lanes and a 10' trail. The pavement section consists of 3.5" bituminous and 6" of class 6 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 4. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous approximately ½" in depth, patching, potholes, curb and trail area that need to be repaired and pedestrian ramps that need to be updated.

There is a 10-foot trail that runs along the north side of the road that consists of 2" of bituminous and 4" of Class 5 base.

This area is served by a storm sewer system that was constructed as part of the 1998 MNDOT T.H. 210 to T.H. 371 Project Area.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 1998 MNDOT T.H. 210 to T.H. 371 Project Area. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

Water doesn't run the length of Forthun Road, only an 8" PVC passes through at intersection of Elmwood Drive that was constructed with the 1996 Watermain Extensions for Navillus Land Company.



#### Forthun Road West

This section of Forthun Road runs 570' west of the roundabout to 386' west of the roundabout. The roadway is 286 feet in length. This Project Area is zoned C2, regional commercial and OS, office service and is located within a 66-foot-wide platted right-of-way. There is no trail associated with this road. The roadway corridor was constructed in 1999 as part of the "1999 Forthun Road Improvements Phase 2." The project included construction of gravity sanitary sewer, watermain and urban roadway section.

Forthun Road west is 36' wide with two-18' driving lanes. The pavement section consists of 3.5" bituminous and 3" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 3. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous approximately ½" in depth, patching, curb damage and drainage issues in driveways.

This area is served by a storm sewer system that was constructed as part of the 1999 Forthun Road Improvements Phase 2.

This area is served by an 8" PVC sanitary sewer that was constructed as part of the 1999 Forthun Road Improvements Phase 2. Televising has not been completed as part of this project, so any issues with the pipe have not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by an 8" PVC watermain that was constructed as part of the 1999 Forthun Road Improvements Phase 2.





#### **Edgewood Drive**

This portion of Edgewood Drive runs 530' north of Woida Road to Novotny Road. The roadway is 2,665 feet in length. This Project Area is zoned C2, regional commercial and is located within a 66-foot-wide platted right-of-way. There is no trail associated with this road. The roadway corridor was last improved in 2003 as part of the "2003 Edgewood Drive North Utility and Roadway Extension." The project included construction of a watermain and urban roadway section.

The section of Edgewood Drive north of Woida Road to Novotny is 36' wide with two-18' driving lanes. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating range of 5 to 6. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous approximately ½" in depth, significant potholes and breaking along the driveways.

The stormwater system was constructed as part of the 2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements, 2003 Edgewood Drive North Utility & Roadway Extension

This area is served by a 10" PVC sanitary sewer that was constructed as part of the 2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 10" PVC watermain that was constructed as part of the 1979 Water Improvements Project.





#### **Novotny Road**

This portion of Novotny Road runs 300' west of T.H. 371 to T.H. 371. The roadway is 300 feet in length. This Project Area is zoned C2, regional commercial and is located within an 80-foot-wide platted right-of-way. There is no trail associated with this road. The roadway corridor was last improved in 2003 as part of the "2003 Edgewood Drive North Utility and Roadway Extension." The project included construction of a watermain and urban roadway section.

The section of Novotny Road 300' west of TH 371 to TH 371 varies in width and includes a 14' and 10' driving lane heading west and 14' lane heading east along with a varying width median. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 6. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous.

The stormwater system was constructed as part of the 2003 Edgewood Drive North Utility & Roadway Extension.

This area is served by a 10" PVC sanitary sewer that was constructed as part of the 2003 Edgewood Drive North Utility & Roadway Extension. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 10" PVC watermain that was constructed as part of the 2003 Edgewood Drive North Utility & Roadway Extension.





#### Whispering Woods Lane

This section of Whispering Woods Lane runs from Dellwood Drive to Pearl Drive. The roadway is 462 feet in length. This Project Area is zoned C2, regional commercial and is located within a 66-foot-wide platted right-of-way. There is no trail associated with this road. The roadway corridor was constructed in 2002 as part of the "2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements." The project included construction of gravity sanitary sewer, watermain and urban roadway section.

Whispering Woods Lane is 32' wide with two-16' driving lanes. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 7. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of potholes.

This area is served by a storm sewer system that was constructed as part of the 2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements.

This area is served by a 10" PVC sanitary sewer that was constructed as part of the 2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements. Televising has not been completed as part of this project, so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 10" PVC watermain that was constructed as part of the 2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements.





#### **Dellwood Drive**

This portion of Dellwood Drive runs 430' north of Woida Road to Whispering Woods Lane. The roadway is 430 feet in length. This Project Area is zoned C2, regional commercial and is located within a platted right-of-way that runs along T.H. 371. There is no trail associated with this road. The roadway corridor was last improved in 2002 as part of the "2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements." The project included construction of gravity sanitary sewer, watermain and urban roadway section.

The section of Dellwood Drive that runs 430' north of Woida Road to Whispering Woods Lane is 36' wide with two-18' driving lanes. The pavement section consists of 3.5" bituminous and 5" of Class 5 base. This roadway does not meet the City standard of a 10-ton roadway. In 2022 the roadway was given a PASER Rating of 6. The PASER evaluates the pavement condition regarding longitudinal and lateral cracking of the bituminous. Along with the cracking there are areas that consist of stripping of the bituminous approximately ½" in depth and cracking in cement. There is interest in a turn lane being added to Dellwood Drive into the Menards south entrance.

The stormwater system was constructed with the 2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements.

This area is served by a 10" PVC sanitary sewer that was constructed as part of the 2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements. Televising has not been completed as part of this project so any issues with the pipe has not been determined. The manhole lids need repair and require new rings and castings.

This area is also served by a 10" PVC watermain that was constructed as part of the 2002 MN 371 Frontage Roads and Whispering Woods Lane Utility Improvements.





#### **PROPOSED IMPROVEMENTS**

#### **Roadway Improvements**

#### **Residential Mill & Overlay**

#### Jepson Road

In 2022, Jepson Road was rated a 7 on the PACER scale. This means that the road is beginning to show signs of aging and needs maintenance. Jepson Road has areas of bituminous that are stripping at approximately ½" in depth. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Jepson Road will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Jepson Road include removal and replacement of the sanitary sewer manhole lid, castings, and rings.

Watermain improvements include restoration of the fire hydrant on the west end of the cul-desac, as it is the original hydrant for the road. In 2019 the Watermain Fitting Review Report was completed and acknowledged that the watermain fittings on Jepson Road need to be reviewed. A water main exploratory excavation needs to be completed on the west end of the road to determine the type of fitting and if it needs to be replaced.

Other improvements to Jepson Road include installing new pavements markings.

Proposed improvements to Jepson Road are shown on the typical section pages.

#### Kingwood Drive

In 2022, Kingwood Drive was rated a range of 5 to 7 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Kingwood Drive has areas of bituminous that are stripping at approximately ½" in depth. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested. The section of this road north of Parkwood Drive sees a lot of traffic and is in severe condition. FDR may be necessary on this road in order to keep the pavement life and less maintenance issues in the future.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling

the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Kingwood Drive will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Kingwood Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Watermain improvements include restoration of 2 fire hydrants on the road, as they are the original hydrants for the road. In 2019 the Watermain Fitting Review Report was completed and acknowledged that the watermain fittings on Kingwood Drive need to be reviewed. A water main exploratory excavation needs to be completed on the road to determine the type of fittings and if they need to be replaced.

The trail that runs along Kingwood Drive connecting Loren Thompson Park to Interlacken Road is an extension of the road. This 55' long trail will be included in the Mill and Overlay process and restriped to assure pedestrian safety.

Other improvements to Kingwood Drive include replacing the signage and installing new pavements markings.

Proposed improvements to Kingwood Drive are shown on the typical section pages.

#### **Knollwood Court**

In 2022, Knollwood Court was rated a 7 on the PACER scale. This means that the road is beginning to show signs of aging and needs maintenance. Knollwood Court has areas of bituminous that are stripping at approximately  $\frac{1}{2}$ " in depth. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Knollwood Court will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Knollwood Court include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Watermain improvements include restoration of the fire hydrant at the cul-de-sac as it is the original hydrant for the road. In 2019 the Watermain Fitting Review Report was completed and acknowledged that the watermain fittings on Knollwood Court need to be reviewed. A water main exploratory excavation needs to be completed on the road to determine the type of fittings and if they need to be replaced.

Other improvements to Knollwood Court include installing new pavements markings.

Proposed improvements to Knollwood Court are shown on the typical section pages.

#### Fairfax Road

In 2022, Fairfax Road was rated a 7 on the PACER scale. This means that the road is beginning to show signs of aging and needs maintenance. Fairfax Road has areas of bituminous that are stripping at approximately 1 to 1 ½" in depth. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Fairfax Road will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Fairfax Road include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Other improvements to Fairfax Road include replacing signage and installing new pavements markings.

Proposed improvements to Fairfax Road are shown on the typical section pages.

#### Fairfax Court

In 2022, Fairfax Court was rated a 7 on the PACER scale. This means that the road is beginning to show signs of aging and needs maintenance. Fairfax Court has areas of bituminous that are stripping at approximately ½" in depth. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Fairfax Court will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Fairfax Court include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Other improvements to Fairfax Court include replacing signage and installing new pavements markings.

Proposed improvements to Fairfax Court are shown on the typical section pages.

# Cottage Grove Drive

In 2022, Cottage Grove Drive was rated a range of 7 to 8 on the PACER scale. This means that the road is beginning to show signs of cracking and may need maintenance. Cottage Grove Drive has areas of bituminous that are stripping at approximately ½" in depth leading to the need for maintenance earlier to this road. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Cottage Grove Drive will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Cottage Grove Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Other improvements to Cottage Grove Drive include replacing signage and installing new pavements markings.

Proposed improvements to Cottage Grove Drive are shown on the typical section pages.

#### Northwoods Drive

In 2022, Northwoods Drive was rated a 7 on the PACER scale. This means that the road is beginning to show signs of aging and needs maintenance. Northwoods Drive has areas of bituminous that are stripping at approximately ½" in depth. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Northwoods Drive will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Northwoods Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Other improvements to Northwoods Drive include replacing signage and installing new pavements markings.

Proposed improvements to Northwoods Drive are shown on the typical section pages.

#### Camden Road

In 2022, Camden Road was rated a 7 on the PACER scale. This means that the road is beginning to show signs of aging and needs maintenance. Camden Road has areas of bituminous that are stripping at approximately ½" in depth. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Camden Road will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Camden Road include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Other improvements to Camden Road include replacing signage and installing new pavements markings.

Proposed improvements to Camden Road are shown on the typical section pages.

#### Parkwood Drive

In 2022, Parkwood Drive was rated a 4 on the PACER scale. This means that the road is showing an extreme loss of aggregate, longitudinal cracking in the wheel path and heavy block cracking. This road needs structural improvements by maintenance. Parkwood Drive has areas of bituminous that are stripping at approximately ½" in depth, numerous potholes and patched areas. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Parkwood Drive will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Parkwood Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

In 2019 the Watermain Fitting Review Report was completed and acknowledged that the watermain fittings on this section of Parkwood Drive need to be reviewed. A water main exploratory excavation needs to be completed on this road to determine the type of fittings and if they need to be replaced.

Other improvements to Parkwood Drive include replacing signage and installing new pavements markings.

Proposed improvements to Parkwood Drive are shown on the typical section pages.

# Kenwood Drive

In 2022, Kenwood Drive was rated a range of 6 to 7 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Kenwood Drive has areas of bituminous that are stripping at approximately ½" in depth. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Kenwood Drive will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Kenwood Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

In 2019 the Watermain Fitting Review Report was completed and acknowledged that the watermain fittings on Kenwood Drive need to be reviewed. A water main exploratory excavation needs to be completed on this road to determine the type of fittings and if they need to be replaced.

Other improvements to Kenwood Drive include replacing the signage and installing new pavements markings.

Proposed improvements to Kenwood Drive are shown on the typical section pages.

# **Cherrywood Drive**

In 2022, Cherrywood Drive was rated a 6 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Cherrywood Drive has areas of bituminous that are stripping at approximately  $\frac{1}{2}$  in depth. When the upper surface layer (1"-2") of the pavement begins to deteriorate, the Mill and Overlay process is suggested.

The benefits of the Mill and Overlay process include the reduction of aging, transverse and longitudinal cracking and stripping at the surface. This allows for an extension of pavement life, typically 10-15 years with proper maintenance. The Mill and Overlay process consists of milling the pavement to a uniform depth, depending on the extent of the surface distresses. This creates an even surface that new pavement is overlayed on to assure a consistent thickness.

Cherrywood Drive will be improved utilizing the Mill and Overlay process. The top 2" of bituminous will be milled in order to remove the cracking and stripping appearing on this road and 2" of new bituminous will be overlayed on top of the even surface.

Sanitary sewer improvements along Cherrywood Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Watermain improvements are based on the 2019 Watermain Fitting Review Report. The report was completed and acknowledged that the water main fittings on Cherrywood Drive need to be reviewed. A water main exploratory excavation needs to be completed on this road to determine the type of fittings and if they need to be replaced.

Other improvements to Cherrywood Drive include replacing signage and installing new pavements markings.

Proposed improvements to Cherrywood Drive are shown on the typical section pages.

#### **Residential Full Depth Reclamation**

#### Interlacken Road

In 2022, Interlacken Road was rated a 5 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Interlacken Road has areas of bituminous that are stripping at approximately ½" to 1" in depth. Interlacken Road is proposed to be reconstructed utilizing full depth reclamation (FDR).

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, and reduced maintenance costs. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 7" of the pavement and base section will be completed in two passes. After FDR is complete, 3" of material will be removed leaving a 4" reclaimed based. An inch of base will be added to bring the road to a standard 5" class 5 base. The reclaimed base will be compacted and 3.5" bituminous will be constructed in two separate lifts.

Sanitary sewer improvements along Interlacken Road include removal and replacement of the sanitary sewer manhole lid, castings, and rings.

Watermain improvements include restoration of the fire hydrant on the west end of the road, as it is the original hydrant for the road. In 2019 the Watermain Fitting Review Report was completed and acknowledged that the watermain fittings on Interlacken Road need to be reviewed. A water main exploratory excavation needs to be completed on the road to determine the type of fittings and if they need to be replaced.

The trail that runs along Interlacken Road is a 10' extension of the road. This trail will be included in the FDR process and restriped to assure pedestrian safety.

Other improvements to Interlacken Road include replacing existing driveways to the ROW line, installing new pavements markings, road signs, and removal and replacement of mailbox supports.

Proposed improvements to Interlacken Road are shown on the typical section pages.

#### Fairmont Court

In 2022, Fairmont Court was rated a 5 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Fairmont Court has areas of bituminous that are stripping at approximately ½" in depth. Fairmont Court is proposed to be reconstructed utilizing full depth reclamation (FDR).

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, and reduced maintenance costs. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 8.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 5" reclaimed based. The reclaimed base will be compacted and 3.5" bituminous will be constructed in two separate lifts.

Sanitary sewer improvements along Fairmont Court include removal and replacement of the sanitary sewer manhole lid, castings, and rings.

Other improvements to Fairmont Court include replacing existing driveways to the ROW line, installing new pavements markings, road signs, and removal and replacement of mailbox supports.

Proposed improvements to Fairmont Court are shown on the typical section pages.

#### Edmonton Road

In 2022, Edmonton Road was rated a 5 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Edmonton Road has areas of bituminous that are stripping at approximately ½" in depth. Edmonton Road is proposed to be reconstructed utilizing full depth reclamation (FDR).

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, and reduced maintenance costs. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 7" of the pavement and base section will be completed in two passes. After FDR is complete, 3" of material will be removed leaving a 4" reclaimed based. An inch of base will be added to bring the road to a standard 5" class 5 base. The reclaimed base will be compacted and 3.5" bituminous will be constructed in two separate lifts.

Sanitary sewer improvements along Edmonton Road include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Other improvements to Edmonton Road include replacing existing driveways to the ROW line, installing new pavements markings, road signs, and removal and replacement of mailbox supports.

Proposed improvements to Edmonton Road are shown on the typical section pages.

#### **Donald Street**

In 2022, Donald Street was rated a 6 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Donald Street has areas of bituminous that are stripping at approximately ½" in depth and major potholes. Patching on this road is deteriorating. Donald Street is proposed to be reconstructed utilizing full depth reclamation (FDR).

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, and reduced maintenance costs. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 6" of the pavement and base section will be completed in two passes. After FDR is complete, 3" of material will be removed leaving a 3" reclaimed based. 2" of base will be added to bring the road to a standard 5" class 5 base. The reclaimed base will be compacted and 3.5" bituminous will be constructed in two separate lifts.

In 2019 the Watermain Fitting Review Report was completed and acknowledged that the watermain fittings on Donald Street need to be reviewed. A water main exploratory excavation needs to be completed on the road to determine the type of fittings and if they need to be replaced.

Sanitary sewer improvements along Donald Street include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Other improvements to Donald Street include replacing existing driveways to the ROW line, installing new pavements markings, road signs, and removal and replacement of mailbox supports.

Proposed improvements to Donald Street are shown on the typical section pages.

#### **Knollwood Drive**

In 2022, Knollwood Drive was rated a range of 4 to 6 on the PACER scale. This means that the road is showing an extreme loss of aggregate, longitudinal cracking in the wheel path and heavy block cracking. This road needs structural improvements by maintenance. Knollwood Drive has areas of bituminous that are stripping at approximately ½" in depth, numerous potholes, and patched areas. The road also has areas of pavement that are lower than the rest of the road. This section of Knollwood Drive is proposed to be reconstructed utilizing full depth reclamation (FDR).

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, and reduced maintenance costs. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a

portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 8.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 5" reclaimed based. The reclaimed base will be compacted and 3.5" bituminous will be constructed in two separate lifts. The road will be raised 6" to 1 foot in some areas to create an even roadway.

Sanitary sewer improvements along Knollwood Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

In 2019 the Watermain Fitting Review Report was completed and acknowledged that the watermain fittings on Knollwood Drive need to be reviewed. A water main exploratory excavation needs to be completed on this road to determine the type of fittings and if they need to be replaced.

Other improvements to Knollwood Drive include replacing existing driveways to the ROW line, installing new pavements markings, road signs, and removal and replacement of mailbox supports.

Proposed improvements to Knollwood Drive are shown on the typical section pages.

# Glory Road

In 2022, Glory Road was rated a 3 on the PACER scale. This means that the road is in poor condition and requires structural improvements. Alligator cracking is significant, and patching is deteriorating. This section of Glory Road is proposed to be reconstructed utilizing full depth reclamation (FDR).

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, and reduced maintenance costs. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 8.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 5" reclaimed based. The reclaimed base will be compacted and 3.5" bituminous will be constructed in two separate lifts. Sanitary sewer improvements along Glory Road include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Other improvements to Glory Road include replacing existing driveways to the ROW line, installing new pavements markings and removal and replacement of mailbox supports.

Proposed improvements to Glory Road are shown on the typical section pages.

# Commercial Full Depth Reclamation

#### Garrison Road

In 2023, Garrison Road was updated through the Copeland Mill & Overlay Project. This is a private road, and the city does not include it in the rehabilitation plan. However, the city had WiDSETH complete a pre- and post-construction evaluation of the road. This evaluation found that the PED ramps are in need of updating to be ADA compliant, the sanitary and storm sewer system utilities also require updating.

Sanitary sewer improvements were also noted in this pre and post construction evaluation. Improvements along Garrison Road include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Sanitary sewer improvements were also noted in this pre and post construction evaluation. Storm sewer improvements along Garrison Road include removal and replacement of the storm castings and curb boxes.

Other improvements to Garrison Road include updating the trail and pedestrian ramps to be ADA compliant.

#### **Elmwood Drive**

In 2022, Elmwood Drive was rated a 6 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Elmwood Drive has areas of bituminous that are stripping at approximately 1 ½"-2" in depth, deteriorating patching from construction entrances, curb issues and does not meet current City 10-ton design standards. The City of Baxter has determined that commercial and industrial roadways should meet 10-ton design requirements to better handle heavy commercial traffic commonly associated with commercial and industrial development and provide long-term benefit to area property owners. This road is proposed to be reconstructed utilizing full depth reclamation (FDR) and curb replacement.

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, reduced maintenance costs and a 10-ton design strength roadway, meeting City requirements. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 8.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 6" reclaimed based. The reclaimed base will be compacted and 6" of bituminous will be constructed in three separate lifts.

100% curb & gutter and concrete pavement/valley gutter replacement is proposed. Analysis indicates that when more than 50% of the curb & gutter requires replacement it is more economical to remove and replace all curb & gutter vs. selective removal and replacement.

Sanitary sewer improvements along Elmwood Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Storm sewer improvements along Elmwood Drive include removal and replacement of the storm castings and curb boxes.

Other improvements to Elmwood Drive include replacing existing driveways to the ROW line, replacing signage, installing new pavements markings and removal and replacement of mailbox supports.

Proposed improvements to Elmwood Drive are shown on the typical section pages.

# Forthun Road East Section

In 2022, this section of Forthun Road, east of the roundabout was rated a 4 on the PACER scale. This means that the road is showing an extreme loss of aggregate, longitudinal cracking in the wheel path and heavy block cracking. This road needs structural improvements by maintenance. Forthun Road has areas of bituminous that are stripping at approximately ½" in depth, numerous potholes and patched areas, curb and trail that needs repair and pedestrian ramps that need to be updated. This road does not meet current City 10-ton design standards. The City of Baxter has determined that commercial and industrial roadways should meet 10-ton design requirements to better handle heavy commercial traffic commonly associated with commercial and industrial development and provide long-term benefit to area property owners. This road is proposed to be reconstructed utilizing full depth reclamation (FDR) and curb replacement.

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, reduced maintenance costs and a 10-ton design strength roadway, meeting City requirements. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 8.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 6" reclaimed based. The reclaimed base will be compacted and 6" of bituminous will be constructed in three separate lifts.

100% curb & gutter and concrete pavement/valley gutter replacement is proposed. Analysis indicates that when more than 50% of the curb & gutter requires replacement it is more economical to remove and replace all curb & gutter vs. selective removal and replacement.

Sanitary sewer improvements along this section of Forthun Road include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Storm sewer improvements along this section of Forthun Road include removal and replacement of the storm castings and curb boxes.

The bituminous trail is showing signs of failure and is nearing the end of its useful life. The pedestrian curb ramps are not ADA compliant. Reconstruction of the trail and pedestrian ramps is proposed. The trail will be updated by removing the 2" of bituminous. 1" of class will be added to the 4" of existing based. 3" of new bituminous will be placed on top of the base. New concrete pedestrian curb ramps will be constructed, and truncated domes installed at all City-street crossings. Truncated domes are not proposed at private driveway crossings per ADA requirements. The reconstruction of ADA compliant pedestrian curb ramps will improve traffic safety at these intersections.

Other improvements to Forthun Road include replacing existing driveways to the ROW line, replacing signage, installing new pavements markings and removal and replacement of mailbox supports.

Proposed improvements to Forthun Road are shown on the typical section pages.

# Forthun Road West Section

In 2022, the section of Forthun Road west of the roundabout, was rated a 3 on the PACER scale. This means that the road is in poor condition and requires structural improvements. Forthun Road has areas of bituminous that are stripping at approximately ½" in depth, patching that is deteriorating, curb damage and drainage issues. This road does not meet current City 10-ton design standards. The City of Baxter has determined that commercial and industrial roadways should meet 10-ton design requirements to better handle heavy commercial traffic commonly associated with commercial and industrial development and provide long-term benefit to area property owners. This section of Forthun Road is proposed to be reconstructed utilizing full depth reclamation (FDR) and curb replacement.

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, reduced maintenance costs and a 10-ton design strength roadway, meeting City requirements. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 6.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 3" reclaimed based. 3" of reclaimed base will be added and the reclaimed base will be compacted. 6" of bituminous will then be constructed in three separate lifts.

100% curb & gutter and concrete pavement/valley gutter replacement is proposed. Analysis indicates that when more than 50% of the curb & gutter requires replacement it is more economical to remove and replace all curb & gutter vs. selective removal and replacement.

Sanitary sewer improvements along this section of Forthun Road include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Storm sewer improvements along this section of Forthun Road include removal and replacement of the storm castings and curb boxes.

Other improvements to Forthun Road include replacing existing driveways to the ROW line, replacing signage, installing new pavements markings and removal and replacement of mailbox supports.

Proposed improvements to Forthun Road are shown on the typical section pages.

#### **Edgewood Drive**

In 2022, this section of Edgewood Drive was rated a range of 5 to 6 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Edgewood Drive has

areas of bituminous that are stripping at approximately ½" in depth, significant potholes and breaking along the driveways. This road does not meet current City 10-ton design standards. The City of Baxter has determined that commercial and industrial roadways should meet 10-ton design requirements to better handle heavy commercial traffic commonly associated with commercial and industrial development and provide long-term benefit to area property owners. This section of Edgewood Drive is proposed to be reconstructed utilizing full depth reclamation (FDR) and curb replacement.

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, reduced maintenance costs and a 10-ton design strength roadway, meeting City requirements. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 8.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 5" reclaimed based. 1" of reclaimed base will be added and the reclaimed base will be compacted. 6" of bituminous will then be constructed in three separate lifts.

100% curb & gutter and concrete pavement/valley gutter replacement is proposed. Analysis indicates that when more than 50% of the curb & gutter requires replacement it is more economical to remove and replace all curb & gutter vs. selective removal and replacement.

Sanitary sewer improvements along this section of Edgewood Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Storm sewer improvements along this section of Edgewood Drive include removal and replacement of the storm castings and curb boxes.

Other improvements to Edgewood Drive include replacing existing driveways to the ROW line, replacing signage, installing new pavements markings and removal and replacement of mailbox supports.

Proposed improvements to Edgewood Drive are shown on the typical section pages.

#### Novotny Road

In 2022, this section of Novotny Road was rated a 6 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Novotny Road has areas of bituminous that are stripping at approximately ½" in depth and does not meet current City 10-ton design standards. The City of Baxter has determined that commercial and industrial roadways should meet 10-ton design requirements to better handle heavy commercial traffic commonly associated with commercial and industrial development and provide long-term benefit to area property owners. This road is proposed to be reconstructed utilizing full depth reclamation (FDR) and curb replacement.

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, reduced maintenance costs and a 10-ton design strength roadway, meeting City requirements. FDR uses a self-propelled

pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 8.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 5" reclaimed based. 1" of reclaimed base will be added and the reclaimed base will be compacted. 6" of bituminous will then be constructed in three separate lifts.

100% curb & gutter and concrete pavement/valley gutter replacement is proposed. Analysis indicates that when more than 50% of the curb & gutter requires replacement it is more economical to remove and replace all curb & gutter vs. selective removal and replacement. The median will remain in place.

Sanitary sewer improvements along this section of Novotny Road include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Storm sewer improvements along this section of Novotny Road include removal and replacement of the storm manhole lids, castings and curb boxes.

Other improvements to Novotny Road include replacing signage and installing new pavements markings.

Proposed improvements to Novotny Road are shown on the typical section pages.

#### Whispering Woods Lane

In 2022, this section of Whispering Woods Lane was rated a 7 on the PACER scale. This means that the road is beginning to show signs of aging and needs maintenance. Whispering Woods Lane has areas of bituminous that are stripping at approximately ½" in depth, numerous potholes and does not meet current City 10-ton design standards. The City of Baxter has determined that commercial and industrial roadways should meet 10-ton design requirements to better handle heavy commercial traffic commonly associated with commercial and industrial development and provide long-term benefit to area property owners. This road is proposed to be reconstructed utilizing full depth reclamation (FDR) and curb replacement.

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, reduced maintenance costs and a 10-ton design strength roadway, meeting City requirements. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 8.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 5" reclaimed based. 1" of reclaimed base will be added and the reclaimed base will be compacted. 6" of bituminous will then be constructed in three separate lifts.

100% curb & gutter and concrete pavement/valley gutter replacement is proposed. Analysis indicates that when more than 50% of the curb & gutter requires replacement it is more economical to remove and replace all curb & gutter vs. selective removal and replacement.

Sanitary sewer improvements along this section of Whispering Woods Lane include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Storm sewer improvements along this section of Whispering Woods Lane include removal and replacement of the storm castings and curb boxes.

Other improvements to Whispering Woods Lane include replacing existing driveways to the ROW line, replacing signage, installing new pavements markings and removal and replacement of mailbox supports.

Proposed improvements to Whispering Woods Lane are shown on the typical section pages.

#### **Dellwood Drive**

In 2022, this section of Dellwood Drive was rated a 6 on the PACER scale. This means that the road needs rehabilitation. Stripping is moderate to severe; block cracking is appearing, and longitudinal cracks are beginning to form near the edges. Dellwood Drive has areas of bituminous that are stripping at approximately ½" in depth, cracking in the cement is forming and the road does not meet current City 10-ton design standards. The City of Baxter has determined that commercial and industrial roadways should meet 10-ton design requirements to better handle heavy commercial traffic commonly associated with commercial and industrial development and provide long-term benefit to area property owners. This road is proposed to be reconstructed utilizing full depth reclamation (FDR) and curb replacement.

The benefits of the FDR process include the reduction of reflective cracking, longer pavement life (typically 20 years with proper maintenance), improved ride, reduced maintenance costs and a 10-ton design strength roadway, meeting City requirements. FDR uses a self-propelled pulverizing machine to grind the entire pavement section and a portion of the underlying gravel base material in place. This process destroys all existing pavement cracks and homogenizes the material into a usable aggregate base platform on which to pave a new bituminous surface.

FDR of the top 8.5" of the pavement and base section will be completed in two passes. After FDR is complete, 3.5" of material will be removed leaving a 5" reclaimed based. 1" of reclaimed base will be added and the reclaimed base will be compacted. 6" of bituminous will then be constructed in three separate lifts.

100% curb & gutter and concrete pavement/valley gutter replacement is proposed. Analysis indicates that when more than 50% of the curb & gutter requires replacement it is more economical to remove and replace all curb & gutter vs. selective removal and replacement. Sanitary sewer improvements along this section of Dellwood Drive include removal and replacement of the sanitary sewer manhole lids, castings, and rings.

Storm sewer improvements along this section of Dellwood Drive include removal and replacement of the storm manhole lids, castings and curb boxes.

Other improvements to Dellwood Drive include replacing existing driveways to the ROW line, replacing signage, installing new pavements markings and removal and replacement of mailbox supports. A turn lane is proposed to be added at the intersection for the Menards entrance. This is shown in the proposed typical section.

Proposed improvements to Dellwood Drive are shown on the typical section pages.

# **Do Nothing Option**

The do-nothing option was considered as an option to all proposed improvements. Doing nothing does not promote preserving the existing roadway network via pavement management and does not prepare for future long-term transportation plans being considered by the City.

# **ESTIMATED PROJECT COSTS**

Estimated project costs for the proposed improvements are summarized below:

# Mill & Overlay (Residential)

Assessable Roadway:	\$976,047.43
Sanitary Sewer:	\$145,802.94
Watermain:	\$202,774.73
City Trail	<u>\$2,541.37</u>
Subtotal:	\$1,327,166.46

#### Full Depth Reclamation (Residential)

Assessable Roadway:	\$1,093,635.05
Sanitary Sewer:	\$72,137.34
Watermain:	\$88,385.99
City Trail	\$31,589.72
Subtotal:	\$1,285,748.10

#### Full Depth Reclamation (Commercial)

\$1,845,027.78
\$175,506.08
\$334,773.10
\$78,971.11
\$41,100.69
\$102,953.3 <u>3</u>
\$2,578,332.08

#### **ESTIMATED TOTAL PROJECT COST:**

\$5,191,246.64

The costs estimated herein are intended to convey a general and approximate picture of the costs that would probably be incurred today in carrying out the proposed work. Costs can vary widely depending upon many factors such as weather, economic conditions, size of project, and the workload of available contractors. Actual costs can only be determined by bidding the project. Detailed breakdowns of the estimates are provided in the Appendix. Costs estimated above include estimated construction costs, 15% contingencies, and soft costs including engineering, administration, financing, and legal fees.

The costs are calculated in 2023 dollars and need to be updated in the future based on the current economic conditions at the time the project is being considered.

The Engineer's Estimate is located in Appendix C.

# **PROJECT IMPLEMENTATION**

Funding for improvements would be obtained from assessments to benefitted property owners and contributions from the City of Baxter. The estimated assessments included in this Report were calculated in accordance with City policy utilizing the Unit Assessment Method and Front Footage Assessment Method. A detailed description of the assessment methods utilized by the City of Baxter can be found in the most recent version of the "City of Baxter – Assessment Policy for Public Initiated Improvements."

Based on the improvement type, project costs have been split into various project areas for the purposes of assessment and city cost calculation. Utilizing the previously mentioned methodologies, the following project allocations were determined.

# Mill & Overlay (Residential)

In accordance with City policy, 100% of Mill & Overlay improvement costs, up to 26' in width in "residential" areas, are assessed to the adjacent benefitting properties. Zoning districts included in this "residential" assessment category include RR, RS, R-1, R-1A, R-2, and R3. In accordance with past practice, the Unit Assessment Method was selected. The unit assessment was calculated by dividing the total project cost by the number of Equivalent Residential Unit (ERU) units in the project area.

Costs for the Sanitary Sewer, Watermain and Trail improvements are assumed to be paid by the City and not assessed.

Based on the above methodology and assumptions, the following were determined:

<u>Total Estimated Project Costs:</u>	<b>\$1,327,166.46</b>
City Sanitary Sewer (manhole lids, castings, and rings):	\$145,802.94
City Watermain (exploratory excavation and hydrant restoration):	\$202,774.73
City Trail:	\$2,541.37
Total Remaining Assessable Costs:	\$976,047.43
Total Equivalent Residential Units:	206
Estimated Cost per Unit:	\$4,738.09

In accordance with City policy, assessments for mill and overlay projects are collected over a 7-year term. The interest rate would be set at 1.5% above the True Interest Cost rate on the bond issue. Interest would also be added based on the number of days between when the assessment is adopted by the Council and the end of the calendar year in which the assessment is levied.

#### Full Depth Reclamation (Residential)

In accordance with City policy, 100% of full depth reclamation improvement costs, up to 26' in width, in "residential" areas, are assessed to the adjacent benefitting properties. Zoning districts included in this "residential" assessment category include RR, RS, R-1, R-1A, R-2, and R3. In accordance with past practice, the Unit Assessment Method was selected. The unit assessment was calculated by dividing the total project cost by the number of Equivalent Residential Unit (ERU) units in the project area.

Costs for Storm Sewer, Sanitary Sewer, Watermain and Trail improvements are assumed to be paid by the City and not assessed.

Based on the above methodology and assumptions, the following were determined:

Total Estimated Project Costs:	\$1,285,748.10
City Sanitary Sewer (manhole lids, castings, and rings):	\$72,137.34
City Watermain (exploratory excavation and hydrant restoration):	\$88,385.99
City Trail:	\$31,589.72
Total Remaining Assessable Costs:	\$1,093,635.05
Total Equivalent Residential Units:	83
Estimated Cost per Unit:	\$13,176.33

This estimated cost per unit for the Residential Full Depth Reclamation project is higher than that of similar projects. This is due to the large properties on these roads that are not assessed with this project in accordance with the assessment policy.

In accordance with City policy, assessments for full depth reclamation projects are collected over a 12-year term. The interest rate would be set at 1.5% above the True Interest Cost rate on the bond issue. Interest would also be added based on the number of days between when the assessment is adopted by the Council and the end of the calendar year in which the assessment is certified.

# **Full Depth Reclamation (Commercial)**

In accordance with City policy, 100% of full depth reclamation improvement costs, up to 44' in width, in "commercial" areas, are assessed to the adjacent benefitting properties. Zoning districts included in this "commercial" assessment category include R-2, R-3, OS, C1, C2 and I. In accordance with past practice, the front footage assessment method was selected. Assessments are calculated by dividing the total assessable project cost by the total assessable frontage. The assessable frontage is based on the length as calculated at the building set back line which is 35' in commercial zoning districts.

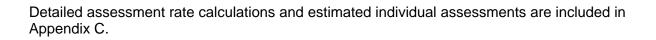
Costs for roadway improvements in excess of 44' are considered to be City costs.

Costs for Storm Sewer, Sanitary Sewer, Watermain and Trail improvements are assumed to be paid by the City and not assessed.

Based on the above methodology and assumptions, the following were determined:

Total Estimated Project Costs:	\$2,578,332.08
City Roadway:	\$175,506.08
City Sanitary Sewer (manhole lids, castings, and rings):	\$78,971.11
City Storm Sewer (castings):	\$334,773.10
City Watermain (exploratory excavation and hydrant restoration):	\$41,100.69
City Trail:	\$102,953.33
Total Remaining Assessable Costs:	\$1,845,027.78
Total Estimated Frontage:	7,566
Estimated Cost per Foot:	\$243.86

In accordance with City policy, assessments for full depth reclamation projects are collected over a 12-year term. The interest rate would be set at 1.5% above the True Interest Cost rate on the bond issue. Interest would also be added based on the number of days between when the assessment is adopted by the Council and the end of the calendar year in which the assessment is certified.



