



UTILITY COMMISSION AGENDA
Wednesday, October 5, 2016
5:30 p.m.

1. **Meeting Called to Order**
2. **Roll Call**
3. **Consent Agenda**
The following items are considered non-controversial by staff and are recommended to be read and passed in one motion. Any commission member, staff, citizen or meeting attendee can request one or more items be pulled from the consent agenda and the item will be pulled and addressed immediately after the passage of the consent agenda. Otherwise, the following will be passed in one motion:
 - A) Approval of Meeting Minutes from September 7, 2016 (pp. 4 - 18).

Agenda

4. Draft Striping Policy (pp. 19 – 20).
5. Dakar Road Official Mapping (Enclosed in packet)
6. Dakota Supply Group Fixed Network Water Meter Replacement Project Change Order No. 1 (pp. 21 – 24).
**Staff recommends the Utilities Commission make a motion to City Council to approve the Dakota Supply Group Change Order No. 1 in the increased amount of \$36,129.50 and a time extension request for the final completion date of December 31, 2016 for the 2016 Fixed Network Water Meter Replacement Project.*
7. Dakota Supply Group Fixed Network Water Meter Replacement Project Partial Pay Estimate No. 2 (pp. 25 – 27).
**Staff recommends the Utilities Commission make a motion to City Council to approve the Dakota Supply Group Partial Pay Estimate No. 2 in the amount of \$93,269.56 for the 2016 Fixed Network Water Meter Replacement Project.*
8. 2016 City of Baxter Chip Sealing Project (pp. 28 – 49).
**Policy Considerations:*
 - *Have questions regarding sealcoats performed over the past three years?*
 - *Have questions over the PASER ratings?*

- *Have adequate information to evaluate the program (PMP)? If not, what other information is desired?*
 - *Feel the PMP program is providing the results expected? In not, why not?*
 - *Feel sealcoat, rehabilitation, and reconstruction projects identified in the PMP continue to be pursued?*
 - *Approve the street segments proposed for 2017 sealcoating? If not, why not?*
 - *Feel it may be beneficial to contract for sealcoat project independent of Crow Wing County such as rehabilitation and reconstruction projects currently done?*
9. 2016 Golf Course Drive Improvements Project Update (pp. 50 – 51).
**Information only.*
 10. 2016 Golf Course Drive Improvements Project Change Order No. 2 (pp. 52 – 53).
**Staff recommends the Utilities Commission make a motion to City Council to approve the Anderson Brothers Change Order No. 2 in the increased amount of \$5,281.00 for the 2016 Golf Course Drive Improvements Project.*
 11. 2016 Golf Course Drive Improvements Project Partial Pay Estimate No. 2 (pp.54 – 56).
**Staff recommends the Utilities Commission make a motion to City Council to approve the Anderson Brothers Partial Pay Estimate No. 2 in the amount of \$410,194.36 for the 2016 Golf Course Drive Improvements Project.*
 12. 2015 Mill & Overlay Improvements Project Update (pg. 57).
**Information only.*
 13. 2015 Mill and Overlay Improvements Project Final Pay Estimate No. 6 (pp. 58 – 60).
**Staff recommends the Utilities Commission make a motion to City Council to approve the Anderson Brothers Final Pay Estimate No. 6 in the amount of \$33,463.68 for the 2015 Mill and Overlay Improvements Project.*
 14. 2016 Fairview Road Improvements Project Update (pg. 61).
**Information only.*
 15. 2016 Fairview Road Improvements Project Partial Pay Estimate No. 4 (pp. 62 – 65).
**Staff recommends the Utilities Commission make a motion to City Council to approve the Anderson Brothers Partial Pay Estimate No. 4 in the amount of \$93,513.37 for the 2016 Fairview Road Improvements Project.*
 16. 2018 Cypress Drive Improvements Project Update (pg. 66).
**Information only.*

17. 2016 Mill and Overlay, Full Depth Reclamation and Right Turn Lane Construction Project Update (pg. 67).
**Information only.*
18. 2016 Mill and Overlay, Full Depth Reclamation and Right Turn Lane Construction Project Partial Pay Estimate No. 3 (pp. 68 – 73).
**Staff recommends the Utilities Commission make a motion to City Council to approve the Tri-City Paving Partial Pay Estimate No. 3 in the amount of \$61,757.17 for the 2016 Mill and Overlay, Full Depth Reclamation and Right Turn Lane Construction Project.*
19. WSN Agreement for Professional Engineering Services – Fee Amendment Request for the 2016 Mill and Overlay, Full Depth Reclamation and Right Turn Lane Construction Project (pp. 74 – 77).
**Staff recommends the Utilities Commission make a motion to City Council to approve the WSN Agreement for Professional Engineering Services – Fee Amendment Request for the 2016 Mill and Overlay, Full Depth Reclamation and Right Turn Lane Construction Project in the increased amount of \$7,905.80 for a total not to exceed contract of \$172,314.80.*
20. 2015 Dellwood Drive and Novotny Road, Inglewood Drive and Independence Road Improvements Project Monthly Update (pg. 78).
**Information only.*
21. WSN Proposal for Engineering Services for the Forestview Area Stormwater Outlet Study (pp. 79 – 90).
**Staff recommends the Utilities Commission make a motion to City Council to approve the WSN Proposal for Engineering Services for the Forestview Area Stormwater Outlet Study in the lump sum fee of \$5,750.00.*
22. WSN Proposal for Engineering Services for the SWPPP Compliance Review (pp. 91 – 97).
**Staff recommends the Utilities Commission make a motion to City Council to approve the WSN Proposal for Engineering Services for the SWPPP Compliance Review in the lump sum amount of \$9,320.00.*
23. MnDOT Isle Drive Turnback for the 2015 Isle Drive Improvements Project (pp. 98 – 99).
**Information only.*
24. Wastewater Treatment Plant Charges for August (pp. 100 – 105).
**Information only.*
25. Adjourn.

UTILITIES COMMISSION
September 7, 2016

The regular meeting of the Baxter Utilities Commission was called to order at 5:30 p.m. by Chairman Rock Yliniemi.

MEMBERS PRESENT: Commissioners Jack Christofferson, Dave Franzen, Doug Wolf, Chairman Rock Yliniemi and Council Liaison Mark Cross.

MEMBERS ABSENT: Commissioner Shawn Crochet.

STAFF PRESENT: Public Works Director/City Engineer Trevor Walter and Administrative Assistant Mary Haugen.

OTHERS PRESENT: Mills Representative Attorney Gary Eidson, WSN Consulting Engineer Aric Welch, WSN Surveyor Chad Connor, SEH Consulting Engineer Scott Hedlund, WSB Consulting Engineer Chuck Rickart and Bolton & Menk Consulting Engineer Mike Rardin.

APPROVAL OF MINUTES

MOTION by Commissioner Wolf, seconded by Commissioner Christofferson to approve the Utilities Commission minutes of August 3, 2016. Motion carried unanimously.

MILLS FLEET FARM PLAT

Public Works Director/City Engineer Walter reviewed the Mills Fleet Farm Plat. The plat is before the commission for discussion due to the sale of Mills Fleet Farm stores to KKR. There are no changes to the existing layout of the water, sanitary sewer, storm sewer, parking lot or street access.

The commission held an extensive discussion on future right-of-way requirements and needs on Excelsior Road, Golf Course Drive, Dellwood Drive and Design Drive. Several commissioners expressed concern over causing an additional non-conformity in the future by requiring additional right-of-way on Excelsior Road, which would impact the parking to the south side of the existing parking area along Excelsior Road and cause issue with the parking in front of the south services bays of the garage.

Public Works Director/City Engineer Walter reminded the commission that City Subdivision Ordinance 11-4-2 states that in the sole discretion of the city, a reduction in right-of-way may be granted if the proposed development abuts existing development with less right-of-way or if it is a replat of a previously platted development. This is sometimes the only chance the City has to get additional right-of-way and the City may never need to use the dedicated right-of-way but it is there if needed in the future. The existing development on the south side of Excelsior Road has already been plated with 40 feet of right of way.

The commission felt that because of previous plats and existing development on Design Drive and Dellwood Drive and the fact that the right-of-way is already 66 feet that no additional right-of-way was needed on Design Drive or Dellwood Drive.

The commission felt that additional right-of-way may be needed on Golf Course Drive for possible future multi-modal trails and/or sidewalks, possible turn lane expansion of the curb and gutter and future area needed for additional private utilities.

The commission discussed the existing storm sewer piping that runs through the Mills Fleet Farm building would need to have an easement granted on the plat and should require a more detail maintenance agreement between Mills Properties, KKR and the City of Baxter for access, inspection and maintenance needs for the future.

Council Liaison Cross commented that if the Excelsior Road parking lot was up to code there would be a 10-foot setback to the parking lot. That row of parking has been non-conforming for quite some time. The whole parking lot and landscaping is non-conforming. Mr. Mills was the first one that stepped up and put in the required landscaping as per the first landscape ordinance the City had in place. Before the landscaping the site the bituminous parking lot went all the way to the street curbs on the two front sides.

Commissioner Christofferson stated it would be in the best interest of the City to take the 7-foot now on Excelsior Road and the City may never use it but it would remain being used by Mills Fleet Farm as it currently exists. The variance and limited use agreement allows the property owner to use it until the City has future needs.

WSN Surveyor Connor noted that the easements would be necessary on the fire hydrants and water main looping within the plated area. Public Works Director/City Engineer Walter stated a 20-foot utility easement would be needed.

SEH Engineer Hedlund noted that a narrower easement footage may be necessary on Golf Course Drive on the north end since private utility easements shouldn't be placed under existing structures. Public Works Director/City Engineer Walter stated that a 3-foot utility easement on a part of Golf Course Drive therefore the plat will need to call out all easements on each corridor and not just use the standard utility easement insert.