# **CONCLUSIONS AND RECOMMENDATIONS**

This Report has studied the feasibility of roadway improvements and other related work for the following roadway segments:

#### Residential Mill & Overlay:

- Jepson Road in its entirety.
- Kingwood Drive in its entirety.
- Knollwood Court in its entirety.
- Fairfax Road in its entirety.
- Fairfax Court in its entirety.
- Cottage Grove Drive in its entirety.
- Northwoods Drive in its entirety.
- Camden Road in its entirety.
- Parkwood Drive (Mountain Ash Drive to Kingwood Drive)
- Kenwood Drive (Fairview Road to 1,590' north of Fairview Road)
- Cherrywood Drive (Inglewood Drive to Excelsior Road)

#### Residential Full Depth Reclamation:

- Interlacken Road in its entirety.
- Fairmont Court in its entirety.
- Edmonton Road in its entirety.
- Knollwood Drive (Fairview Road to Donald Street)
- Donald Street in its entirety.
- Glory Road (1,600' west of Isle Drive to 1,125' west of Isle Drive)

# Commercial Full Depth Reclamation:

- Garrison Road Trail and City Utility Improvements
- Elmwood Drive in its entirety.
- Forthun Road (Elder Dr to Elmwood Drive)
- Forthun Road (570' west of roundabout to 386' west of roundabout)
- Edgewood Drive (530' north of Woida Road to Novotny Road)
- Novotny Road (300' west of TH 371 to TH 371)
- Whispering Woods Lane (Dellwood Drive to Pearl Drive)
- Dellwood Drive (430' north of Woida Road to Whispering Woods Lane)

The total cost of all improvements is estimated at \$5,191,246.64

#### Residential Area – Mill & Overlay

The mill & overlay residential area includes the mentioned roads. In accordance with the 2021 Pavement Management Plan, Mill & Overlay is the recommended pavement maintenance technique. Other improvements include manhole and casting replacements, watermain exploratory excavation, and hydrant restoration.

Assessments were calculated using the Unit Assessment Method and are estimated to be \$4,738.09 per ERU.

The Mill & Overlay cost summary is as follows:

Total Estimated Project Cost:	<u>\$1,327,166.46</u>
City Costs:	\$389,023.78
Assessable Project Costs:	\$976,047.43
Benefiting Property Assessments:	938,142.68
City Property Assessments:	\$37,904.75

Total Estimated City Cost (City Costs + Assessments): \$426,928.53

# Residential Area - Full Depth Reclamation

The residential FDR area includes the mentioned roads. In accordance with the 2021 Pavement Management Plan, FDR is the recommended reconstruction technique. Other improvements include manhole and casting replacements and watermain exploratory excavation.

Assessments were calculated using the Unit Assessment Method and are estimated to be \$13,176.33 per ERU.

The residential FDR cost summary is as follows:

Total Estimated Project Cost:	<u>\$1,285,748.10</u>
City Costs:	\$192,113.05
Assessable Project Costs:	\$1,093,635.05
Benefiting Property Assessments: City Property Assessments:	\$1,093,635.05 \$0
City i Toperty Assessments.	ΨΟ

Total Estimated City Cost (City Costs + Assessments): \$192,113.05

#### **Commercial Area - Full Depth Reclamation**

The commercial FDR area includes the mentioned roads. In accordance with the 2021 Pavement Management Plan, FDR is the recommended reconstruction technique. Other improvements include manhole and casting replacements, trail, and crossings renovations to be ADA compliant, and replacement of curb and gutter.

Assessments were calculated using the Frontage Assessment Method and are estimated to be \$243.86 per foot.

The FDR cost summary is as follows:

Total Estimated Project Cost:	<b>\$2,578,332.08</b>
City Costs:	\$866,206.78
Assessable Project Costs:	\$1,845,027.78
Benefiting Property Assessments:	\$1,712,125.30
City Frontage Contributions:	\$132,902.48
Total Estimated City Cost (City Costs + Assessments):	\$999,109.26

# **Total Project Area Cost Summary**

Estimated Total Project Cost:	\$5,191,246.64	
Estimated Assessable Project Costs		
Benefitting Property Assessments:	\$3,743,903.03	<b>72%</b>
City of Baxter Frontage Contribution:	\$170,807.23	
City Cost Summary		
Mill & Overlay – City Assessments:	\$37,904.75	
Mill & Overlay – Sanitary Sewer:	\$145,802.94	
Mill & Overlay – Watermain:	\$202,774.73	
Mill & Overlay – Trail:	\$2,541.37	
FDR (Residential) - Sanitary Sewer:	\$72,137.34	
FDR (Residential) – Watermain:	\$88,385.99	
FDR (Residential) – Trail:	\$31,589.72	
FDR (Commercial) - City Roadway:	\$175,506.08	
FDR (Commercial) – City Assessments:	\$132,902.48	
FDR (Commercial) – Sanitary Sewer:	\$78,971.11	
FDR (Commercial) – Storm Sewer:	\$334,773.10	
FDR (Commercial) – Watermain:	\$41,100.69	
FDR (Commercial) - Trail:	\$102,953.33	
Total Estimated City Cost:	\$1,447,343.61	28%

In conclusion, we believe the proposed improvements are feasible and we do not foresee any major problems other than normal inconveniences associated with construction such as noise, and traffic disturbance. These situations would be temporary in nature, and we would anticipate the construction would last approximately 3 months depending on the contractor, weather, and other factors.

We recommend the City proceed as follows:

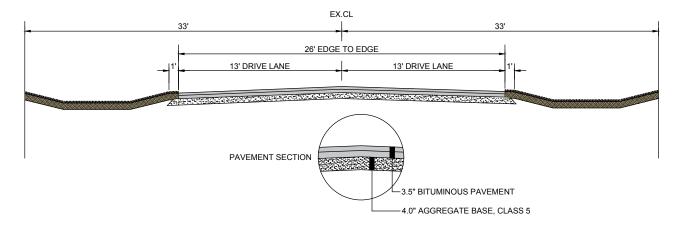
- 1. Utilities Commission review of feasibility report, plans, and specifications.
- 2. City Council review and approval of feasibility report and plans and specifications.
- 3. Advertise the project for public bidding.
- 4. Hold Improvement Hearing.
- 5. Review bids and update project costs and assessments.
- 6. Prepare final costs and assessments and schedule the Assessment Hearing.
- 7. Conduct Assessment Hearing and adopt assessment roles.
- 8. Award the construction contract.
- 9. Construction of the project.

# **APPENDICES**

- Appendix A
  - o Existing Typical Section Sheets
- Appendix B
  - o Proposed Typical Section Sheets
- Appendix C
  - o Engineers Estimate and Assessment Calculations
- Appendix D
  - o Project Schedule
- Appendix E
  - o Reevaluated Roads

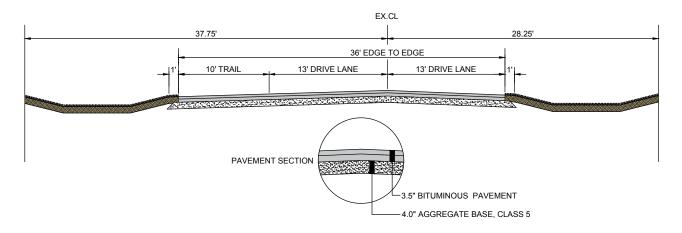
# **Appendix A**

**Existing Typical Section Sheets** 



# **EXISTING TYPICAL SECTION**

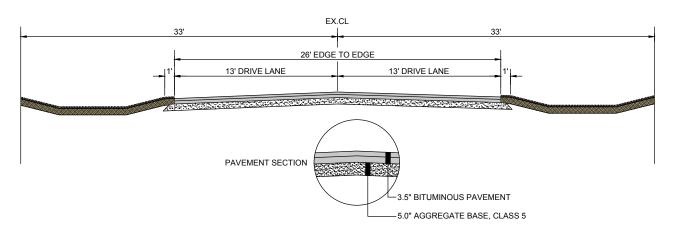
JEPSON ROAD, KINGWOOD DRIVE, KNOLLWOOD COURT, CHERRYWOOD DRIVE



# **EXISTING TYPICAL SECTION**

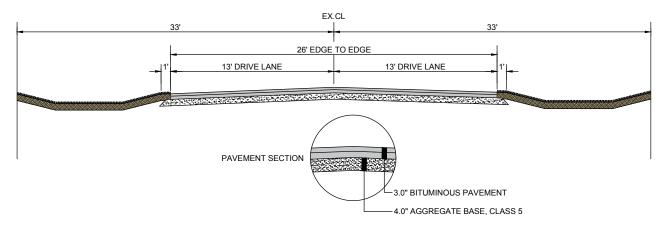
INTERLACKEN ROAD

	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	DATE	REVE REVISIONS DESCRIPTION	SCALE: AS SHOWN DRAWN BY: TJS	2024 MILL & OVERLAY AND FULL DEPTH RECLAIMATION CITY OF BAXTER BAXTER, MN	SHEET NO.
ARCHITECTS - ENGINEERS - SCIENTISTS - SURVEYORS	ALEX D. BITTER DATE: LIC. NO. 57744		1	JOB NUMBER: 2023-10353	TYPICAL SECTIONS	SHEET 1 OF 5



# **EXISTING TYPICAL SECTION**

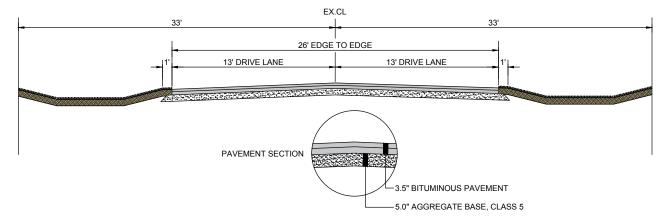
FAIRFAX ROAD, FAIRFAX COURT, FAIRMONT COURT, KENWOOD DRIVE, KNOLLWOOD DRIVE



# **EXISTING TYPICAL SECTION**

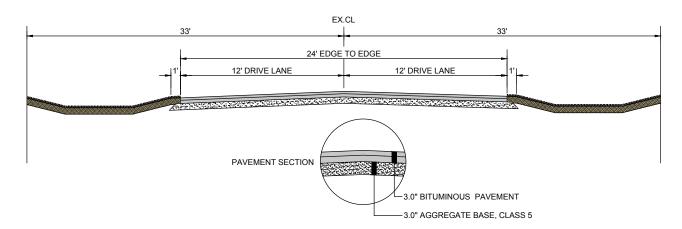
EDMONTON ROAD, COTTAGE GROVE DRIVE, NORTHWOODS DRIVE, CAMDEN ROAD, PARKWOOD DRIVE

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# **EXISTING TYPICAL SECTION**

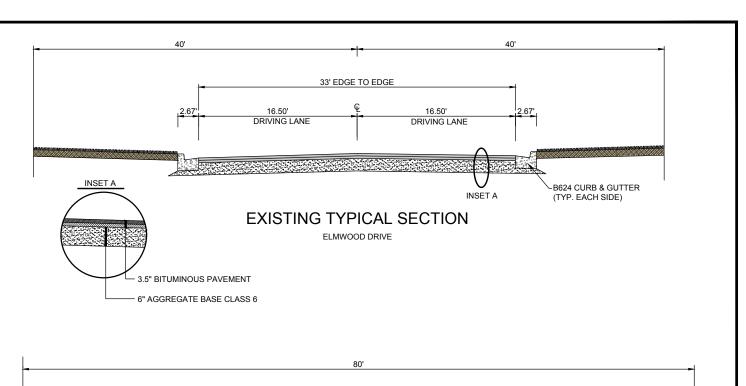
GLORY ROAD

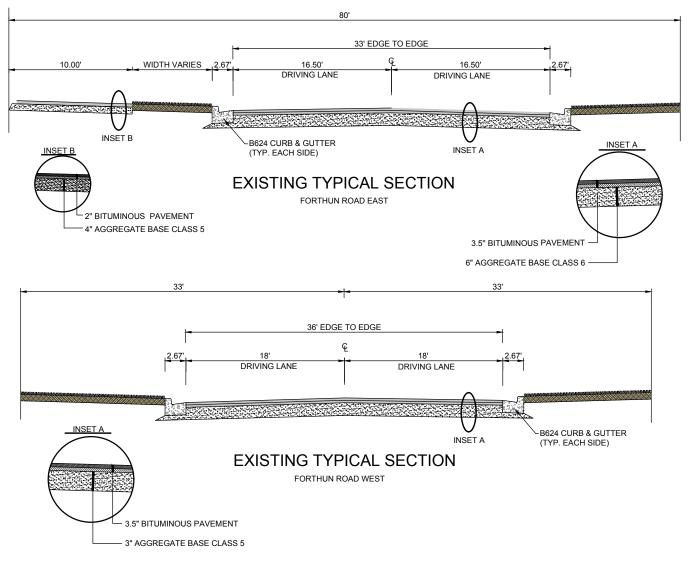


# **EXISTING TYPICAL SECTION**

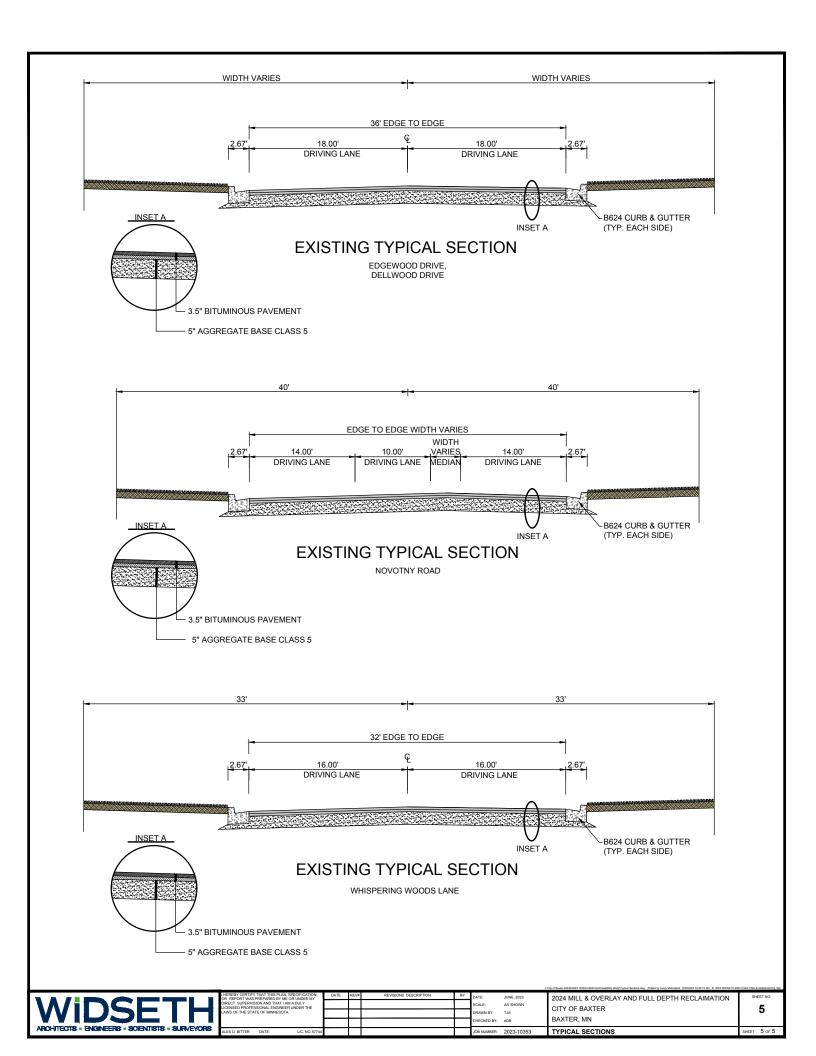
DONALD STREET

	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	DATE	REVE REVISIONS DESCRIPTION	BY	SCALE: AS SHOWN DRAWN BY: TJS	2024 MILL & OVERLAY AND FULL DEPTH RECLAIMATION CITY OF BAXTER BAXTER, MN	SHEET NO.
ARCHITECTS - ENGINEERS - SCIENTISTS - SURVEYORS	ALEX D. BITTER DATE: LIC. NO.57744				JOB NUMBER: 2023-10353	TYPICAL SECTIONS	SHEET 3 OF 5



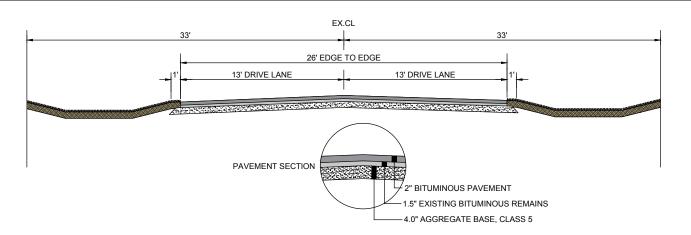


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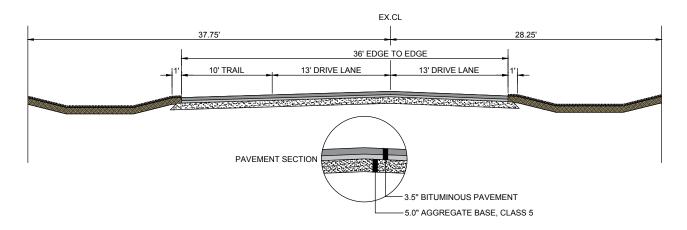
# **Appendix B**

**Proposed Typical Section Sheets** 



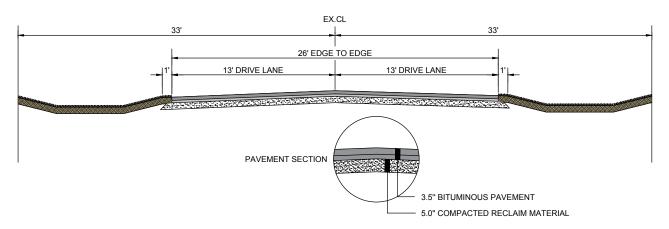
# PROPOSED MILL AND OVERLAY TYPICAL SECTION

JEPSON ROAD, KINGWOOD DRIVE, KNOLLWOOD COURT, CHERRYWOOD DRIVE



# PROPOSED FULL DEPTH RECLAMATION TYPICAL SECTION

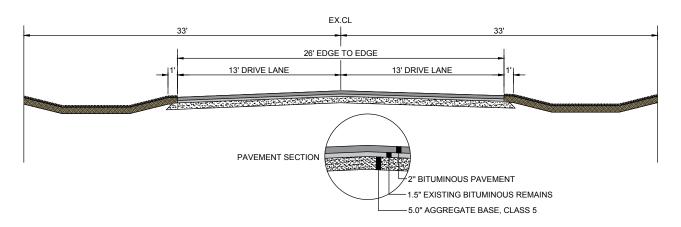
INTERLACKEN ROAD



# PROPOSED FULL DEPTH RECLAMATION TYPICAL SECTION

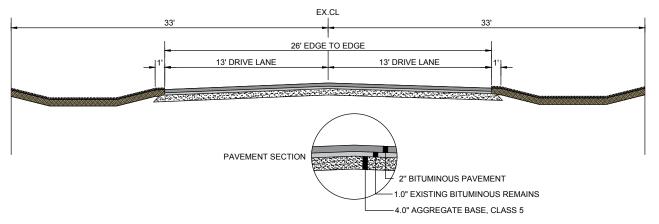
GLORY ROAD, KNOLLWOOD DRIVE, FAIRMONT COURT, DONALD STREET, EDMONTON ROAD

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ARCHITECTS - ENGINEERS - SCIENTISTS - SURVEYORS	ALEX D. BITTER DATE: LIC. NO.57744				JOB NUMBER: 2023-10353	TYPICAL SECTIONS	знеет 1 of 6



# PROPOSED MILL AND OVERLAY TYPICAL SECTION

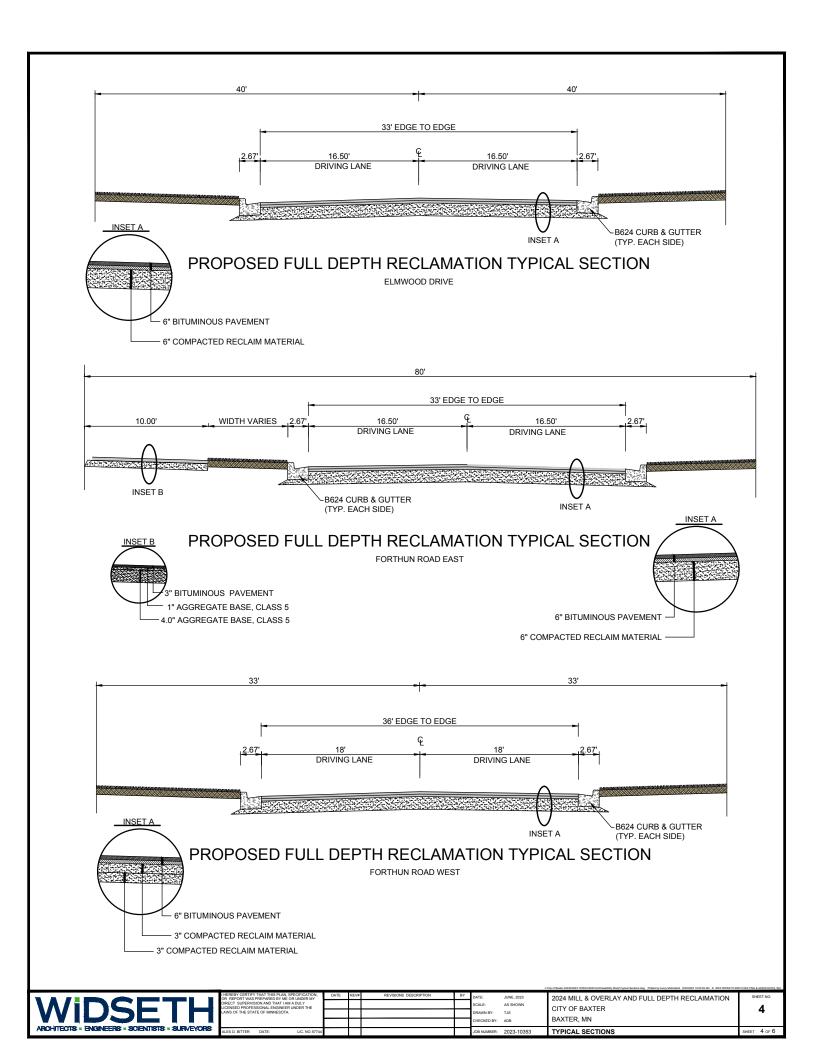
FAIRFAX ROAD, FAIRFAX COURT, KENWOOD DRIVE

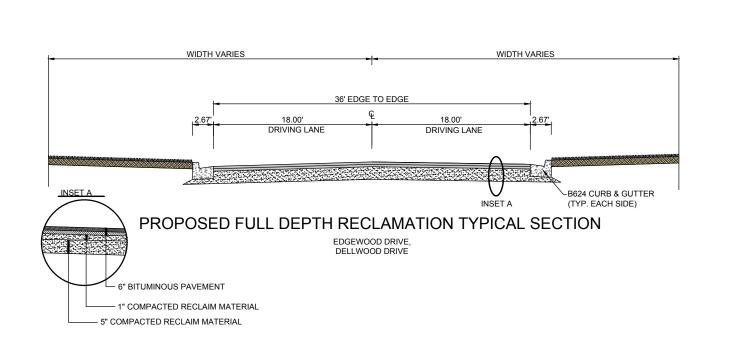


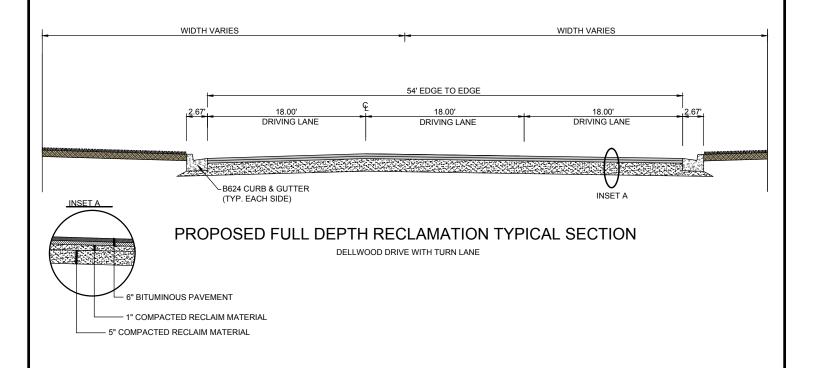
# PROPOSED MILL AND OVERLAY TYPICAL SECTION

COTTAGE GROVE DRIVE, NORTHWOODS DRIVE, CAMDEN ROAD, PARKWOOD DRIVE

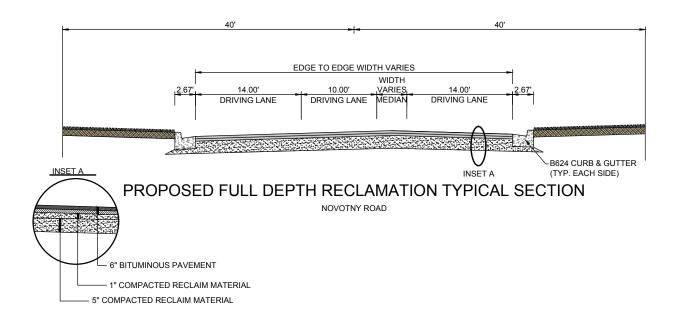
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	HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, IR REPORT WAS PREPARED BY ME OR LINDER MY	DATE	REV#	REVISIONS DESCRIPTION	BY	DATE:	JUNE, 2023	2024 MILL & OVERLAY AND FULL DEPTH RECLAIMATION	SHEET NO.

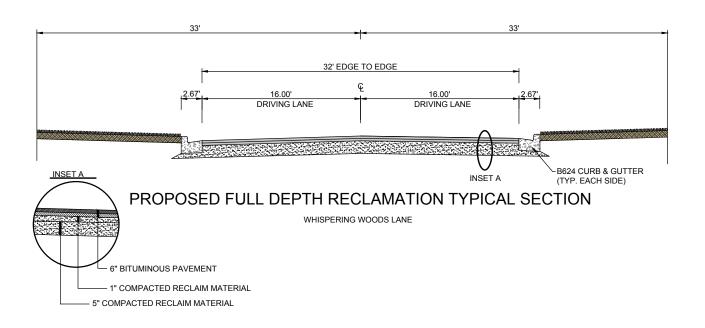






						2	City of Baxter-3222/2023-10353/CADD/Civil Feasibility Study/Typical Sections.chag Plotted by Avery Mulholland 8/23/2023 10:32:52 AM 6/2023 WIDSETH SA	ITH NOLTING & ASSOCIATES, INC.
	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR LINDER MY	DATE	REV# REVISIONS DESCRIPTION	BY	DATE:	JUNE, 2023	2024 MILL & OVERLAY AND FULL DEPTH RECLAIMATION	SHEET NO.
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	LAWS OF THE STATE OF MINNESOTA.				DRAWN BY:	TJS	CITY OF BAXTER	ן ס
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ARCHITECTS - ENGINEERS - SCIENTISTS - SURVEYORS	ALEX D. BITTER DATE: LIC. NO.57744				JOB NUMBER:	2023-10353	TYPICAL SECTIONS	SHEET 5 OF 6





	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY	DATE	REV#	REVISIONS DESCRIPTION	BY	DATE: J	JUNE, 2023	2024 MILL & OVERLAY AND FULL DEPTH RECLAIMATION	SHEET NO.
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ARCHITECTS - ENGINEERS - SCIENTISTS - SURVEYORS	ALEX D. BITTER DATE: LIC. NO.57744					JOB NUMBER: 2	2023-10353	TYPICAL SECTIONS	sheet 6 of 6

## **Appendix C**

**Engineer's Estimate & Assessment Calculations** 

2023-10353 58

					RESIDENTIAL N	1&0						
								JEPS	ON ROAD			
					ASSESSABLE	ROADWAY	SANITARY	SEWER	WA	TER	TOTAL PROJ	ECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL CO
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.64	\$6,400.00	0.08	\$800.00	0.28	\$2,800.00	1	\$10,000.0
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			2	\$470.00			2	\$470.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00								
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00								
6	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50								
7	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00			56	\$224.00			56	\$224.00
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00							-	
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00			11	\$65.33	<b>-</b>		11	\$65.33
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00 \$300.00			- "	\$65.33			11	\$65.33
11	2105.607	RECLAIMED AGGREGATE BASE PREPARATION  EXCAVATION SPECIAL	ROAD STA	\$300.00								
13	2105.607	COMMON EXCAVATION	CUYD	\$15.00								
15	2123.510	COMMON LABORERS	HOUR	\$100.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.610	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.0
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00		\$400.00	-	\$400.00	-	\$400.00		<b>\$1,200.</b> 0
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	1786	\$3,572.00					1786	\$3,572.0
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00		40,012.00						,.
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00								
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3.C)	TON	\$95.00	216	\$20,487.65	1	\$94.64			217	\$20,582.
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00								
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00								
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00								
27	2504.502	HYDRANT	EACH	\$5,500.00					1	\$5,500.00	1	\$5,500.0
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00					1	\$2,500.00	1	\$2,500.0
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00					1	\$1,500.00	1	\$1,500.0
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00					4	\$2,800.00	4	\$2,800.0
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					1	\$325.00	1	\$325.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					1	\$250.00	1	\$250.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00								
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			2	\$2,400.00			2	\$2,400.0
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00								
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	\$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00								
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00				****		*****	1	
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.63	\$1,890.00	0.08	\$240.00	0.29	\$870.00	<u> </u>	\$3,000.0
49 50	2564.518 2573.502	SIGN PANELS TYPE C STORM DRAIN INLET PROTECTION	SQ FT EACH	\$60.00 \$165.00							<u> </u>	
50	2573.502 2573.503		EACH LIN FT	\$165.00 \$5.00					<b>-</b>		<b>——</b>	
52	2573.503 2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER SILT FENCE, TYPE MS	LIN FT	\$5.00 \$4.00							<u> </u>	_
53	2573.503 2573.501	SILT FENCE, TYPE MS STABILIZED CONSTRUCTION EXIT	EACH	\$4.00 \$1,200.00				1	l		<u> </u>	
54	2573.501	SCREENED TOPSOIL BORROW	CU YD	\$1,200.00 \$45.00	12	\$540.00					12	\$540.00
55	2574.507	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$45.00 \$1.75	2	\$3.15					2	\$3.15
56	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)  FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75							F -	1
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50								
58	2575.504	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POLIND	\$17.50								
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	4	\$25.20					4	\$25.20
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	63	\$220.50					63	\$220.50
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.0
62	2575.605	SEEDING	ACRE	\$600.00	0.03	\$18.00					0.03	\$18.00
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
64	2582.503	4" BROKEN LINE PAINT	LINFT	\$0.85	350	\$297.50					350	\$297.50
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85								
CO	FIMATED CONS NTINGENCIES BTOTAL:	STRUCTION COST: (8%):		\$3,964,270.88 \$312,875.04 \$4,281,412.55	61%	\$34,794.00 \$2,783.52 \$37,577.52	9%	\$5,183.97 \$414.72 \$5,598.69	30%	\$17,435.00 \$1,394.80 \$18,829.80		\$57,412 \$4,593. \$62,006
		EGAL, FINANCE, ADMIN AND OTHER COSTS (259)		\$1,070,353.14		\$9,394.38		\$1,399.67		\$4,707.45		\$15,501
EN												

BAXTER, MN Monday, August 28, 2023

									KINGWOOD				_	
ITEM	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ASSESSABLE RO	DADWAY	TRAIL		SANITARY SE		WATER		TOTAL PROJ	
NO.	SPEC NO.	TEM BESSIAL TION	0	ONIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.81	\$8,100.00	0.01	\$100.00	0.05	\$500.00	0.13	\$1,300.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00					7	\$1,645.00			7	\$1,645.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00	4	****						-	4	
5	2104.502 2104.502	REMOVE SIGN REMOVE MAIL BOX SUPPORT	EACH EACH	\$40.00 \$45.00	4	\$160.00							4	\$160.00
6	2104.502	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50										
7	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00					196	\$784.00			196	\$784.00
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00										
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00										
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00					38	\$228.67			38	\$228.67
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00										
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00										
13 15	2105.607 2123.510	COMMON EXCAVATION COMMON LABORERS	CU YD HOUR	\$15.00 \$100.00	2	\$200.00	2	\$200.00	2	\$200.00	2	\$200.00	8	\$800.00
16	2123.510	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	2	\$290.00	8	\$1,160,00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	2	\$400.00	8	\$1,600.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00										
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	7222	\$14,444.73	64	\$128.33					7287	\$14,573.07
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00										
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00										
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	872	\$82,845.37	8	\$734.16	3	\$326.93			883	\$83,906.46
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00					5	\$390.02				\$390.02
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00										
26 27	2503.602 2504.502	CONNECT TO EXISTING STORM SEWER HYDRANT	EACH EACH	\$1,300.00 \$5,500.00							2	\$11 000 00	2	\$11,000.00
28	2504.502	HYDRANT RESTORATION	EACH	\$2,500.00							2	\$5.000.00	2	\$5,000.00
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$2,500.00							2	\$3,000.00	2	\$3,000.00
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00							12	\$8,400.00	12	\$8,400.00
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00							1	\$325.00	1	\$325.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00							1	\$250.00	1	\$250.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00										
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00					7	\$8,400.00			7	\$8,400.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00										
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00										
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00										
38	2506.602 2506.602	RECONSTRUCT DRAINAGE STRUCTURE  GROUT CATCH BASIN OR MANHOLE	EACH CU YD	\$2,000.00 \$600.00										
40	2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	\$500.00										
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50										
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50										
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00										
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00										
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50										
46	2531.618	TRUNCATED DOMES	SQ FT	\$65.00										
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00										
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.75	\$2,250.00	0.01	\$30.00	0.07	\$210.00	0.17	\$510.00	1	\$3,000.00
49	2564.518	SIGN PANELS TYPE C	SQFT	\$60.00	28	\$1,695.00							28	\$1,695.00
50 51	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00								$\vdash$	-	
51	2573.503 2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER SILT FENCE. TYPE MS	LIN FT	\$5.00 \$4.00								$\vdash$		
53	2573.503	STABILIZED CONSTRUCTION EXIT	EACH	\$4.00										
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	59	\$2,655.00						$\vdash$	59	\$2,655.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	12	\$21.00							12	\$21.00
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75										
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50										
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50										
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	24	\$168.00							24	\$168.00
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	420	\$1,470.00							420	\$1,470.00
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00							10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00	0.20	\$120.00	-					$\vdash$	0.20	\$120.00
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85	2380	\$2.023.00						$\vdash$	2380	\$2,023.00
65	2582.503 2582.503	4" BROKEN LINE PAINT 8" SOLID LINE PAINT	LIN FT LIN FT	\$0.85 \$0.85	168	\$2,023.00	<del>                                     </del>				<del>                                     </del>	$\vdash$	168	\$2,023.00
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	100	\$192.00						$\vdash$	100	V2.00
30	2302.303	4 DOODLE GOLD LINE FAINT	CINT	90.03	1		l		L		I		L	
ES	TIMATED CONS	STRUCTION COST:	5	3,964,270.88	72%	\$117,434.90	1%	\$1,882.49	8%	\$13,374.62	19%	\$30,675.00	100.0%	\$163,367.0
	NTINGENCIES			312,875.04		\$9,394.79		\$150.60		\$1,069.97		\$2,454.00		\$13,069.3
	BTOTAL:	•		\$4,281,412.55		\$126,829.69	•	\$2,033.09		\$14,444.59		\$33,129.00	4.12%	\$176,436.3
		EGAL, FINANCE, ADMIN AND OTHER COSTS (25%		1,070,353.14		\$31,707.42		\$508.27		\$3,611.15		\$8,282.25		\$44,109.0
	TIMATED TOTA	L PROJECT COST:	9	5,351,765.68		\$158,537.12		\$2,541.37		\$18,055.74		\$41,411.25		\$220,545.4