This will be a formal application at the October 7, 2016 utilities commission meeting.

**15532 DELLWOOD DRIVE & 15494 DELLWOOD DRIVE TURN LANE APPROACH
REVIEW REQUEST**

Public Works Director/City Engineer Walter reviewed the request from the business and residential homeowner regarding the bypass lane on Dellwood Drive. WSB Traffic Engineer Chuck Rickart was asked to review the situation and make any recommendations of any safety improvements if needed.

WSB Consulting Engineer Rickart reviewed the concern with the operation of the by-pass lane in conjunction with the two driveways located within the by-pass lane. Based on these concerns

he reviewed the current design and has developed the following conclusions and possible recommendations to improve safety:

- The current signing and stripping was designed and installed based on MnDOT State Aid standards.
- The two driveways were designed based on current City standards.
- Traffic turning right into the driveways is slowing down in the by-pass lane. This may be unexpected for a thru vehicle on Dellwood Drive by-passing a left turning vehicle at the Novotny Road intersection.
- A short term solution would be to convert the existing “By-Pass Lane” sign with a new “By-Pass & Turn Lane” sign. No other stripping changes would be necessary.

If the short term solution does not provide improved safety there are three other possible solutions that could be considered. These improvements would require physical changes to the roadway:

- Increase the radii at the driveways to provide a more efficient right turn into the sites.
- Develop a right turn lane for each site from the by-pass lane.
- Restripe and widen the northbound approach with a left turn lane and a thru/right turn lane.

Council Liaison Cross suggested installing the new sign and adding orange flags on the top of the sign post for a few months to draw attention to the new signage.

MOTION by Commissioner Wolf, seconded by Commissioner Crochet to recommend City Council direct staff to remove the existing Bypass Lane sign for northbound traffic located south of the intersection on Dellwood Drive and Novotny Road and replace with “Right Turn Lane & Bypass” sign with the addition of orange flagging over the top of the new signage. Motion carried unanimously.

DSG FIXED NETWORK WATER METER REPLACEMENT PROJECT PARTIAL PAY ESTIMATE NO. 1

Public Works Director/City Engineer Walter reviewed DSG Partial Pay Estimate No. 1 for the 2016 Fixed Network Water Meter Replacement Project with the commission. Public Works Director/City Engineer Walter had no concerns with Partial Pay Estimate No. 1 and recommends approval.

Commissioner Christofferson inquired how many meters have been installed at this time. Public Works Director/City Engineer Walter stated approximately half have been installed or 1,500

meters and 92 – 98% are communicating on a daily basis. There is currently an issue with one repeater and one collector that should be resolved by the end of next week.

MOTION by Commissioner Franzen, seconded by Commissioner Wolf to recommend City Council approve the DSG Partial Pay Estimate No. 1 in the amount of \$619,940.43 for the 2016 Fixed Network Water Meter Replacement Project. Motion carried unanimously.

2015 MILL AND OVERLAY PROJECT UPDATE

SEH Consulting Engineer Hedlund stated he is currently working on the remaining punch list items and the commission should have the final pay estimate at the October 7, 2016 Utilities Commission meeting.

2016 FAIRVIEW ROAD IMPROVEMENTS PROJECT UPDATE

SEH Consulting Engineer Hedlund reviewed the status of the various work tasks on the project.

Permits

- The necessary wetland permits have been secured.
- The necessary Mn/DOT right of way (ROW) permit has been secured.
- The necessary MPCA NPDES Construction Stormwater Permit will be secured by the contractor prior to start of construction.

Easements

- Easement agreements from all but 2 parcels have been secured to date.
 - The remaining 2 are temporary easements for driveway resloping.
 1. One of the two has given verbal approval.
- Beyond the easements above, 2 additional easements combined with maintenance agreements have been submitted to the school district for approval to cover the existing storm ponds on the west and southeast sides of Baxter Elementary School property.
 - The west pond is planned for improvement with the 2016 Mill & Overlay Project and the southeast pond is planned for improvement with this project.

Bidding

- Bids were opened on May 3, 2016.
 - Two bids were received.
 - Both bids were below the engineer's estimate.
 - Anderson Brothers Construction of Brainerd is the low bidder.
- City Council awarded the project to Anderson Brothers Construction on June 7, 2016.

Assessment Hearing

- The assessment hearing occurred on Thursday, June 2, 2016 and were adopted by the City Council on June 7, 2016.

Construction

- The preconstruction conference (for the Contractor, Private Utility Companies, City Staff, and SEH) was held June 9th at 9am at City Hall.
- The preconstruction neighborhood meeting was held on June 15th at 6pm at City Hall.

- Construction started June 13th.
- **With the exception of completing fencing at the gas station pond, a small amount of turf restoration, and some miscellaneous punch list items, the project construction is complete.**
- **The final walk through with the City, SEH, and Contractor is planned for September 8, 2016.**

Private Utility Work

- **With the exception of CTC reinstalling some vault location marker signs, the private utility work in the corridor is complete.**

The following is an update on the status of the project budget:

Total project budget:

- The total project budget based on the as-bid construction costs and figures presented at the Assessment Hearing is \$1.3M.
- **Total final costs are still being calculated and reviewed, but it appears it will be close to the \$1.3M.**

Consultant budget:

- **There is a fee amendment request planned for Utilities Commission and City Council approval in September to cover additional construction observation hours beyond the total assumed in the contract. The additional hours are attributed to private utility coordination and observation and the intensity of coverage needed for the City's contractor, both higher than anticipated.**

2016 FAIRVIEW ROAD IMPROVEMENTS PROJECT CHANGE ORDER NO. 1

SEH Consulting Engineer Hedlund reviewed Change Order No. 1 with the commission for the 2016 Fairview Road Improvements Project. SEH Consulting Engineer Hedlund had no concerns with Change Order No. 1 and recommends approval. The change order included the following item:

- Replace the specified riprap with tied concrete block mat (Flexamat) at the culvert ends under the T.H. 210 access drive by the gas station and the culvert discharge culvert at the pond behind the gas station, and add it at the culvert discharge end on the west side of Memorywood Drive between T.H. 210 and Fairview Road for long term erosion control and maintenance purposes.

MOTION by Commissioner Franzen, seconded by Commissioner Christofferson to recommend City Council approve the Anderson Brothers Change Order No.1 in the increased amount of \$9,799.20 for the 2016 Fairview Road Improvements Project. Motion carried unanimously.

2016 FAIRVIEW ROAD IMPROVEMENTS PROJECT PARTIAL PAY ESTIMATE NO.

3

SEH Consulting Engineer Hedlund reviewed Partial Pay Estimate No. 3 for the 2016 Fairview Road Improvements Project with the commission. SEH Consulting Engineer Hedlund had no concerns with Partial Pay Estimate No. 3 and recommends approval.

MOTION by Commissioner Wolf, seconded by Commissioner Franzen to recommend City Council approve the Anderson Brothers Partial Pay Estimate No. 3 in the amount of \$470,068.12 for the 2016 Fairview Road Improvements Project. Motion carried unanimously.

2016 FAIRVIEW ROAD IMPROVEMENTS PROJECT CONSTRUCTION SERVICES FEE INCREASE REQUEST

SEH Consulting Engineer Hedlund explained the estimated construction observation hours have overrun, primarily due to private utility relocation work and the intensity of coverage needed to cover longer contractor work hours, both being higher than anticipated.

Construction observation for private utilities started prior to and independently of the Anderson Brothers Construction start date. Construction observation of Anderson Brothers Construction contract work was estimated at 40 hours per week for 11 weeks, but the projected average weekly for the necessary coverage was 50 hours per week. SEH staff had been requested by the City to be on-site for these hours.

Public Works Director/City Engineer Walter stated it was a very complicated project and the removal of an existing abandoned asbestos covered steel gas pipe needed to have a full time inspector on site during this process because of compaction issues under the street and contamination of the class 5 base material. The change in the construction cost was not caused by the City of Baxter or the Project Engineer.

MOTION by Commissioner Franzen, seconded by Commissioner Christofferson to recommend City Council approve the SEH Construction Services Fee Increase Request in the not to exceed amount of \$20,272.00 for the 2016 Fairview Road Improvements Project. Motion carried unanimously.

2018 CYPRESS DRIVE IMPROVEMENTS PROJECT FROM COLLEGE ROAD TO EXCELSIOR ROAD MEMORANDUM

SEH Consulting Engineer Hedlund entered the following 2018 Cypress Drive Improvements Project from College Road to Excelsior Road memorandum into the record:

In order to keep the project on schedule for construction in 2018, design, environmental, and railroad agreement work needs to resume immediately on this project. The City has \$677,509 in secured Federal Funds programmed for 2018. If the project is not constructed in 2018, \$195,185 of the total will be lost and the other \$482,324 may be lost, per recent discussions with MNDOT. At the September 2016 Utilities Commission and City Council meetings, SEH will be requesting approval to proceed with this work. The attached preliminary project delivery schedule outlines the various work tasks necessary to deliver the project. The tasks are time sensitive, time specific, and have sequencing interdependencies.

Over the last couple of years, design has been put on hold while SEH and the City negotiated with BNSF, with assistance from the MNDOT Railroad office, to obtain consent to create a new highway/railroad at grade crossing at Cypress Drive. Letters in 2015 between the City and BNSF document consensus was reached. Then in December 2015 the City submitted an updated final application to the MNDOT Rail Office requesting a formal MNDOT Order for the new crossing. The expectation was the Order would get issued by early 2016.

Unfortunately, current MNDOT legal officials are unwilling to process the Order until there is an executed written agreement between the City and BNSF, such as a formal BNSF Construction and Maintenance Agreement (CMA). SEH prepared a draft City/BNSF agreement that City staff had an attorney review and finalize, and then sent to BNSF in April 2016 for their consideration and approval. Unfortunately, there has been no valuable movement on BNSF's part to process the City prepared agreement.

In the attached 8/30/16 email, BNSF advised they prefer to move into the process of executing a formal BNSF Construction and Maintenance Agreement (CMA). The CMA process requires detailed design and right of way information for the Cypress Drive corridor across BNSF property including construction requirements, cost splits, and environmental considerations.

Finalizing the preliminary design and completing Environmental Site Assessments are necessary to execute the CMA, as well as for completing Federal Funding environmental review so right of way acquisition can commence - hence the urgency to resume work immediately.

2018 CYPRESS DRIVE IMPROVEMENTS PROJECT FROM COLLEGE ROAD TO EXCELSIOR ROAD AGREEMENT FOR PROFESSIONAL SERVICES

SEH Consulting Engineer Hedlund reviewed the SEH Agreement for Professional Services for the 2018 Cypress Drive Improvements Project.

Public Works Director/City Engineer Walter reminded the commission of the RFP (Request for Proposals) Policy for professional contracts that exceeds \$15,000.00 dollars. The policy does allow for a deviation in RFP requirements if the City Council believes it is in the best interests of the City. The policy states as follows:

"This policy is intended to provide a guideline to the Council and staff. The Council retains the discretion to competitively bid professional services if it so chooses, and may deviate from the schedule and thresholds established within this policy for issuing RFPs when determined to be in the best interest of the City."

Public Works Director/City Engineer Walter would like to keep the continuity of the lead project consultant since Mr. Hedlund is very familiar with the project. The City has been very satisfied with the quality of work completed to date.

Commission felt that starting over with possibly another project consultant may not be in the best interests of the City. The Commission also agreed that with the long project history, which started back in 2004 and 2005, and with so many different contacts it would be difficult to switch engineering firms at this time and start over. The commission asked the Public Works

Director/City Engineer Walter if the City has been satisfied with the quality of work supplied by SEH to date on the project. Public Works Director/City Engineer Walter stated there has been no issues with SEH work to date on the project.

MOTION by Commissioner Wolf, seconded by Commissioner Christofferson to recommend City Council approve the SEH Agreement for Professional Services in the not to exceed amount of \$237,407.00 for the 2018 Cypress Drive Improvements Project from College Road to Excelsior Road. Motion carried unanimously.

2016 CITY OF BAXTER CHIP SEALING PROJECT UPDATE

Bolton & Menk Consulting Engineer Rardin reviewed the project update.

Work Progress – Fifth Update

Street and trail sealcoat work has been completed as follows:

Item	Start Date	Completion Date
Initial completion date provided for in the contract	7/5/16 (10 day window)	8/15/16
Startup meeting	8/8/16	8/8/16
Sealcoating	8/8/16	8/9/16
Sweeping	8/9/16	8/17/16
Fog seal	8/10/16	8/17/16
Interim pavement markings	na	na
Final completion date provided for in the contract		8/26/16
Permanent pavement markings	8/22/16	8/23/16
Final cleanup / punch list items	8/16/16	8/26/16

As can be seen above, the contractor completed the initial contract items (seal coat, fog seal, and interim pavement markings) within the 10 day window allowed for on August 17th two days after the contract completion date of August 15, 2016. In fairness to the contractor, the fog seal work could have been completed on Thursday, August 11th but for rain every work day from the 10th to the 17th.

Rain occurred daily beginning Wednesday, August 10th, thru Tuesday, August 16th limiting fog seal construction every day. On the 10th, intense rain caused road runoff to stain several concrete paved driveways. It does not appear the chip seals or fog seals were damaged by any of these rains.

An initial punch list was developed and provided to the contractor on August 19th. The contractor informed BMI on August 26th that all punch list items had been addressed. A final review of the completed work is currently underway.

A partial estimate for work completed thru Monday, August 15th, was processed by Crow Wing County on August 16, 2016. Final contract quantities and costs are currently being compiled and reviewed.

Project Schedule and Completion

The following schedule and completion requirements were incorporated into this project:

1. All seal coat, fog, and interim pavement marking work required under this Contract is to be completed no later than August 15, 2016 and within ten (10) working days from project initiation.
2. All construction operations are to be completed no later than August 26, 2016.

Engineering Costs

The City contracted with BMI for design services for this project in early March. Because the City was uncertain over Franchise Fee creation and street maintenance funding during late February and early March, construction services were not contracted for by the City. Design services were completed by BMI with the submittal of project plans and specifications to the County on March 7, 2016.

On April 12, 2016, a proposal for construction Observation Services was submitted to the City in the amount of \$11,000. The cost proposed is higher than what would normally be expected on this type of project. This is based on past experience associated with this Contractor.

Construction Observation Service costs accrued through August 26th has been calculated to be \$10,997.50.

Public Works Director/City Engineer Walter stated the City's 2017 chip sealing project is significantly larger and requested information from Bolton & Menk Consulting Engineer Rardin on the City bidding the chip sealing project directly next year to the October 7, 2016 Utilities Commission meeting. If the City bid directly the City would end up with the prime contractor and not a subcontractor through the County's prime contractor and thus not pay the prime contractor mark up on the project.

2016 GOLF COURSE DRIVE IMPROVEMENTS PROJECT UPDATE

Bolton & Menk Consulting Engineer Rardin reviewed the project update.

Work Progress – Fifth Update

Work started on the project on Monday, July 25th.

Construction work done the last week of July 25th consisted of installation of traffic controls, assessment of City utilities (gate valves, curb stops, etc.), installation and operation of a dewatering system, removal of pavement in the reconstruction area, topsoil stripping in the reconstruction area, implementation of erosion control activities (SWPPP), and location of various underground utilities with relocation planning.

During August the contractor installed the storm sewer in the reconstruction area (Universal Drive to Links Lane) - storm sewer installation is now complete other than for installation of castings for manholes and catch basins. Street grading at Universal Road going north was started the last week of August. Utility relocations are nearly complete in the reconstruction area.

Three unanticipated watermain conflicts were encountered and dealt with during the installation of the storm sewer. These changes have been incorporated into Change Order No. 1 to be presented to the Commission on September 7th. Contract changes have been summarized in the “Cost” section below.

Project Schedule

Based on the contractor’s proposed schedule (attached), construction is estimated to take just over ten weeks with a projected completion date of October 5th. Based on the contractor’s proposed schedule, the following is a brief summary of future construction activities:

- July** - traffic controls, removals, and dewatering in the reconstruction area
- August** - street (grading) and storm sewer construction in the reconstruction area
- September** - reclamation, curb and gutter replacement / construction, aggregate and bituminous base construction, and turf establishment in both the reconstruction and reclamation areas
- October** - bituminous wear course construction in both the reconstruction and reclamation areas

The contractor appears to be on or just slightly behind the schedule they proposed for this project. No schedule concerns are noted at this time.

Completion Dates

The contract calls for substantial completion by September 30th with final completion by October 14th. The contractor has requested an extension of the substantial completion date to October 7th to allow turf establishment construction to occur prior to wear course paving. This phasing and completion date request appears acceptable and has been incorporated into Change Order No. 1 to be presented to the Commission on September 7th.

Costs

Construction costs have increased approximately \$12,950 due to the following:

Item	Reason	Cost
Biorolls	Erosion Control @ Johnson Center	\$3,617.64
Rip Rap	Sediment Control @ dewatering outlet	\$381.15
Watermain Removal	Removal of existing disconnected watermain stub @ Universal Road intersection.	\$1,693.40
Watermain Lowering	Provide proper separation between storm sewer and watermain crossing that runs between Office Max and Target.	\$4,192.35
Watermain Lowering	Provide proper separation between storm sewer and watermain crossing that runs north of Target.	\$3,062.80

All of the above changes were either requested or found to be acceptable to City staff and the Project Engineer. These changes and costs have been incorporated into Change Order No. 1 which is to be presented separately to the Commission on September 7th.

A 5% contingency in the amount of \$54,505 has been allowed for in the overall project budget.

The City should be aware that the work associated with the possible sewer relocations has resulted in extra engineering work and costs. The City Council was appraised of the estimated costs for this extra work, the sewer inspection costs, and the sewer capacity analysis costs at their meeting on March 3rd. An amendment to the agreement based on those discussions will be provided for approval in the future.

Other engineering services for the project have been continuing as agreed to according to the existing “Not to Exceed” contract.

2016 GOLF COURSE DRIVE IMPROVEMENTS PROJECT CHANGE ORDER NO. 1

Bolton & Menk Consulting Engineer Rardin reviewed Change Order No. 1 for the 2016 Golf Course Drive Improvements Project with the commission. Bolton & Menk Consulting Engineer Rardin had no concerns with Change Order No. 1 and recommends approval. The change order included the following items:

- Change in contract time.
- Addition of erosion control items.
- Additional cost associated with addressing watermain conflicts.

MOTION by Commissioner Franzen, seconded by Commissioner Christofferson to recommend City Council approve the Anderson Brothers Change Order No. 1 in the increased amount of \$12,947.34 for the 2016 Golf Course Drive Improvements Project. Motion carried unanimously.

2016 GOLF COURSE DRIVE IMPROVEMENTS PROJECT PARTIAL PAY ESTIMATE NO. 1

Bolton & Menk Consulting Engineer Rardin reviewed Partial Pay Estimate No. 1 for the 2016 Golf Course Drive Improvements Project with the commission. Bolton & Menk Consulting Engineer Rardin had no concerns with Partial Pay Estimate No. 1 and recommends approval.

MOTION by Commissioner Wolf, seconded by Commissioner Franzen to recommend City Council approve the Anderson Brothers Partial Pay Estimate No. 1 in the amount of \$422,941.94 for the 2016 Golf Course Drive Improvements Project. Motion carried unanimously.

2016 MILL AND OVERLAY, FULL DEPTH RECLAMATION AND RIGHT TURN LANE CONSTRUCTION PROJECT UPDATE

WSN Consulting Engineer Welch reviewed the project update.