									OOD COURT			
ITEM					ASSESSABLE RO	DADWAY	SANITARY SE	WER	WATER		TOTAL PROJ	ECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.67	\$6,700.00	0.08	\$800.00	0.25	\$2,500.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			2	\$470.00			2	\$470.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00								
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00								
6	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50								
7	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00			56	\$224.00			56	\$224.00
8 9	2104.503 2104.504	REMOVE CURB & GUTTER REMOVE CONCRETE PAVEMENT	LIN FT SQ YD	\$4.00 \$10.00								
10	2104.504	REMOVE CONCRETE PAVEMENT  REMOVE BITUMINOUS PAVEMENT	SQYD	\$6.00			11	\$65.33			11	\$65.33
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00								
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
13	2105.607	COMMON EXCAVATION	CU YD	\$15.00								
15	2123.510	COMMON LABORERS	HOUR	\$100.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.610	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE		\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00	2097	\$4.194.67					2097	\$4,194.67
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00 \$90.00	2097	\$4,194.67			1		2097	\$4,194.67
21	2301.504	CONCRETE PAVEMENT 8* BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD SQ YD	\$90.00 \$45.00		<u> </u>					<u> </u>	
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$45.00	253	\$24,059.04	1	\$94.64			254	\$24,153.67
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00			1	\$112.90			1	\$112.90
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00								
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00								
27	2504.502	HYDRANT	EACH	\$5,500.00					1	\$5,500.00	1	\$5,500.00
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00					1	\$2,500.00	1	\$2,500.00
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00					1	\$1,500.00	1	\$1,500.00
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00					4	\$2,800.00 \$325.00	1	\$2,800.00 \$325.00
31	2504.602 2504.602	ADJUST VALVE BOX VALVE BOX MID SECTION	EACH EACH	\$325.00 \$250.00					1	\$325.00	1	\$325.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00					·	\$255.55	· ·	¥200.00
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			2	\$2,400.00			2	\$2,400.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00				. ,				.,
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00								
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00								
41	2521.518 2521.518	6" CONCRETE WALK 3" BITUMINOUS WALK	SQ FT SQ FT	\$17.50 \$3.50								
43	2521.516	CONCRETE CURB & GUTTER DESIGN B624	LINFT	\$3.50								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQ FT	\$65.00								
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00								
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.67	\$2,010.00	0.08	\$240.00	0.25	\$750.00	1	\$3,000.00
49	2564.518	SIGN PANELS TYPE C	SQFT	\$60.00							<u> </u>	
50 51	2573.502 2573.503	STORM DRAIN INLET PROTECTION	EACH LIN FT	\$165.00 \$5.00		<del>                                     </del>					<u> </u>	
51	2573.503 2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER SILT FENCE. TYPE MS	LIN FT	\$5.00 \$4.00			<del>                                     </del>				<u> </u>	
53	2573.503	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00								
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	16	\$720.00					16	\$720.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	2	\$4.20					2	\$4.20
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75								
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50								
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50							<u> </u>	
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	5 84	\$33.60 \$294.00					5 84	\$33.60 \$294.00
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX WATER	POUND MGAL	\$3.50	10	\$294.00 \$450.00					10	\$294.00 \$450.00
62	2575.523 2575.605	WATER SEEDING	MGAL ACRE	\$45.00 \$600.00	0.04	\$450.00					0.04	\$450.00
63	25/5.605	4" SOLID LINE PAINT	LINET	\$0.00	0.04	Q2.4.00						
64	2582.503	4" BROKEN LINE PAINT	LINFT	\$0.85	600	\$510.00					600	\$510.00
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85								
		STRUCTION COST:		\$3,964,270.88	64%	\$39,889.50	9%		27%	\$17,015.00	100%	\$62,201.37
	NTINGENCIES	(8%):		\$312,875.04		\$3,191.16		\$423.75		\$1,361.20	,	\$4,976.11
	BTOTAL:	COAL ENIANCE ADMINIAND OTHER COOTS (CC	v ).	\$4,281,412.55		\$43,080.66		\$5,720.62		\$18,376.20	1.57%	
		EGAL, FINANCE, ADMIN AND OTHER COSTS (259	10 J.	\$1,070,353.14		\$10,770.17		\$1,430.16		\$4,594.05		\$16,794.37 \$83,971.85
ES	TIMATED TOTA	L PROJECT COST:		\$5,351,765.68		\$53,850.83		\$7,150.78		\$22,970.25		\$83,9

								FAIDS	AX ROAD			
					ASSESSABLE	POADWAY	SANITARY		WATE	p	TOTAL PRO	DIECT
TEM NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE							H	
NO.					ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COS
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.85	\$8,500.00	0.10	\$1,000.00	0.05	\$500.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			2	\$470.00			2	\$470.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00	2	\$80.00					2	\$80.00
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00								
6	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LINFT	\$7.50			56	\$224.00			56	\$224.00
7 8	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) REMOVE CURB & GUTTER	LIN FT	\$4.00 \$4.00			30	\$224.00			36	\$224.00
9	2104.503	REMOVE CONCRETE PAVEMENT	SQ YD	\$4.00								
10	2104.504	REMOVE GONCRETE PAVEMENT	SQYD	\$6.00			11	\$65.33			11	\$65.33
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00								
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
13	2105.607	COMMON EXCAVATION	CU YD	\$15.00								
5	2123.510	COMMON LABORERS	HOUR	\$100.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.610	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE		\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00							l	
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	1963	\$3,925.13			1		1963	\$3,925.13
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00					-			
22	2302.604 2360.509	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD TON	\$45.00	237	\$22,513.09	1	\$94.64			238	\$22,607.7
23 24	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)		\$95.00 \$85.00	231	\$22,513.09	1	\$94.64			1	\$112.90
25	2360.509 2503.503	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B) 12" RC PIPE SEWER DESIGN 3006 CLASS V	TON LIN FT	\$85.00 \$75.00			'	φ112.0U			<del>                                   </del>	Ģ112.9U
26	2503.503	CONNECT TO EXISTING STORM SEWER	FACH	\$1,300.00								
27	2504.502	HYDRANT	EACH	\$5,500.00								
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00								
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					2	\$650.00	2	\$650.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					1	\$250.00	1	\$250.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00								
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			2	\$2,400.00			2	\$2,400.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38 39	2506.602 2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00							-	
40	2506.502	GROUT CATCH BASIN OR MANHOLE  CONSTRUCT DRAINAGE STRUCTURE DESIGN H	CU YD LIN FT	\$600.00 \$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQFT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
16	2531.618	TRUNCATED DOMES	SQFT	\$65.00								
17	2540.602	MAIL BOX SUPPORT	EACH	\$125.00								
18	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.85	\$2,550.00	0.10	\$300.00	0.05	\$150.00	1	\$3,000.00
19	2564.518	SIGN PANELS TYPE C	SQFT	\$60.00	13	\$750.00					13	\$750.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00							II———	
51	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$5.00							l	
52	2573.503 2573.501	SILT FENCE, TYPE MS	LIN FT FACH	\$4.00 \$1.200.00					-			
53	2573.501	STABILIZED CONSTRUCTION EXIT	CLLYD	\$1,200.00 \$45.00	16	\$720.00					16	\$720.00
55	2574.507 2574.508	SCREENED TOPSOIL BORROW  FERTILIZER TYPE 3 (40-40-20) (SEEDING)	POUND	\$45.00 \$1.75	2	\$3.15					2	\$3.15
56	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING) FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75	<u> </u>	<b>\$0.10</b>					<u> </u>	<b>40.10</b>
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50								
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50								
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	4	\$25.20					4	\$25.20
30	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	63	\$220.50					63	\$220.50
31	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
52	2575.605	SEEDING	ACRE	\$600.00	0.03	\$18.00					0.03	\$18.00
33	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
54	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85								
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	575	\$488.75					575	\$488.75
		TRUCTION COST		** *** ***		*** *** **		AF 550 0=		******		*** *** -
		STRUCTION COST:		\$3,964,270.88	84%		11%	\$5,556.87	5%	\$2,440.00	100%	\$49,130.7
	NTINGENCIES	(8%):		\$312,875.04		\$3,290.71		\$444.55	-	\$195.20	1.24%	\$3,930.4
	STOTAL:	GAL, FINANCE, ADMIN AND OTHER COSTS (25°	M. N.	\$4,281,412.55 \$1,070,353.14		\$44,424.53 \$11.106.13		\$6,001.42 \$1,500.36		\$2,635.20 \$658.80	1.24%	\$53,061.1 \$13,265.2
		COAL, FINANCE, ADMIN AND OTHER COSTS (25)	/o j.	φ1,U/U,303.14		\$11,1U0.13		\$1,0UU.30		U0.0C0¢		\$13,205.2

					ASSESSABLE	DOADWAY	SANITARYS		AX COURT WATE	n	TOTAL PRO	VIEGE
ITEM NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COS
1	2021.501	MOBILIZATION	LUMP SUM	******	0.86	\$8 585 00	0.12	\$1 170 00	0.02	\$245.00	2 d	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$10,000.00 \$235.00	0.00	\$6,363.00	2	\$470.00	0.02	3243.00	2	\$470.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00	1	\$40.00					1	\$40.00
5 6	2104.502 2104.503	REMOVE MAIL BOX SUPPORT SAWING CONCRETE PAVEMENT (FULL DEPTH)	EACH LIN FT	\$45.00 \$7.50								
7	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00			56	\$224.00			56	\$224.00
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00								
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00				\$65.33			11	\$65.33
10 11	2104.504 2112.619	REMOVE BITUMINOUS PAVEMENT RECLAIMED AGGREGATE BASE PREPARATION	SQ YD ROAD STA	\$6.00 \$300.00			11	\$65.33			11	\$65.33
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
13	2105.607	COMMON EXCAVATION	CUYD	\$15.00								
15	2123.510	COMMON LABORERS	HOUR	\$100.00	2 2	\$200.00 \$290.00	2	\$200.00 \$290.00	2	\$200.00 \$290.00	6	\$600.00 \$870.00
16 17	2123.610 2123.610	SKID LOADER STREET SWEEPER (WITH PICKUP BROOM AND WATI	HOUR	\$145.00 \$200.00	2 2	\$400.00	2	\$290.00	2 2	\$400.00	6	\$1,200.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00		Ţ	_		_		_	*1,
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	2090	\$4,180.00					2090	\$4,180.00
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604 2360.509	BITUMINOUS DRIVEWAY REPLACEMENT  TYPE SP 9.5 WEARING COURSE MIX (3,C)	SQ YD TON	\$45.00 \$95.00	252	\$23.974.91	1	\$94.64	1		253	\$24,069.5
24	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,6)  TYPE SP 12.5 NON-WEARING COURSE MIX (3,8)	TON	\$85.00		Q20,014.01	1	\$112.90			1	\$112.90
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00								
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00								
27 28	2504.502 2504.602	HYDRANT HYDRANT RESTORATION	EACH EACH	\$5,500.00 \$2.500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00								
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00								
32	2504.602 2504.602	VALVE BOX MID SECTION WATERMAIN TEE	EACH EACH	\$250.00 \$6,500.00								
34	2504.602 2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			2	\$2,400.00			2	\$2,400.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502 2506.602	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP) RECONSTRUCT DRAINAGE STRUCTURE	EACH EACH	\$1,300.00 \$2.000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$2,000.00								
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43 44	2531.503 2531.504	CONCRETE CURB & GUTTER DESIGN B624 6" CONCRETE DRIVEWAY PAVEMENT	LIN FT SQ YD	\$24.00 \$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00								
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	0.86	\$2,575.50	0.12	\$351.00	0.02	\$73.50		\$3,000.00
48 49	2563.601 2564.518	TRAFFIC CONTROL SIGN PANELS TYPE C	LUMP SUM SQ FT	\$3,000.00 \$60.00	6	\$375.00	0.12	\$351.00	0.02	\$73.50	6	\$3,000.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00								
51	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$5.00								
52 53	2573.503	SILT FENCE, TYPE MS	LIN FT	\$4.00								
53 54	2573.501 2574.507	STABILIZED CONSTRUCTION EXIT SCREENED TOPSOIL BORROW	EACH CU YD	\$1,200.00 \$45.00	15	\$675.00					15	\$675.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	2	\$3.15					2	\$3.15
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75						·		
57 58	2575.504 2575.508	SOD TYPE LAWN	SQ YD POUND	\$17.50								
58 59	2575.508 2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING) SEED MIXTURE 25-151	POUND	\$5.50 \$7.00	4	\$25.20					4	\$25.20
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	63	\$220.50					63	\$220.50
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00	0.03	\$18.00					0.03	\$18.00
63 64	2582.503 2582.503	4" SOLID LINE PAINT 4" BROKEN LINE PAINT	LIN FT LIN FT	\$0.85 \$0.85								
65	2582.503 2582.503	8" SOLID LINE PAINT	LINFT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	450	\$382.50					450	\$382.50
	THATED 0	TRUCTION COOT		**********	05	*******		Ar 777 07		** ***		***
	TIMATED CONS	STRUCTION COST:		\$3,964,270.88 \$312,875.04	85.85%	\$42,394.76 \$3,391.58	11.70%	\$5,777.87 \$462.23	2.45%	\$1,208.50 \$96.68	100%	\$49,381.1 \$3,950.4
	IBTOTAL:	(5.0).		\$4,281,412.55		\$45,786.34		\$6,240,10	= :	\$1.305.18	1.25%	\$53,331.6
EN	IGINEERING, LE	EGAL, FINANCE, ADMIN AND OTHER COSTS (25	%):	\$1,070,353.14		\$11,446.59		\$1,560.03	_	\$326.30		\$13,332.9
ES	TIMATED TOTA	L PROJECT COST:		\$5,351,765.68		\$57,232.93	- '	\$7,800.13	-	\$1,631.48		\$66,664.5

									GROVE DRIVE			
тем					ASSESSABLE	ROADWAY	SANITARY	SEWER	WATE	R	TOTAL PR	DJECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COS
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.87	\$8,700.00	0.10	\$1,000.00	0.03	\$300.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			8	\$1,880.00			8	\$1,880.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00	1	\$40.00					1	\$40.00
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00							l	
7	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50			224	\$896.00			224	\$896.00
8	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) REMOVE CURB & GUTTER	LIN FT	\$4.00 \$4.00			224	\$090.00			224	\$696.00
9	2104.503	REMOVE CONCRETE PAVEMENT	SQ YD	\$4.00								
10	2104.504	REMOVE SONCKETE PAVEMENT	SQ YD	\$6.00			44	\$261.33			44	\$261.33
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00							l	********
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
13	2105.607	COMMON EXCAVATION	CU YD	\$15.00								
15	2123.510	COMMON LABORERS	HOUR	\$100.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.610	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00								
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	7113	\$14,226.33	L				7113	\$14,226.33
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00								
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	859	\$81,596.91	4	\$378.55			863	\$81,975.46
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00			5	\$451.61			5	\$451.61
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LINFT	\$75.00			-				l <del></del>	
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00			-					
27	2504.502	HYDRANT	EACH	\$5,500.00								
28	2504.602 2504.602	HYDRANT RESTORATION 6" GATE VALVE REPLACEMENT	EACH EACH	\$2,500.00 \$1.500.00							l — — —	
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$1,500.00								
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					6	\$1,950.00	6	\$1,950.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					3	\$750.00	3	\$750.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00								
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			8	\$9,600.00			8	\$9,600.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00								
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	\$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00							l	
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	0.87	\$2.610.00	0.10	\$300.00	0.03	\$90.00	1	\$3,000.00
48 49	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	6	\$2,610.00 \$375.00	0.10	\$300.00	0.03	\$90.00	1 6	\$3,000.00 \$375.00
50	2564.518 2573.502	SIGN PANELS TYPE C STORM DRAIN INLET PROTECTION	SQ FT EACH	\$60.00 \$165.00	· °	\$3/5.00	1				- " -	<b>\$313.00</b>
51	2573.502	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$165.00								
52	2573.503 2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER SILT FENCE. TYPE MS	LIN FT	\$5.00 \$4.00								
53	2573.503	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00								
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	58	\$2,610.00					58	\$2,610.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	7	\$11.55					7	\$11.55
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75								
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50								
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50								
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	13	\$92.40					13	\$92.40
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	231	\$808.50					231	\$808.50
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00	0.11	\$66.00					0.11	\$66.00
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	1775	\$1,508.75					1775	\$1,508.75
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	350	\$297.50					350	\$297.50
		STRUCTION COST:		\$3,964,270.88	85%	. ,	12%	\$15,657.49	3%	\$3,980.00	100%	\$133,920.4 \$10,713.6
	NTINGENCIES	(070):		\$312,875.04		\$9,142.64	=	\$1,252.60	= :	\$318.40	3 200/	
	BTOTAL:	COAL FINANCE ADMINIAND OTHER COCCES (TO		\$4,281,412.55		\$123,425.58		\$16,910.09		\$4,298.40 \$1,074.60	3.38%	\$144,634.0
ĽΝ		GAL, FINANCE, ADMIN AND OTHER COSTS (25) L PROJECT COST:	70 J.	\$1,070,353.14 \$5,351,765.68		\$30,856.40 \$154,281.98	-	\$4,227.52 \$21,137.61	-	\$1,074.60 \$5,373.00		\$36,158.5 \$180,792.5

					75. 75. 75. 75. 75.				OODS DRIVE			
тем					ASSESSABLE	ROADWAY	SANITARY	SEWER	WATE	R	TOTAL PRO	DJECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COS
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.88	\$8,800.00	0.08	\$800.00	0.04	\$400.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			3	\$705.00			3	\$705.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00	2	\$80.00					2	\$80.00
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00								
6	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50			84	\$336.00			84	\$336.00
7	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) REMOVE CURB & GUTTER	LIN FT	\$4.00 \$4.00			04	\$330.00			04	\$336.00
9	2104.503	REMOVE CONCRETE PAVEMENT	SQ YD	\$4.00								
10	2104.504	REMOVE CONCRETE PAVEMENT  REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00			16	\$98.00			16	\$98.00
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00				\$50.00				<b>\$50.00</b>
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
13	2105.607	COMMON EXCAVATION	CUYD	\$15.00								
15	2123.510	COMMON LABORERS	HOUR	\$100.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.610	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00								
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	3343	\$6,685.47					3343	\$6,685.47
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00								
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	404	\$38,348.39	1	\$137.66			405	\$38,486.04
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00			2	\$164.22			2	\$164.22
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00								
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00								
27	2504.502	HYDRANT	EACH	\$5,500.00								
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00								
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					4	\$1,300.00	4	\$1,300.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					2	\$500.00	2	\$500.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00								
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			3	\$3,600.00			3	\$3,600.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00	l							
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00							l	
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00								
47	2540.602	MAIL BOX SUPPORT	EACH LUMP SUM	\$125.00	0.88	\$2.640.00	0.08	\$240.00	0.04	\$120.00	1	\$3,000,00
48	2563.601	TRAFFIC CONTROL		\$3,000.00	13	\$2,640.00	0.00	9240.00	0.04	\$120.00	13	\$3,000.00
49 50	2564.518 2573.502	SIGN PANELS TYPE C STORM DRAIN INLET PROTECTION	SQ FT EACH	\$60.00 \$165.00	13	φ1 JU.UU	1				"	¥130.00
51	2573.502	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$165.00								
52	2573.503	SILT FENCE. TYPE MS	LIN FT	\$5.00			<b> </b>		1			
53	2573.503	STABILIZED CONSTRUCTION EXIT	EACH	\$4.00								
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	27	\$1,215.00					27	\$1,215.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	3	\$5.25					3	\$5.25
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75								
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50								
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50								
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	6	\$42.00	l				6	\$42.00
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	105	\$367.50					105	\$367.50
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00	0.05	\$30.00					0.05	\$30.00
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85			1					
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	720	\$612.00					720	\$612.00
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	350	\$297.50					350	\$297.50
	IMATED CONS	STRUCTION COST:		\$3,964,270.88	86%	\$61,213.11	10%	\$6,970.88	4%	\$3,210.00	100%	\$71,393.9
	NTINGENCIES	(8%)-		\$312,875.04		\$4,897.05		\$557.67		\$256.80		\$5,711.52
		(+)-										
SUE	STOTAL:	GAL, FINANCE, ADMIN AND OTHER COSTS (25%		\$4,281,412.55 \$1,070,353.14		\$66,110.15 \$16.527.54	-	\$7,528.55 \$1,882.14	-	\$3,466.80 \$866.70	1.80%	\$77,105.5 \$19,276.3

									DEN ROAD			
тем					ASSESSABLE	ROADWAY	SANITARY	SEWER	WATE	R	TOTAL PRO	DJECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COS
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.87	\$8,700.00	0.11	\$1,100.00	0.02	\$200.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			4	\$940.00			4	\$940.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00	2	\$80.00					2	\$80.00
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00								
7	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50			112	\$448.00			112	\$448.00
8	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) REMOVE CURB & GUTTER	LIN FT	\$4.00 \$4.00			112	\$440.00			112	\$440.00
9	2104.503	REMOVE CONCRETE PAVEMENT	SQ YD	\$4.00								
10	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$6.00			22	\$130.67			22	\$130.67
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00							l	*******
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
13	2105.607	COMMON EXCAVATION	CUYD	\$15.00								
15	2123.510	COMMON LABORERS	HOUR	\$100.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.610	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00								
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	3003	\$6,006.00	L				3003	\$6,006.00
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00								
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	363	\$34,448.16	2	\$189.28	ļ		365	\$34,637.44
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00			3	\$225.80			3	\$225.80
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00			-		<del>                                     </del>			
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00								
27	2504.502	HYDRANT	EACH	\$5,500.00								
28	2504.602 2504.602	HYDRANT RESTORATION 6" GATE VALVE REPLACEMENT	EACH EACH	\$2,500.00 \$1.500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$1,500.00								
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					1	\$325.00	1	\$325.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					1	\$250.00	1	\$250.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00								
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			4	\$4,800.00			4	\$4,800.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00								
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00								
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	0.87	\$2.610.00	0.11	\$330.00	0.02	\$60.00	1	\$3,000.00
48 49	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.87	\$2,610.00 \$750.00	U.11	\$330.00	0.02	\$00.00	1 13	\$3,000.00 \$750.00
50	2564.518 2573.502	SIGN PANELS TYPE C STORM DRAIN INLET PROTECTION	SQ FT EACH	\$60.00 \$165.00	13	\$750.00	1				- "	<i>\$100.00</i>
51	2573.502	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$165.00								
52	2573.503 2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER SILT FENCE, TYPE MS	LIN FT	\$5.00 \$4.00							11	
53	2573.503	STABILIZED CONSTRUCTION EXIT	EACH	\$4.00								
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	25	\$1,125.00					25	\$1,125.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	3	\$5.25					3	\$5.25
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75								
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50								
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50								
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	6	\$42.00					6	\$42.00
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	105	\$367.50					105	\$367.50
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00	0.05	\$30.00					0.05	\$30.00
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	290	\$246.50					290	\$246.50
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85			-		ļ			
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	700	\$595.00	I .		1		700	\$595.00
	TIMATED CONS	STRUCTION COST:		\$3,964,270.88 \$312,875.04	84%	\$56,345.41 \$4,507.63	13%	\$9,053.74 \$724.30	3%	\$1,725.00 \$138.00	100%	\$67,124.1 \$5,369.93
	NTINGENCIES BTOTAL:	(0 70).					-		=		1.69%	
		ECAL EINANCE ADMIN AND OTHER COSTS (25)		\$4,281,412.55		\$60,853.05 15.213.3		\$9,778.04 \$2,444.51		\$1,863.00 \$465.75	1.69%	\$72,494.0 \$18,123.5
	GIINEERING, LE	EGAL, FINANCE, ADMIN AND OTHER COSTS (259		\$1,070,353.14 \$5,351,765.68		\$76,066.31	-	\$2,444.51	=	\$465.75 \$2,328.75		\$18,123.5

								DADVIA	OOD DRIVE			
					ASSESSABLE	ROADWAY	SANITARY		WATE	R	TOTAL PRO	DIECT
TEM NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE							H	
					ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COS
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.53	\$5,300.00	0.08	\$800.00	0.39	\$3,900.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			3	\$705.00			3	\$705.00
3	2104.502	REMOVE CASTING (STORM) REMOVE SIGN	EACH EACH	\$235.00 \$40.00	6	\$240.00					6	\$240.00
5	2104.502	REMOVE SIGN REMOVE MAIL BOX SUPPORT	EACH EACH	\$40.00 \$45.00	- ° -	\$240.00					l	\$240.00
6	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50								
7	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00			84	\$336.00			84	\$336.00
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00								
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00								
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00			16	\$98.00			16	\$98.00
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00								
12 13	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
15	2105.607 2123.510	COMMON EXCAVATION COMMON LABORERS	CU YD HOUR	\$15.00 \$100.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.610	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00								
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	2666	\$5,332.60					2666	\$5,332.60
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00		********	<del></del>	******			323	\$30,723,45
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	322	\$30,585.79	1 2	\$137.66 \$164.22			323	\$30,723.45 \$164.22
24	2360.509 2503.503	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON LIN FT	\$85.00				\$104.ZZ	<b>—</b>			ş164.22
25 26	2503.503 2503.602	12" RC PIPE SEWER DESIGN 3006 CLASS V CONNECT TO EXISTING STORM SEWER	EACH FACH	\$75.00 \$1.300.00								
27	2503.602	HYDRANT	EACH	\$5,500.00								
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00					4	\$2,800.00	4	\$2,800.00
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					1	\$325.00	1	\$325.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					1	\$250.00	1	\$250.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00	l				4	\$26,000.00	4	\$26,000.00
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			3	\$3,600.00			3	\$3,600.00
35 36	2506.502 2506.502	CASTING ASSEMBLY (STORM 700-7)  CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH EACH	\$1,200.00 \$1,550.00	l — — —							
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP) CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,550.00								
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00								
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45 46	2531.604 2531.618	8" CONCRETE VALLEY GUTTER TRUNCATED DOMES	SQ YD SQ FT	\$97.50 \$65.00								
47	2531.618	MAIL BOX SUPPORT	EACH	\$65.00 \$125.00								
48	2540.602	TRAFFIC CONTROL	LUMP SUM	\$125.00	0.53	\$1,590.00	0.08	\$240.00	0.39	\$1,170.00	1	\$3,000.00
49	2564.518	SIGN PANELS TYPE C	SQ FT	\$60.00	26	\$1,575.00					26	\$1,575.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00								
51	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	\$5.00								
52	2573.503	SILT FENCE, TYPE MS	LIN FT	\$4.00								
53	2573.501	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00								
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	22	\$990.00					22	\$990.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	2	\$4.20					2	\$4.20
56 57	2574.508 2575.504	FERTILIZER TYPE 3 (22-5-10) (SOD) SOD TYPE LAWN	POUND SQ YD	\$1.75 \$17.50								
58	2575.504 2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND POUND	\$17.50 \$5.50								
59	2575.508	SEED MIXTURE 25-111 (TEMPORART SEEDING)	POUND	\$7.00	5	\$33.60					5	\$33.60
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	84	\$294.00					84	\$294.00
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00	0.04	\$24.00					0.04	\$24.00
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	880	\$748.00					880	\$748.00
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85			<b>I</b>				l L	
	ENATED COM	CTRUCTION COST.		£2.004.070.00	500/	640.057.40	8%	ec 070 oc	200/	#2E 22E 00	100%	enn aca a
		STRUCTION COST:		\$3,964,270.88	53%		8%	\$6,970.88	39%	\$35,335.00	100%	\$90,363.0 \$7,229.05
	NTINGENCIES BTOTAL:	(0.70).		\$312,875.04 \$4,281,412.55		\$3,844.58 \$51,901.77	-	\$557.67 \$7,528.55		\$2,826.80 \$38,161.80	2.28%	\$97,592.1
		EGAL, FINANCE, ADMIN AND OTHER COSTS (259		\$1,070,353.14		\$51,901.77 \$12.975.44		\$7,528.55 \$1.882.14		\$38,161.80	2.20/0	\$97,592.1 \$24.398.0
	L +O, LL	AL PROJECT COST:		\$5,351,765.68		\$64,877.21	=	\$9,410.68		\$47,702.25		\$121,990.1

					ASSESSABLE	BOADWAY	SANITARYS		OOD DRIVE WATE	p	TOTAL PRO	DIECT
TEM NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COS
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.82	\$8,200.00	0.10	\$1,000.00	0.08	\$800.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			6	\$1,410.00			6	\$1,410.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
5	2104.502 2104.502	REMOVE SIGN REMOVE MAIL BOX SUPPORT	EACH EACH	\$40.00 \$45.00	3	\$120.00					3	\$120.00
6	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50								
7	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00			168	\$672.00			168	\$672.00
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00								
9	2104.504 2104.504	REMOVE CONCRETE PAVEMENT REMOVE BITUMINOUS PAVEMENT	SQ YD SQ YD	\$10.00 \$6.00			33	\$196.00			33	\$196.00
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00			55	\$150.00				\$150.00
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
13	2105.607	COMMON EXCAVATION	CU YD	\$15.00		****		****		****	_	
15 16	2123.510 2123.610	COMMON LABORERS SKID LOADER	HOUR	\$100.00 \$145.00	2 2	\$200.00 \$290.00	2	\$200.00 \$290.00	2	\$200.00 \$290.00	6	\$600.00 \$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00								
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	4993	\$9,985.73					4993	\$9,985.73
21 22	2301.504 2302.604	CONCRETE PAVEMENT 8* BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD SQ YD	\$90.00 \$45.00					1			
23	2302.604	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$45.00 \$95.00	603	\$57,274.42	3	\$283.91			606	\$57,558.3
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00			4	\$338.70			4	\$338.70
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00								
26 27	2503.602 2504.502	CONNECT TO EXISTING STORM SEWER HYDRANT	EACH EACH	\$1,300.00 \$5,500.00					1			
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00					4	\$2,800.00	4	\$2,800.00
31	2504.602 2504.602	ADJUST VALVE BOX VALVE BOX MID SECTION	EACH EACH	\$325.00 \$250.00					6 3	\$1,950.00 \$750.00	6	\$1,950.00 \$750.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00					1	\$6,500.00	1	\$6,500.00
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			6	\$7,200.00			6	\$7,200.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502 2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH EACH	\$1,550.00 \$1,300.00								
38	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP) RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00								
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	\$500.00								
41	2521.518 2521.518	6" CONCRETE WALK 3" BITUMINOUS WALK	SQ FT SQ FT	\$17.50 \$3.50								
43	2521.516	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$3.50								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618 2540.602	TRUNCATED DOMES	SQ FT EACH	\$65.00 \$125.00								
48	2540.602	MAIL BOX SUPPORT TRAFFIC CONTROL	LUMP SUM	\$125.00	0.82	\$2,460.00	0.10	\$300.00	0.08	\$240.00	1	\$3,000.00
49	2564.518	SIGN PANELS TYPE C	SQFT	\$60.00	18	\$1,050.00					18	\$1,050.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00								
51 52	2573.503 2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER SILT FENCE, TYPE MS	LIN FT LIN FT	\$5.00 \$4.00								
53	2573.503	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00			1					
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	41	\$1,845.00					41	\$1,845.00
55 56	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75 \$1.75	5	\$8.40					5	\$8.40
56	2574.508 2575.504	FERTILIZER TYPE 3 (22-5-10) (SOD) SOD TYPE LAWN	SQ YD	\$1.75 \$17.50								
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50								
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	10	\$67.20					10	\$67.20
60 61	2575.508 2575.523	HYDRAULIC REINFORCED FIBER MATRIX	POUND MGAL	\$3.50	168	\$588.00 \$450.00					168	\$588.00 \$450.00
62	2575.523 2575.605	WATER SEEDING	MGAL ACRE	\$45.00 \$600.00	0.08	\$48.00					0.08	\$450.00
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	1240	\$1,054.00					1240	\$1,054.00
65 66	2582.503 2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85 \$0.85	350	\$297.50					350	\$297.50
ьб	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	350	\$297.50	1		1		350	\$297.50
		STRUCTION COST:		\$3,964,270.88	76%	\$84,338.26	11%	\$12,290.62	13%	\$13,930.00	100%	\$110,558.8
CO	NTINGENCIES			\$312,875.04		\$6,747.06		\$983.25		\$1,114.40		
CO	NTINGENCIES ( STOTAL:			\$312,875.04 \$4,281,412.55 \$1,070,353.14		\$6,747.06 \$91,085.32 \$22,771.33		\$983.25 \$13,273.87 \$3,318.47	-	\$1,114.40 \$15,044.40 \$3,761.10	2.79% "	\$8,844.7° \$119,403.9 \$29,850.9

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					ASSESSABLE	ROADWAY	SANITARY		WOOD DRIVE WATE	R	TOTAL PRO	DJECT
TEM NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL CO
1	2021.501	MOBILIZATION	LUMP SUM	\$10.000.00	0.59	\$5,900.00	0.19	\$1,900.00	0.22	\$2,200.00	1	\$10,000.0
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			11	\$2,585.00		0-,	11	\$2,585.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00	4	\$160.00					4	\$160.00
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00								
6	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50			308	\$1 232 00			308	\$1,232.0
7 8	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00 \$4.00			308	\$1,232.00			308	\$1,232.01
9	2104.503	REMOVE CURB & GUTTER REMOVE CONCRETE PAVEMENT	SQ YD	\$4.00								
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00			60	\$359.33			60	\$359.33
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00								
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
13	2105.607	COMMON EXCAVATION	CUYD	\$15.00								
15	2123.510	COMMON LABORERS	HOUR	\$100.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.610	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.0
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00							I	
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00	2357	\$4,713.80					2357	\$4,713.8
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00			-					
22	2302.604 2360.509	BITUMINOUS DRIVEWAY REPLACEMENT  TYPE SP 9.5 WEARING COURSE MIX (3,C)	SQ YD TON	\$45.00 \$95.00	285	\$27,036.59	5	\$516.21			290	\$27.552.8
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)  TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$95.00 \$85.00	200	921,030.39	7	\$615.83			7	\$615.83
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$85.00 \$75.00			<u> </u>	4010.00			· -	40.0.00
26	2503.503	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00								
27	2504.502	HYDRANT	EACH	\$5,500.00								
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00					24	\$16,800.00	24	\$16,800.0
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					6	\$1,950.00	6	\$1,950.0
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					3	\$750.00	3	\$750.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00	6	\$39,000.00					6	\$39,000.0
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			11	\$13,200.00			11	\$13,200.0
35 36	2506.502	CASTING ASSEMBLY (STORM 700-7)  CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP) CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)		\$1,550.00								
38	2506.502 2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH EACH	\$1,300.00 \$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CUYD	\$2,000.00								
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00								
41	2521.518	6" CONCRETE WALK	SOFT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQ FT	\$65.00								
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00								
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.59	\$1,770.00	0.19	\$570.00	0.22	\$660.00	1	\$3,000.0
49	2564.518	SIGN PANELS TYPE C	SQFT	\$60.00	21	\$1,275.00					21	\$1,275.0
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00			-					
51 52	2573.503 2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER SILT FENCE, TYPE MS	LIN FT	\$5.00 \$4.00								
53	2573.503	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00								
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	20	\$900.00					20	\$900.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	2	\$4.20					2	\$4.20
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75								
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50								
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50								
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	5	\$33.60					5	\$33.60
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	84	\$294.00					84	\$294.00
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00	0.04	\$24.00	-				0.04	\$24.00
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85	420	#20F F0					I	ener
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	430	\$365.50					430	\$365.50
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85	350	\$297.50			-		350	\$297.50
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	350	\$291.50	l				350	\$297.5U
	IMATED CONS	STRUCTION COST: (8%):		\$3,964,270.88 \$312,875.04	65%	\$83,114.19 \$6,649.14	17%	\$21,868.36 \$1,749.47	18%	\$23,250.00 \$1,860.00	100%	\$128,232 \$10,258.
	STOTAL:	V= :-/-		\$4.281.412.55		\$89,763.32	-	\$23,617.83	-	\$25,110.00	3.23%	\$138,491
		EGAL, FINANCE, ADMIN AND OTHER COSTS (259		\$1,070,353.14		\$22,440.83		\$5,904.46		\$6,277.50	5.2576	\$34,622.
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EM					ASSESSABLE	ROADWAY	TRAII		SANITARY	SEWER	WATE	R	TOTAL PR	OJECT
10.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL CO
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.63	\$6,300.00	0.23	\$2,300.00	0.03	\$300.00	0.11	\$1,100.00	1	\$10,000.0
4	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00					1	\$235.00			1	\$235.0
-	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00										
+	2104.502 2104.502	REMOVE SIGN REMOVE MAIL BOX SUPPORT	EACH EACH	\$40.00 \$45.00	1 3	\$40.00 \$135.00							1 3	\$40.00 \$135.0
+	2104.502	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50	30	\$225.00							30	\$225.0
	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00	85	\$340.00			28	\$112.00			113	\$452.0
	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00										
	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00	56	\$560.00			5	\$54.44			61	\$614.4
	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00	32	\$192.00							32	\$192.0
1	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	7	\$2,100.00							7	\$2,100.
4	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00	169	\$2,709.78	65	\$1,042.22					235	\$3,752.
3	2105.607	COMMON EXCAVATION	CUYD	\$15.00	6	\$600.00	6	\$600.00	6	\$600.00	6	\$600.00	24	\$2,400.
5	2123.510	COMMON LABORERS	HOUR	\$100.00	6	\$870.00	6	\$870.00	6	\$870.00	6	\$870.00	24	\$3,480.
,	2123.610 2123.610	SKID LOADER STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR HOUR	\$145.00 \$200.00	6	\$870.00	6	\$870.00	6	\$870.00	6	\$870.00	24	\$4,800.
+	2123.610	FULL DEPTH RECLAMATION	SQ YD	\$200.00	1829	\$3,658.20	704	\$1,407.00	Ť	,-30.00	Ť	1.,230.00	2533	\$5,065.
+	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00									1	,
	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00									1	
1	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	32	\$1,440.00							32	\$1,440.
	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	166	\$15,736.55	85	\$8,070.02	0.45	\$43.02			251	\$23,849
$\perp$	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00	221	\$18,773.43	85	\$7,220.55	1	\$51.32			306	\$26,045
4	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00										
1	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00								** ***	l — . — l	****
+	2504.502	HYDRANT	EACH	\$5,500.00							1	\$5,500.00 \$2,500.00	1	\$5,500 \$2,500
	2504.602 2504.602	HYDRANT RESTORATION 6" GATE VALVE REPLACEMENT	EACH EACH	\$2,500.00 \$1,500.00							1	\$2,500.00	1	\$2,500
+	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$7,500.00							4	\$2.800.00	4	\$2,800
+	2504.602	ADJUST VALVE BOX	EACH	\$325.00							2	\$650.00	2	\$650.0
1	2504.602	VALVE BOX MID SECTION	EACH	\$250.00							1	\$250.00	1	\$250.0
	2504.602	WATERMAIN TEE	EACH	\$6,500.00										
	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00					1	\$1,200.00			1	\$1,200.
	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00										
4	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00										
4	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00										
1	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00					0.25	\$150.00			l - •	\$150.0
+	2506.602	GROUT CATCH BASIN OR MANHOLE	CUYD	\$600.00					0.25	\$150.00				\$150.0
	2506.503 2521.518	CONSTRUCT DRAINAGE STRUCTURE DESIGN H 6" CONCRETE WALK	LIN FT SQ FT	\$500.00 \$17.50										
1	2521.518	3" BITUMINOUS WALK	SQFT	\$3.50									1	
	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00										
	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00	60	\$4,500.00							60	\$4,500.
╛	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50										
4	2531.618	TRUNCATED DOMES	SQFT	\$65.00										
4	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	3	\$375.00							3	\$375.0
+	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.63	\$1,890.00	0.23	\$690.00	0.03	\$90.00	0.11	\$330.00	1 6	\$3,000 \$375.0
+	2564.518 2573.502	SIGN PANELS TYPE C STORM DRAIN INLET PROTECTION	SQ FT EACH	\$60.00 \$165.00	6	\$375.00							"	\$375.0
+	2573.502	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$165.00	100	\$500.00							100	\$500.0
$^{+}$	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER  SILT FENCE, TYPE MS	LIN FT	\$5.00	100								1	<b>4000.0</b>
+	2573.501	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00	1	\$1,200.00							1	\$1,200
7	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	50	\$2,250.00							50	\$2,250
1	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75										
1	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75	250	\$437.50							250	\$437.5
$\Box$	2575.504	SOD TYPE LAWN	SQ YD	\$17.50	402	\$7,035.00							402	\$7,035
4	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50										
$\pm$	2575.508	SEED MIXTURE 25-151	POUND	\$7.00									<b>∤</b>	
+	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	10	\$4E0.00							10	\$450.0
+	2575.523 2575.605	WATER	MGAL ACRE	\$45.00	10	\$450.00							10	\$450.0
+	2575.605 2582.503	SEEDING  4" SOLID LINE PAINT	ACRE LIN FT	\$600.00 \$0.85			1				_		11	
+	2582.503 2582.503	4" SOLID LINE PAINT 4" BROKEN LINE PAINT	LIN FT LIN FT	\$0.85 \$0.85	500	\$425.00							500	\$425.0
+	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85	500	\$425.00							500	\$425.0
	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85										
E01	TIMATED COM	STRUCTION COST:		\$3 064 270 00	62%	\$74,742.45	19%	\$23,399.79	4%	\$4,905.78	14%	\$17,300.00	100%	\$120.34
	NTINGENCIES	STRUCTION COST:		\$3,964,270.88 \$312.875.04	62%	\$74,742.45 \$5.979.40	19%	\$23,399.79 \$1.871.98	4%	\$4,905.78 \$392.46	14%	\$17,300.00 \$1.384.00	100%	\$120,34 \$9.627
	NTINGENCIES BTOTAL:	(0.70).		\$312,875.04 \$4,281,412.55		\$5,979.40		\$1,871.98	-	\$392.46	- :	\$1,384.00	3.04%	++,
		EGAL, FINANCE, ADMIN AND OTHER COSTS (25%	w	\$4,261,412.55		\$80,721.85 \$20.180.46		\$25,271.78 \$6.317.94		\$5,298.24 \$1,324.56		\$18,684.00 \$4,671.00	3.34 /0	\$129,97 \$32,49
FN														