Summary of Work Completed Since Last Update

Week of Aug 1st: Installed storm sewer pipe and structures and poured curb on Maplewood Drive. Grading work on College Road.

- Week of Aug 8th: Milling, bituminous patching and ditch work in residential project areas.
- Week of Aug 15th: Bituminous patch work, ditching and paving in residential project areas.
- Week of Aug 22nd: Bituminous paving in residential project area. Concrete work on College Road.
- Week of Aug 29th: Bituminous patching and cleanup. Cemetery paving.

Project Schedule

Week of Sept 5th: Shouldering, turf restoration, pavement markings and signage. All work required to reach substantial completion is scheduled to be completed by Friday, September 9th.

Changes

See Project Update dated August 11, 2016 and Change Order No. 2. We have no concerns with Change Order No. 2 and recommend approval.

Pay Estimate

The project is approximately 92% complete. To total earned to date is \$741,585.09. Retainage is \$37,092.90 or 5% of the amount earned. Total due this pay estimate is \$528,112.29. We have no concerns with Pay Estimate No. 2 and recommend approval.

2016 MILL AND OVERLAY, FULL DEPTH RECLAMATION AND RIGHT TURN LANE CONSTRUCTION PROJECT CHANGE ORDER NO. 2

WSN Consulting Engineer Welch reviewed Change Order No. 2 for the 2016 Mill & Overlay, Full Depth Reclamation and Right Turn Lane Construction Project. WSN Consulting Engineer Welch had no concerns with Change Order No. 2 and recommends approval. The change order included the following item:

- Time extension request due to additional work.

MOTION by Commissioner Wolf, seconded by Commissioner Christofferson to recommend City Council approve the Tri-City Paving Change Order No. 2 for a time extension request for the 2016 Mill & Overlay, Full Depth Reclamation and Right Turn Lane Construction Project. Motion carried unanimously.

2016 MILL AND OVERLAY, FULL DEPTH RECLAMATION AND RIGHT TURN LANE CONSTRUCTION PROJECT PARTIAL PAY ESTIMATE NO. 2

WSN Consulting Engineer Welch reviewed Partial Pay Estimate No. 2 for the 2016 Mill & Overlay, Full Depth Reclamation and Right Turn Lane Construction Project with the commission. WSN Consulting Engineer Welch had no concerns with Partial Pay Estimate No. 2 and recommends approval.

MOTION by Commissioner Christofferson, seconded by Commissioner Wolf to recommend City Council approve the Tri-City Paving Partial Pay Estimate No. 2 in the amount of

\$528,112.29 for the 2016 Mill & Overlay, Full Depth Reclamation and Right Turn Lane Construction Project. Motion carried unanimously.

2015 DELLWOOD DRIVE AND NOVOTNY ROAD, INGLEWOOD DRIVE AND INDEPENDENCE ROAD IMPROVEMENTS PROJECT UPDATE

WSN Consulting Engineer Welch reviewed the project update.

Work Completed Since Last Update

No work was completed since the last update.

Project Schedule

Address warranty items as needed.

One roadway easement remains to be signed. All the necessary documents have been supplied to the property owner. We have tried numerous times over the summer to contact the property owner but we have received no response to our phone calls and emails.

The vacation hearing to complete the Positive Realty, Mau and Tanner property has scheduled for October 4, 2016.

Hilltop Trailer Sales easement is still being held up by the bank financing the property.

Changes

We have completed our review of the Contractor's change order request. Our review and recommendation along with the change order have been sent to the Contractor. The Contractor has not commented on our recommendation.

Potential Law Suit

We are not aware of any resolution to the potential law suit between the Contractor and sub-contractor regarding the directional drilled pipe between Novotny Road and Audubon Way.

2015 DELLWOOD DRIVE AND NOVOTNY ROAD, INGLEWOOD DRIVE AND INDEPENDENCE ROAD IMPROVEMENTS CHANGE ORDER NO. 4.

WSN Consulting Engineer Welch reviewed Change Order No. 4 for the 2015 Dellwood Drive and Novotny Road, Inglewood Drive and Independence Road Improvements Project.

Item No. 12 was a request for additional work done around utilities on Dellwood Drive. The contractor had additional time for digging around relocated facilities and old facilities that were not abandoned. WSN Consulting Engineer Welch had requested detailed records and pictures but none have been submitted at this time.

WSN has no records of the Contractor bringing this issue up during the installation of sanitary sewer, water or storm sewer pipe construction on Dellwood Drive or Novotny Road. The issue was also not discussed at the weekly construction meetings. The general condition 12.01.B

requires claims to be submitted within 30-days of the event resulting in the claim. There was no claim, written or verbal, delivered to the Owner or Engineer within the specified time frame.

WSN Consulting Engineer Welch informed the commission that he has not received a signed change order from the contractor. Public Works Director/City Engineer requested tabling this matter to allow the contractor time to respond and sign the change order.

MOTION by Commissioner Franzen, seconded by Commissioner Christofferson to table the R.L. Larson Excavating Change Order No. 4 for the 2015 Dellwood Drive and Novotny Road, Inglewood Drive and Independence Road Improvements Project until the October 17, 2016 Utilities Commission meeting. Motion carried unanimously.

2015 DELLWOOD DRIVE AND NOVOTNY ROAD, INGLEWOOD DRIVE AND INDEPENDENCE ROAD IMPROVEMENTS PARTIAL PAY ESTIMATE NO. 7

WSN Consulting Engineer Welch reviewed Partial Pay Estimate No. 7 for the 2015 Dellwood Drive and Novotny Road, Inglewood Drive and Independence Road Improvements Project with the commission.

Public Works Director/City Engineer Walter requested tabling this matter since there was no signed pay estimate or change order therefore the contractor is not in agreement with the amount of the pay estimate.

MOTION by Commissioner Christofferson, seconded by Commissioner Wolf to table the R.L. Larson Excavating Partial Pay Estimate No. 7 for the 2015 Dellwood Drive and Novotny Road, Inglewood Drive and Independence Road Improvements Project until the October 17, 2016 Utilities Commission meeting. Motion carried unanimously.

LIFT STATION NO. 8 RECONSTRUCTION PROJECT UPDATE

WSN Consulting Engineer Welch reviewed the project update.

Summary of Work Completed Since Last Update

The Contractor has completed all work items including site work, turf restoration and tree planting. A final walkthrough of the project was completed and a punch list was issued on Monday, August 8, 2016. The punch list was checked on Friday, August 26, 2016. Most of the punch list items had been addressed; however, a handful of items remained and a revised punch list was issued.

Changes

Change Order No. 1 has been prepared to address the changes on the project. Items included in the change order include additional site work, Engineer's time to review corrective work action on concrete structures and additional topsoil and turf establishment. See Change Order No. 1 for additional detail.

LIFT STATON NO. 8 RECONSTRUCTION PROJECT CHANGE ORDER NO. 1

WSN Consulting Engineer Welch reviewed Change Order No. 1 for the Lift Station No. 8 Reconstruction Project. WSN Consulting Engineer Welch had no concerns with Change Order No. 1 and recommends approval.

The change order included the following items:

- Change in contract price for additional site work including grading and bituminous driveway improvement.

MOTION by Commissioner Wolf, seconded by Commissioner Franzen to approve the DeChantal Excavating Change Order No. 1 for additional site work including graveling, grading and bituminous driveway in the increased amount of \$3,575.50 for the Lift Station No. 8 Reconstruction Project. Motion carried unanimously.

LIFT STATON NO. 8 RECONSTRUCTION PROJECT FINAL PAY ESTIMATE NO. 2

WSN Consulting Engineer Welch reviewed Final Pay Estimate No. 2 for the Lift Station No. 8 Reconstruction Project with the commission. WSN Consulting Engineer Welch had no concerns with Final Pay Estimate No. 2 and recommends approval.

MOTION by Commissioner Franzen, seconded by Commissioner Christofferson to recommend City Council approve the DeChantal Excavating Final Pay Estimate No. 2 in the amount of \$31,016.50 for the Lift Station No. 8 Reconstruction Project. Motion carried unanimously.

WASTEWATER TREATMENT PLAN CHARGES FOR JULY

The Brainerd Public Utilities Wastewater Plant Charges for July 2016 was submitted to the commission as information only.

OTHER BUSINESS

Public Works Director/City Engineer Walter inquired how many of the commissioners have the new meter system installed as he would like to spot check several already installed new meters in the system. Commissioner Christofferson has had the new meter installed and could be inspected by th eCity.

ADJOURNMENT

MOTION by Commissioner Franzen, seconded by Commissioner Christofferson to adjourn the meeting at 8:00 p.m. Motion carried unanimously.

Approved by:

Submitted by,

Rock Yliniemi
Chairman

Mary Haugen
Administrative Assistant



PAVEMENT STRIPING POLICY

PURPOSE

The purpose of the City of Baxter Striping Policy is to establish and maintain uniform practices concerning traffic maintenance operations on city roadways.

OBJECTIVES

The city will provide traffic operations maintenance in a safe and cost-effective manner balancing the needs of safety for road users and pedestrians with city personnel, budget, and social, economic and environmental concerns. It is in the city's best interest to have traffic operations and maintenance procedures. Because of variables in weather, traffic issues, changing driver demographics, road design, standards and other factors, these procedures must remain flexible. The city may use city employees or other entities under contract to provide this service.

PROCEDURES

Under the direction of the Public Works Director/City Engineer, the Streets Supervisor will make decisions concerning scheduling and the procedures to be followed for daily traffic operation, maintenance needs and associated periodic and yearly/bi-yearly detailed condition inspections. Scheduling and the procedures to be followed will be based upon consideration of the following factors: significance of the traffic device to driver safety, condition and effectiveness of the device, standards compliance and whether damage or condition creates an immediate safety hazard.