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_		I			ASSESSABLE	BOADWAY	SANITARY		ONT COURT  WATE	p 1	TOTAL PRO	VIECT
TEM NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE		1						
					ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL CO
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.83	\$8,300.00	0.10	\$1,000.00 \$235.00	0.07	\$700.00	1	\$10,000.0 \$235.00
3	2104.502 2104.502	REMOVE CASTING (SANITARY) REMOVE CASTING (STORM)	EACH EACH	\$235.00 \$235.00			'	\$233.00				\$230.00
4	2104.502	REMOVE SIGN	EACH	\$40.00	1	\$40.00					1	\$40.00
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00	5	\$225.00					5	\$225.00
6	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50	60	\$450.00					60	\$450.00
7 8	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00	40	\$160.00	28	\$112.00			68	\$272.00
9	2104.503 2104.504	REMOVE CURB & GUTTER REMOVE CONCRETE PAVEMENT	LIN FT SQ YD	\$4.00 \$10.00	124	\$1,240.00					124	\$1,240.0
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQYD	\$6.00	85	\$510.00	5	\$32.67			90	\$542.67
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	3	\$900.00					3	\$900.00
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00	107	\$1,717.54					107	\$1,717.5
13	2105.607	COMMON EXCAVATION	CU YD	\$15.00								
15 16	2123.510	COMMON LABORERS SKID LOADER	HOUR	\$100.00	6	\$600.00 \$870.00	6	\$600.00 \$870.00	6	\$600.00 \$870.00	18 18	\$1,800.00 \$2,610.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WAT		\$145.00 \$200.00	6	\$1,200.00	6	\$1,200.00	6	\$1,200.00	18	\$3,600.0
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00	828	\$1,656.20		*	-	**,	828	\$1,656.2
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00								
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	85	\$3,825.00					85	\$3,825.0
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	75 100	\$7,124.51 \$8,499.41	0.45	\$43.02 \$51.32	<b> </b>		75 101	\$7,167.53 \$8,550.73
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)  12" RC PIPE SEWER DESIGN 3006 CLASS V	TON	\$85.00 \$75.00	100	\$0,499.41	0.00	\$31.32			101	\$0,000.7
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00								
27	2504.502	HYDRANT	EACH	\$5,500.00								
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00					1	\$325.00	1	\$325.00
31	2504.602 2504.602	ADJUST VALVE BOX VALVE BOX MID SECTION	EACH EACH	\$325.00 \$250.00					1	\$325.00	1	\$325.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00					· ·	Q2.00.00		<b>V200.00</b>
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			1	\$1,200.00			1	\$1,200.0
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)		\$1,300.00								
38	2506.602 2506.602	RECONSTRUCT DRAINAGE STRUCTURE GROUT CATCH BASIN OR MANHOLE	EACH CU YD	\$2,000.00 \$600.00			0.25	\$150.00			0	\$150.00
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00			0.23	\$130.00				\$100.00
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00	110	\$8,250.00					110	\$8,250.00
45 46	2531.604 2531.618	8" CONCRETE VALLEY GUTTER TRUNCATED DOMES	SQ YD SQ FT	\$97.50 \$65.00								
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	5	\$625.00					5	\$625.00
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.83	\$2,490.00	0.10	\$300.00	0.07	\$210.00	1	\$3,000.0
49	2564.518	SIGN PANELS TYPE C	SQ FT	\$60.00	6	\$375.00					6	\$375.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00								
51	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$5.00	100	\$500.00					100	\$500.00
52 53	2573.503 2573.501	SILT FENCE, TYPE MS STABILIZED CONSTRUCTION EXIT	LIN FT EACH	\$4.00 \$1,200.00								
54	2573.501	SCREENED TOPSOIL BORROW	CU YD	\$1,200.00	21	\$945.00					21	\$945.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75								
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75	113	\$197.75					113	\$197.75
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50	182	\$3,185.00					182	\$3,185.0
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50								
59 60	2575.508 2575.508	SEED MIXTURE 25-151	POUND	\$7.00 \$3.50			-					
61	2575.508 2575.523	HYDRAULIC REINFORCED FIBER MATRIX WATER	MGAL	\$3.50 \$45.00	10	\$450.00					10	\$450.00
62	2575.523	SEEDING	ACRE	\$600.00				1			· · ·	,
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85								
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	130	\$110.50	1				130	\$110.50
FS.	TIMATED CONS	STRUCTION COST:		\$3.964.270.88	85%	\$54,445.91	9%	\$5,794.00	6%	\$4,155.00	100%	\$64,394.
	NTINGENCIES			\$312.875.04	65%	\$4,355.67	970	\$463.52	0.70	\$332.40	100 /6	\$5,151.5
	BTOTAL:			\$4,281,412.55		\$58,801.58	=	\$6,257.52	=	\$4,487.40	1.62%	\$69,546.
		EGAL, FINANCE, ADMIN AND OTHER COSTS (25)	%):	\$1,070,353.14		\$14,700.40		\$1,564.38	_	\$1,121.85	-	\$17,386.6
F01	TIMATED TOTA	AL PROJECT COST:		\$5,351,765.68		\$73,501.98	-	\$7,821.90	-	\$5,609.25		\$86,933.1

									NTON ROAD			
тем					ASSESSABLE	ROADWAY	SANITARY	SEWER	WATE	R	TOTAL PRO	DJECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL CO
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.93	\$9,282.00	0.05	\$471.00	0.02	\$247.00	1	\$10,000.0
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			2	\$470.00			2	\$470.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00		\$80.00					l	\$80.00
5	2104.502 2104.502	REMOVE SIGN REMOVE MAIL BOX SUPPORT	EACH EACH	\$40.00 \$45.00	13	\$585.00					13	\$585.00
6	2104.502	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50	45	\$337.50					45	\$337.50
7	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00	220	\$880.00	56	\$224.00			276	\$1,104.0
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00								
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00	75	\$750.00					75	\$750.00
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00	367	\$2,200.00	11	\$65.33			378	\$2,265.3
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	10 280	\$3,000.00 \$4,480.00					10 280	\$3,000.0 \$4,480.0
12	2105.607	EXCAVATION SPECIAL	CUYD	\$16.00 \$15.00	280	\$4,480.00					280	\$4,480.0
15	2105.607	COMMON EXCAVATION  COMMON LABORERS	HOUR	\$15.00	6	\$600.00	6	\$600.00	6	\$600.00	18	\$1,800.0
16	2123.610	SKID LOADER	HOUR	\$145.00	6	\$870.00	6	\$870.00	6	\$870.00	18	\$2,610.0
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE		\$200.00	6	\$1,200.00	6	\$1,200.00	6	\$1,200.00	18	\$3,600.0
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00	3024	\$6,048.00					3024	\$6,048.0
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00								
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	367	\$16,500.00					367	\$16,500.0
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	274	\$26,016.80	1	\$94.64			275	\$26,111.4
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00	365	\$31,037.58	1	\$112.90			366	\$31,150.4
25 26	2503.503 2503.602	12" RC PIPE SEWER DESIGN 3006 CLASS V CONNECT TO EXISTING STORM SEWER	LIN FT EACH	\$75.00 \$1,300.00			<b> </b>					
27	2503.602	HYDRANT	EACH	\$5,500.00								
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00								
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					1	\$325.00	1	\$325.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					1	\$250.00	1	\$250.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00								
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			2	\$2,400.00			2	\$2,400.0
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502 2506.602	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP) RECONSTRUCT DRAINAGE STRUCTURE	EACH EACH	\$1,300.00 \$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CUYD	\$600.00			0.25	\$150.00			0.25	\$150.00
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00	75	\$5,625.00					75	\$5,625.0
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00	13	\$1,625,00	<b> </b>				13	\$1.625.0
47	2540.602 2563.601	MAIL BOX SUPPORT TRAFFIC CONTROL	EACH LUMP SUM	\$125.00 \$3,000.00	0.93	\$1,625.00	0.05	\$141.30	0.02	\$74.10	13	\$1,625.0
48	2563.601	SIGN PANELS TYPE C	SQ FT	\$3,000.00	13	\$750.00	0.00	<b>\$141.00</b>	0.02	<b>\$14.10</b>	13	\$750.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00		*						
51	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$5.00	100	\$500.00					100	\$500.00
52	2573.503	SILT FENCE, TYPE MS	LIN FT	\$4.00								
53	2573.501	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00	1	\$1,200.00					1	\$1,200.0
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	74	\$3,330.00					74	\$3,330.0
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75								
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75	412 665	\$721.00 \$11,631.67	-				412 665	\$721.00 \$11,631.
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50	665	\$11,631.67					665	\$11,631.
58 59	2575.508 2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING) SEED MIXTURE 25-151	POUND	\$5.50 \$7.00			1					
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50						1		
61	2575.508	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.0
62	2575.605	SEEDING	ACRE	\$600.00	0.05	\$30.00					0.05	\$30.00
	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
		4" BROKEN LINE PAINT	LIN FT	\$0.85	230	\$195.50					230	\$195.50
63	2582.503		LIN FT	\$0.85								
63	2582.503 2582.503	8" SOLID LINE PAINT			700	\$595.00	1				700	\$595.0
63 64		8" SOLID LINE PAINT 4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	700							
63 64 65 66	2582.503 2582.503	4" DOUBLE SOLID LINE PAINT	•					00 700 10		00.55- :-		
63 64 65 66 EST	2582.503 2582.503	4" DOUBLE SOLID LINE PAINT STRUCTION COST:	•	\$3,964,270.88	92.79%	\$133,304.64	4.73%	\$6,799.17	2.48%	\$3,566.10	100%	
63 64 65 66 EST	2582.503 2582.503 FIMATED CONS	4" DOUBLE SOLID LINE PAINT STRUCTION COST:		\$3,964,270.88 \$312,875.04		\$133,304.64 \$10,664.37	4.73%	\$543.93	2.48%	\$285.29		\$11,493
63 64 65 66 EST COI	2582.503 2582.503 FIMATED CONS NTINGENCIES BTOTAL:	4" DOUBLE SOLID LINE PAINT STRUCTION COST:		\$3,964,270.88		\$133,304.64	4.73%		2.48%		100% 3.62%	\$143,669 \$11,493. \$155,163 \$38,790.

								KNOLL	WOOD DRIVE			
ITEM					ASSESSABLE	ROADWAY	SANITARY	SEWER	WATE	R	TOTAL PRO	DJECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.90	\$9,000.00	0.06	\$600.00	0.04	\$400.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			11	\$2,585.00			11	\$2,585.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00	3	\$120.00					3	\$120.00
5	2104.502 2104.503	REMOVE MAIL BOX SUPPORT SAWING CONCRETE PAVEMENT (FULL DEPTH)	EACH LIN FT	\$45.00 \$7.50	16	\$720.00			-		16	\$720.00
7	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)  SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LINFT	\$4.00	458	\$1.832.00	308	\$1.232.00			766	\$3.064.00
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00				.,				,
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00								
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00	1018	\$6,108.00	60	\$359.33			1078	\$6,467.33
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	24	\$7,200.00					24	\$7,200.00
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00	972	\$15,549.33					972	\$15,549.33
13 15	2105.607	COMMON EXCAVATION	CUYD	\$15.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.510 2123.610	COMMON LABORERS SKID LOADER	HOUR HOUR	\$100.00 \$145.00	2	\$290.00	2	\$200.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$145.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00	7140	\$14,280.00					7140	\$14,280.00
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00								
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	775	\$34,875.00					775	\$34,875.00
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	647	\$61,428.54	5	\$516.21			652	\$61,944.75
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00	862	\$73,283.18	7	\$615.83			869	\$73,899.00
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00								
26 27	2503.602 2504.502	CONNECT TO EXISTING STORM SEWER HYDRANT	EACH EACH	\$1,300.00 \$5,500.00								
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00					12	\$8,400.00	12	\$8,400.00
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					7	\$2,275.00	7	\$2,275.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					4	\$1,000.00	4	\$1,000.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00	3	\$19,500.00					3	\$19,500.00
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			11	\$13,200.00			11	\$13,200.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38 39	2506.602 2506.602	RECONSTRUCT DRAINAGE STRUCTURE  GROUT CATCH BASIN OR MANHOLE	EACH CU YD	\$2,000.00 \$600.00			0.25	\$150.00			0	\$150.00
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00			0.20	\$100.00				*******
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00	80	\$6,000.00					80	\$6,000.00
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00	16	\$2,000,00					16	\$2,000.00
17 18	2540.602 2563.601	MAIL BOX SUPPORT TRAFFIC CONTROL	EACH LUMP SUM	\$125.00 \$3,000.00	0.90	\$2,000.00	0.06	\$180.00	0.04	\$120.00	16	\$2,000.00
19	2563.601	SIGN PANELS TYPE C	SQ FT	\$5,000.00	18	\$1,050.00	0.00	\$100.00	0.04	\$120.00	18	\$1,050.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00		*-,						
51	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$5.00	100	\$500.00					100	\$500.00
52	2573.503	SILT FENCE, TYPE MS	LIN FT	\$4.00								
53	2573.501	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00	1	\$1,200.00					1	\$1,200.00
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	49	\$2,205.00					49	\$2,205.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75								**
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75	973 1569	\$1,702.75 \$27,463.33					973 1569	\$1,702.75 \$27,463.33
57	2575.504 2575.508	SOD TYPE LAWN SEED MIXTURE 22-111 (TEMPORARY SEEDING)	SQ YD POUND	\$17.50 \$5.50	1569	\$21,463.33					1569	\$∠7,463.33
58	2575.508 2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING) SEED MIXTURE 25-151	POUND	\$5.50 \$7.00								
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50								
31	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
32	2575.605	SEEDING	ACRE	\$600.00								
53	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	1654	\$1,405.90					1654	\$1,405.90
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	700	\$595.00	L				700	\$595.00
	IMATED CONS	STRUCTION COST:		\$3,964,270.88	90%	\$292,058.04	6%	\$20,328.36	4%	\$13,085.00	100%	\$325,471.4
FS.				\$312,875.04	30%	\$23,364.64	0.76	\$1,626.27	470	\$1,046.80	100 /6	\$26,037.7
	NTINGENCIES							+ ·,-=-	_	Ţ.,Ţ.O.OO		
CO	NTINGENCIES ( BTOTAL:	(0.0).		\$4,281,412.55		\$315,422,68	•	\$21.954.63	-	\$14,131,80	8.21%	\$351,509.1
CO	BTOTAL:	GAL, FINANCE, ADMIN AND OTHER COSTS (259		\$4,281,412.55 \$1,070,353.14		\$315,422.68 \$78,855.67	-	\$21,954.63 \$5,488.66	-	\$14,131.80 \$3,532.95	8.21%	\$351,509.1 \$87,877.28

								DONAL	D STREET			
ITEM					ASSESABLE F	OADWAY	SANITARY	SEWER	WATE	R	TOTAL PRO	DJECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.91	\$9,100.00	0.04	\$400.00	0.05	\$500.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			3	\$705.00			3	\$705.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00	6	\$240.00					6	\$240.00
5	2104.502 2104.503	REMOVE MAIL BOX SUPPORT SAWING CONCRETE PAVEMENT (FULL DEPTH)	EACH LIN FT	\$45.00 \$7.50	20 175	\$900.00 \$1,312.50					20 175	\$900.00 \$1,312.50
7	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)  SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00	326	\$1,304.00	84	\$336.00			410	\$1,640.00
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00							1	*,,
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00	336	\$3,360.00					336	\$3,360.00
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00	576	\$3,456.00	16	\$98.00			592	\$3,554.00
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	12	\$3,600.00					12	\$3,600.00
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00	274	\$4,382.56					274	\$4,382.56
13	2105.607	COMMON EXCAVATION	CUYD	\$15.00	6	\$600.00	6	\$600.00	e	\$600.00	18	\$1,800.00
16	2123.510 2123.610	COMMON LABORERS SKID LOADER	HOUR	\$100.00 \$145.00	6	\$870.00	6	\$870.00	6	\$870.00	18	\$2,610.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	6	\$1,200.00	6	\$1,200.00	6	\$1,200.00	18	\$3,600.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00	3522	\$7,043.40		. ,			3522	\$7,043.40
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00								
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	630	\$28,350.00					630	\$28,350.00
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	319	\$30,298.73	1	\$137.66			320	\$30,436.38
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON LIN FT	\$85.00	425	\$36,145.85	2	\$164.22			427	\$36,310.07
26	2503.503 2503.602	12" RC PIPE SEWER DESIGN 3006 CLASS V CONNECT TO EXISTING STORM SEWER	EACH	\$75.00 \$1,300.00							+	
27	2503.602	HYDRANT	EACH	\$5,500.00								
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00					8	\$5,600.00	8	\$5,600.00
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00					3	\$975.00	3	\$975.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00					1	\$250.00	1	\$250.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00				******	2	\$13,000.00	2	\$13,000.00
34	2506.502 2506.502	CASTING ASSEMBLY (SANITARY 700-7) CASTING ASSEMBLY (STORM 700-7)	EACH EACH	\$1,200.00 \$1,200.00			3	\$3,600.00			3	\$3,600.00
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00			0.25	\$150.00			0	\$150.00
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00	315	\$23,625.00						
44	2531.504 2531.604	6" CONCRETE DRIVEWAY PAVEMENT 8" CONCRETE VALLEY GUTTER	SQ YD SQ YD	\$75.00 \$97.50	315	\$23,625.00					315	\$23,625.00
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00								
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	20	\$2,500.00					20	\$2,500.00
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.91	\$2,730.00	0.04	\$120.00	0.05	\$150.00	1	\$3,000.00
49	2564.518	SIGN PANELS TYPE C	SQFT	\$60.00	28	\$1,695.00					28	\$1,695.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00								
51	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LINFT	\$5.00	100	\$500.00					100	\$500.00
52	2573.503	SILT FENCE, TYPE MS	LIN FT	\$4.00	1	\$1,200.00						\$1,200.00
53 54	2573.501 2574.507	STABILIZED CONSTRUCTION EXIT SCREENED TOPSOIL BORROW	EACH CU YD	\$1,200.00 \$45.00	83	\$1,200.00					83	\$3,735.00
55	2574.507	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$45.00	<u> </u>						33	<b>\$3,730.00</b>
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75	480	\$840.00					480	\$840.00
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50	774	\$13,545.00					774	\$13,545.00
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50								
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00								
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50								
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00							+	
63 64	2582.503 2582.503	4" SOLID LINE PAINT 4" BROKEN LINE PAINT	LIN FT	\$0.85 \$0.85	1112	\$945.20					1112	\$945.20
65	2582.503	4" BROKEN LINE PAINT 8" SOLID LINE PAINT	LIN FT	\$0.85		Q040.20					1112	<b>₹</b> 545.20
66	2582.503 2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85								
	MATER CONC	STRUCTION COST:		\$3,964,270.88	85%	\$183,928.23	4%	\$8,380.88	11%	\$23,145.00	100%	\$215,454.1
ECT	IVIN I ED CONS			\$3,964,270.88 \$312,875.04	85%	\$183,928.23 \$14,714.26	470	\$8,380.88 \$670.47	1170	\$23,145.00 \$1,851.60	100%	\$215,454.1 \$17,236.3
	TINGENCIES	(8%)-										
CON	TINGENCIES	(8%):								\$24,006,60	5.43%	\$232 600 4
CON	TOTAL:	(8%): :GAL, FINANCE, ADMIN AND OTHER COSTS (25%	6):	\$4,281,412.55 \$1,070,353.14	•	\$198,642.49 \$49,660.62		\$9,051.35 \$2,262.84		\$24,996.60 \$6,249.15	5.43%	\$232,690.4 \$58,172.6

									RY ROAD			
тем					ASSESSABLE	ROADWAY	SANITARY	SEWER	WATE	R	TOTAL PRO	JECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL CO
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.87	\$8,700.00	0.08	\$800.00	0.05	\$500.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			2	\$470.00			2	\$470.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00								
4	2104.502	REMOVE SIGN	EACH	\$40.00								
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00	3	\$135.00					3	\$135.00
6	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50								
7	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00	70	\$280.00	56	\$224.00			126	\$504.00
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00								
9	2104.504 2104.504	REMOVE CONCRETE PAVEMENT REMOVE BITUMINOUS PAVEMENT	SQ YD SQ YD	\$10.00	163	\$980.00	11	\$65.33			174	\$1,045.3
11	2104.504	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$6.00 \$300.00	6	\$1,800.00		\$00.00			6	\$1,800.0
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00	213	\$3,402.05					213	\$3,402.0
13	2105.607	COMMON EXCAVATION	CUYD	\$15.00	2.10	00,402.00					1	**,
15	2123.510	COMMON LABORERS	HOUR	\$100.00	6	\$600.00	6	\$600.00	6	\$600.00	18	\$1,800.0
16	2123.610	SKID LOADER	HOUR	\$145.00	6	\$870.00	6	\$870.00	6	\$870.00	18	\$2,610.0
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	6	\$1,200.00	6	\$1,200.00	6	\$1,200.00	18	\$3,600.0
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00	1562	\$3,124.33					1562	\$3,124.3
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00								
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	163	\$7,350.00					163	\$7,350.0
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	141	\$13,438.57	1	\$94.64			142	\$13,533.2
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00	189	\$16,031.98	1	\$112.90			190	\$16,144.8
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00								
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00							1	
27	2504.502	HYDRANT	EACH	\$5,500.00							+	
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29 30	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00					2	\$650.00	2	\$650.00
31	2504.602 2504.602	ADJUST VALVE BOX	EACH EACH	\$325.00 \$250.00					1	\$250.00	1	\$250.00
33	2504.602	VALVE BOX MID SECTION WATERMAIN TEE	EACH	\$250.00					'	\$250.00	<del>                                     </del>	\$250.00
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			2	\$2,400.00			2	\$2,400.0
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00			_					
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00								
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00			0.25	\$150.00			0	\$150.00
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00								
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50								
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50								
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00								
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00								
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00							1	
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	3	\$375.00		****			3	\$375.00
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.87	\$2,610.00	0.08	\$240.00	0.05	\$150.00	1	\$3,000.0
49	2564.518	SIGN PANELS TYPE C	SQFT	\$60.00			-				1	
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00	100	\$500.00	1				100	\$500.00
51 52	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	\$5.00	100	\$500.00	1				100	\$500.000
52	2573.503 2573.501	SILT FENCE, TYPE MS STABILIZED CONSTRUCTION EXIT	EACH	\$4.00 \$1,200.00	1	\$1,200.00					1	\$1,200.0
53	2573.501	SCREENED TOPSOIL BORROW	CU YD	\$1,200.00 \$45.00	39	\$1,755.00					39	\$1,200.00
55	2574.507	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$45.00	<b>1</b>	2.,.00.00					1	- 1,1 55.0
56	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING) FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75	213	\$372.75					213	\$372.75
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50	343	\$6,008.33					343	\$6,008.3
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50								
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00								
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50								
61	2575.523	WATER	MGAL	\$45.00	10	\$450.00					10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00								
63	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85								
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	515	\$437.75					515	\$437.75
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85								
F.S	TIMATED CONS	STRUCTION COST:		\$3,964,270.88	86%	\$71,620.77	9%	\$7,226.87	5%	\$4,220.00	100%	\$83,067.0
	NTINGENCIES			\$3,964,270.66	30%	\$5,729.66	976	\$7,220.07 \$578.15	576	\$337.60	100%	\$6,645.4
	IRTOTAL:	10.0/-		\$4,281,412.55		\$77.350.43	=	\$7.805.02	=	\$4.557.60	2.10%	\$89.713.
		GAL, FINANCE, ADMIN AND OTHER COSTS (259		\$1,070,353.14		\$17,350.43 \$19,337.61		\$1,951.26		\$1,139.40	2.1070	\$22,428.
		L PROJECT COST:		\$5,351,765.68		\$96,688.03	=	\$9,756.28	- :	\$5,697.00		\$112,141.

					COMMERCIAL FDR							
									ON ROAD		T	
ЕМ	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	STORM S	EWER	SANITARY S	EWER		RAIL	TOTAL PRO	JECT
Ю.	SPEC NO.	TIEM DESCRIPTION	UNII	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COS
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.26	\$2,600.00	0.09	\$900.00	0.65	\$6,500.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00			3	\$705.00			3	\$705.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00	4	\$940.00					4	\$940.00
4	2104.502	REMOVE SIGN	EACH	\$40.00								
5	2104.502 2104.503	REMOVE MAIL BOX SUPPORT	EACH LIN FT	\$45.00 \$7.50					22	\$165.00	22	\$165.00
7	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH) SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00			84	\$336.00	22	\$105.00	84	\$336.00
8	2104.503	REMOVE CURB & GUTTER	LINFT	\$4.00	80	\$320.00					80	\$320.00
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00					47	\$465.50	47	\$465.50
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00			16	\$98.00	504	\$3,024.00	520	\$3,122.00
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00								
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00								
13	2105.607	COMMON EXCAVATION	CU YD	\$15.00								
15	2123.510	COMMON LABORERS	HOUR	\$100.00	2	\$200.00	2	\$200.00	2	\$200.00	6	\$600.00
16	2123.610	SKID LOADER	HOUR	\$145.00	2	\$290.00	2	\$290.00	2	\$290.00	6	\$870.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WATE	HOUR	\$200.00	2	\$400.00	2	\$400.00	2	\$400.00	6	\$1,200.00
18	2215.504 2232.504	FULL DEPTH RECLAMATION  MILL BITUMINOUS SURFACE (2.0")	SQ YD SQ YD	\$2.00 \$2.00								
21	2232.504	CONCRETE PAVEMENT 8*	SQ YD	\$2.00								
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$90.00 \$45.00								
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	6	\$559.22	1	\$137.66			7	\$696.88
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00	8	\$667.14	2	\$164.22			10	\$831.36
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00								
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00								
27	2504.502	HYDRANT	EACH	\$5,500.00								
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00								
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00								
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00								
31	2504.602 2504.602	ADJUST VALVE BOX VALVE BOX MID SECTION	EACH EACH	\$325.00 \$250.00								
33	2504.602	WATERMAIN TEF	EACH	\$6,500.00								
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00			3	\$3,600.00			3	\$3,600.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00								
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00	4	\$6,200.00					4	\$6,200.00
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00								
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00								
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00	0.125	\$75.00	0.125	\$75.00			0.250	\$150.00
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	\$500.00					778	\$13,615.00	778	\$13,615,00
41	2521.518	6" CONCRETE WALK	SQ FT SQ FT	\$17.50 \$3.50					4.329	\$13,615.00 \$15,151.50	4,329	\$15,151.50
43	2521.518 2531.503	3" BITUMINOUS WALK CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$3.50	80	\$1,920.00			4,325	\$10,131.00	80	\$1,920.00
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQYD	\$75.00		\$1,525.00					<u> </u>	**,,=====
45	2531.604	8" CONCRETE VALLEY GUTTER	SQYD	\$97.50								
46	2531.618	TRUNCATED DOMES	SQFT	\$65.00					49	\$3,185.00	49	\$3,185.00
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00								
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.26	\$780.00	0.09	\$270.00	0.65	\$1,950.00	1.00	\$3,000.00
49	2564.518	SIGN PANELS TYPE C	SQ FT	\$60.00								
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00								
51 52	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	\$5.00								
53	2573.503 2573.501	SILT FENCE, TYPE MS STABILIZED CONSTRUCTION EXIT	EACH	\$4.00 \$1,200.00								
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	177	\$7,965.00					177	\$7,965.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	5	\$8.40					5	\$8.40
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75								
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50								
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50					10	\$55.00	10	\$55.00
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00					10	\$70.00	10	\$70.00
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50					168	\$588.00	168	\$588.00
61	2575.523	WATER	MGAL	\$45.00					10	\$450.00	10 0.08	\$450.00 \$48.00
62	2575.605 2582.503	SEEDING 4" SOLID LINE PAINT	ACRE LIN FT	\$600.00 \$0.85					0.08	\$48.00	0.00	\$40.00
63	2582.503 2582.503	4" SOLID LINE PAINT 4" BROKEN LINE PAINT	LIN FT	\$0.85 \$0.85			<del>                                     </del>					
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85								
66	2582.503	4" DOUBLE SOLID LINE PAINT	LINFT	\$0.85								
									1			
		STRUCTION COST:		\$3,845,367.88	30%	\$22,924.77	9%	\$7,175.88	61%	\$46,157.00	100%	\$76,257.6
CON	NTINGENCIES	(8%):		\$303,362.80		\$1,833.98		\$574.07		\$3,692.56	1	\$1,833.9
SUE	STOTAL:	EGAL, FINANCE, ADMIN AND OTHER COSTS (25%		\$4,152,997.31 \$1,038,249.33		\$24,758.75 \$6,189.69		\$7,749.95 \$1,937.49		\$49,849.56 \$12,462.39	1.98%	\$82,358.2 \$20,589.5

									ELMWOO					
ITEM					ASSESSABLE I	ROADWAY	STORM SE	WER	SANITARY S	SEWER	WATE	:R	TOTAL PRO	OJECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.89	\$8,900.00	0.06	\$600.00	0.03	\$300.00	0.02	\$200.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00					2	\$470.00			2	\$470.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00			4	\$940.00					4	\$940.00
4	2104.502	REMOVE SIGN	EACH	\$40.00	1	\$40.00						<del></del>	1	\$40.00
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH LIN FT	\$45.00 \$7.50	3 27	\$135.00 \$202.50							3 27	\$135.00 \$202.50
6 7	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50 \$4.00	208	\$202.50			56	\$224.00			264	\$1,056.00
8	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) REMOVE CURB & GUTTER	LIN FT	\$4.00	966	\$3,864.00	80	\$320.00	30	3224.00			1046	\$4,184.00
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00	363	\$3,634.17							363	\$3,634.17
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00	330	\$1,977.50			11	\$65.33		1	340	\$2,042.83
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	7	\$2,100.00							7	\$2,100.00
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00	357	\$5,710.13							357	\$5,710.13
13	2105.607	COMMON EXCAVATION	CU YD	\$15.00								<del></del>	1	
15	2123.510	COMMON LABORERS	HOUR	\$100.00	6	\$600.00 \$870.00	6	\$600.00 \$870.00	6	\$600.00 \$870.00	6	\$600.00 \$870.00	24 24	\$2,400.00 \$3,480.00
16 17	2123.610	SKID LOADER	HOUR	\$145.00 \$200.00	6	\$870.00	6	\$870.00 \$1,200.00	6	\$870.00	6	\$870.00 \$1,200.00	24	\$3,480.00
18	2123.610 2215.504	STREET SWEEPER (WITH PICKUP BROOM AND WATE	SO YD	\$200.00	2622	\$5,243.70		\$1,200.00	- "	\$1,200.00		\$1,200.00	2622	\$5,243.70
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00								1	( <del></del>	. ,=
21	2301.504	CONCRETE PAVEMENT 8"	SQ YD	\$90.00	247	\$22,260.00						(	247	\$22,260.00
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	388	\$17,445.75							388	\$17,445.75
23	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	475	\$45,116.43			2	\$189.28			477	\$45,305.70
24	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00	475	\$40,367.33			2	\$169.35			477	\$40,536.68
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00									11	
26	2503.602	CONNECT TO EXISTING STORM SEWER HYDRANT	EACH	\$1,300.00							<del>                                     </del>		(	
27 28	2504.502 2504.602	HYDRANT HYDRANT RESTORATION	EACH EACH	\$5,500.00 \$2,500.00									(	
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00									i l	
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00									í l	
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00							1	\$325.00	1	\$325.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00							1	\$250.00	1	\$250.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00									(	
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00					2	\$2,400.00			2	\$2,400.00
35 36	2506.502 2506.502	CASTING ASSEMBLY (STORM 700-7)  CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH EACH	\$1,200.00 \$1,550.00	-		2	\$3,100.00					2	\$3,100.00
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)  CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,300.00				45,100.00					1	\$0,100.00
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00			4	\$8,000.00					4	\$8,000.00
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CUYD	\$600.00			0.125	\$75.00	0.125	\$75.00			0	\$150.00
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00									i	
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50										
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50									1	
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00	966	\$23,184.00	80	\$1,920.00					1046	\$25,104.00
44 45	2531.504 2531.604	6" CONCRETE DRIVEWAY PAVEMENT 8" CONCRETE VALLEY GUTTER	SQ YD SQ YD	\$75.00 \$97.50	155	\$15,071.88							155	\$15,071.88
46	2531.604	TRUNCATED DOMES	SQ YD SQ FT	\$97.50	133	\$13,071.00							133	\$10,071.00
47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	3	\$375.00							3	\$375.00
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.89	\$2,670.00	0.06	\$180.00	0.03	\$90.00	0.02	\$60.00	1	\$3,000.00
49	2564.518	SIGN PANELS TYPE C	SQ FT	\$60.00	6	\$375.00							6	\$375.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00							2	\$330.00	2	\$330.00
51	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	\$5.00	100	\$500.00							100	\$500.00
52	2573.503	SILT FENCE, TYPE MS	LIN FT	\$4.00									1	*****
53	2573.501	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00	1 85	\$1,200.00 \$3.825.00					<b>—</b>		1 85	\$1,200.00 \$3,825.00
54 55	2574.507 2574.508	SCREENED TOPSOIL BORROW FERTILIZER TYPE 3 (10-10-20) (SEEDING)	CU YD POUND	\$45.00 \$1.75	10	\$3,825.00							10	\$3,825.00 \$17.50
56	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING) FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75		<b>\$17.50</b>							1	<b>\$11.30</b>
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50								1	(	
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50	19	\$104.50							19	\$104.50
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	19	\$133.00							19	\$133.00
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	328	\$1,148.00							328	\$1,148.00
31	2575.523	WATER	MGAL	\$45.00	10	\$450.00							10	\$450.00
62	2575.605	SEEDING	ACRE	\$600.00	0.16	\$96.00					-		0.16	\$96.00
63 64	2582.503 2582.503	4" SOLID LINE PAINT 4" BROKEN LINE PAINT	LIN FT	\$0.85 \$0.85	331	\$281.35							331	\$281.35
65	2582.503	4" BROKEN LINE PAINT 8" SOLID LINE PAINT	LIN FT	\$0.85		<b>\$201.00</b>							1	<b>42033</b>
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	350	\$297.50						·	350	\$297.50
		STRUCTION COST:		\$3,845,367.88 \$303,362.80	88%	\$210,227.23 \$16,818.18	7%	\$17,805.00 \$1,424.40	3%	\$6,652.96 \$532.24	2%	\$3,835.00 \$306.80	100%	\$238,520.19 \$19,081.62
CO	NTINGENCIES BTOTAL:	(0 %).		\$4,152,997.31	•	\$227,045.41	- :	\$19,229.40		\$7,185.20	-	\$4,141.80	6.20%	\$257,601.8
SU EN	BTOTAL: GINEERING, LE	(0 <i>70).</i> EGAL, FINANCE, ADMIN AND OTHER COSTS (25% I <b>L PROJECT COST</b> :	b):							\$7,185.20 \$1,796.30 \$8,981.50		\$4,141.80 \$1,035.45 \$5,177.25	6.20%	\$257,601.81 \$64,400.45 \$322,002.26

									HUN ROAD (ELDER DE					
M .					ASSESSABLE	ROADWAY	TRAI	-	STORM S	EWER	SANITARY	SEWER	TOTAL PR	DJECT
" s	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL CO
	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.78	\$7,800.00	0.14	\$1,400.00	0.06	\$600.00	0.02	\$200.00 \$235.00	1	\$10,000.0 \$235.00
	2104.502	REMOVE CASTING (SANITARY) REMOVE CASTING (STORM)	EACH EACH	\$235.00 \$235.00					4	\$940.00	1	\$235.00	1 4	\$235.0 \$940.0
-	2104.502	REMOVE CASTING (STORM) REMOVE SIGN	EACH	\$235.00 \$40.00	3	\$120.00			4	\$940.00			3	\$120.0
	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00										
2	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50			25	\$187.50					25	\$187.5
	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$4.00	208	\$831.60					28	\$112.00	236	\$943.6
	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00	1386 434	\$5,544.00 \$4,337.67		\$400.00	80	\$320.00			1466 474	\$5,864. \$4,737.
	2104.504 2104.504	REMOVE CONCRETE PAVEMENT REMOVE BITUMINOUS PAVEMENT	SQ YD SQ YD	\$10.00 \$6.00	750	\$4,337.67	40	\$400.00			5	\$32.67	755	\$4,737.
	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	7	\$2,100.00					Ť	402.07	7	\$2,100.
2	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00	343	\$5,485.93	51	\$814.22					394	\$6,300.
2	2105.607	COMMON EXCAVATION	CU YD	\$15.00										
_	2123.510	COMMON LABORERS	HOUR	\$100.00	6	\$600.00	6	\$600.00	6	\$600.00	6	\$600.00	24	\$2,400.
	2123.610	SKID LOADER	HOUR	\$145.00	6	\$870.00 \$1,200.00	6	\$870.00 \$1,200.00	6	\$870.00 \$1,200.00	6	\$870.00 \$1,200.00	24	\$3,480. \$4.800.
	2123.610 2215.504	STREET SWEEPER (WITH PICKUP BROOM AND WATE FULL DEPTH RECLAMATION	HOUR SQ YD	\$200.00 \$2.00	2645	\$1,200.00	802	\$1,200.00	•	\$1,200.00	•	\$1,200.00	3446	\$6,892.
	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00		,		. ,						
	2301.504	CONCRETE PAVEMENT 8"	SQ YD	\$90.00	279	\$25,137.00							279	\$25,137
2	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	84	\$3,769.50							84	\$3,769.
_	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	479	\$45,511.32					0.91	\$86.03	480	\$45,597
_	2360.509 2503.503	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)  12" RC PIPE SEWER DESIGN 3006 CLASS V	TON LIN FT	\$85.00 \$75.00	479	\$40,720.66					1	\$76.98	480	\$40,797
	2503.503 2503.602	12" RC PIPE SEWER DESIGN 3006 CLASS V CONNECT TO EXISTING STORM SEWER	EACH	\$75.00 \$1,300.00										
	2504.502	HYDRANT	EACH	\$5,500.00										
2	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00										
	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00										
_	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00									-	
_	2504.602 2504.602	ADJUST VALVE BOX VALVE BOX MID SECTION	EACH EACH	\$325.00 \$250.00										
_	2504.602	WATERMAIN TEE	EACH	\$6.500.00										
_	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00							1	\$1,200.00	1	\$1,200.
2	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00										
	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,550.00					3	\$4,650.00			3	\$4,650.
_	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP)	EACH	\$1,300.00					1 4	\$1,300.00 \$8.000.00			1 4	\$1,300. \$8,000.
	2506.602 2506.602	RECONSTRUCT DRAINAGE STRUCTURE  GROUT CATCH BASIN OR MANHOLE	EACH CU YD	\$2,000.00 \$600.00					0.125	\$75.00	0.125	\$75.00	0	\$150.0
_	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00						******		******		
2	2521.518	6" CONCRETE WALK	SQ FT	\$17.50			58	\$1,015.00					58	\$1,015.
_	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50			5520	\$19,320.00					5520	\$19,320
_	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00	1386	\$33,264.00			80	\$1,920.00			1466	\$35,184
_	2531.504 2531.604	6" CONCRETE DRIVEWAY PAVEMENT 8" CONCRETE VALLEY GUTTER	SQ YD SQ YD	\$75.00 \$97.50	155	\$15,151.50							155	\$15,151
-	2531.604	TRUNCATED DOMES	SQ FT	\$65.00	100	\$10,101.50	35	\$2,275.00					35	\$2,275.
	2540.602	MAIL BOX SUPPORT	EACH	\$125.00										
2	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.78	\$2,340.00	0.14	\$420.00	0.06	\$180.00	0.02	\$60.00	1	\$3,000.
	2564.518	SIGN PANELS TYPE C	SQ FT	\$60.00	32	\$1,905.00							32	\$1,905.
+	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00	100	\$660.00 \$500.00					-		100	\$660.0 \$500.0
_	2573.503 2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER SILT FENCE. TYPE MS	LIN FT	\$5.00 \$4.00	100	\$300.00							100	<b>\$300.0</b>
_	2573.501	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00	1	\$1,200.00							1	\$1,200.
2	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	85	\$3,825.00							85	\$3,825.
	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	10	\$16.63							10	\$16.6
_	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75	-								1	
-	2575.504	SOD TYPE LAWN	SQ YD	\$17.50	20	\$110.00							20	\$110.0
	2575.508 2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING) SEED MIXTURE 25-151	POUND	\$5.50 \$7.00	20	\$140.00							20	\$140.0
-	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	336	\$1,176.00							336	\$1,176
_	2575.523	WATER	MGAL	\$45.00	10	\$450.00							10	\$450.0
2	2575.605	SEEDING	ACRE	\$600.00	0.16	\$96.00							0.16	\$96.0
_	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85		******							I	****
	2582.503 2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	337 66	\$286.45 \$56.10							337 66	\$286.4 \$56.1
_	2582.503 2582.503	8" SOLID LINE PAINT 4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85 \$0.85	350	\$56.10 \$297.50			<del>                                     </del>		<del>                                     </del>		350	\$297.5
STIMA ONTIN UBTO	ATED CONS NGENCIES NTAL:	STRUCTION COST: (8%):		\$3,845,367.88 \$303,362.80 \$4,152,997.31	80%	\$215,290.65 \$17,223.25 \$232,513.90	11%	\$30,104.72 \$2,408.38 \$32,513.10	8%	\$20,655.00 \$1,652.40 \$22,307.40	2%	\$4,747.68 \$379.81 \$5,127.49	100%	\$270,798 \$21,663 \$292,46
		EGAL, FINANCE, ADMIN AND OTHER COSTS (25%		\$1,038,249.33		\$58,128.48		\$8,128.28		\$5,576.85		\$1,281.87		\$73,11
	ATED TOTA	L PROJECT COST:		\$5,191,246.64		\$290,642.38	-	\$40,641.38	-	\$27,884.25	- '	\$6,409.37	- '	\$365,57

									70' WEST OF ROUNDA					
					ASSESSABLE	ROADWAY	STORM SE		SANITARY S		WATE		TOTAL PR	DJECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST
1	2021.501	MOBILIZATION	LUMP SUM	\$10,000.00	0.83	\$8,300.00	0.10	\$1,000.00	0.05	\$500.00	0.02	\$200.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00					2	\$470.00			2	\$470.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00			2	\$470.00					2	\$470.00
4	2104.502	REMOVE SIGN	EACH	\$40.00	1	\$40.00							1	\$40.00
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH LIN FT	\$45.00	4	\$180.00							4	\$180.00
7	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50 \$4.00	25	\$100.00			56	\$224.00			81	\$324.00
8	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) REMOVE CURB & GUTTER	LIN FT	\$4.00	285	\$1,140.00	40	\$160.00	30	9224.00			325	\$1,300.00
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00										. ,
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00	56	\$336.00			11	\$65.33			67	\$401.33
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	3	\$900.00							3	\$900.00
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00	102	\$1,631.26							102	\$1,631.26
13	2105.607	COMMON EXCAVATION	CU YD	\$15.00	245	\$3,670.33							245	\$3,670.33
15	2123.510	COMMON LABORERS	HOUR	\$100.00	6	\$600.00 \$870.00	6	\$600.00 \$870.00	6	\$600.00 \$870.00	6	\$600.00 \$870.00	24	\$2,400.00 \$3,480.00
16	2123.610	SKID LOADER	HOUR	\$145.00 \$200.00	6	\$870.00	6	\$870.00 \$1,200.00	6	\$870.00 \$1,200.00	6	\$870.00 \$1,200.00	24	\$4,800.00
18	2123.610 2215.504	STREET SWEEPER (WITH PICKUP BROOM AND WATE FULL DEPTH RECLAMATION	SO YD	\$200.00	1101	\$2,202.20	0	\$1,200.00	- "	\$1,200.00		\$1,200.00	1101	\$2,202.20
9	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00		V=,=====							l	*-,
1	2301.504	CONCRETE PAVEMENT 8"	SQ YD	\$90.00										
2	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	56	\$2,520.00							56	\$2,520.00
:3	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$95.00	199	\$18,946.49			2	\$189.28			201	\$19,135.77
4	2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00	199	\$16,952.12			2	\$169.35			201	\$17,121.47
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00										
26	2503.602	CONNECT TO EXISTING STORM SEWER HYDRANT	EACH	\$1,300.00							<del>                                     </del>			
27 28	2504.502 2504.602	HYDRANT HYDRANT RESTORATION	EACH EACH	\$5,500.00 \$2,500.00										
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00										
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00										
11	2504.602	ADJUST VALVE BOX	EACH	\$325.00							1	\$325.00	1	\$325.00
2	2504.602	VALVE BOX MID SECTION	EACH	\$250.00							1	\$250.00	1	\$250.00
3	2504.602	WATERMAIN TEE	EACH	\$6,500.00										
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00					3	\$3,600.00			3	\$3,600.00
35 36	2506.502 2506.502	CASTING ASSEMBLY (STORM 700-7)  CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH EACH	\$1,200.00 \$1,550.00	-		2	\$3,100.00					2	\$3,100,00
7	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)  CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP)	EACH	\$1,300.00				45,100.00						\$0,100.00
8	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00			4	\$8,000.00					4	\$8,000.00
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CUYD	\$600.00			0.125	\$75.00	0.125	\$75.00			0	\$150.00
10	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINFT	\$500.00										
\$1	2521.518	6" CONCRETE WALK	SQ FT	\$17.50										
12	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50										
13	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00	285	\$6,840.00	40	\$960.00					325	\$7,800.00
14	2531.504 2531.604	6" CONCRETE DRIVEWAY PAVEMENT 8" CONCRETE VALLEY GUTTER	SQ YD SQ YD	\$75.00 \$97.50										
6	2531.618	TRUNCATED DOMES	SQ YD SQ FT	\$97.50										
7	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	4	\$500.00							4	\$500.00
8	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.83	\$2,490.00	0.10	\$300.00	0.05	\$150.00	0.02	\$60.00	1	\$3,000.00
9	2564.518	SIGN PANELS TYPE C	SQFT	\$60.00	5	\$300.00							5	\$300.00
0	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00			2	\$330.00					2	\$330.00
1	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	\$5.00	286	\$1,430.00							286	\$1,430.00
2	2573.503	SILT FENCE, TYPE MS	LIN FT	\$4.00	286	\$1,144.00		*****					286	\$1,144.00
3	2573.501	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00	1 36	\$1,200.00 \$1,620.00	1	\$1,200.00			-		2 36	\$2,400.00 \$1.620.00
5	2574.507 2574.508	SCREENED TOPSOIL BORROW FERTILIZER TYPE 3 (10-10-20) (SEEDING)	CU YD POUND	\$45.00 \$1.75	4	\$1,620.00							4	\$1,620.00
6	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING) FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75		¥1.50								¥1.00
7	2575.504	SOD TYPE LAWN	SQ YD	\$17.50										
8	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50	8	\$44.00							8	\$44.00
9	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	8	\$56.00							8	\$56.00
0	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	138	\$483.00							138	\$483.00
1	2575.523	WATER	MGAL	\$45.00	10	\$450.00							10	\$450.00
2	2575.605	SEEDING	ACRE	\$600.00	0.07	\$42.00							0.07	\$42.00
3 4	2582.503 2582.503	4" SOLID LINE PAINT 4" BROKEN LINE PAINT	LIN FT	\$0.85 \$0.85	286	\$243.10							286	\$243.10
5	2582.503 2582.503	4" BROKEN LINE PAINT 8" SOLID LINE PAINT	LIN FT	\$0.85 \$0.85	200	\$243.10							200	<b>9243.10</b>
6	2582.503 2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85							1			
		STRUCTION COST:		\$3,845,367.88	72%	\$76,437.51	17%	\$18,265.00	8%	\$8,112.96	3%	\$3,505.00	100%	\$106,320.
	NTINGENCIES :			\$3,845,367.88	12%	\$/6,437.51 \$6,115.00	17%	\$18,265.00	8%	\$8,112.96 \$649.04	3%	\$3,505.00	100%	\$106,320. \$8,505.6
	NTINGENCIES I BTOTAL:	(0.70).		\$4,152,997.31		\$82 552 51	= :	\$1,461.20		\$8,762.00	= :	\$280.40	2.76%	\$114.826.
												ψυ, r 00.40		Ψ114,040.7
SU		EGAL, FINANCE, ADMIN AND OTHER COSTS (25%	b):	\$1,038,249.33		\$20,638.13		\$4,931.55		\$2,190.50		\$946.35		\$28,706.53

#### 2024 MILL & OVERLAY AND FULL DEPTH RECLAMATION IMPROVEMENTS PROJECT ENGINEER'S ESTIMATE AND ASSESSMENT CALCULATIONS BAXTER, MN Monday, August 28, 2023

						ASSESSABLE	ROADWAY	CITY ROA	DWAY	STORM S			SEWER	WATE	R I	TOTAL PR	OJECT
1		SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE									FORTIMATED QUANTITY	TOTAL COOT	<u> </u>	TOTAL COST
7   1942   194																ESTIMATED QUANTITY	
1	$\rightarrow$					0.87	\$8,700.00	0.01	\$100.00	0.09	\$900.00			0.01	\$100.00	1	\$10,000.00 \$1,410.00
1										14	\$3.290.00		\$1,410.00				\$3,290.00
1   100						7	\$280.00									7	\$280.00
1	5			EACH		2	\$90.00									2	\$90.00
1																	\$2.339.40
1   10.0000   10.000   10.000   10.000   10.000   10.000   10.000   10.0000   10.000   10.0000										280	\$1 120 00	168	\$672.00				\$2,339.40
2											***************************************						\$2,898.00
Second Company		2104.504		SQ YD			**********					33	\$196.00				\$580.00
10	-				********												\$8,100.00
1																	\$11,976.05 \$26,946.11
STOCKED   STOC										6	\$600.00	6	\$600.00	6	\$600.00		\$2,400.00
10					*******	6				6	\$870.00	6	\$870.00	6	\$870.00	24	\$3,480.00
1	17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WAT	HOUR	\$200.00					6	\$1,200.00	6	\$1,200.00	6	\$1,200.00		\$4,800.00
23   235.05   CONCERT REPORTED   ST. 00   St.						8084	\$16,167.67									8084	\$16,167.67
22   2000   10   10   10   10   10   1																	
20   200.000   100.000   100.00						64	\$2,880.00									64	\$2,880.00
24   200.000   1076 PT IN PART OF THE PROPERTY SERVICES (10.000   10.000						1464	\$139,097.51	33	\$3,135.00			6	\$567.83			1503	\$142,800.34
Section   Sect	24		TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	******	1464	\$124,455.67	17	\$1,445.00			6	\$508.06			1487	\$126,408.72
25   200.002   POSE VALVE DESCRIPTION   EACH   Exposing   EACH																	-
20   200-000   MONTH PROPERTY OF MARKET STATE   MONTH PROPERTY O																	<b></b>
20   20.0462																	
20   200.00   20   200.00   20   200.00   20   2																	i
20   200			WATERMAIN EXPLORATORY EXCAVATION		\$700.00												
32   200.00   CASTRA AGRISSMY (STOM NOTO)   EACH   \$1,000														-			\$2,600.00
St   200.002   CASTRA ASSEMBLY (PANTANY POS)   EC/II   1,000.00	-													4	\$1,000.00	4	\$1,000.00
25   25   25   25   25   25   25   25												6	\$7,200.00			6	\$7,200.00
27   200.002	35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00												i
39										14	\$21,700.00					14	\$21,700.00
39   290.0   CORDIT CATCH ASSAN ON MANNELE   CLV D   590.0																	\$16,000.00
## 2986.90   CONSTRUCT DRAMAGE STRUCKEE DESIGNAN   LIHFT   \$50.00   ## 291.518   F CONSTRUCT WALK   SO FT   \$17.50   ## 291.518   F STRUMNOUS WALK   SO FT   \$17.50   ## 291.518   F STRUMNOUS WALK   SO FT   \$13.50   ## 291.518   F STRUMNOUS WALK   SO FT   \$13.50   ## 291.518   F STRUMNOUS WALK   SO FT   \$13.50   ## 291.518   F STRUMNOUS WALK   SO FT   \$15.50   ## 291.518   F STRUMNOUS WALK   SO FT   \$15.50   ## 291.518   F STRUMNOUS WALK   SO FT   \$15.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   SO YO   \$97.50   ## 291.518   F CONCRITE DRIVEWAY PROMEMENT   F CONCRITE												0.125	\$75.00				\$16,000.00
## 287-158  # COOKRETE VALKE										0.125	¥10.00	0.125	¥10.00			-	
231503   CONCRETE CLURS & QUITER DESIGN MOSS   LINFT   524.00   4966   \$112,000.00   19.0   \$3,000.00   20.0   \$6,700.00																	
## 5231504 @ CONCRETE RORPWAY PARKEMENT SO YD \$75.00   \$7																	
46   2231564   FOLORITE VALUE FUNDERS   SO FT   \$60 0   \$28,275.00						4695	\$112,680.00	150	\$3,600.00	280	\$6,720.00					5125	\$123,000.00
40 2291.918   TRUNCATED DOMES   50 PT   505.00						290	\$28 275 00									290	\$28,275.00
2625.0591   TRAFFIC CONTROL   LUBP SIM   \$3.00.00   0.87   \$2.91.01   0.91   \$38.94   0.059.99   \$327.53   0.02   \$65.48   0.059648   \$28.95   1																	
## 2894-518 SIGN PANELS TYPE C SQ FT \$80.00   36 \$3.175.00   14 \$2.310.00   36 \$3.175.00   14 \$2.310.00   36 \$3.175.00   14 \$2.310.00   36 \$3.175.00   36 \$3.175.00   37 \$4.00   37 \$2.310.00   38 \$3.175	47	2540.602	MAIL BOX SUPPORT	EACH	\$125.00	2										2	\$250.00
Second   S								0.01	\$38.94	0.0859	\$257.63	0.02	\$63.48	0.0099849	\$29.95	1	\$3,000.00
2008   2573-503   SEDIMENT CONTROL LOG TYPE WOOD FIBER   LINFT   \$5.00   2208   \$511.540.00   2208   \$512.540.00   2208   2573-503   \$11.540.00   2208   2573-503   \$11.540.00   2208   2573-503   2573-504   2573-504   2573-505   2573-504   2573-505   2573-506   2						36	\$2,175.00			14	\$2.210.00						\$2,175.00 \$2,310.00
\$2   2573.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.501   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$275.508   \$274.507   \$275.508   \$274.507   \$275.508   \$275.508   \$274.507   \$275.508   \$275.508   \$274.507   \$275.508   \$275.508   \$274.507   \$275.508   \$275						2308	\$11.540.00			14	\$2,310.00						\$11,540.00
Section   Scheened Drosol Borrow   Cu vo   \$45.00   330   \$14.850.00   330   330   \$14.850.00   330   330   \$14.850.00   330   330   330   330   330   330   330   330   330   330   330   330   330   33						2308	\$9,232.00									2308	\$9,232.00
S5   2574.508   FERTILIZER TYPE 3 (16-10-20) (SEEDING)   POUND   \$1.75   37   \$84.75		2573.501	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00		421.00.00										\$2,400.00
Section   Sect																	\$14,850.00
ST   2575.04   SOD TYPE LAWN   SOLYD   \$17.50						37	\$64.75									37	\$64.75
S8   2575.08   SED MXTURE 22-111 (TEMPORARY SEEDING)   POUND   \$5.50   74   \$447.00     74   \$518.00     \$519.00   \$519					4												
59   2375-08   SEED MICTURE 22-151   POUND   \$7.00   74   \$518.00						74	\$407.00									74	\$407.00
61   2575.023   WATER	59		SEED MIXTURE 25-151														\$518.00
0.1   23/3.56   SEEDING   MARK   MSCL   MS																	\$4,557.00 \$450.00
63   2882.503   4" SOLID LINE PAINIT   LIN FT   50.05   2200   51.870.00   2200   51.870.00   2200   51.870.00   2200   51.870.00   2200   2						- "	*										\$450.00 \$372.00
64 2882.503 4* BROKEN LIKE PAINT LIN FT \$0.85 2200 \$1.870.00 \$1.87						0.02	<b>4312.00</b>									· ·	40.2.00
CONTINGENCIES (8%): \$3,845,367.88   \$7,0002% \$557,640.66   1.30% \$8,318.94   8.59% \$55,042.63   2.12% \$13,562.36   1.00% \$6,399.95   100% CONTINGENCIES (8%): \$44,611.25   \$46,611.25   \$46,611.25   \$46,611.25   \$46,011.25   \$44,011.25   \$44,011.25   \$46,011.25   \$44,011.25   \$						2200	\$1,870.00									2200	\$1,870.00
ESTIMATED CONSTRUCTION COST: \$3,845,367.88 87,0002% \$557,640.66 1.30% \$8,318.94 8.59% \$55,042.63 2.12% \$13,562.36 1.00% \$6,399.95 100% CONTINGENCIES (8%): \$303,362.80 \$44,611.25 \$665.52 \$4,403.41 \$1,084.99 \$512.00 \$S10.70																	
CONTINGENCIES (8%):         \$303,362.80         \$44,611.25         \$665.52         \$4,403.41         \$1,084.99         \$512.00           SUBTOTAL:         \$4,152,997.31         \$602,251.91         \$8,984.46         \$59,446.04         \$14,647.35         \$6,911.95         16,67%	66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	350	\$297.50									350	\$297.50
CONTINGENCIES (8%):         \$303,362.80         \$44,611.25         \$665.52         \$4,403.41         \$1,084.99         \$512.00           SUBTOTAL:         \$4,152,997.31         \$602,251.91         \$8,984.46         \$59,446.04         \$14,647.35         \$6,911.95         16,67%	E01	TIMATED CONS	STRUCTION COST:		\$3.845.367.88	87 00029/	\$557 640 69	1 200/	\$8 318 Q/	9 500/	\$55,042,62	2 129/	¢13 562 30	1.000/	\$6 300 05	4009/	\$640,964.54
SUBTOTAL:         \$4,152,997.31         \$602,251.91         \$8,984.46         \$59,446.04         \$14,647.35         \$6,911.95         16,67%						87.0002%		1.30%		6.59%		2.12%		1.00%		100%	\$640,964.54 \$51.277.16
			<b>*</b>			•				=		= :		=		16.67%	
				%):	\$1,038,249.33		\$150,562.98		\$2,246.11	_	\$14,861.51		\$3,661.84	_	\$1,727.99		\$173,060.43
ESTIMATED TOTAL PROJECT COST: \$5,191,246.64 \$752,814.89 \$11,230.57 \$74,307.54 \$18,309.19 \$8,639.94	ES1	TIMATED TOTA	AL PROJECT COST:		\$5,191,246.64	•	\$752,814.89	-	\$11,230.57	-	\$74,307.54	- :	\$18,309.19	-	\$8,639.94	•	\$865,302.13

#### 2024 MILL & OVERLAY AND FULL DEPTH RECLAMATION IMPROVEMENTS PROJECT ENGINEER'S ESTIMATE AND ASSESSMENT CALCULATIONS BAXTER, MN Monday, August 28, 2023

									NOVICE	V DOAD				
					CITY ROA	DWAY	STORM SI	WER	NOVOTN' SANITARY		WATE	R	TOTAL PR	OJECT
NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST
1	2021.501	MOBILIZATION	LUMP SUM	\$10.000.00	0.81	\$8,100.00	0.13	\$1,300.00	0.03	\$300.00	0.03	\$300.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00					1	\$235.00			1	\$235.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00			7	\$1,645.00					7	\$1,645.00
4	2104.502	REMOVE SIGN	EACH	\$40.00	3	\$120.00							3	\$120.00
5	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00										
6 7	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$7.50	60	\$240.00	28	\$112.00	27	\$108.00			115	\$460.00
7 8	2104.503 2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) REMOVE CURB & GUTTER	LIN FT	\$4.00 \$4.00	511	\$240.00	120	\$112.00 \$480.00	2/	\$108.00			631	\$460.00
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00	0.11	\$2,044.00	123	Q400.00						\$2,024.00
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00			5	\$32.67	11	\$65.33			16	\$98.00
11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	3	\$900.00							3	\$900.00
12	2105.607	EXCAVATION SPECIAL	CU YD	\$16.00	129	\$2,068.89							129	\$2,068.89
13	2105.607	COMMON EXCAVATION	CU YD	\$15.00	296	\$4,433.33							296	\$4,433.33
15	2123.510	COMMON LABORERS	HOUR	\$100.00	6	\$600.00	6	\$600.00	6	\$600.00	6	\$600.00	24	\$2,400.00
16	2123.610	SKID LOADER	HOUR	\$145.00	6	\$870.00	6	\$870.00	6	\$870.00	6	\$870.00	24	\$3,480.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WAT	HOUR	\$200.00	1330	\$1,200.00 \$2,660.00	6	\$1,200.00	6	\$1,200.00	6	\$1,200.00	24	\$4,800.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00	1330	\$2,660.00							1330	\$2,660.00
19 21	2232.504 2301.504	MILL BITUMINOUS SURFACE (2.0")  CONCRETE PAVEMENT 8"	SQ YD SQ YD	\$2.00 \$90.00									ı <del> </del>	
	2301.504		SQ YD SQ YD	\$90.00 \$45.00							<b>H</b>			
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT  TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	\$45.00	241	\$22,885.14	1	\$86.03	2	\$189.28			244	\$23,160.45
24	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)  TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$85.00	241	\$20,476.18	1 1	\$76.98	2	\$169.35			244	\$20,722.51
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00										
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00										
27	2504.502	HYDRANT	EACH	\$5,500.00										
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00										
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00										
30	2504.602	WATERMAIN EXPLORATORY EXCAVATION	HOUR	\$700.00										
31	2504.602	ADJUST VALVE BOX	EACH	\$325.00							3	\$975.00	3	\$975.00
32	2504.602	VALVE BOX MID SECTION	EACH	\$250.00							1	\$250.00	1	\$250.00
33	2504.602	WATERMAIN TEE	EACH	\$6,500.00									1	\$1,200.00
34 35	2506.502 2506.502	CASTING ASSEMBLY (SANITARY 700-7)  CASTING ASSEMBLY (STORM 700-7)	EACH EACH	\$1,200.00 \$1,200.00					1	\$1,200.00			<u>'</u>	\$1,200.00
36	2506.502	CASTING ASSEMBLY (STORM 700-7)  CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP	EACH	\$1,200.00 \$1.550.00			6	\$9,300.00					6	\$9,300.00
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP	EACH	\$1,550.00 \$1,300.00			1	\$1,300.00					1	\$1,300.00
38	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,000.00			2	\$4,000.00					2	\$4,000.00
39	2506.602	GROUT CATCH BASIN OR MANHOLE	CU YD	\$600.00			0.125	\$75.00	0.125	\$75.00			0	\$150.00
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	\$500.00										
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50										
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50										
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00	511	\$12,272.40	120	\$2,880.00					631	\$15,152.40
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00										
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50										
46	2531.618	TRUNCATED DOMES	SQ FT	\$65.00										
17	2540.602	MAIL BOX SUPPORT	EACH	\$125.00									$\vdash$	#2 00F
18	2563.601 2564.518	TRAFFIC CONTROL	LUMP SUM SQ FT	\$3,000.00 \$60.00	0.81	\$2,430.00 \$975.00	0.13	\$390.00	0.03	\$90.00	0.03	\$90.00	1 16	\$3,000.00 \$975.00
49 50	2564.518 2573.502	SIGN PANELS TYPE C STORM DRAIN INLET PROTECTION	SQ FT EACH	\$60.00 \$165.00	16	\$975.00	6	\$990.00	1		1		16	\$975.00 \$990.00
50	2573.502 2573.503	STORM DRAIN INLET PROTECTION SEDIMENT CONTROL LOG TYPE WOOD FIBER	EACH LIN FT	\$165.00 \$5.00	178	\$890.00	, and	3550.00					178	\$890.00
52	2573.503	SILT FENCE, TYPE MS	LIN FT	\$4.00	178	\$712.00							178	\$712.00
53	2573.501	STABILIZED CONSTRUCTION EXIT	EACH	\$1,200.00	1	\$1,200.00							1	\$1,200.00
54	2574.507	SCREENED TOPSOIL BORROW	CU YD	\$45.00	38	\$1,710.00							38	\$1,710.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$1.75	4	\$7.35							4	\$7.35
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75										
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50	333	\$5,833.33							333	\$5,833.33
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50	8	\$44.00							8	\$44.00
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	8	\$58.80							8	\$58.80
30	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	147	\$514.50							147	\$514.50
1	2575.523	WATER	MGAL	\$45.00	10	\$450.00			1				10	\$450.00
2	2575.605	SEEDING	ACRE	\$600.00	0.07	\$42.00							0.07	\$42.00
13	2582.503	4" SOLID LINE PAINT	LIN FT	\$0.85	580	\$493.00							580	\$493.00
4	2582.503 2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85									ı	
i5 i6	2582.503 2582.503	8" SOLID LINE PAINT 4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85 \$0.85	40	\$34.00							40	\$34.00
		STRUCTION COST:		\$3,845,367.88 \$303,362.80	73%	\$94,263.93 \$7,541.11	20%	\$25,337.68 \$2,027.01	4%	\$5,101.96 \$408.16	3%	\$4,285.00 \$342.80	100%	
CO											= :			
	BTOTAL:	, ,		\$4,152,997.31		\$101,805.05		\$27,364,69		\$5.510.12		\$4.627.80	3.35%	\$139.307 66
SU	BTOTAL:	EGAL, FINANCE, ADMIN AND OTHER COSTS (25°		\$4,152,997.31 \$1,038,249.33		\$101,805.05 \$25,451.26		\$27,364.69 \$6,841.17		\$5,510.12 \$1,377.53		\$4,627.80 \$1,156.95	3.35%	\$139,307.66 \$34,826.91

					_									
					ASSESSABLE	ROADWAY	STORM S	EWER	WHISPERING			TOTAL PROJECT		
ITEM NO.	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST	ESTIMATED QUANTITY	TOTAL COST
1	2021.501	MOBILIZATION	LUMP SUM	\$10.000.00	0.85	\$8,500.00	0.10	\$1,000.00	0.02	\$200.00	0.03	\$300.00	1	\$10,000.00
2	2104.502	REMOVE CASTING (SANITARY)	EACH	\$235.00					1	\$235.00			1	\$235.00
3	2104.502	REMOVE CASTING (STORM)	EACH	\$235.00			4	\$940.00					4	\$940.00
4	2104.502	REMOVE SIGN	EACH	\$40.00	8	\$320.00							8	\$320.00
5 6	2104.502	REMOVE MAIL BOX SUPPORT	EACH	\$45.00	1	\$45.00							1	\$45.00
7	2104.503 2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH) SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$7.50 \$4.00	88	\$352.80			28	\$112.00			116	\$464.80
8	2104.503	REMOVE CURB & GUTTER	LIN FT	\$4.00	690	\$2,759.40	80	\$320.00					770	\$3,079.40
9	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00	90	\$903.00							90	\$903.00
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$6.00	133	\$800.10			5	\$32.67			139	\$832.77
- 11	2112.619	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$300.00	5	\$1,500.00							5	\$1,500.00
12	2105.607	EXCAVATION SPECIAL COMMON EXCAVATION	CU YD	\$16.00 \$15.00	180 431	\$2,874.67 \$6,468.00							180 431	\$2,874.67 \$6,468.00
13	2105.607 2123.510	COMMON LABORERS	CU YD HOUR	\$15.00	431	\$6,468.00	6	\$600.00	6	\$600.00	6	\$600.00	431 24	\$6,468.00
16	2123.510	SKID LOADER	HOUR	\$100.00	6	\$870.00	6	\$870.00	6	\$870.00	6	\$870.00	24	\$3,480.00
17	2123.610	STREET SWEEPER (WITH PICKUP BROOM AND WAT	HOUR	\$200.00	6	\$1,200.00	6	\$1,200.00	6	\$1,200.00	6	\$1,200.00	24	\$4,800.00
18	2215.504	FULL DEPTH RECLAMATION	SQ YD	\$2.00	1940	\$3,880.80							1940	\$3,880.80
19	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$2.00										
21	2301.504	CONCRETE PAVEMENT 8*	SQ YD	\$90.00	10	\$900.00			-				10	\$900.00
22	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$45.00	133 351	\$5,985.00 \$33.388.22	-		+	\$86.03	<b>—</b>		133 352	\$5,985.00 \$33.474.25
23	2360.509 2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)  TYPE SP 12.5 NON-WEARING COURSE MIX (3,B)	TON	\$95.00 \$85.00	351 351	\$33,388.22 \$29,873.67	1		1	\$86.03			352	\$33,474.25
25	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$75.00			1			******				,
26	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$1,300.00			1							
27	2504.502	HYDRANT	EACH	\$5,500.00										
28	2504.602	HYDRANT RESTORATION	EACH	\$2,500.00										
29	2504.602	6" GATE VALVE REPLACEMENT	EACH	\$1,500.00										
30	2504.602 2504.602	WATERMAIN EXPLORATORY EXCAVATION ADJUST VALVE BOX	HOUR EACH	\$700.00 \$325.00							4	\$1,300.00	4	\$1,300.00
31	2504.602 2504.602	VALVE BOX MID SECTION	EACH	\$325.00 \$250.00							2	\$500.00	2	\$500.00
33	2504.602	WATERMAIN TEE	EACH	\$6.500.00								*******		*******
34	2506.502	CASTING ASSEMBLY (SANITARY 700-7)	EACH	\$1,200.00					1	\$1,200.00			1	\$1,200.00
35	2506.502	CASTING ASSEMBLY (STORM 700-7)	EACH	\$1,200.00										
36	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-DVSP	EACH	\$1,550.00			4	\$6,200.00					4	\$6,200.00
37	2506.502	CASTING ASSEMBLY (STORM NEENAH R-3250-EVSP	EACH	\$1,300.00			6	\$12.000.00					6	\$12,000.00
38 39	2506.602 2506.602	RECONSTRUCT DRAINAGE STRUCTURE GROUT CATCH BASIN OR MANHOLE	EACH CU YD	\$2,000.00 \$600.00			0.125	\$75.00	0.125	\$75.00			0	\$12,000.00
40	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	\$500.00			0.120	\$10.00	0.120	ψ7 0.00			-	*******
41	2521.518	6" CONCRETE WALK	SQ FT	\$17.50										
42	2521.518	3" BITUMINOUS WALK	SQ FT	\$3.50										
43	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$24.00	657	\$15,768.00	80	\$1,920.00					737	\$17,688.00
44	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$75.00									62	\$6,045,00
45	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$97.50	62	\$6,045.00	-						62	\$6,045.00
46 47	2531.618 2540.602	TRUNCATED DOMES  MAIL BOX SUPPORT	SQ FT EACH	\$65.00 \$125.00	1	\$125.00	1						1	\$125.00
48	2563.601	TRAFFIC CONTROL	LUMP SUM	\$3,000.00	0.85	\$2,550.00	0.10	\$300.00	0.02	\$60.00	0.03	\$90.00	1	\$3,000.00
49	2564.518	SIGN PANELS TYPE C	SQ FT	\$60.00	38	\$2,250.00							38	\$2,250.00
50	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$165.00			4	\$660.00					4	\$660.00
51	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	\$5.00										
52	2573.503	SILT FENCE, TYPE MS	LIN FT FACH	\$4.00 \$1.200.00		\$1,200.00	-				-		1	\$1,200.00
53 54	2573.501 2574.507	STABILIZED CONSTRUCTION EXIT SCREENED TOPSOIL BORROW	EACH CU YD	\$1,200.00 \$45.00	58	\$1,200.00							58	\$1,200.00
55	2574.508	FERTILIZER TYPE 3 (10-10-20) (SEEDING)	POUND	\$45.00	7	\$11.55	<b>†</b>						7	\$11.55
56	2574.508	FERTILIZER TYPE 3 (22-5-10) (SOD)	POUND	\$1.75										
57	2575.504	SOD TYPE LAWN	SQ YD	\$17.50										
58	2575.508	SEED MIXTURE 22-111 (TEMPORARY SEEDING)	POUND	\$5.50	13	\$71.50							13	\$71.50
59	2575.508	SEED MIXTURE 25-151	POUND	\$7.00	13	\$92.40							13	\$92.40
60	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	\$3.50	231	\$808.50	1		-		<b>——</b>		231	\$808.50 \$450.00
61	2575.523 2575.605	WATER SEEDING	MGAL ACRE	\$45.00 \$600.00	0.11	\$450.00	<del>                                     </del>				<u> </u>		0	\$450.00
63	2575.605	4" SOLID LINE PAINT	LIN FT	\$0.85	2.11		1							
64	2582.503	4" BROKEN LINE PAINT	LIN FT	\$0.85	112	\$95.20							112	\$95.20
65	2582.503	8" SOLID LINE PAINT	LIN FT	\$0.85										
66	2582.503	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.85	350	\$297.50							350	\$297.50
ESTIMATED CONSTRUCTION COST: \$3,845,367.88			79%	\$133,661.31	15%	\$26,085.00	3%	\$4,747.68	3%	\$4,860.00	100%	\$169,353.99		
	NTINGENCIES			\$303,362.80		\$10,692.90	_	\$2,086.80	_	\$379.81	_	\$388.80		\$13,548.32
SL	IBTOTAL:			\$4,152,997.31	•	\$144,354.21	_	\$28,171.80	_	\$5,127.49	-	\$5,248.80	4.40%	\$182,902.31
		EGAL, FINANCE, ADMIN AND OTHER COSTS (25)	%):	\$1,038,249.33		\$36,088.55	=	\$7,042.95	=	\$1,281.87	= :	\$1,312.20	:	\$45,725.58
ESTIMATED TOTAL PROJECT COST:			\$5,191,246.64		\$180,442.77		\$35,214.75		\$6,409.37	•	\$6,561.00		\$228,627.88	