In every instance, the Public Works Director/City Engineer and/or Streets Supervisor must assess the conditions of the traffic control device and rely on judgment and experience to determine the correct action to correct problems with or maintain the device. Factors that may delay completion of traffic operation maintenance include other repair needs, utility locates, fabrication or procurement of necessary materials, weather conditions including severe cold, limited access, significant winds, limited visibility and other staff and field condition issues.

PAVEMENT STRIPING

Pavement Striping Survey:

At the beginning of each construction season, the Engineering Technician and Streets Supervisor shall review the conditions of city pavement striping city-wide.

1. All pavement striping needing refreshing will be identified and contract pavement painters will be secured and directed to refresh as needed as per city policies.
2. City roadways scheduled to be seal coated may be omitted from pavement striping if it meets general MMUTCD Safety Standards and Requirements.
3. In the event of limited funding, the city will assure that all pavement striping meets standard requirements for retro- reflectivity (and clarity) at a minimum.

Pavement Striping Paint

1. Latex paint shall be installed following overlays/new construction. Latex paint typically will last approximately 1-3 years before refreshing and approximately 7-years on all low volume residential streets.

New Commercial or Residential Development Street Striping

Any proposed new commercial or residential development will be reviewed for striping by the Utilities Commission at the time of application. All City required striping will be paid for by the developer.

Striping Guidelines

- Centerline stripes on all streets as per the State of Minnesota Manual on Uniform Traffic Control Devices (MUTCD), because city streets are narrow and curved.
- Crosswalks will be striped with 6" solid white lines only, no zebra stripes.
- No stop bars on any streets unless required per the MMUTCD Manual.
- No fog lines unless there is more than a 1' paved shoulder and/or turn lanes and bike lanes.
- No fog lines in next to concrete curb and gutter.
- Railroad Crossing striping as required by the MMUTCD Manual.

444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkda.com



September 28, 2016

Mr. Trevor Walter
Public Works Director/City Engineer
City of Baxter
13190 Memorywood Drive
PO Box 2626
Baxter, Minnesota 56425

Re: Fixed Network Water Meter Replacement Project
TKDA Project No. 16035.000

Dear Mr. Walter:

Please find enclosed Partial Payment Estimate and Certificate No. 2 in the amount of \$93,269.56 for the above referenced project. This is sent to you for City approval and payment to the Contractor. When payment is made, please have the Contractor sign three copies and return one copy to TKDA, one copy to the Contractor and keep one copy for the City records.

Also enclosed is Change Order No. 1 which will add \$36,129.50 to the contract. This change order establishes the new unit prices which will be invoiced as they are used based on the quantities. Please let me know if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Matthew R. Ellingson".

Matthew R. Ellingson, P.E.
Project Engineer

MRE
Enclosure

Cc: Todd DeBoer



444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkda.com

CHANGE ORDER

Saint Paul, MN September 27 20 16 Proj. No. 16035.000 Change Order No. 1

To Dakota Supply Group, 620 16th Ave South Hopkins, MN 55343

for Fixed Network Water Meter Replacement

for City of Baxter, Minnesota

You are hereby directed to make the following change to your contract dated March 16 20 16. The change and the work affected thereby is subject to all contract stipulations and covenants. This Change Order will (increase) the contract sum by Thirty Six Thousand One Hundred Twenty Nine Dollars and 50/100 (\$ 36,129.50).

This change order provides for changes in the work of this contract according to the attached itemization. The completion dates are also changed and the installations shall be completed by November 23, 2016 and final completion shall now be December 31, 2016.

NET CHANGE =

Amount of Original Contract		\$	<u>883,841.33</u>
Additions approved to date (Nos.)			<u> </u>
Deductions approved to date (Nos.)			<u> </u>
Contract amount to date		\$	<u>883,841.33</u>
Amount of this Change Order (Add)		\$	<u>36,129.50</u>
Revised Contract Amount		\$	<u>919,970.83</u>

Approved _____
Owner

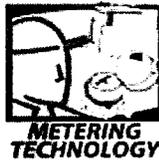
TKDA

By _____

By Matthew R. Ellingson
Matthew R. Ellingson, PE

Approved DSG
Contractor

By [Signature]



CHANGE ORDER #1

Dakota Supply Group (DSG)
 620 16th Ave South
 Hopkins, MN 55343
 Company: (952) 890-3811

Brad Simms
 Territory Manager
 bsimms@dsginc.biz
 Mobile: (952) 300-0352

DATE: September 23, 2016

TO:
 City of Baxter
 Attn: Todd DeBoer
 13190 Memorywood Drive
 Baxter, MN 56425

REFERENCE:
 Change Orders for City of Baxter
 Water Meter Change-out & AMI Project

QTY	DESCRIPTION	PRICE	TOTAL
Change Order on May 25, 2016 - Approved by Trevor Walters (DSG-C348181)			
- Mi.Net Node Wall Bracket to protect Mi.Net Node on Commercial Meters			
600	Mi.Net Node Wall Mount Bracket for Commercial Accounts	\$ 7.75	\$ 4,650.00
600	Installation of Mi.Net Node Wall Mount Bracket for Commercial Accounts	\$ 5.95	\$ 3,570.00
Change Order on May 25, 2016 - Approved by Trevor Walters (DSG-C308972)			
- Bid included 5ft wire from Meter to Mi.Net Node			
2291	Per Meter Adder for 25 ft Wire on Hersey 420B 5/8" x 3/4" Bronze Meters	\$ 5.00	\$ 11,455.00
Change Order on July 6, 2016 - Approved by Kevin Cassady (DSG-C281459)			
- Meter for City Stock			
6	1.5" Bronze Elliptical Flange Set	\$ 61.95	\$ 371.70
6	2" Bronze Elliptical Flange Set	\$ 73.95	\$ 443.70
12	1" Meter Couplings & Gaskets	\$ 13.95	\$ 167.40
15	Model 420 Chamber Assembly	\$ 56.00	\$ 840.00
15	Model 420 Chamber O-Ring	\$ 1.00	\$ 15.00
15	Model 420 Strainer Retainer	\$ 1.00	\$ 15.00
15	Model Iron Bottom Plate/Gasket/Liner	\$ 11.00	\$ 165.00
10	Model 452 Chamber Assembly	\$ 170.00	\$ 1,700.00
10	Model 452 Strainer	\$ 6.00	\$ 60.00
10	Model 452 iron Bottom Plate/Gasket/Liner	\$ 26.00	\$ 260.00
100	3M Scotchlok Connectors (UY2)	\$ 0.11	\$ 11.00
Change Order on August 4, 2016 - Approved by Todd DeBoer (DSG-C346197)			
- Meter & Remote TruRead Display for Opt-out Customers			
4	Hersey 420B 5/8" x 3/4" Bronze Meter, Translator Register, 6-dial Terminal Screw	\$ 112.25	\$ 449.00
4	Hersey TruRead Meter Remote	\$ 65.25	\$ 261.00
Change Order on August 22, 2016 - Approved by Trevor Walters			
- City Meters that were not included in original bid			
1	Hersey 420B 5/8" x 3/4" Bronze Meter, Translator Register, 6-dial, Gln, Terminal Screw	\$ 112.25	\$ 112.25
3	Hersey 452 1" Bronze Meter, Translator Register, 6-dial, Gln, Terminal Screw	\$ 216.75	\$ 650.25
4	Hersey 562 1.5" Bronze Meter, Translator Register, 6-dial, Gln, Terminal Screw	\$ 504.75	\$ 2,019.00
4	Hersey 572 2" Bronze Meter, Translator Register, 6-dial, Gln, Terminal Screw	\$ 678.75	\$ 2,715.00
Change Order on August 23, 2016 - Approved by Trevor Walters (DSG-C402374)			
- Meters for the Mall (different size than what was included on original bid)			
40	Hersey 420B, 5/8" x 1/2" Bronze Meter, SSR, 6-dial, Gln, with 25ft Wire Mi.Net Node	\$ 154.98	\$ 6,199.20
BY:	<i>Brad Simms</i>	TOTAL	\$ 36,129.50



September 23, 2016

Mr. Matt Ellingson
Water/Wastewater Engineer
TKDA
444 Cedar Street, Suite 1500
St. Paul, MN 55101

Dear Mr. Ellingson:

Dakota Supply Group (DSG) is excited to complete the water meter change out and AMI system for the City of Baxter, MN. We are on schedule with the residential and commercial installations and completed the training of the city staff on the AMI system.

The original contract had a schedule of completing the installation by October 31, 2016. DSG and our contractor Midwest Testing, LLC, are requesting an extension to Wednesday, November 23, 2016, to finalize all the meter installations. There are three types of installations that we feel may need additional time:

- 1) DSG is waiting for some commercial meters from our manufacturer Mueller Systems. The meters are from change orders from the original bid.
- 2) There are a small percentage of non-Responsive Residents that may require additional time to gain access to homes. Also, some seasonal residents have left for the winter. City staff has agreed to complete the seasonal installations next spring.
- 3) There is a small percentage of residential customers that require plumbing modifications and the local plumber needs additional time to complete work.

DSG is requesting an extension to complete the installation for the City of Baxter. Please let me know if this extension can be approved or if you have any questions. Thank you!