# 2024 MILL & OVERLAY AND FULL DEPTH RECLAMATION IMPROVEMENTS PROJECT ENGINEER'S ESTIMATE AND ASSESSMENT CALCULATIONS BAXTER, MN Monday, August 28, 2023

The content of the	TOTAL		
	TOTAL PROJECT		
1	ESTIMATED TOTAL COS		
1	25 \$250,000,00		
1	89 \$20,915.00		
1	49 \$11,515.00		
Total	69 \$2,760.00		
1	72 \$3,240.00 405 \$3,040.05		
1	5,044 \$20,177.00		
1	11,490 \$45,961.80		
1   1997   1998   1998   1   19	2,001 \$20,005.78		
Total	4,806 \$28,834.80 119 \$35,700.00		
19	4,158 \$66,520.19		
Section   Sect	3,169 \$47,537.78		
2	350 \$35,000.00		
1	350 \$50,750.00 350 \$70,000.00		
20   200   10   10   10   10   10   10	350 \$70,000.00 38,938 \$77,876.40		
20	38,697 \$77,394.80		
1.	677 \$60,897.00		
22	2,921 \$131,442.75		
5	10,040 \$953,811.78		
28   28   28   28   28   28   28   28	5,905 \$501,888.26 12 \$900.00		
27   20.000   MORNOR   10.00	1 \$1,300.00		
20   200.000   P. CATT VAN PER PARCESSON   1.000   1	5 \$27,500.00		
20   20   20   20   20   20   20   20	5 \$12,500.00		
30   200	5 \$7,500.00 76 \$53,200.00		
20   200.0000   200.00000   200.00000   200.00000   200.00000   200.00000   200.000000   200.000000   200.000000   200.00000000   200.0000000   200.0000000000	76 \$53,200.00		
30	40 \$10,000.00		
25   2566-122   CASTAN ASSESSANCY (STORM FORTON TOWN)   EACH   \$1,000.00	16 \$104,000.00		
1	90 \$108,000.00		
27   200.002   CARRING ASSERBLY (FIDOM RESUN FOR ASSERBLY (FIDOM RESULT FOR ASSERBLY (FIDOM RESULT) (FIDOM RESULT FOR ASSERBLY (FIDOM	1 \$1,200.00 45 \$69,750.00		
30	2 \$2,600.00		
200.000   COMMINICTORANGE STRUCTURE DESCRIPT   1.000	43 \$86,000.00		
## 1 STEEL ## CORREST WALK ## 251-501 OF CORREST CURB A CUTTER RESIDENT REGISTER REG	4 \$2,175.00		
\$20   \$20	5 \$2,400.00		
231-150   CONCRETE CURRE OLUTIFIC RESIDENCE   SAME   SAM	836 \$14,630.00 9,849 \$34,471,50		
## 2531504   COMMENT DORNOW PAYMENTY   50 YO   575 00   57   58.40713	11.608 \$278.600.40		
201188   SUMMANTED DOMES   Co.   C	640 \$48,000.00		
## 250.002 MAL BOX SUPPORT EACH \$132.00 0 2 \$250.00	749 \$73,040.50		
Red   263.591   TRAFFIC CONTRC.   LIMP SIM   \$3.00.00   0.91   \$1.90.00   0.91   \$5.00.00   0.93   \$80.00   0.93   \$80.00   0.93   \$80.00   1   \$3.00.00   0.93   \$1.90.00	84 \$5,460.00 72 \$9,000.00		
## 2564.518 SIGNEPANIES PYE C SQFT \$60.00 \$33 \$1,980.00 \$1 \$1,980.00 \$1 \$1,880.00 \$1,880.00 \$1	72 \$9,000.00 25 \$75,000.00		
50   2373-502   STORM DRANN RULF PROTECTION	380 \$22,800.00		
\$\frac{5}{2}\$ \ 2573.00\$ \ \$\ \$\ \$\ \$\ \$\ \$\ \$\ \$\ \$\ \$\ \$\ \$\	42 \$6,930.00		
51   2073-07   STABLUZED CONSTRUCTION EXIT   EACH   \$1,000.00   1   \$1,000.0	3,572 \$17,860.00		
Section   Sect	2,772 \$11,088.00 14 \$16.800.00		
Second   S	1,613 \$72,585.00		
56   2374-508   FERTILLIZER TYPE 3/22-510/(SDC))   POUND   \$1.75	127 \$222.43		
Set   2575-508   SEED MIXTURE 22-111 (TEMPORARY SEEDING)   POUND   \$5.50   12   \$50.00   6   \$33.00	2,441 \$4,271.75		
59   2375-508   HYDRAULIC RENFORCED FBER MATRX   POUND   \$1.50   12   \$84.00   6   \$42.00	4,269 \$74,701.67		
60   2075-098   IMDRAUER REPROPERED PARTRIX   POUND   \$3.50   210   \$775-00   100   \$530.00	170 \$935.00 255 \$1,782.20		
61 2575.523 WATER MOAL \$45.00 10 \$450.00 10 \$450.00   10	4,430 \$15,505.00		
62   2275-056   SEEDING	260 \$11,700.00		
64   2882-503   4" BROKELI LIBE PANT   LIN FT   50.85   48   54.08   1915   5862.75   1915   5862.75   1915   5862.75   1915   5862.75   191	2 \$1,302.00		
65   2582.503   8" SOLID LINE PAINT   LINET   50.85   48   \$40.80	859 \$730.15		
66         2/882.933         4" DOUBLE SOLID LINE PAINT         LINFT         50.85         1015         5982.75         1         16916         5882.76           ESTIMATED CONSTRUCTION COST:         \$3.845,367.88         62%         \$173,429.90         10%         \$27,421.64         22%         \$61,865.00         3%         \$8,395.64         3%         \$7,560.00         100%         \$278,672.17           CONTINGENCIES (6%):         \$303,382.80         \$13,874.39         \$2,193.73         \$4,949.20         \$671.65         \$604.80         \$22,293.77           SUBTOTAL:         \$4,152,997.31         \$187,304.29         \$2,961.537         \$66,814.20         \$9,067.29         \$8,164.80         7.25%         \$309,685.34	15,942 \$13,550.70 782 \$664.70		
ESTIMATED CONSTRUCTION COST: \$3,845,397.88 62* \$173,429.90 10* \$27,421.64 22* \$61,865.00 3* \$8,395.64 3* \$7,560.00 100* \$278,672.17 CONTINGENCIES (8%): \$303,362.80 \$13,874.99 \$2,193.73 \$4,949.20 \$671.65 \$604.80 \$22,293.77 SUBTOTAL: \$4,152,997.31 \$187,304.29 \$2,9615.37 \$66,814.20 \$9,067.29 \$8,164.80 7.25* \$300,965.94	7,110 \$6,043.50		
CONTINGENCIES (8%):         \$303,362.80         \$13,874.39         \$2,193.73         \$4,949.20         \$671.65         \$604.80         \$22,293.77           SUBTOTAL:         \$4,152,997.31         \$187,304.29         \$29,615.37         \$66,814.20         \$9,067.29         \$8,164.80         7.25%         \$300,965.94	\$3,845,367		
	\$307,629.4		
ENGINEERING, LEGAL, FINANCE, ADMIN AND OTHER COSTS (25%): \$1,038,249.33 \$46,826.07 \$7 403.84 \$16.703.55 \$2.266.82 \$2.041.20 \$75.244.49	100% \$4,152,997.		
	\$1,038,249.		
ESTIMATED TOTAL PROJECT COST: \$5,191,246.64 \$234,130.38 \$37,019.21 \$83,517.75 \$11,334.11 \$10,206.00 \$376,207.43	\$5,191,246.		

RESIDENTIAL M&O ASSESSMENT CALCULATIONS
FOTIMATED ACCESSABLE DDG JEGT COOT

ESTIMATED ASSESSABLE PROJECT COST:	\$976,047.43
ESTIMATED ERU'S:	206
ESTIMATED ERU ASSESSMENT:	\$4,738.09

 SANITARY SEWER:
 \$145,802.94

 WATERMAIN:
 \$202,774.73

 CITY TRAIL:
 \$2,541.37

 CITY ASSESSMENT:
 \$37,904.75

TOTAL CITY COST

TOTAL \$389.023.78

\$1,327,166.46

#### RESIDENTIAL FDR ASSESSMENT CALCULATIONS

\$1,093,635.05
83
\$13,176.33

 SANITARY SEWER:
 \$72,137.34

 WATERMAIN:
 \$88,385.99

 CITY TRAIL:
 \$31,589.72

 TOTAL CITY COST
 \$192,113.05

 TOTAL
 \$1,285,748.10

#### COMMERCIAL FDR ASSESSMENT CALCULATIONS

ESTIMATED ASSESSABLE PROJECT COST:	\$1,845,027.78
ESTIMATED FRONT FOOTAGE	7,566
ESTIMATED PER FOOT ASSESSMENT:	\$243.86

SANITARY SEWER: \$78,971.11 STORM SEWER: \$334,773.10 WATERMAIN: \$41,100.69 CITY TRAIL: \$102,953.33 CITY ROADWAY: \$175,506.08 CITY ASSESSMENT: \$132,902.48 TOTAL CITY COST \$866,206.78 **TOTAL** \$2,578,332.08

#### PROJECT COST SUMMARY

ESTIMATED TOTAL PROJECT COST:		\$5,191,246.64
ESTIMATED BENEFITTED ASSESSED COSTS	72%	\$3,743,903.03

ESTIMATED BENEFITTED ASSESSED COSTS	72%	\$3,743,903.03
CITY COST (INCLUDES ASSESSED COST)	28%	\$1,447,343.61
CITY COST SUMMARY		

 CITY ROADWAY:
 \$175,506.08

 TRAIL:
 \$137,084.41

 STORM SEWER:
 \$334,773.10

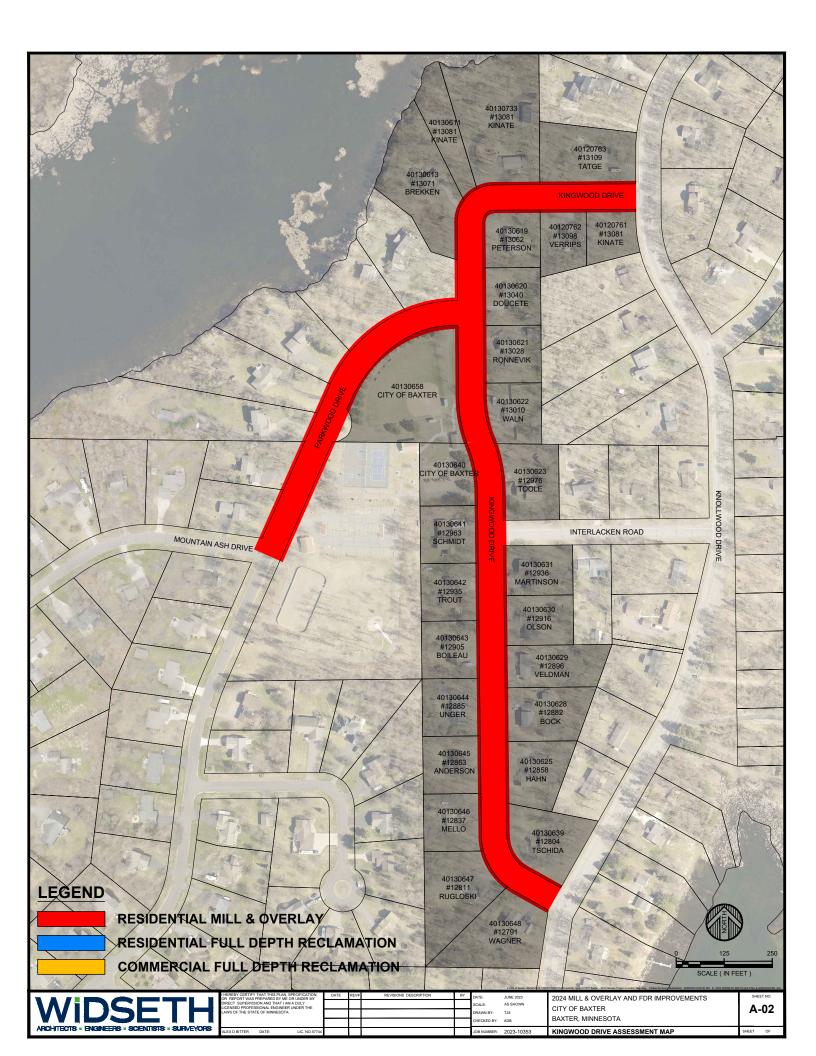
 SANITARY SEWER:
 \$296,911.38

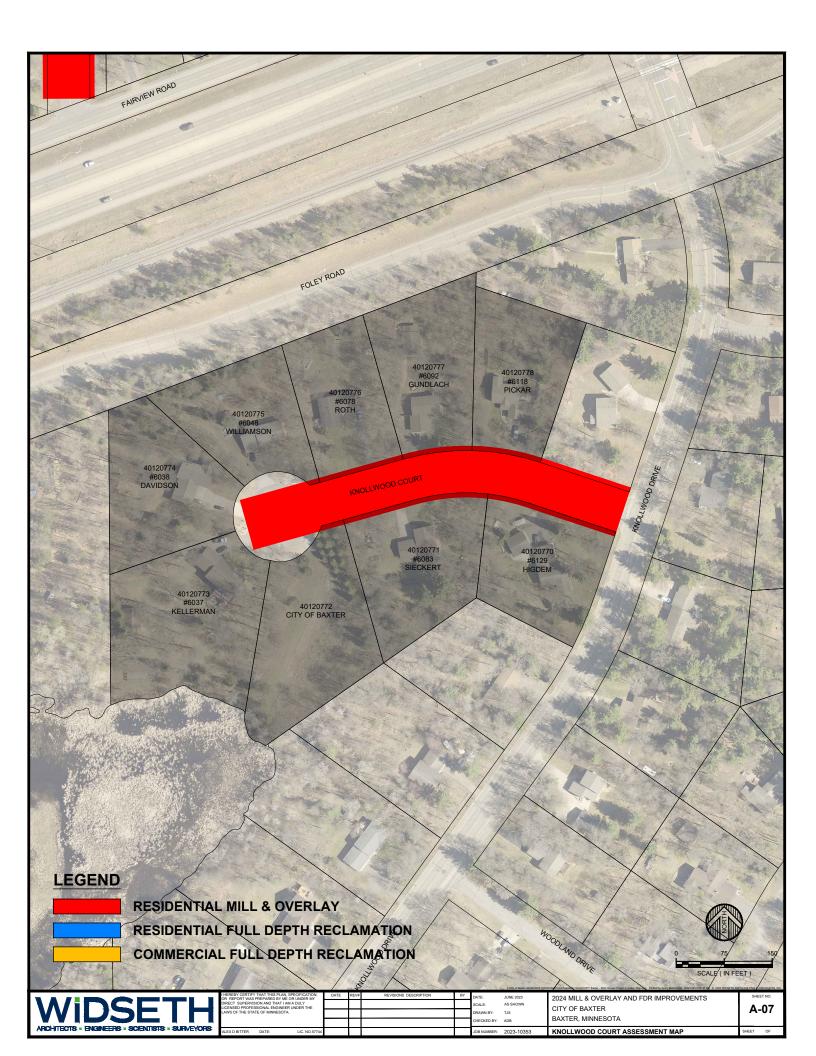
 WATER:
 \$332,261.40

 CITY ASSESSMENT:
 \$170,807.23

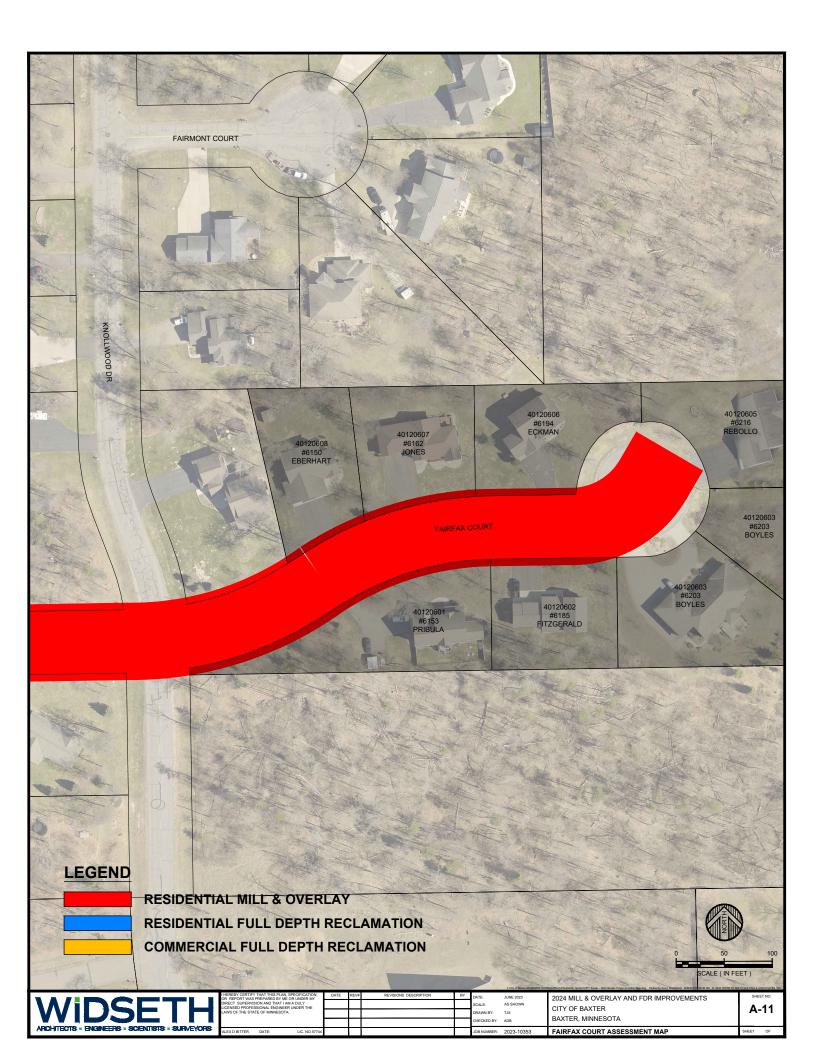
 TOTAL ESTIMATED CITY COST:
 \$1,447,343.61



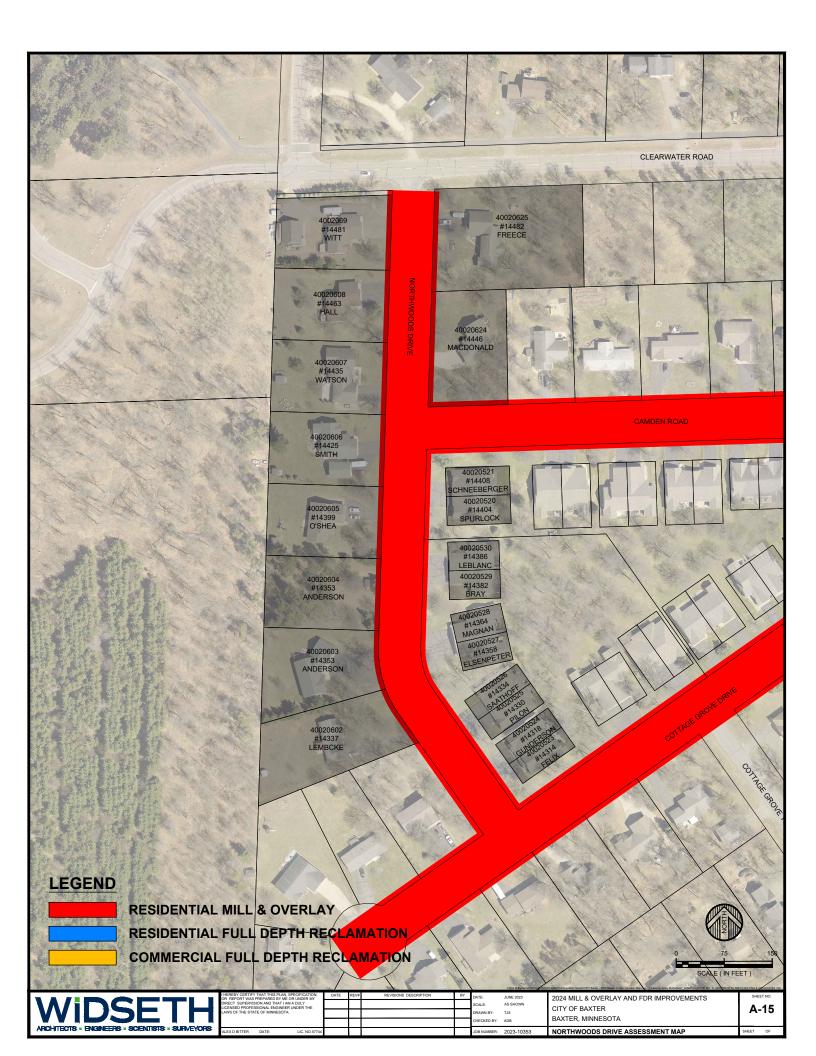




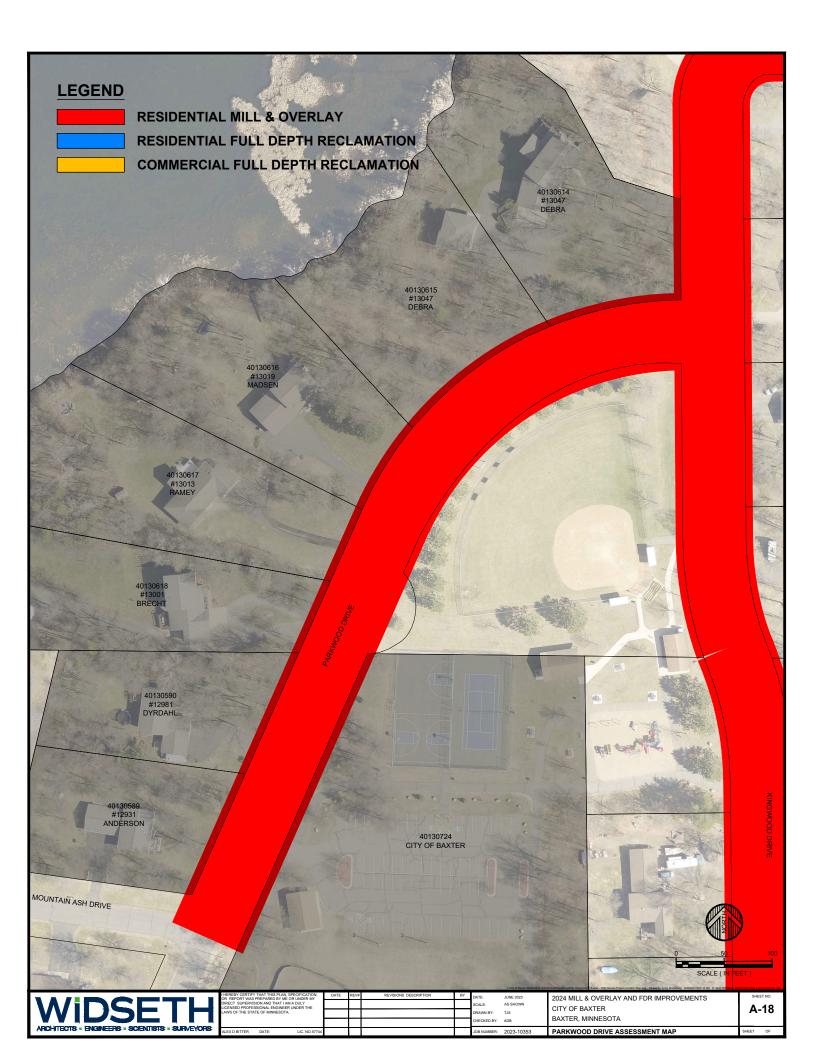


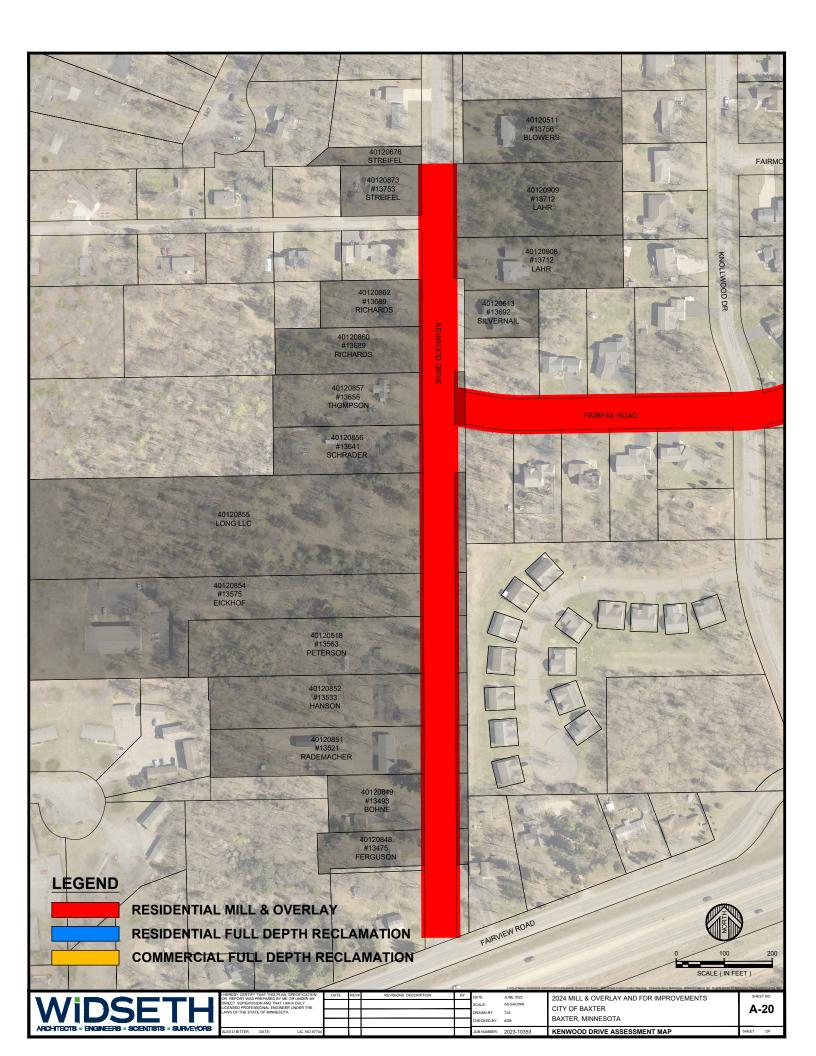


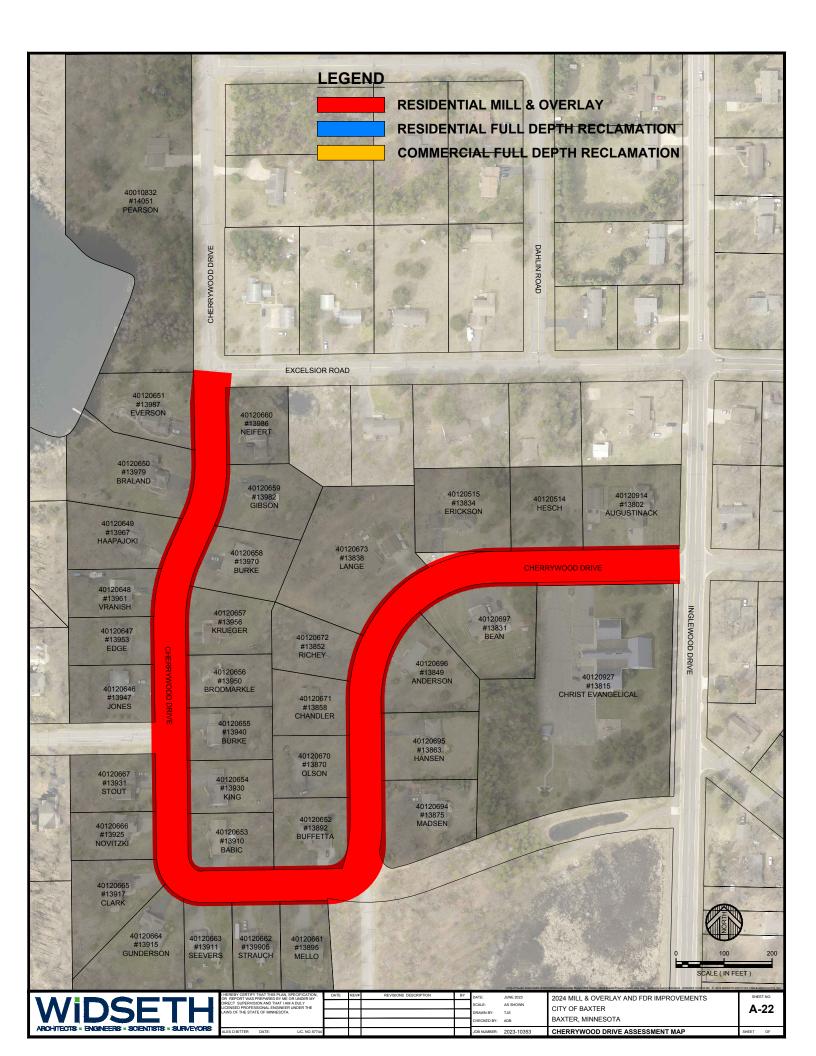


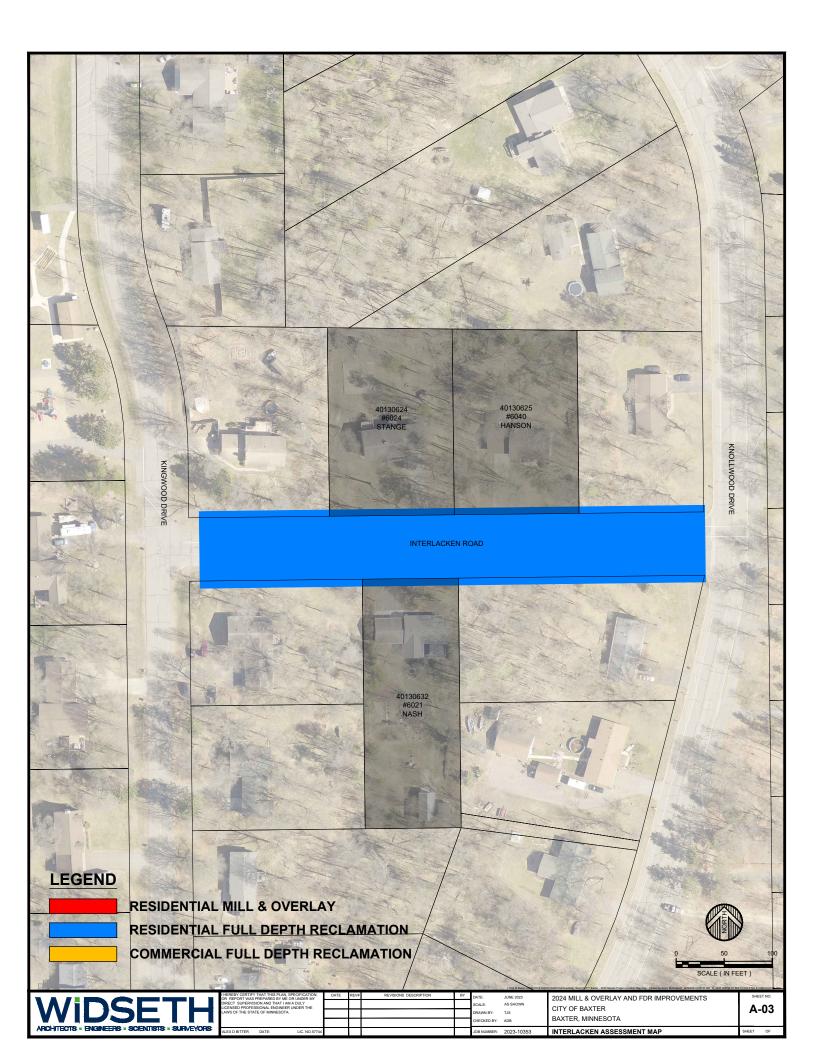


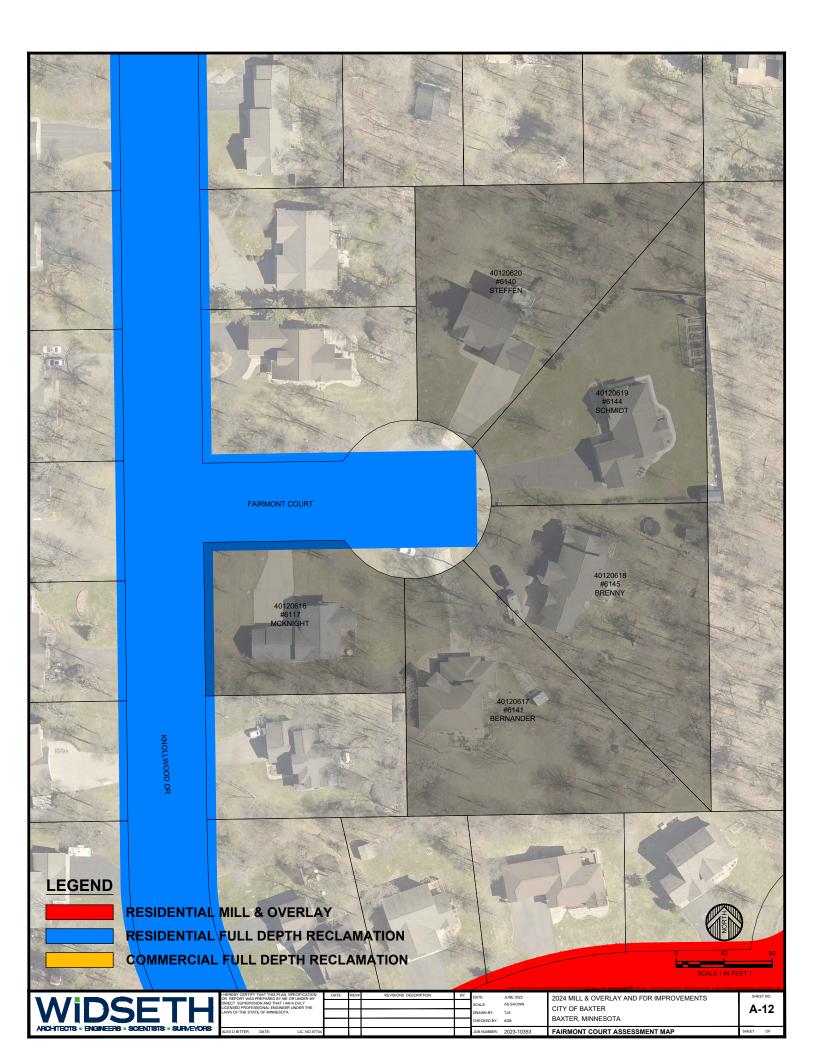




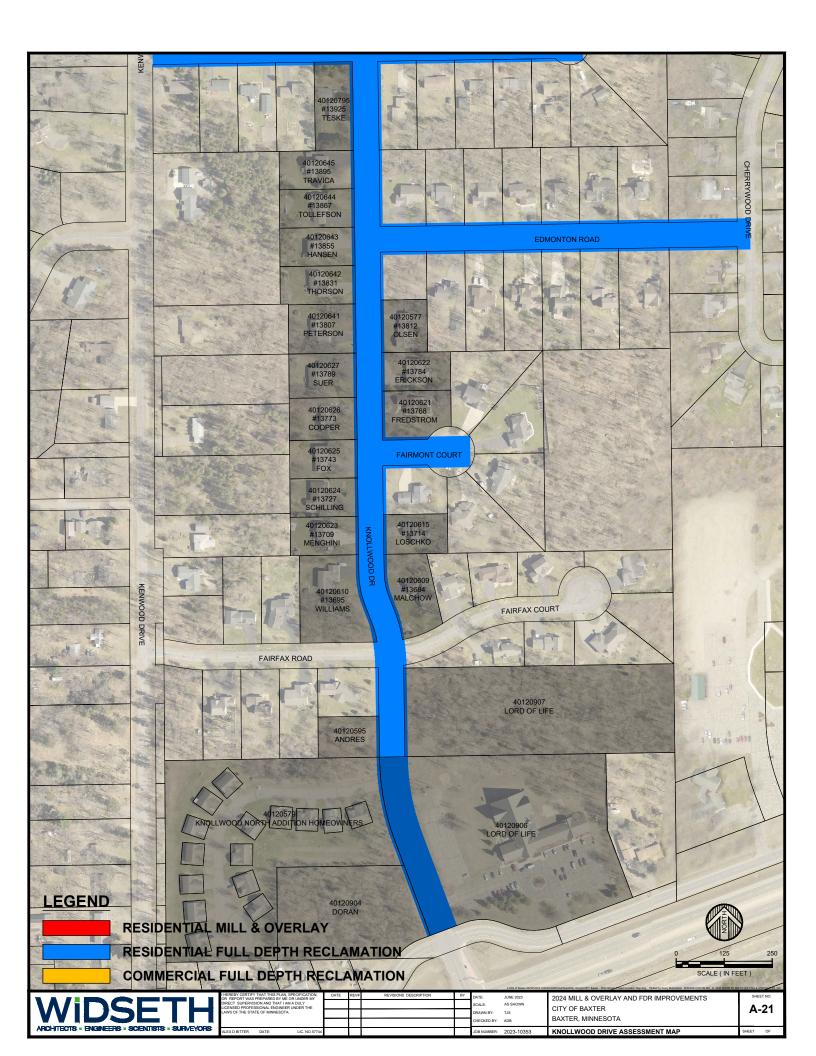


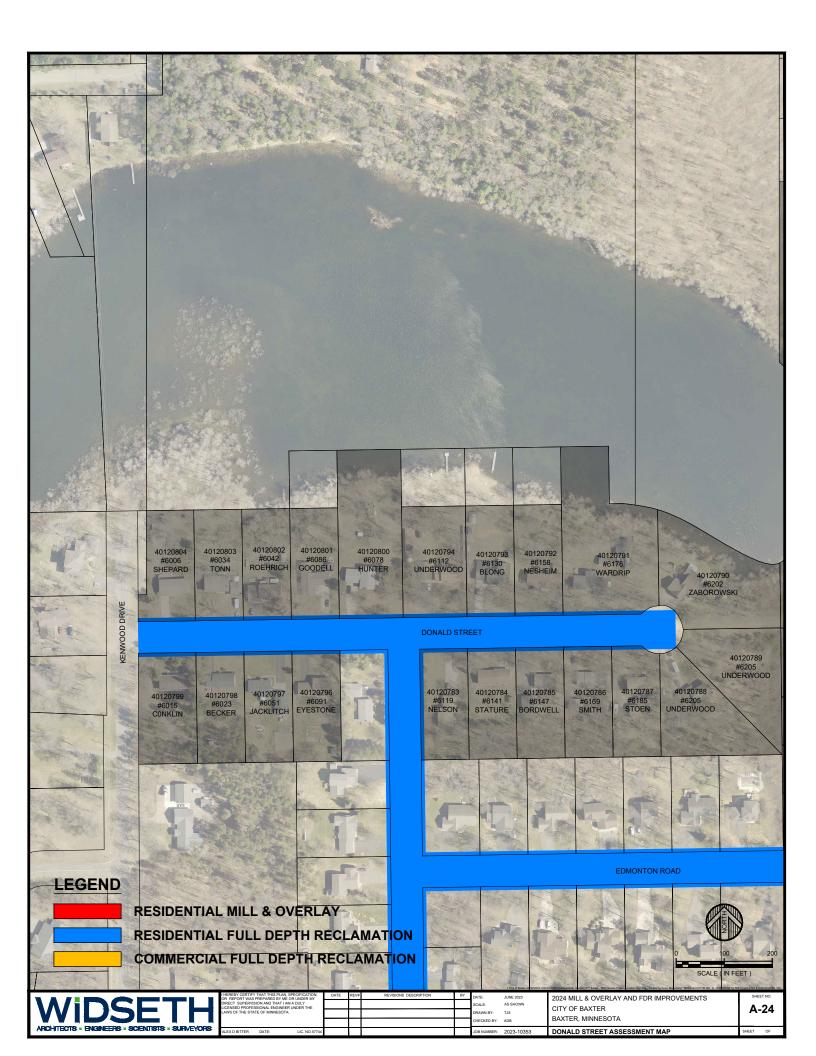


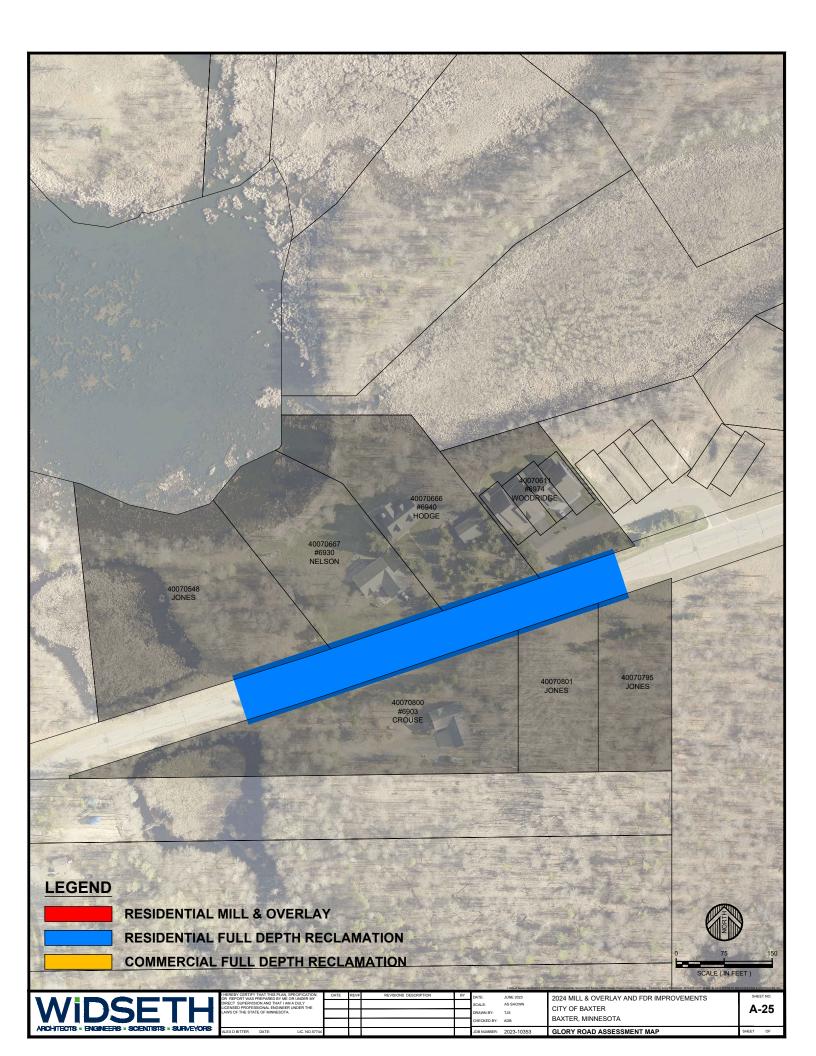






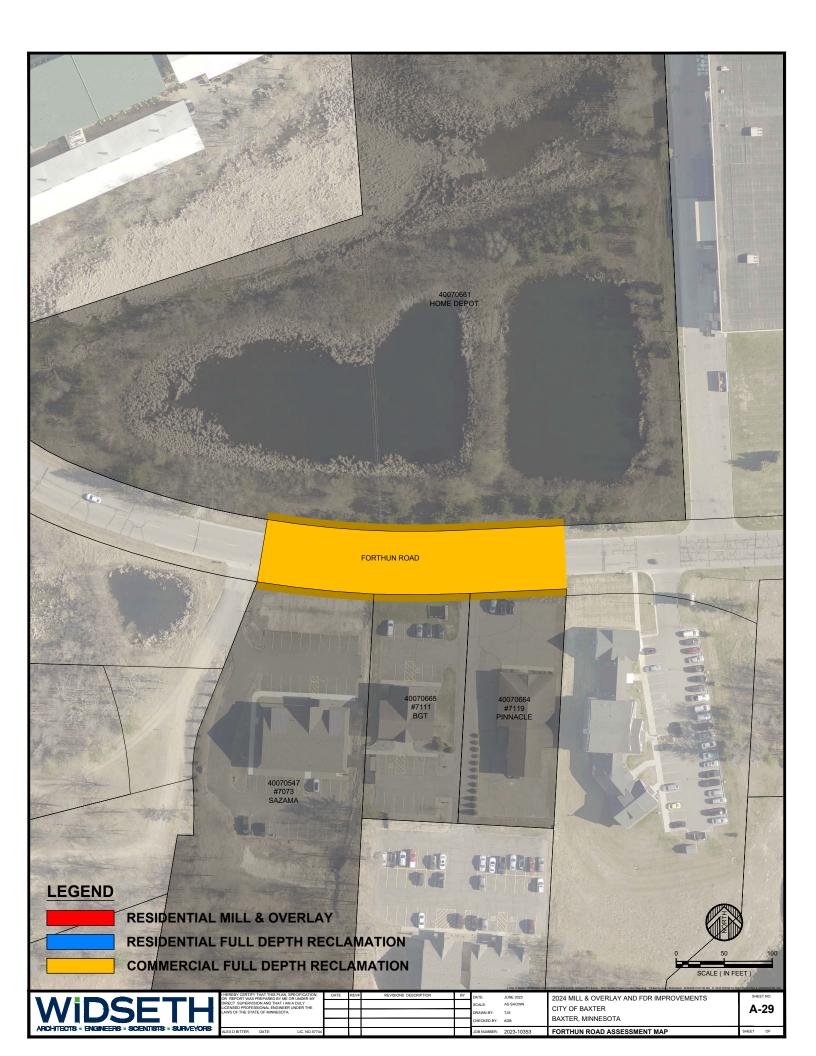


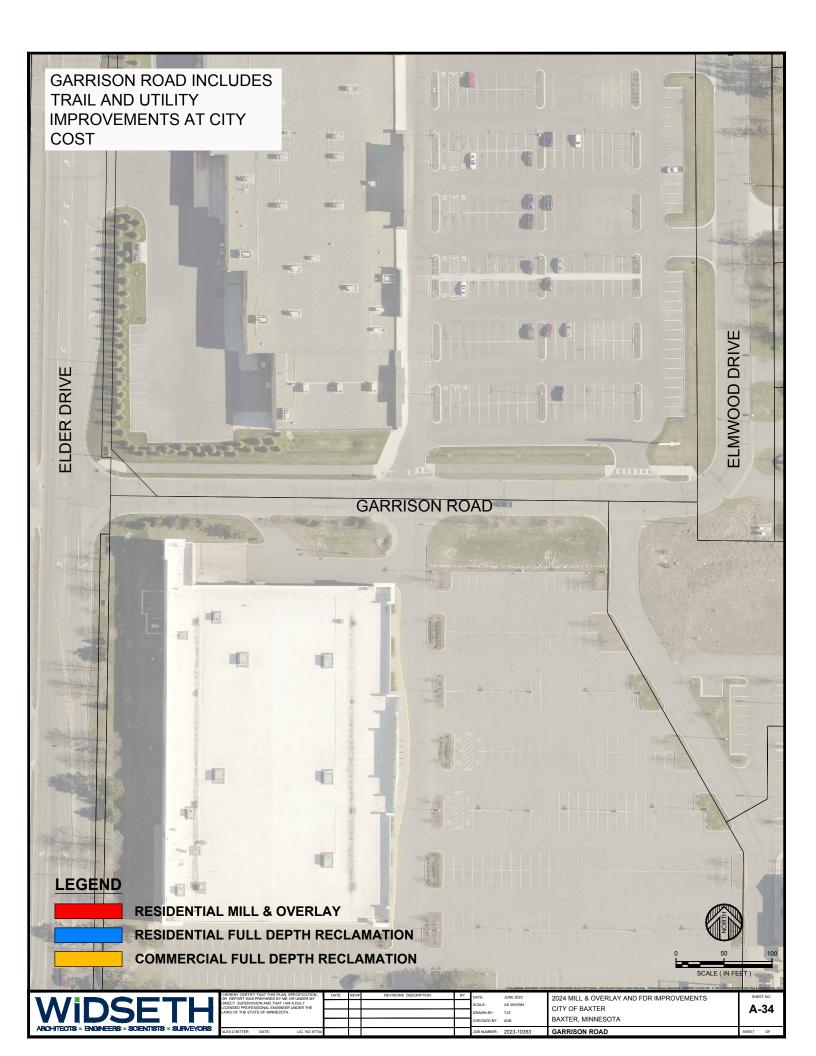


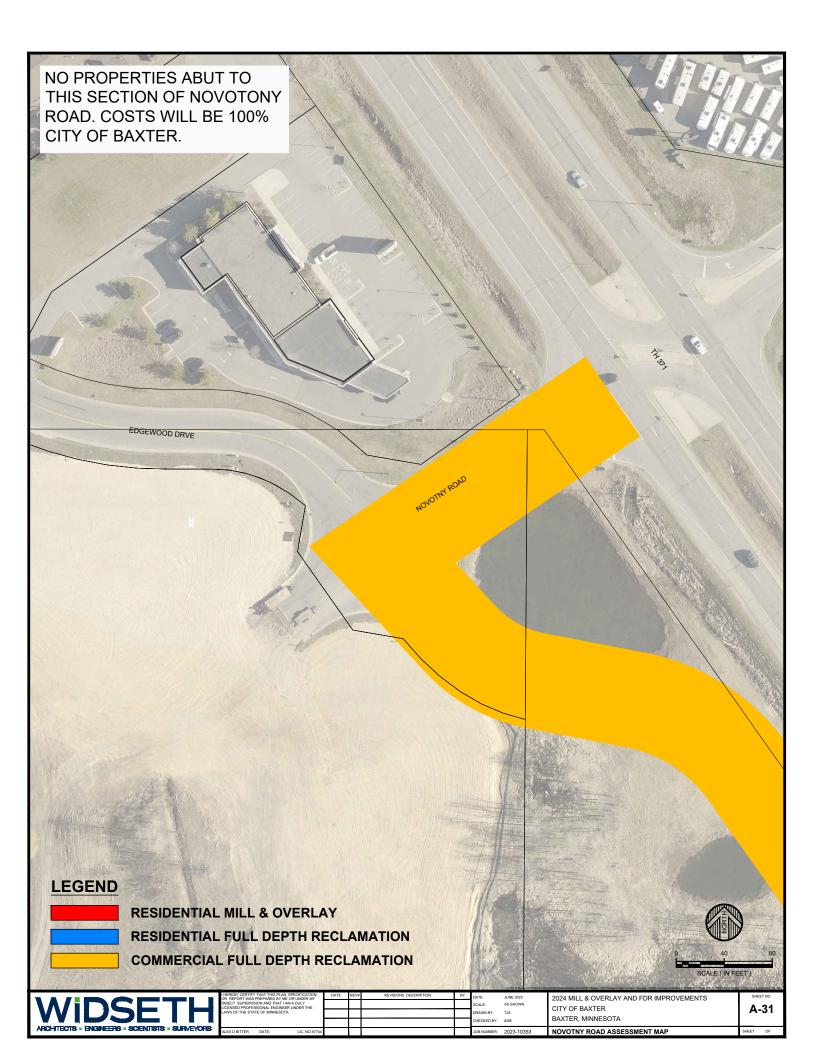


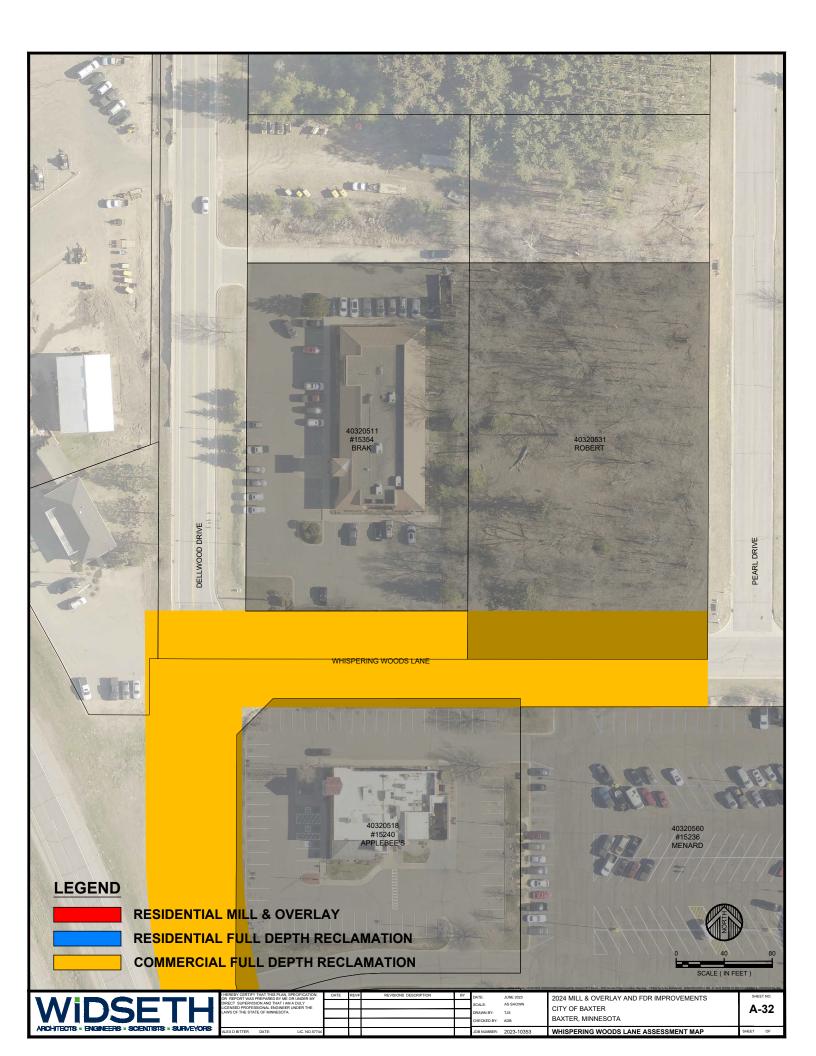


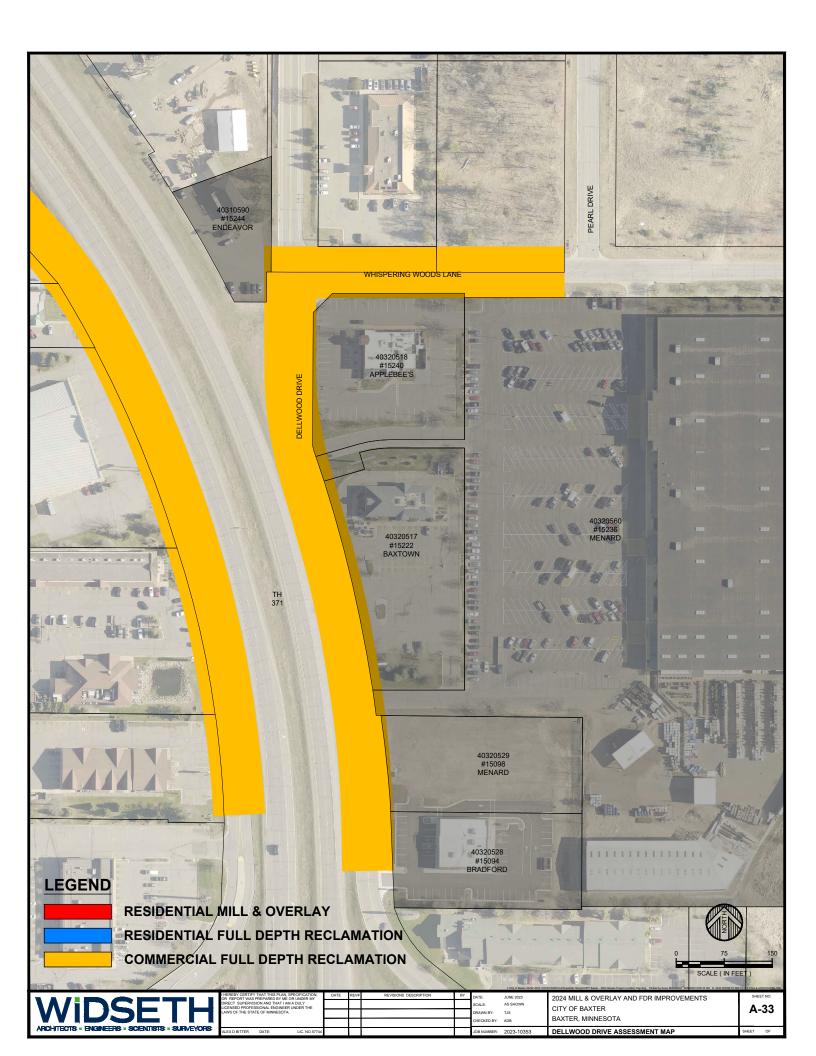


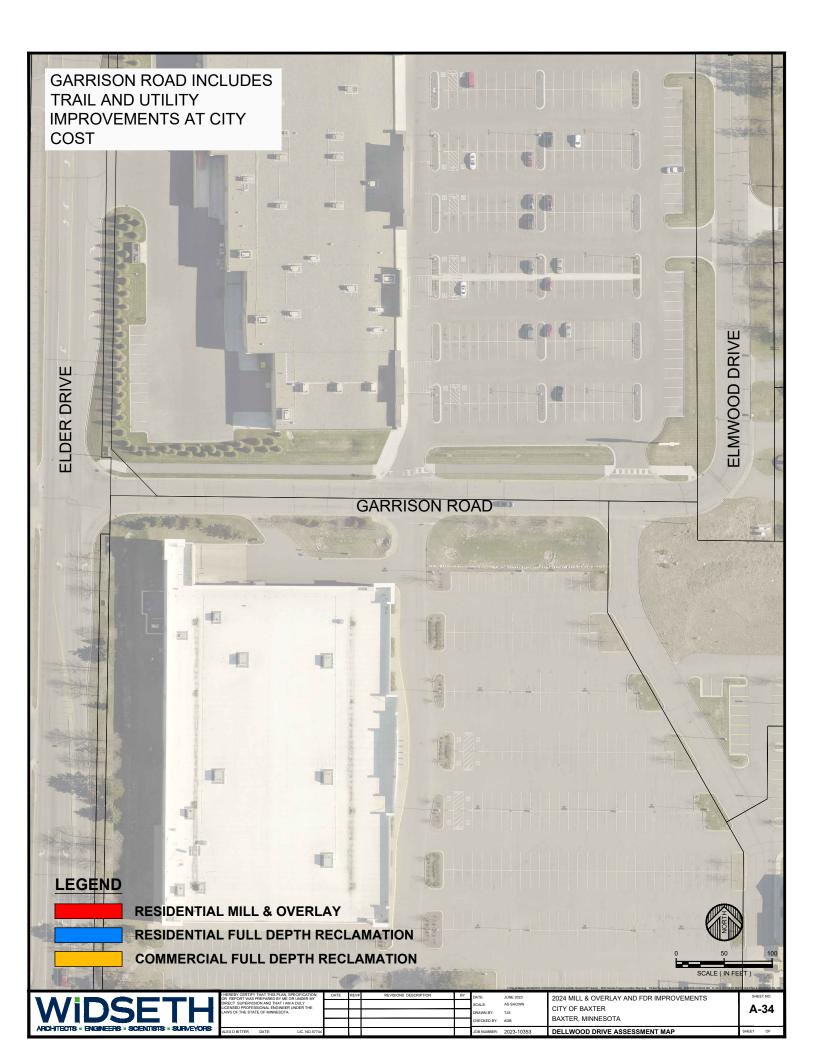












#### **ERU ASSESSMENT**

OUNT	#/5	NARAE	EDONITACE (5:)	MILL & OVER		COMMENTS	COST ESTIMANTS
DUNT	# ID	NAME	FRONTAGE (ft)	ASSESSMENT	ROAD	COMMENTS	COST ESTIMATE
1	5970	SWETLAND	136.65	1	JEPSON ROAD		\$4,738
2	5952	BELIVEAU	136.23	1	JEPSON ROAD		\$4,738
3	5924	WHATLEY	136.23	1	JEPSON ROAD		\$4,738
4		SCHMECK	91.67	1	JEPSON ROAD		\$4,738
5	5901	SCHWARZ	114	1	JEPSON ROAD		\$4,738
6	5909	BAUTCH	92.32	1	JEPSON ROAD		\$4,738
7	5923	SCHULTZ	132.96	1	JEPSON ROAD		\$4,738
8		HOLDERNESS	140.04	1	JEPSON ROAD		\$4,738
9		HOULE	125.85	1	JEPSON ROAD		\$4,738
,	3377	HOULE	123.03		JEI JOIN ROAD		Ş4,730
10	12791	WAGNER	149.32	1	KINGWOOD DRIVE		\$4,738
11	12811	RUGLOSKI	144.5	1	KINGWOOD DRIVE		\$4,738
12	12837	MELLO	150.25	1	KINGWOOD DRIVE		\$4,738
13	12863	ANDERSON	150	1	KINGWOOD DRIVE		\$4,738
14	12885	UNGER	150	1	KINGWOOD DRIVE		\$4,738
15	12905	BOILEAU	150	1	KINGWOOD DRIVE		\$4,738
16	12935	TROUT	150	1	KINGWOOD DRIVE		\$4,738
17	12963	SCHMIDT	150	1	KINGWOOD DRIVE		\$4,738
	40130640					1 POTENTIAL CORNER LOT, 3	
18	40130658	CITY	473.86	4	KINGWOOD DRIVE	INTERIOR LOTS	\$18,952
19	12804	TSCHIDA	241.88	1	KINGWOOD DRIVE	CAN'T MAKE 2 LOTS W/ 20,000 SQ FT	\$4,738
20	12858	HAHN	168.34	1	KINGWOOD DRIVE		\$4,738
21	12882	BOCK	140	1	KINGWOOD DRIVE		\$4,731
22	12896	VELDMAN	110	1	KINGWOOD DRIVE		\$4,73
23	12916	OLSON	130	1	KINGWOOD DRIVE		\$4,73
24	12936	MARTINSON	130	1	KINGWOOD DRIVE		\$4,73
25	12976	TOOLE	201.16	1	KINGWOOD DRIVE		\$4,73
26	13010	WALN	163	1	KINGWOOD DRIVE		\$4,73
27	13028	ROONEVIK	150	1	KINGWOOD DRIVE		\$4,73
28	13040	DOUCETE	150	1	KINGWOOD DRIVE		\$4,73
29	13062	PETERSON	220	1	KINGWOOD DRIVE		\$4,73
30	13098	VERRIPS	120	1	KINGWOOD DRIVE		\$4,73
31	13081	KINATE	129.18	1	KINGWOOD DRIVE		\$4,73
32	13109	TATGE	249.5	1	KINGWOOD DRIVE	CAN'T MAKE 2 LOTS W/ 20,000 SQ FT	\$4,73
33	40130733	KINATE	176.58	1	KINGWOOD DRIVE		\$4,73
34	40130733	KINATE	51.28	1	KINGWOOD DRIVE		\$4,73
35	13071	BREKKEN	191.72	1	KINGWOOD DRIVE		\$4,73
33	13071	DIVERKEN	131.72		KINGWOOD DIIVE		Ş4,73
85	6118	PICKAR	120.46	1	KNOLLWOOD COURT		\$4,73
86	6092	GUNDLACH	120.36	1	KNOLLWOOD COURT		\$4,73
87	6078	ROTH	135	1	KNOLLWOOD COURT		\$4,73
88	6048	WILLIAMSON	148.16	1	KNOLLWOOD COURT		\$4,73
89	6038	DAVIDSON	117.57	1	KNOLLWOOD COURT		\$4,73
90	6037	KELLERMAN	117.77	1	KNOLLWOOD COURT		\$4,73
91	40120772	CITY	156.29	1	KNOLLWOOD COURT		\$4,73
92	6083	SIECKERT	215.77	1	KNOLLWOOD COURT	CAN'T MAKE 2 LOTS W/ 20,000 SQ FT	\$4,73
93	6129	HIGDEM	200.61	1	KNOLLWOOD COURT	CORNER LOT	\$4,73
		,					
110		JOHNSON	156.58	1	FAIRFAX ROAD		\$4,73
111	6040	KARSNIA	100	1	FAIRFAX ROAD		\$4,73
112	6064	O' GRADY	100	1	FAIRFAX ROAD		\$4,73
113	6079	CAMPBELL	157.82	1	FAIRFAX ROAD		\$4,73
114	6065	DAVIS	100	1	FAIRFAX ROAD		\$4,73
115	6045	LARSON	100	1	FAIRFAX ROAD		\$4,73
116	6031	ANDERSON	100	1	FAIRFAX ROAD		\$4,73
	40120600	JOHNSON	101.03	1	FAIRFAX ROAD		\$4,73

118	6150	EBERHART	95.72	1	FAIRFAX COURT		\$4,738.09
119	6162	JONES	122.83	1	FAIRFAX COURT		\$4,738.09
120	6194	ECKMAN	209.13	1	FAIRFAX COURT	NOT ENOUGH SQ FTG FOR 2 LOTS	\$4,738.09
121	6216	REBOLLO BOYLES	173.23	1	FAIRFAX COURT	NOT ENOUGH FRONTAGE FOR 2 LOTS	\$4,738.09
122 123	6203 6185	FITZGERALD	200.99 131.26	1	FAIRFAX COURT FAIRFAX COURT	NOT ENOUGH PRONTAGE FOR 2 LOTS	\$4,738.09 \$4,738.09
123	6153	PRIBULA	218.15	1	FAIRFAX COURT		\$4,738.09
124	0133	PRIBULA	218.15	1	FAIRFAX COURT		\$4,738.09
125	14287	PELKEY	118.89	1	COTTAGE GROVE DRIVE		\$4,738.09
126	14272	SLONIKER	103.17	1	COTTAGE GROVE DRIVE		\$4,738.09
127	14269	NEISTADT	109.52	1	COTTAGE GROVE DRIVE		\$4,738.09
128	14264	BLUTH	112.37	1	COTTAGE GROVE DRIVE		\$4,738.09
129	14266	SCHNEIDER	111.17	1	COTTAGE GROVE DRIVE		\$4,738.09
130	14272	ANDERSON	106.97	1	COTTAGE GROVE DRIVE		\$4,738.09
131	14280	GEDICKE	100.57	1	COTTAGE GROVE DRIVE		\$4,738.09
132	14290	WEGENER	100	1	COTTAGE GROVE DRIVE		\$4,738.09
133	14302	KOVAL	100	1	COTTAGE GROVE DRIVE		\$4,738.09
134	14316	STARDIG	100	1	COTTAGE GROVE DRIVE		\$4,738.09
135	14322	KINGSLEY	220.04	1	COTTAGE GROVE DRIVE		\$4,738.09
136	14354	SCHMIDT	109.15	1	COTTAGE GROVE DRIVE		\$4,738.09
137	14368	BRUNS	106.27	1	COTTAGE GROVE DRIVE		\$4,738.09
138	14378	BECKMAMN	106.53	1	COTTAGE GROVE DRIVE		\$4,738.09
139	14392	EDELBROCK	110	1	COTTAGE GROVE DRIVE		\$4,738.09
140	14402	KNUTSON	110	1	COTTAGE GROVE DRIVE		\$4,738.09
141	14420	MILLER	110.1	1	COTTAGE GROVE DRIVE		\$4,738.09
142	14428	JOHNSON	100.39	1	COTTAGE GROVE DRIVE		\$4,738.09
143	14434	JENINGA	104.02	1	COTTAGE GROVE DRIVE		\$4,738.09
144	14444	TROUTEN	106.4	1	COTTAGE GROVE DRIVE		\$4,738.09
145	14454	ANDERSON	116.06	1	COTTAGE GROVE DRIVE		\$4,738.09
146	14466	STOLSKI	104.79	1	COTTAGE GROVE DRIVE		\$4,738.09
147	14472	NOWACKI	106.25	1	COTTAGE GROVE DRIVE		\$4,738.09
148	14478	KIRCHHOF	200	1	COTTAGE GROVE DRIVE		\$4,738.09
149	14483	BAXTER	200	1	COTTAGE GROVE DRIVE		\$4,738.09
150	14451	SHANNON	178.76	1	COTTAGE GROVE DRIVE		\$4,738.09
151	14445	GLEASON	109.83	1	COTTAGE GROVE DRIVE		\$4,738.09
152	14433	O' BRIEN	100	1	COTTAGE GROVE DRIVE		\$4,738.09
153 154	14423 14409	ANDERSEN BJERKETVEDT	100.24	1	COTTAGE GROVE DRIVE COTTAGE GROVE DRIVE		\$4,738.09
154	14409	KNOLL	100 188.47	1	COTTAGE GROVE DRIVE		\$4,738.09 \$4,738.09
156	14401	LARSON	188.47	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
130	143/3	LAKSON	43	1	COTTAGE GROVE DRIVE	TOWNHOWE IS 1 ERO	34,738.03
157	14373	BOOTS	45	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
158	14369	BJORGE	45	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
159	14363	ANDERSON	45	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
160	14357	BUNCH	45	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
161	14353	RICE	45	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
162	14347	BEUTZ	45	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
163	14341	ROBERTS	45	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
164	14335	BALLARD	37	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
165	14331	HOEN	37	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
166	14325	MCTERNAN	45	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
167	14321	MORGAN	45	1	COTTAGE GROVE DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
168	14481	WITT	122.88	1	NORTHWOODS DRIVE		\$4,738.09
169	14463	HALL	112.87	1	NORTHWOODS DRIVE		\$4,738.09
170	14435	WATSON	112.5	1	NORTHWOODS DRIVE		\$4,738.09
171	14425	SMITH	112.5	1	NORTHWOODS DRIVE		\$4,738.09
172	14399	O' SHEA	112.5	1	NORTHWOODS DRIVE		\$4,738.09
173	14353	ANDERSON	112.5	1	NORTHWOODS DRIVE		\$4,738.09
174	14353	ANDERSON	104.59	1	NORTHWOODS DRIVE		\$4,738.09
175	14337	LEMBCKE	102.66	1	NORTHWOODS DRIVE		\$4,738.09
176	14314	FELIX	37	1	NORTHWOODS DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
177	14318	GUNDERSON	37	1	NORTHWOODS DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
178	14330	PILON	37	1	NORTHWOODS DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
179	14334	SAATHOFF	37	1	NORTHWOODS DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
180	14358	ELSENPETER	45 45	1	NORTHWOODS DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
181 182	14364 14382	MAGNAN BRAY	45	1	NORTHWOODS DRIVE NORTHWOODS DRIVE	TOWNHOME IS 1 ERU TOWNHOME IS 1 ERU	\$4,738.09 \$4,738.09
183	14382	LEBLANC	45	1	NORTHWOODS DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
184	14386	SPURLOCK	45	1	NORTHWOODS DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
185	14404	SCHNEEBERGER	45	1	NORTHWOODS DRIVE	TOWNHOME IS 1 ERU	\$4,738.09
		MACDONALD	180.33	1	NORTHWOODS DRIVE	TOWNSTOWN IS T ENO	\$4,738.09
	144461						7-,730.05
186 187	14446 14482	FREECE	160.3	1	NORTHWOODS DRIVE		\$4,738.09