Sincerely,

Brad Simms
Territory Manager
952-300-0352 Mobile
bsimms@dsginc.biz

cc: Robin Boros, Midwest Testing LLC

DAKOTA SUPPLY GROUP

620 16th Avenue South, Hopkins, MN 55343
P (952)890-3811 F (952)890-8418

dakotasupplygroup.com





444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkda.com

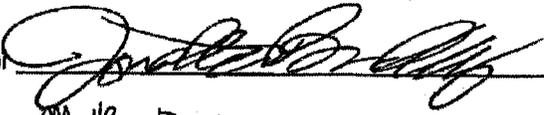
PERIODICAL ESTIMATE FOR PARTIAL PAYMENTS

Estimate No. 2 Period Ending September 23, 2016 Page 1 of 1 Proj. No. 16035.000
Contractor Dakota Supply Group Original Contract Amount \$883,841.33
Project Fixed Network Water Meter Replacement
Location Baxter, Minnesota

Total Contract Work Completed		\$	<u>750,747.36</u>
Total Approved Credits		\$	<u>0.00</u>
Total Approved Extra Work Completed	\$	<u>0.00</u>	
Approved Extra Orders Amount Completed		\$	<u>0.00</u>
Total Amount Earned This Estimate		\$	<u>750,747.36</u>

Less Approved Credits	\$	<u>0.00</u>	
Less <u>5</u> % Retained	\$	<u>37,537.37</u>	
Less Previous Payments	\$	<u>619,940.43</u>	
Total Deductions	\$		<u>657,477.80</u>

Amount Due This Estimate \$ 93,269.56

Contractor 
Engineer Matthew R. Collins

Date 9/27/16
Date 9/27/2016

CITY OF BAXTER, MINNESOTA
PAY REQUEST #2 - SEPT 26, 2016

ALTERNATE BID PROPOSAL "B"
SCHEDULE NO. 3 - ALL NEW METERS

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Install All Base Bid and Alternate Items					
BASE BID ITEMS					
1	Project Start Up and Mobilization	0	LS	\$ 6,315.79	\$ -
2	5/8" X 3/4" Meter Complete With Radio Transmitter and Meter Seal	1,314	EA	\$ 57.98	\$ 76,185.72
3	1" Meter Complete With Radio Transmitter and Meter Seal	162	EA	\$ 57.98	\$ 9,392.78
4	1-1/2" Meter Complete With Radio Transmitter and Meter Seal	45	EA	\$ 100.00	\$ 4,500.00
5	2" Disc Meter Complete With Radio Transmitter and Meter Seal	30	EA	\$ 121.05	\$ 3,631.50
6	2" Compound Meter Complete With Radio Transmitter and Meter Seal	0	EA	\$ 121.05	\$ -
7	3" Compound Meter Complete With Radio Transmitter and Meter Seal	6	EA	\$ 310.53	\$ 1,863.18
8	4" Compound Meter Complete With Radio Transmitter and Meter Seal	0	EA	\$ 405.26	\$ -
9	6" Compound Meter Complete With Radio Transmitter and Meter Seal	1	EA	\$ 521.05	\$ 521.05
10	New Radio Transmitter and Register For an Existing 5/8" X 3/4" Neptune Meter	0	EA	\$ 44.21	\$ -
11	New Radio Transmitter and Register For an Existing 1" Neptune Meter	0	EA	\$ 44.21	\$ -
12	New Radio Transmitter and Register For an Existing 1-1/2" Neptune Meter	0	EA	\$ 44.21	\$ -
13	New Radio Transmitter and Register For an Existing 2" Neptune Disc Meter	0	EA	\$ 44.21	\$ -
14	New Radio Transmitter and Register For an Existing 2" Neptune Compound Meter	0	EA	\$ 44.21	\$ -
15	New Radio Transmitter and Register For an Existing 3" Neptune Compound Meter	0	EA	\$ 44.21	\$ -
16	New Radio Transmitter and Register For an Existing 4" Neptune Compound Meter	0	EA	\$ 44.21	\$ -
17	New Radio Transmitter and Register For an Existing 6" Neptune Compound Meter	0	EA	\$ 44.21	\$ -
18	3/4" or 1" Quarter Turn Ball Valve	0	EA	\$ 68.42	\$ -
19	1-1/2" or 2" Quarter Turn Ball Valve	0	EA	\$ 131.58	\$ -
20	3/4" or 1" First or Second Nipple Between Valve and Meter	0	EA	\$ -	\$ -
21	1-1/2" or 2" First or Second Nipple Between Valve and Meter	0	EA	\$ -	\$ -
22	Meter Horn for 5/8" X 3/4" or 3/4" Meter	0	EA	\$ 5.26	\$ -
23	Meter Horn for 1" Meter	0	EA	\$ 5.26	\$ -
24	Add Amount for Installation Under a Trailer Home	0	EA	\$ 28.32	\$ -
25	Confined Space Entry Installation	0	EA	\$ 47.37	\$ -
26	Rate for Plumber	0	HR	\$ 100.00	\$ -
27	Install All Equipment Required to Provide a Fixed Network Reading System Including Hardware, Software, Collectors, Antennas, Programming and Training, Communication and Backhaul Costs as Required.	0	LS	\$ 27,920.83	\$ -
28	5/8" X 3/4" Meter Complete With Touchpad and New Wire and Meter Seal	0	EA	\$ 71.58	\$ -
29	1" Meter Complete With Touchpad and New Wire and Meter Seal	0	EA	\$ 71.58	\$ -
TOTAL SCHEDULE NO. 3: ITEMS NO. 1 THRU NO. 29					\$ 96,094.21

CITY OF BAXTER, MINNESOTA
 PAY REQUEST #2 - SEPT 26, 2016

ALTERNATE BID PROPOSAL "B"
 SCHEDULE NO. 3 - ALL NEW METERS

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
ALTERNATE BID ITEMS					
A1	Add Amount to Install the Radio Transmitter on the Outside of the Building With New 22 Gauge Wire (Add to Items 2-17 Above)	132	EA	\$ 15.79	\$ 2,084.28
TOTAL SCHEDULE NO. 3 WITH ALTERNATE BID ITEMS					\$ 98,178.49
NOTE: For items 2-17 the radio transmitters shall be installed in the floor joists inside of the building.					
NOTE: For items 10-17 the City would like to reuse these meter bodies if possible with your register and radio transmitter. If your register and radio transmitter is not compatible with the existing Neptune T-10 meters, you must provide pricing to replace the entire meter for these line items.					
NOTE: All meters shall be provided with gaskets.					



Real People. Real Solutions.

7656 Design Road
Suite 200
Baxter, MN 56425-8676

Ph: (218) 825-0684
Fax: (218) 825-0685
Bolton-Menk.com

MEMORANDUM

Date: September 28, 2016
To: Baxter Utilities Commission
From: Mike Rardin, PE *MR*
Cc: Trevor Walter, PE – City Engineer/Public Works Director
Subject: Pavement Management Program
City of Baxter
Project No: B11.110059

RECOMMENDED ACTION:

The purpose of this report is to present information on past sealcoat projects, 2016 PASER rating results, an evaluation of improvements made to the street network over the past three years, and street segments proposed for 2017 sealcoating.

The Commission is requested to support continuation of the recently adopted Pavement Management Program (PMP) which is intended to provide for the maintenance, rehabilitation, and reconstruction of City owned streets.

The Commission is requested to recommend the 2017 sealcoat project as proposed.

Finally, the Commission is asked to consider contracting for sealcoat projects separately from Crow Wing County.

POLICY CONSIDERATIONS:

Does the Commission:

1. Have questions regarding sealcoats performed over the past three years?
2. Have questions over the 2016 PASER ratings?
3. Have adequate information to evaluate the program (PMP)? If not, what other information is desired?
4. Feel the PMP program is providing the results expected? If not, why not?
5. Feel sealcoat, rehabilitation, and reconstruction projects identified in the PMP continue to be pursued?
6. Approve of the street segments proposed for 2017 sealcoating? If not, why not?
7. Feel it may be beneficial to contract for sealcoat projects independent of Crow Wing County such as rehabilitation and reconstruction projects are currently done?

BACKGROUND:

History

The City started pavement maintenance and rehabilitation projects in 2014 as a result of recommendations provided in the 2013 Bolton & Menk pavement management study. PASER pavement ratings were performed in 2013 as a part of that study. Since then quite a few sealcoat, rehabilitation, and reconstruction projects have been completed in the City. Due to the condition of the streets, these projects

Name: Pavement Management Program Memo
Date: September 28, 2016
Page: 2

were pursued citywide during 2014 and 2015 generally based on a worst first priority basis. Pursuing projects on this basis raised concerns over efficiency, public notifications, and impacts to property owners.

A history of the sealcoat projects undertaken the past three years is provided in the attached exhibit "Sealcoat Program Information".

During early 2016 the City officially adopted a Pavement Management Plan (PMP) which provided direction on how to evaluate, prioritize, and develop street maintenance and improvement projects in a more deliberate and coordinated fashion in the City. The City was split into seven areas where maintenance and rehabilitation projects could be identified and consolidated over a seven year cycle - see attached exhibit "Pavement Management Areas". During 2016 identified streets in area 3 were sealcoated and PASER ratings were taken in all 7 areas.

The City requested PASER ratings which were obtained during April of 2016. The new ratings were intended to aid in future project prioritization and development along evaluating the impact of the street projects recently completed across the City. The results of PASER ratings from 2013 and 2016 are shown in the attached exhibit "Pavement Rating Information". The last sheet of that exhibit shows improvements in the overall network rating over the three years pavement management projects have been completed in the City. This indicates the overall condition of the streets in the City are improving.

Recent Activities

Based on the 2016 PASER ratings and City input, a draft PMP and Capital Improvement Plan (CIP) was generated during June with final proposed plans provided to the City in early July. The PMP provides current information on City streets and identifies sealcoat and capital improvements which should be considered seven years into the future. The CIP, to be used to actually program maintenance and capital projects, is a subset of the overall PMP.

Streets proposed for sealcoating during 2017 are listed in the attached exhibit "Proposed 2017 Sealcoat Segments". These streets are mostly in management area 4 with additional streets included that were paved during the last one to two years. A map showing these streets proposed for 2017 sealcoating will be presented at the meeting.