188 189							
400	5078	SCHAFFHAUSER	104.43	1	CAMDEN ROAD		\$4,738.09
	5100	NELSON	104.01	1	CAMDEN ROAD		\$4,738.09
190	5108	LASHER	108.01	1	CAMDEN ROAD		\$4,738.09
191	5132	SHATKA	100.01	1	CAMDEN ROAD		\$4,738.09
192	5152	WENNER	119.78	1	CAMDEN ROAD		\$4,738.09
193	5168	HEIDMANN	101.77	1	CAMDEN ROAD		\$4,738.09
194		GORAL	107.29	1	CAMDEN ROAD		\$4,738.09
195	5141	SANDS	45	1	CAMDEN ROAD		\$4,738.09
196	5131	SMITH	45	1	CAMDEN ROAD		\$4,738.09
197	5125	HEGLIE	45	1	CAMDEN ROAD		\$4,738.09
198	5113	JOSEPH	45	1	CAMDEN ROAD		\$4,738.09
199	5103	BLIZIL	45	1	CAMDEN ROAD		\$4,738.09
200	5099	MULENBURG	45	1	CAMDEN ROAD		\$4,738.09
201	5085	LAMSER	45	1	CAMDEN ROAD		\$4,738.09
202	5081	KINZEL	45	1	CAMDEN ROAD		\$4,738.09
206	40130724	CITY	309.43	3	PARKWOOD DRIVE		\$14,214.28
207	13047	DEBRA	349.39	3	PARKWOOD DRIVE	3 LOTS POSSIBLE: CORNER LOT W/ 120' WIDTH	\$14,214.28
						AND 2 INNER. ALL W/ 20,0000 SQ FT	
208	13019	MADSEN	114.52	1	PARKWOOD DRIVE		\$4,738.09
209	13013	RAMEY	93.13	1	PARKWOOD DRIVE		\$4,738.09
210	13001	BRECHT	89.28	1	PARKWOOD DRIVE		\$4,738.09
211	12981	DRYDAHL	132.14	1	PARKWOOD DRIVE		\$4,738.09
212	12931	ANDERSON	137.6	1	PARKWOOD DRIVE		\$4,738.09
- 212	12,531	ANDENSON	137.0	1	FAIRWOOD DRIVE		34,738.09
							,
214		FERGUSON	75.08	1	KENWOOD DRIVE		\$4,738.09
215	13493	BOHNE	116.9	1	KENWOOD DRIVE		\$4,738.09
216	13521	RADEMACHER	100	1	KENWOOD DRIVE		\$4,738.09
217	13533	HANSON	109.02	1	KENWOOD DRIVE		\$4,738.09
218	13563	PETERSON	119.02	1	KENWOOD DRIVE		\$4,738.09
219	13575	EICKHOF	90.01	1	KENWOOD DRIVE		\$4,738.09
	40120855	LONG LLC	209.03	1	KENWOOD DRIVE		\$4,738.09
221	13641	SCHRADER	100.01	1	KENWOOD DRIVE		\$4,738.09
	13655	THOMPSON	109.01	1	KENWOOD DRIVE		\$4,738.09
222		RICHARDS	194.03	1	KENWOOD DRIVE		\$4,738.09
222	13689						
	13589	STREIFEL	143.92	1	KENWOOD DRIVE		\$4,738.09
223 224	13753	STREIFEL					\$4,738.09 \$4,738.09
223 224 225	13753 13756	STREIFEL BLOWERS	132.02	1	KENWOOD DRIVE		\$4,738.09
223 224	13753 13756	STREIFEL					
223 224 225	13753 13756	STREIFEL BLOWERS	132.02	1	KENWOOD DRIVE		\$4,738.09
223 224 225 226	13753 13756 13712	STREIFEL BLOWERS LAHR	132.02 264.02	1 2	KENWOOD DRIVE	5 LOTS POSSIBLE WITH 100' WIDTH	\$4,738.09 \$9,476.19
223 224 225 226	13753 13756 13712 14051	STREIFEL BLOWERS LAHR PEARSON	132.02 264.02 634.09	1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE	5 LOTS POSSIBLE WITH 100' WIDTH & 20,000 SQ FT	\$4,738.09 \$9,476.19 \$23,690.47
223 224 225 226	13753 13756 13712	STREIFEL BLOWERS LAHR	132.02 264.02	1 2	KENWOOD DRIVE		\$4,738.09 \$9,476.19
223 224 225 226	13753 13756 13712 14051	STREIFEL BLOWERS LAHR PEARSON	132.02 264.02 634.09	5	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47
223 224 225 226 227 227 228 229	13753 13756 13712 14051 13987 13979	STREIFEL BLOWERS LAHR PEARSON EVERSON BRALAND	132.02 264.02 634.09 153.43 150.41	5 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230	13753 13756 13712 14051 13987 13979 13967	STREIFEL BLOWERS LAHR PEARSON EVERSON BRALAND HAAPAJOKI	132.02 264.02 634.09 153.43 150.41 119.4	5 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231	13753 13756 13712 14051 13987 13979 13967 13961	STREIFEL BLOWERS LAHR PEARSON EVERSON BRALAND HAAPAJOKI VRANISH	132.02 264.02 634.09 153.43 150.41 119.4 101.55	5 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232	13753 13756 13712 14051 13987 13979 13967 13961 13953	STREIFEL BLOWERS LAHR PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE	132.02 264.02 634.09 153.43 150.41 119.4 101.55	5 5 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 232	13753 13756 13712 14051 13987 13967 13961 13953 13947	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120	5 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234	13753 13756 13712 14051 13987 13967 13961 13953 13947 13931	STREIFEL BLOWERS LAHR PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120	5 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235	13753 13756 13712 14051 13987 13979 13967 13961 13953 13947 13931 13925	STREIFEL BLOWERS LAHR PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUTI	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120	5 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235 236 236	13753 13756 13712 14051 13987 13967 13961 13953 13947 13931 13925 13917	STREIFEL BLOWERS LAHR PEARSON EVERSON BRALAND HAPADIOK VRANISH EDGE JONES STOUT NOVITZKI CLARK	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 100 86.31	5 5 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235	13753 13756 13712 14051 13987 13979 13967 13961 13953 13947 13931 13925	STREIFEL BLOWERS LAHR PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUTI	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120	5 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 237 238 239 239 230 231 232 232 233 234 235 236 237 237 238 238 238 238 238 238 238 238 238 238	13753 13756 13712 14051 13987 13967 13967 13963 13947 13931 13925 13917 13917	STREIFEL BLOWERS LAHR PEARSON EVERSON BRALAND HAAPAJOK! VRANISH EDGE JONES STOUT NOVITZK! GUNDERSON	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 100 86.31 81.55	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 237 238	13753 13756 13712 14051 13987 13967 13961 13953 13947 13931 13925 13917 13911	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKS VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS	132.02 264.02 153.43 150.41 119.4 101.55 100 120 120 100 86.31 81.55	5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 231 232 233 234 235 236 237 238 239 239 239 239 239 239 239 239 239 239	13753 13756 13756 13712 14051 13987 13967 13961 13953 13947 13931 13925 13917 13915 13917 13915 13911	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH	132.02 264.02 153.43 150.41 119.4 101.55 100 120 120 100 86.31 81.55 100.61	5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 240	13753 13756 13712 14051 13987 13967 13961 13953 13947 13931 13925 13915 13913 13915 13913 13905	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO	132.02 264.02 153.43 150.41 119.4 101.55 100 120 120 86.31 181.55 100.61	1 2 2 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240	13753 13756 13756 13712 14051 13987 13967 13967 13953 13947 13931 13925 13917 13915 13915 13915 13915 13915 13915 13915	STREIFEL BLOWERS LAHR  PEARSON  EVERSON  BRALAND  HAAPAJOKI VRANISH  EDGE JONES STOUT  NOVITZKI CLARK GUNDERSON  SEEVERS STRAUCH  MELLO NEIFERT	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 100 86.31 81.55 100.61 100 101.77	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241	13753 13756 137712 14051 13987 13961 13961 13963 13947 13931 13925 13915 13911 13905 13995 13995	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI, VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERT	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 100 86.31 131.55 100.61 100.01 101.77	1 2 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 240 241 242 242	13753 13756 13776 13776 13987 13987 13961 13961 13953 13947 13931 13915 13915 13915 13916 13986 13986 13986	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERT GIBSON BURKE	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 100 86.31 81.55 100.61 101.77 161 101.71 101	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 230 231 232 233 234 235 236 237 240 241 242 243	13753 13756 13712 14051 13987 13961 13957 13961 13953 13937 13915	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAPAPUK VRANISH EOGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRUCH MELLO NEIFERT GIBSON BURKE RNUEGE	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 100 86.31 10.61 10.177 16.177 16.177 17.52 137.11 138.87	5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 232 233 234 235 236 247 241 241 242 242 243	13753 13756 13712 14051 13987 13967 13961 13953 13947 13913 13925 13917 13915 13913 13986 13986 13982 13970 13956	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOK) VRANISH EDGE JONES STOUT NOVITZK CLARK GUNDERSON SEEVERS STRAUCH MELOO NEIFERT GIBSON BURKE KRUEGER RROMARKLE	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 100 86.31 81.55 100.61 100 101.77 161 137.52 137.11	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
223 224 225 226 227 228 230 231 232 233 234 235 236 237 240 241 242 243	13753 13756 13712 14051 13987 13961 13957 13961 13953 13937 13915	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAPAPUK VRANISH EOGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRUCH MELLO NEIFERT GIBSON BURKE RNUEGE	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 100 86.31 10.61 10.177 16.177 16.177 17.52 137.11 138.87	5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09 \$4,738.09
223 224 225 226 227 228 229 230 231 232 232 233 234 235 236 247 241 241 242 242 243	13753 13756 13712 14051 13987 13967 13961 13953 13947 13913 13925 13917 13915 13913 13986 13986 13982 13970 13956	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOK) VRANISH EDGE JONES STOUT NOVITZK CLARK GUNDERSON SEEVERS STRAUCH MELOO NEIFERT GIBSON BURKE KRUEGER RROMARKLE	132.02 264.02 634.09 153.43 150.41 119.4 101.55 1000 120 120 120 120 130.01 13.15 13	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 241 242 242 243 243 244 245	13753 13756 13712 14051 13987 13967 13967 13961 13953 13947 13951 13911 13905 13916 13916 13950 13982 13970 13950 13950 13950	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERT GIBSON BURKE KRUEGE BRODMARKLE BURKE KRUEGE KINEG	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 100 86.31 80.56 100.101.77 161 137.52 137.11 136.87 110 110 110	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
223 224 225 226 226 229 230 231 323 233 234 235 239 240 241 242 243 244 245 246	13753 13756 13712 13979 13967 13967 13961 13953 13925 13915 13915 13915 13915 13915 13915 13956 13982 13986	STREIFEL BLOWESS LAHR  PEARSON EVERSON BRALAND HAPAPJOK VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERS GIBSON BURNE KRUEGER BRODMARKIE	132.02 264.02 264.02 634.09 153.43 150.41 119.4 101.55 100.61 100 120 100 101.77 161 137.52 137.11 136.87 110 1110 110 285.29	1 2 2 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
223 224 225 226 227 229 230 231 232 232 235 236 237 240 241 242 242 243 244 245 246 247 248	13753 13756 13712 13967 13967 13967 13967 13961 13953 13947 13951 13915 13915 13915 13916 13950 13950 13950 13950 13950 13950	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELO NEIFERT GIBSON BURKE KRUEGE BRODMARKLE BURKE KRUEGE KRUEGE KRUEGE BRODMARKLE BURKE KRUEGE BRODMARKLE BRO	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 120 120 120 120 120 130.5 130.51 130.57	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 241 242 242 242 243 244 244 245 246 246 247 248 249 249 249 249 249 249 249 249 249 249	13753 13756 13712 13957 13967 13967 13967 13961 13953 13953 13915 13915 13915 13915 13986 13986 13986 13986 13980 13990 13900	STREIFEL BLOWERS LAHR  PEARSON  EVERSON BRALAND HAAPAJOKI VEANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERT GIBSON BURKE KNUEGE KNUEGE BURKE KING BURKE BURK	132.02 264.02 264.02 634.09 153.43 150.41 119.4 101.55 100.61 120 120 100.00 86.31 81.55 100.61 101.77 161 137.52 137.11 136.87 110 110 285.29 292.43 129.85	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$9,476.19 \$23,690.47 \$4,738.09
223 224 225 226 227 228 229 230 231 232 233 234 235 236 241 242 243 244 245 246 247 248 248 249 250 250	13753 13756 13716 13751 14051 13987 13967 13961 13953 13947 13931 13925 13917 13915 13917 13950 13986 13986 13986 13980 13950	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKK VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERT GIBSON BURKE KRUEGE BRODMARKE KRUEGE BRODMARKE KRUEGE BABIC LARK KRUEGE BRODMARKE KRUEGE KRUE	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 100 160 161 10.61 10.77 161 137.52 137.11 138.87 110 110 120 120 120 120 120 120 120 120	1 2 2 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$3,476.19 \$23,690.47 \$4,738.09
223 224 225 226 227 228 230 231 232 233 234 235 236 240 241 242 242 244 245 246 247 248 249 250 250 250 250 250 260 260 260 260 260 260 260 260 260 26	13753 13756 13712 14051 13987 13967 13967 13963 13953 13947 13915 13917 13915 13917 13915 13916 13956 13950	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOK VRANISH EDGE JONES STOUT NOVITZKI CLARK GINDERSON SEEVERS STRAUCH MELIO NEIFERT GIBSON BURKE KRUEGER RRODMARKLE BURKE KINEG BABIC BABIC BABIC BABIC BUFFETT OLSON CHANDLER RICHARD REFERT RE	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 100 101.77 161 137.52 137.11 136.87 110 110 1285.29 292.43 129.85 118.77 107.98	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
223222 22442 22552 2266 2299 2312 2332 2332 2332 2400 2412 242 242 2442 2442 2442 2452 2462 2472 2472 2472 2472 2472 2472 247	13753 13756 13716 13987 13987 13987 13961 13953 13947 13931 13925 13917 13915 13986 13986 13986 13986 13986 13980	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAPADIAN FORE EOGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRUCH MELLO NEIFERT GIBSON BURKE KRUEGE BRODMARKLE LANG BABIC BABIC BABIC BABIC CHANDLER CHANDLER RICHEY RICHEY RICHEY RICHEY LANGE	132.02 264.02 264.02 364.09 634.09 153.43 150.41 119.4 101.55 100.0 120 120 100.0 86.31 81.55 100.61 101.17 161 137.52 137.11 136.87 110 110 285.29 292.43 129.85 118.77 107.96 218.97 107.96 218.97	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$3,476.19 \$23,690.47 \$4,738.09
223 224 225 226 227 228 230 231 232 233 234 235 236 240 241 242 242 244 245 246 247 248 249 250 250 250 250 250 260 260 260 260 260 260 260 260 260 26	13753 13756 13716 13987 13987 13987 13961 13953 13947 13931 13925 13917 13915 13986 13986 13986 13986 13986 13980	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOK VRANISH EDGE JONES STOUT NOVITZKI CLARK GINDERSON SEEVERS STRAUCH MELIO NEIFERT GIBSON BURKE KRUEGER RRODMARKLE BURKE KINEG BABIC BABIC BABIC BABIC BUFFETT OLSON CHANDLER RICHARD REFERT RE	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 100 101.77 161 137.52 137.11 136.87 110 110 1285.29 292.43 129.85 118.77 107.98	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
2232 2252 226 227 228 239 239 241 242 242 242 242 242 242 242 242 242	13753 13756 13716 13987 13987 13987 13961 13953 13947 13931 13925 13917 13915 13986 13986 13986 13986 13986 13980	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAPADIAN FORE EOGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRUCH MELLO NEIFERT GIBSON BURKE KRUEGE BRODMARKLE LANG BABIC BABIC BABIC BABIC CHANDLER CHANDLER RICHEY RICHEY RICHEY RICHEY LANGE	132.02 264.02 264.02 364.09 634.09 153.43 150.41 119.4 101.55 100.0 120 120 100.0 86.31 81.55 100.61 101.01 101.7 161 137.52 137.11 136.87 110 1285.29 22.43 129.85 118.77 107.96 218.97 107.96 218.97	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$5,476.19 \$23,690.47 \$4,738.09
2232 2252 226 227 228 239 239 241 242 242 242 242 242 242 242 242 242	13753 13756 13712 14051 13987 13967 13967 13961 13953 13947 13915 13917 13915 13916 13926 13986 13986 13986 13980 13950	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERT GIBSON BURKE KNEGER BRODMARKIE BURKE KNEGER BRODMARKIE BURKE KNEGER KNEGER RICHEY LANGE	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100.0 102.0 120.0	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
2232 2252 2266 2279 2270 2270 2270 2270 2270 2270 2270	13753 13756 13715 14051 13987 13967 13961 13953 13947 13915 13915 13915 13915 13915 13950 13986 13986 13980 13950	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERT GIBSON BURKE KNUEGER BRODMARKLE BURKE KNUEGER BRODMARKLE BURKE KNUEGER RODMARKLE BURKE KNUEGER BRODMARKLE BURKE KNUEGER BURKE KNUEGER BRODMARKLE BURKE KNUEGER BURKE KNUEGER BRODMARKLE BURKE KNUEGER BRODMARKLE BURKE KNUEGER BRODMARKLE BURKE KNUEGER BURKE KNUEGER BRODMARKLE BURKE KNUEGER BURKE BURKE KNUEGER BURKE KNUEGER BURKE KNUEGER BURKE B	132.02 264.02 264.02 634.09 634.09 153.43 150.41 119.4 101.55 100.01 120 120 120 120 120 120 120 120 120 1	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
2232 2252 2266 2279 2270 2288 2333 2332 2342 2444 2424 2434 2444 245 245 255 255 255 255 255 255 2	13753 13756 13715 13756 13712 14051 13987 13967 13961 13953 13947 13951 13951 13951 13951 13950	STREIFEL BLOWESS LAHR  PEARSON EVERSON BRALAND HAPAPJOK VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRUCH MELLO NEIFERT GIBSON BURKE KNIEGER BRODMARKLE KING BURKE KING BURKE KING BURKE KING CHANDER KING CHANDER ROLEY AUGUSTINACK LANGE ERICKSON	132.02 264.02 264.02 634.09 634.09 153.43 150.41 119.4 101.55 100.61 120 120 120 120 120 120 120 120 120 12	1 2 2 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$4,738.09 \$5,4738.09 \$4,738.09
2232 224 2255 2266 2279 2288 2299 2290 23131 2323 2355 2366 2372 2488 2489 2490 2490 2505 2555 2555 2555 2555 2555 2555 25	13753 13756 13715 14051 13987 13987 13967 13961 13953 13947 13911 13905 13986 13986 13986 13980 13990 13990 13990 13990 13990 13893 13986 13982 13970 13950	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAJOKI, VRAMISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERT GIBSON BURKE KRUEGE BRODMARKI.E BURKE KRUEGE KRUEGE BRODMARKI.E BURKE KRUEGE KRUEGE BRODMARKI.E BURKE KRUEGE BRODMARKI.E BURKE KRUEGE KRUEGE BRODMARKI.E BURKE KRUEGE KRUEGE BRODMARKI.E BURKE KRUEGE KR	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 100 120 120 120 120 120 120 120 120	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
223 224 225 226 227 230 230 231 232 233 234 245 247 242 242 243 244 245 255 255 255 258	13753 13756 13712 14051 13987 13967 13967 13963 13953 13947 13915 13917 13915 13917 13915 13917 13915 13956 13986 13982 13970 13950	STREIFEL BLOWERS LAHR  PEARSON  EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT NOVITZK CLARK GUNDERSON NEIFERT GIBSON BURKE RRODMARKLE BURKE KRUEGER RRODMARKLE BURKE KINE GRADH LANG BABIC BABIC BUFFETTA OLSON CHANDER RICHEST LANGE CHANDER RICHEST AUGH AUGUSTINACK CHRIST EVANG BESCH AUGUSTINACK CHRIST EVANG BESCH AUGUSTINACK CHRIST EVANG BEAN ADRERSON	132.02 264.02   634.09   153.43   150.41   119.4   101.55   100.6   120   100   86.31   81.55   100.61   101.77   161   137.52   137.11   136.87   110   110   285.29   292.43   129.85   18.77   107.96   218.97   200   200   200   229.71   199.26	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
223 224 225 226 227 230 230 231 232 233 234 235 236 247 242 242 242 242 243 244 245 255 256 257 257 257 258 259 259 259 259 259 259 259 259 259 259	13753 13756 13712 14051 13987 13987 13967 13961 13953 13947 13931 13925 13917 13915 13915 13916 13925 13930 13930 13950	STREIFEL BLOWERS LAHR  PEARSON EVERSON BRALAND HAAPAUK VRANISH EDGE JONES STOUT NOVITZKI CLARK GUNDERSON SEEVERS STRAUCH MELLO NEIFERT GIBSON BURKE KRUEGE BRODMARKE KRUEGE BRODMARKE KRUEGE BABIC BUFFETTA OLSON CHANDLER RICHEY LANGE ERICKSC AUGUSTINACK CHRIST EVANG BEAN ANDERSON BEAN ANDERSON HANSEN	132.02 264.02 634.09 153.43 150.41 119.4 101.55 100 120 120 100 101.77 161 137.52 137.11 136.87 110 110 285.29 292.43 129.85 118.77 107.96 218.97 200 200 200 229.71 193.26	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09
223 224 225 226 227 230 230 231 232 233 234 245 247 242 242 243 244 245 255 255 255 258	13753 13756 13712 14051 13987 13987 13967 13961 13953 13947 13931 13925 13917 13915 13915 13916 13925 13930 13930 13950	STREIFEL BLOWERS LAHR  PEARSON  EVERSON BRALAND HAAPAJOKI VRANISH EDGE JONES STOUT NOVITZK CLARK GUNDERSON NEIFERT GIBSON BURKE RRODMARKLE BURKE KRUEGER RRODMARKLE BURKE KINE GRADH LANG BABIC BABIC BUFFETTA OLSON CHANDER RICHEST LANGE CHANDER RICHEST AUGH AUGUSTINACK CHRIST EVANG BESCH AUGUSTINACK CHRIST EVANG BESCH AUGUSTINACK CHRIST EVANG BEAN ADRERSON	132.02 264.02   634.09   153.43   150.41   119.4   101.55   100.6   120   100   86.31   81.55   100.61   101.77   161   137.52   137.11   136.87   110   110   285.29   292.43   129.85   18.77   107.96   218.97   200   200   200   229.71   199.26	1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENWOOD DRIVE KENWOOD DRIVE KENWOOD DRIVE CHERRYWOOD DRIVE		\$4,738.09 \$23,690.47 \$4,738.09

TOTAL EST. ERU: \$9

RESIDENTIAL MILL & OVERLAY ASSESMENT: \$976,047.43

COST PER ERU: \$4,738.09

 CITY EST. ERU
 8
 CITY EST. COST:
 \$37,904.75

 BENEFITTING PROPERTIES EST. ERU:
 198
 BENEFITTING PROPERTIES EST. COST:
 \$938,142.68

RESIDENTIAL FDR							
COUNT	#ID	NAME	FRONTAGE	ASSESSMENT	ROAD	COMMENTS	COST ESTIMATE
1	6021	NASH	100	1	INTERLACKEN ROAD		\$13,176.33
2	6040	HANSON	130	1	INTERLACKEN ROAD		\$13,176.33
3	6024	STANGE	130	1	INTERLACKEN ROAD		\$13,176.33
5	6140 6144	STEFFEN SCHMIDT	81.39 85.85	1	FAIRMONT COURT FAIRMONT COURT		\$13,176.33 \$13,176.33
6	6145	BRENNY	84.68	1	FAIRMONT COURT		\$13,176.33
7	6141	BERNANDER	82.99	1	FAIRMONT COURT		\$13,176.33
8	6117	MCKNIGHT	175.72	1	FAIRMONT COURT		\$13,176.33
9 10	6116 6138	DAVIS LYSCIO	120 100	1	EDMONTON ROAD EDMONTON ROAD		\$13,176.33 \$13,176.33
11	6156	SHIN	100	1	EDMONTON ROAD		\$13,176.33
12	6180	WELLS	100	1	EDMONTON ROAD		\$13,176.33
13	6190	EKLUND	100	1	EDMONTON ROAD		\$13,176.33
14	6210	NYBECK	100	1	EDMONTON ROAD		\$13,176.33
15 16	6232 6241	MORIARTY	131.82 131.82	1	EDMONTON ROAD EDMONTON ROAD		\$13,176.33 \$13,176.33
17	6215	MORD	100	1	EDMONTON ROAD		\$13,176.33
18	6195	BORSTROM	100	1	EDMONTON ROAD		\$13,176.33
19	6179	BERTOCH	100	1	EDMONTON ROAD		\$13,176.33
20	6155 6145	OLSON	100 220	1 2	EDMONTON ROAD		\$13,176.33 \$26,352,65
21	0145	INCDERINOTT	220		LUNION TON ROAD		\$20,352.05
22	13925	TESKE	231	1	KNOLLWOOD DRIVE		\$13,176.33
23	13895	TRAVICA	100	1	KNOLLWOOD DRIVE		\$13,176.33
24	13867	TOLLEFSON	100	1	KNOLLWOOD DRIVE		\$13,176.33
25 26	13855 13831	HANSEN THRSON	100 100	1	KNOLLWOOD DRIVE KNOLLWOOD DRIVE		\$13,176.33 \$13,176.33
27	13807	PETERSON	128	1	KNOLLWOOD DRIVE		\$13,176.33
28	13789	SUER	115.31	1	KNOLLWOOD DRIVE		\$13,176.33
29	13773	COOPER	109.84	1	KNOLLWOOD DRIVE		\$13,176.33
30	13743	FOX	100	1	KNOLLWOOD DRIVE		\$13,176.33
31	13727	SCHILLING	100	1	KNOLLWOOD DRIVE		\$13,176.33
32	13709	MENGHINI	100	1	KNOLLWOOD DRIVE		\$13,176.33
33 34	13695 13812	WILLIAMS	234.41 137.02	1	KNOLLWOOD DRIVE KNOLLWOOD DRIVE		\$13,176.33 \$13,176.33
35	13784	ERICKSON	100.2	1	KNOLLWOOD DRIVE		\$13,176.33
36	13768	FREDSTROM	127.88	1	KNOLLWOOD DRIVE		\$13,176.33
37	13714	LOSCHKO	103	1	KNOLLWOOD DRIVE		\$13,176.33
38	13684 40120907	MALCHOW LORD OF LIFE	219.99 682.02	1 6	KNOLLWOOD DRIVE	AREA FOR 1 LOT	\$13,176.33 \$79.057.96
40	40120906 40120904	DORAN	210.11	1	KNOLLWOOD DRIVE		\$13,176.33
41	40120579	KNOLLWOOD NORTH ADDT HOMEOWNERS	289.8	3	KNOLLWOOD DRIVE	SPLIT ASSESSMENTS BETWEEN 15 UNITS	\$39,528.98
42	40120595	ANDRES	107	1	KNOLLWOOD DRIVE		\$13,176.33
43	6006	SHEPARD	118.74	1	DONALD STREET		\$13,176.33
44	6034	TONN	100	1	DONALD STREET		\$13,176.33
45 46	6042 6086	ROEHRICH	100 100	1	DONALD STREET  DONALD STREET		\$13,176.33 \$13,176.33
46	6078	HUNTER	133	1	DONALD STREET		\$13,176.33
48	6112	UNDERWOOD	133	1	DONALD STREET		\$13,176.33
49	6130	BLONG	100	1	DONALD STREET		\$13,176.33
50	6158	NESHEIM	100	1	DONALD STREET		\$13,176.33
51	6176	WARDRIP	203.6	2	DONALD STREET	AREA FOR 2 LOTS	\$26,352.65
52 53	6202 6205	ZABOROWSKI	141.77 141.62	1	DONALD STREET  DONALD STREET		\$13,176.33 \$13,176.33
54	6185	STOEN	103.59	1	DONALD STREET		\$13,176.33
55	6169	SMITH	100	1	DONALD STREET		\$13,176.33
56	6147	BORDWELL	100	1	DONALD STREET		\$13,176.33
57 58	6141 6119	STATURE NELSON	100 100	1	DONALD STREET DONALD STREET		\$13,176.33 \$13,176.33
59	6091	EYESTONE	100	1	DONALD STREET		\$13,176.33
60	6051	JACKLITCH	100	1	DONALD STREET		\$13,176.33
61	6023	BECKER	100	1	DONALD STREET		\$13,176.33
62	6015	CONKLIN	119.87	1	DONALD STREET		\$13,176.33
63	40070548	JONES	356.73	1	GLORY ROAD		\$13,176.33
64	6930	NELSON	185.08	1	GLORY ROAD		\$13,176.33
65	6940	HODGE	159.96	1	GLORY ROAD		\$13,176.33
66	6974 40040795	WOODRIDGE	157.34	4	GLORY ROAD	4 TOWNHOMES	\$52,705.30
67	40070800	JONES	251.07	2	GLORY ROAD	AREA FOR 2 LOTS	\$26,352.65
68	6903	CROUSE	611.29	3	GLORY ROAD	AREA FOR 3 LOTS	\$39,528.98

\$1,093,635.05 TOTAL EST. FRONTAGE:

RESIDENTIAL FDR ASSESMENT: \$1,093,635.05

COST PER ERU: \$13,176.33

CITY EST. ERU: BENEFITTING PROPERTIES EST. ERU: 0 CITY EST. COST: \$0.00 83 BENEFITTING PROPERTIES EST. COST: \$1,093,635.05

	COMMERCIAL FDR								
COUNT	# ID	NAME	FRONTAGE	ROAD	ASSESSABLE COST				
1	13508	NGUYEN	198	ELMWOOD DRIVE	\$48,283.84				
2	13472	CPTPNGUIN	203	ELMWOOD DRIVE	\$49,503.12				
3	13442	IWI	132	ELMWOOD DRIVE	\$32,189.22				
4	13432	GOERS	160	ELMWOOD DRIVE	\$39,017.24				
5	13499	BAXTER PS 2016 LLC	638	ELMWOOD DRIVE	\$155,581.25				
	<u>'</u>								
6	40070529	соятсо	673	FORTHUN ROAD EAST	\$164,116.27				
7	40070529	BAXTER PS 2016 LLC	599	FORTHUN ROAD EAST	\$146,070.80				
8	7119	PINNACLE	100	FORTHUN ROAD WEST	\$24,385.78				
9	7111	BGT	100	FORTHUN ROAD WEST	\$24,385.78				
10	7073	SAZAMA	135	FORTHUN ROAD WEST	\$32,920.80				
11	40070661	HOME DEPOT	313	FORTHUN ROAD WEST	\$76,327.48				
12	15133	COCIINA	170	EDGEWOOD DRIVE	\$41,455.82				
13	15159	COCINA	268	EDGEWOOD DRIVE	\$65,353.88				
14	15213	TNT	340	EDGEWOOD DRIVE	\$82,911.64				
15	15229	L2K	116	EDGEWOOD DRIVE	\$28,287.50				
16	15241	JOHNSON	509	EDGEWOOD DRIVE	\$124,123.60				
17	15323	LONG	366	EDGEWOOD DRIVE	\$89,251.94				
18	15491	CITY	545	EDGEWOOD DRIVE	\$132,902.48				
19	7180	CORNER LOT	172	EDGEWOOD DRIVE	\$41,943.53				
		CITY ROADWAY		NOVOTNY ROAD					
		CITT ROADWAT	ľ	NOVOTNY ROAD					
20	15354	BRAK	185	WHISPERING WOODS LANE	\$45,113.68				
21	40320531	ROBERT	200	WHISPERING WOODS LANE	\$48,771.55				
22	15240	APPLEBEES	236	WHISPERING WOODS LANE	\$57,550.43				
23	15236	MENARD	156	WHISPERING WOODS LANE	\$38,041.81				
24	15240	APPLEBEES	245	DELLWOOD DRIVE	\$59,745.15				
25	15222	BAXTOWN	345	DELLWOOD DRIVE	\$84,130.93				
26	15098	MENARD	191	DELLWOOD DRIVE	\$46,576.83				
27	15094	BRADFORD	150	DELLWOOD DRIVE	\$36,578.66				
28	15236	MENARD	41	DELLWOOD DRIVE	\$9,998.17				
29	15244	ENDEAVOR	80	DELLWOOD DRIVE	\$19,508.62				
					\$1,845,027.78				

TOTAL EST. FRONTAGE: 7566

COMMERCIAL FDR ASSESMENT: \$1,845,027.78

COST PER FOOT OF FRONTAGE: \$243.86

> CITY EST. FRONTAGE: 545 CITY EST. COST: \$132,902.48

BENEFITTING PROPERTIES EST. FRONTAGE: 7021 BENEFITTING PROPERTIES EST. COST: \$1,712,125.30

# **Appendix D**

**Project Schedule** 

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### PROPOSED PROJECT SCHEDULE 2024 Mill & Over and Full Depth Reclamation Improvements Project, CPF 4424 BAXTER, MN

Wednesday, August 23, 2023

MAJOR TASKS AND MILESTONES	DATES	REMARKS	NOTES
Resolution Ordering Preparation of Feasibility Report	Tuesday, March 7, 2023	City Council Meeting	
Staff review	July, 2023		
Preliminary Project Review	Wednesday, August 2, 2023	Utilities Commission Meeting	
Project Option Review	Tuesday, August 15, 2023	City Council Workshop	
Public Information Meeting	Thursday, August 24, 2023		
Recommendation to Approve Feasibility Report	Wednesday, September 6, 2023	Utilities Commission Meeting	
Review Feasibility Report at Council Workshop	Tuesday, September 19, 2023	City Council Workshop	
Resolution Receiving Feasibility Report and Calling Improvement Hearing	Tuesday, September 19, 2023	City Council Meeting	
Mailed Notice for Improvement Hearing	Friday, September 22, 2023	One notice at least 10 days prior to hearing	
First Published Notice for Improvement Hearing	Sunday, September 24, 2023	Twice in local newspaper, one week apart, last notice must be at least three days prior to hearing.	3
Second Published Notice for Improvement Hearing	Sunday, October 1, 2023		
Improvement Hearing	Thursday, October 5, 2023		
Resolution Ordering Improvement and Prepartion of Plans	Tuesday, October 17, 2023	City Council Meeting	
Award of Consultant Contract	Tuesday, October 17, 2023	City Council Meeting	
Design and Preparation of Plans and Specifications	October& November, 2023		
Review Plans and Specifications	Wednesday, January 3, 2024	Utilities Commission Meeting	
Resolution Approving Plans and Specifications and Ordering Advertisement for Bids	Monday, January 16, 2023	City Council Meeting	
Bidding Publication	Tuesday, January 23, 2024	Publication must be made at least three weeks before last day to submit bids, at least once in official newspaper and once in trade paper or First Class city newspaper.	3,4
Bid Opening	Thursday, February 15, 2024	By default bid remains subject to acceptance for 60 days after the Bid opening.	
Resolution Ordering Assessment Hearing	Tuesday, March 5, 2024	City Council Meeting	
Mailed Notice for Assessment Hearing	Wednesday, March 6, 2024	One notice at least two weeks prior to hearing	
Published Notice for Assessment Hearing	Wednesday, March 6, 2024	Once in local newspaper at least two weeks prior to hearing.	3,4
Bid review with Utilities Commission	Wednesday, March 6, 2024	Utilities Commission Meeting	
Assessment Hearing	Thursday, March 21, 2024		
Resolution Adopting Assessment Rolls	Tuesday, April 2, 2024	City Council Meeting	
Notice of Award	Wednesday, April 17, 2024	City Council Meeting. Contractor has 15 days to deliver signed agreement, bonds, and insurance certificates.	
End of Assessment Appeal Period	Thursday, May 2, 2024	Appeals to district court must be made within 30 days after adoption of the assessment roll.	
Pre-Construction Meeting	Spring 2024		
Public Information Meeting - Construction	Spring 2024		
Begin Construction	Spring 2024		
	· •	3 Months of Full Time Construction	
Construction Complete	Summer/Fall 2024	1	

### NOTES

- 1. City Council Meetings held on 1st and 3rd Tuesdays of each month @ 7:00 p.m.
- 2. Utilities Commission Meetings held on 1st Wednesday after the 1st Council Meeting of the month @ 5:30 p.m.
- Brainerd Dispatch is currently only running legal notices on Wednesdays and Sundays. Deadline for Wednesday publication is noon on Monday and deadline for Sunday publication is noon on
- The Published Notices will need to be sent to the publisher prior to Council Approval in order to stay on schedule.
  All dates are subject to change, this is a living document. Dates may change based on coordination with other 2024 projects.

# Appendix E

**Reevaluated Roads** 

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## **REEVALUATED ROADS**

The following roadways were in the original proposal for this project. These roads will be reevaluated in the years noted below.

Proposed for Residential Mill & Overlay:

Timberlane Drive in its entirety. - Reevaluate in 2025

Park Street in its entirety. – Reevaluate in 2025

Woodland Drive in its entirety. - Reevaluate in 2025

Art Ward Drive in its entirety. – Reevaluate in 2026

Laverne Circle in its entirety. – Reevaluate in 2026

Cottage Grove Terrace in its entirety. - Reevaluate in 2026

Baxter Lions Road (430' west of Art Ward Drive to Art Ward Drive) - Reevaluate in 2026

Excelsior Road (Cherrywood Drive to Inglewood Drive) – Reevaluate in 2025