Current Issues or Considerations

The City has combined their past sealcoat projects with Crow Wing County for a variety of reasons. Now that the City program is more fully developed and of considerable size, contracting for this work separately from the County is recommended. The following rationale supports this recommendation:

1. the City will directly own the contract resulting in better communications with and control of the contractor
2. City project needs are different than the County so inherent conflicts occur (materials, operations, construction timing, contractor skills / experience to name a few)
3. total City project costs are expected to remain the same or be reduced

Crow Wing County has been charging the following for providing engineering services (% of final contract cost):

1. Contract Administration - 3%
2. Contract Administration and Construction Observation - 8%
3. Design, Contract Administration, and Construction Observation - 18%

Name: Pavement Management Program Memo
Date: September 28, 2016
Page: 3

For comparison purpose, past and projected consultant costs are estimated as follows (% of final contract cost):

1. Design - 2.5%
2. Bidding - 0.5%
3. Contract Administration - 2%
4. Construction Observation - 5%

Sealcoating costs were obtained from the City of Brainerd for the past 5 years in an attempt to compare their sealcoating costs with Baxter's / Crow Wing County - see exhibit "Brainerd Sealcoating Costs". Brainerd costs have been erratic which appears to be due to variation in project / contract size along with pavement marking needs. Their overall projects average about 25% or less than Baxter's proposed 2017 sealcoat project. In summary, Brainerd sealcoat costs overall have been higher than Baxter's but, that does not necessarily indicate Baxter's costs will increase if they break away from Crow Wing County.

Project Schedule / Next Steps

Work to this point has been proceeding to allow for construction of the 2017 sealcoat sooner than in past years. The project schedule proposed is as follows:

October, 2016 - Utility Commission Approval of Proposed 2017 Sealcoat Project
October, 2016 - City Council Approval of Proposed 2017 Sealcoat Project
November - December, 2016 - design project
January - February, 2017 - advertise / receive bids
February - March, 2017 - review bids / award contract
July - August, 2017 - construct sealcoats
August - September, 2017 - complete project / final payment

The City can chose to slow down or to stop work on the 2017 proposed sealcoat project at any point or time.

FINANCIAL OR BUDGET CONSIDERATIONS:

The City has budgeted \$500,000 per year towards the sealcoating program. Based on the recently proposed PMP and CIP, total estimated sealcoat program costs are as follows:

Sealcoat Year	PMP Area	Estimated Project Cost
2017	4	\$471,656
2018	5	\$394,671
2019	6	\$504,491
2010	7	\$502,306
2021	1	\$363,504
2022	2	\$435,290
2023	3	\$583,401
Average 7 Year Cost		\$465,045

Costs are total project costs that include no contingency costs and 20% engineering costs.

Attachments

1. Sealcoat Program Information
2. Pavement Management Areas
3. Pavement Rating Information

Name: Pavement Management Program Memo
Date: September 28, 2016
Page: 4

4. Proposed 2017 Sealcoat Segments
5. Proposed 2017 Sealcoat Map (to be provided at the meeting)
6. Brainerd Sealcoat Costs

SEALCOAT PROGRAM INFORMATION

CITY OF BAXTER, MINNESOTA

Last Revised 9/20/2016

ITEM	DESCRIPTION	UNIT	2014	2015	2016
Final Contract Quantities					
1	Mobilization	Lump Sum	1	1	1
2	Bituminous Material for Fog Seal (Street)	Gallon	9,333	5,809	5,203
3	Bituminous Material for Fog Seal (Trail)	Gallon	370	550	540
4	Bituminous Material for Seal Coat (Street)	Gallon	55,995	31,951	31,625
5	Bituminous Material for Seal Coat (Trail)	Gallon	1,850	2,751	2,510
6	Bituminous Seal Coat FA-1 (Class A, Grey Color) (Trail)	Sq Yd	9,250	13,754	12,469
7	Bituminous Seal Coat FA-2 (Class A, Grey Color) (Street)	Sq Yd	155,543		
8	Bituminous Seal Coat FA-2 1/2 (Class A, Grey Color) (Street)	Sq Yd		96,821	92,536
9	Pre-Application of Bituminous	Lump Sum	1	1	1
10	Traffic Control	Lump Sum	1	1	1
11	Interim Pavement Markings	Lin Ft	6,102	9,752	-
12	Pavement Message - Paint (P)	Each	10	30	2
13	4" Solid Line White - Paint (P)	Lin Ft	637	840	6,503
14	4" Broken Line White - Paint (P)	Lin Ft	790	-	971
15	8" Solid Line White - Paint (Crosswalk) (P)	Lin Ft	1,481	628	10,374
16	4" Solid Line Yellow - Paint (P)	Lin Ft	2,289	5,562	300
17	4" Broken Line Yellow - Paint (P)	Lin Ft	8,126	3,311	3,450
18	4" Double Solid Line Yellow - Paint (P)	Lin Ft	10,685	8,974	17,212
19	Pavement Area Sealcoated	Sq Yd	155,543	96,821	92,536
20	Trail Area Sealcoated	Sq Yd	9,250	13,754	12,469
21	Length of Trails Sealcoated	Lin Ft	7,109	11,585	9,554
Contract Unit Prices					
1	Mobilization	\$ / LS	\$ 30,600.00	\$ 6,500.00	\$ 4,000.00
2	Bituminous Material for Fog Seal (Street)	\$ / Gal	\$ 1.00	\$ 4.87	\$ 4.32
3	Bituminous Material for Fog Seal (Trail)	\$ / Gal	\$ 6.00	\$ 4.87	\$ 4.32
4	Bituminous Material for Seal Coat (Street)	\$ / Gal	\$ 1.00	\$ 2.77	\$ 2.27
5	Bituminous Material for Seal Coat (Trail)	\$ / Gal	\$ 3.50	\$ 2.77	\$ 2.27
6	Bituminous Seal Coat FA-1 (Class A, Grey Color) (Trail)	\$ / Sq Yd	\$ 0.75	\$ 0.44	\$ 0.43
7	Bituminous Seal Coat FA-2 (Class A, Grey Color) (Street)	\$ / Sq Yd	\$ 1.00		
8	Bituminous Seal Coat FA-2 1/2 (Class A, Grey Color) (Street)	\$ / Sq Yd		\$ 0.44	\$ 0.44
9	Pre-Application of Bituminous	\$ / LS	\$ 2,500.00	\$ 1,000.00	\$ 2,000.00
10	Traffic Control	\$ / LS	\$ 20,400.00	\$ 5,000.00	\$ 400.00
11	Interim Pavement Markings	\$ / Lin Ft	\$ 0.12	\$ 0.40	
12	Pavement Message - Paint (P)	\$ / Each	\$ 53.00	\$ 47.00	\$ 100.00
13	4" Solid Line White - Paint (P)	\$ / Lin Ft	\$ 0.07	\$ 0.12	\$ 0.07
14	4" Broken Line White - Paint (P)	\$ / Lin Ft	\$ 0.07		\$ 0.07
15	8" Solid Line White - Paint (Crosswalk) (P)	\$ / Lin Ft	\$ 1.05	\$ 1.30	\$ 0.25
16	4" Solid Line Yellow - Paint (P)	\$ / Lin Ft	\$ 0.07	\$ 0.12	\$ 0.07
17	4" Broken Line Yellow - Paint (P)	\$ / Lin Ft	\$ 0.07	\$ 0.12	\$ 0.07
18	4" Double Solid Line Yellow - Paint (P)	\$ / Lin Ft	\$ 0.13	\$ 0.24	\$ 0.14
Project Costs					
1	Cost of Street Sealcoat	\$ / Sq Yd	\$ 1.80	\$ 1.86	\$ 1.58
2	Cost of Trail Sealcoat	\$ / Sq Yd	\$ 1.69	\$ 1.27	\$ 1.11
3	Cost of Trail Sealcoat	\$ / Lin Ft	\$ 2.20	\$ 1.51	\$ 1.45
4	Total Street Sealcoat Construction Cost	\$	\$ 279,347	\$ 180,192	\$ 146,690
5	Total Trail Sealcoat Construction Cost	\$	\$ 15,633	\$ 17,501	\$ 14,072
6	Preliminary Engineering Design	\$	\$ 21,250	\$ 13,618	\$ 3,041
7	Bidding	\$	\$	\$ 6,200	\$ 4,822
8	Construction Engineering	\$	\$ 40,000	\$ 11,077	\$ 11,500
9	Total Project Cost	\$ / Sq Yd	\$ 2.16	\$ 2.07	\$ 1.72
Misc					
	Contract Owner		County	County	County
	Contractor		Astech	Morris Trucking	Morris Trucking
	Completion Date		8-Aug-14	21-Sep-15	26-Aug-16
Estimated Info - update when actual becomes available					

FINAL CONTRACT COSTS

2016 Sealcoat Project - Morris Sealcoat & Trucking

CITY OF BAXTER, MINNESOTA
 BMI Project B11.111467

BID DATE: 4/8/2016
 COMPLETION DATE: 8/26/2016

ITEM NO.	ITEM	QTY	UNIT	LOWBID UNIT PRICE	TOTAL	Budget	BMI Estimated Costs
1	Mobilization	1	Lump Sum	\$4,000.00	\$4,000.00		\$ 6,500.00
2	Bituminous Material for Fog Seal (Street)	5,203	Gallon	\$4.32	\$22,476.96		\$ 4.87
3	Bituminous Material for Fog Seal (Trail)	540	Gallon	\$4.32	\$2,332.80		\$ 4.87
4	Bituminous Material for Seal Coat (Street)	31,625	Gallon	\$2.27	\$71,788.75		\$ 2.77
5	Bituminous Material for Seal Coat (Trail)	2,510	Gallon	\$2.27	\$5,697.70		\$ 2.77
6	Bituminous Seal Coat FA-1 (Class A, Grey Color) (Trail)	12,469	Sq Yd	\$0.43	\$5,361.67		\$ 0.44
7	Bituminous Seal Coat FA-2 1/2 (Class A, Grey Color) (Street)	92,536	Sq Yd	\$0.44	\$40,715.84		\$ 0.44
8	Pre-Application of Bituminous	1	Lump Sum	\$2,000.00	\$2,000.00		\$ 1,000.00
9	Traffic Control	1	Lump Sum	\$400.00	\$400.00		\$ 5,000.00
10	Interim Pavement Markings		Lin Ft				\$ 0.40
11	Pavement Message - Paint (P)	2	Each	\$100.00	\$200.00		\$ 47.00
12	4" Solid Line White - Paint (P)	6,503	Lin Ft	\$0.07	\$455.21		\$ 0.12
13	4" Broken Line White - Paint (P)	971	Lin Ft	\$0.07	\$67.97		\$ 0.12
14	8" Solid Line White - Paint (Crosswalk) (P)	10,374	Lin Ft	\$0.25	\$2,593.50		\$ 1.30
15	4" Solid Line Yellow - Paint (P)	300	Lin Ft	\$0.07	\$21.00		\$ 0.12
16	4" Broken Line Yellow - Paint (P)	3,450	Lin Ft	\$0.07	\$241.50		\$ 0.12
17	4" Double Solid Line Yellow - Paint (P)	17,212	Lin Ft	\$0.14	\$2,409.68		\$ 0.24
	Total				\$160,762.58	\$200,000.00	\$196,821.59
	streets				\$146,690.41	\$185,000.00	\$180,891.72
	trails				\$14,072.17	\$15,000.00	\$15,929.87

Street sealcoat cost per sq. yd = \$1.59
 Trail sealcoat cost per sq. yd = \$1.13
 Trail sealcoat cost per lin ft = \$1.47

Trail lengths = 9,554

Final Contract Quantities and Costs

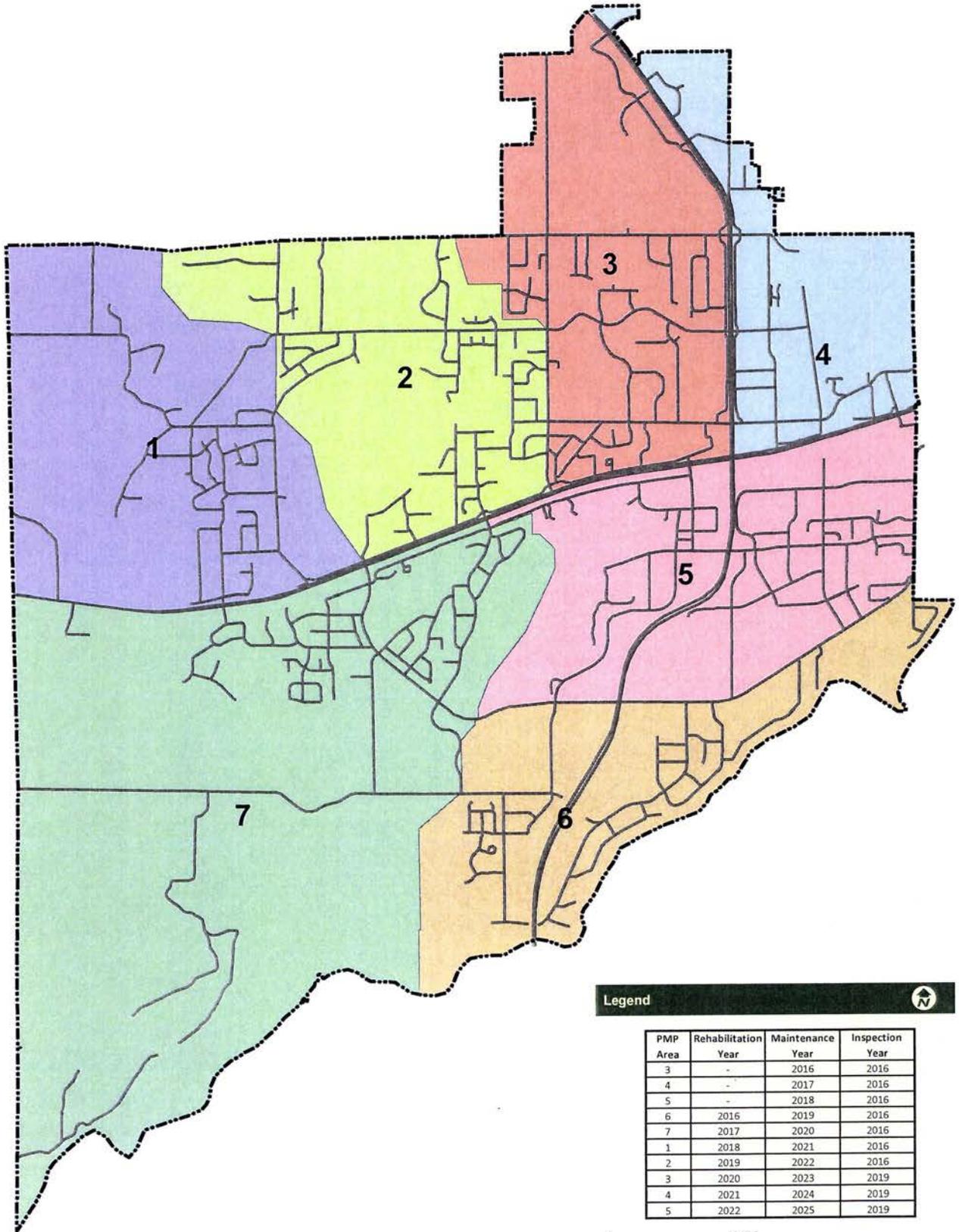
2015 Sealcoat Project - Morris Trucking

CITY OF BAXTER, MINNESOTA
 BMI PROJECT NO. B11.109306

BID DATE: 5/6/2015

ITEM NO.	ITEM	QTY	UNIT	Low Bid UNIT PRICE	TOTAL	Budget	BMI Estimated Costs
1	Mobilization	1	Lump Sum	\$6,500.00	\$6,500.00		\$ 20,000.00
2	Bituminous Material for Fog Seal (Street)	5,809	Gallon	\$4.87	\$28,289.83		\$ 3.60 \$ 15,818.40
3	Bituminous Material for Fog Seal (Trail)	550	Gallon	\$4.87	\$2,678.50		\$ 6.00 \$ 1,884.00
4	Bituminous Material for Seal Coat (Street)	31,951	Gallon	\$2.77	\$88,504.27		\$ 3.00 \$ 72,498.00
5	Bituminous Material for Seal Coat (Trail)	2,751	Gallon	\$2.77	\$7,620.27		\$ 4.00 \$ 6,288.00
6	Bituminous Seal Coat FA-1 (Class A, Grey Color) (Trail)	13,754	Sq Yd	\$0.44	\$6,051.76		\$ 0.80 \$ 6,289.60
7	Bituminous Seal Coat FA-2 1/2 (Class A, Grey Color) (Street)	96,821	Sq Yd	\$0.44	\$42,601.24		\$ 0.60 \$ 43,938.60
8	Pre-Application of Bituminous	1	Lump Sum	\$1,000.00	\$1,000.00		\$ 2,000.00 \$ 2,000.00
9	Traffic Control	1	Lump Sum	\$5,000.00	\$5,000.00		\$ 15,000.00 \$ 15,000.00
10	Interim Pavement Markings	9,752	Lin Ft	\$0.40	\$3,900.80		\$ 0.06 \$ 545.04
11	Pavement Message - Paint (P)	30	Each	\$47.00	\$1,410.00		\$ 65.00 \$ 2,145.00
12	4" Solid Line White - Paint (P)	840	Lin Ft	\$0.12	\$100.80		\$ 0.08 \$ 83.04
13	4" Broken Line White - Paint (P)		Lin Ft				\$ 0.08
14	8" Solid Line White - Paint (Crosswalk) (P)	628	Lin Ft	\$1.30	\$816.40		\$ 1.60 \$ 822.39
15	4" Solid Line Yellow - Paint (P)	5,562	Lin Ft	\$0.12	\$667.44		\$ 0.10 \$ 586.08
16	4" Broken Line Yellow - Paint (P)	3,311	Lin Ft	\$0.12	\$397.32		\$ 0.12 \$ 389.36
17	4" Double Solid Line Yellow - Paint (P)	8,974	Lin Ft	\$0.24	\$2,153.76		\$ 0.10 \$ 792.75
	Total			\$197,692.39	\$200,000.00		\$189,080.26
	streets				\$180,191.86	\$180,000.00	\$171,218.66
	trails				\$17,500.53	\$20,000.00	\$17,861.60
	Trail lengths =				11,585		

Street sealcoat cost per sq. yd = \$1.86
 Trail sealcoat cost per sq. yd = \$1.27
 Trail sealcoat cost per lin ft = \$1.51



Legend

PMP Area	Rehabilitation Year	Maintenance Year	Inspection Year
3	-	2016	2016
4	-	2017	2016
5	-	2018	2016
6	2016	2019	2016
7	2017	2020	2016
1	2018	2021	2016
2	2019	2022	2016
3	2020	2023	2019
4	2021	2024	2019
5	2022	2025	2019



Source: Crow Wing County, 2013 Aerial Photo - Crow Wing County

Pavement Rating Information

City of Baxter

Created - March 16, 2016

Last Update - September 20, 2016

line ID #	GIS Identifier	PMP Mgmt Area	Shape Length	Pavement Width (Ft)	Pavement Area (Sq Yds)	2013 PASER Rating	2013 Weighted Rating	2016 PASER Rating	2016 Weighted Rating	Current PASER Rating	Current Weighted Rating
LOCAL STREETS											
45	322-010	1	537	26	1,553	8	12,420	7	10,868	7	10,868
54	327-010	1	666	24	1,776	4	7,103	3	5,327	3	5,327
55	327-020	1	1767	24	4,713	7	32,988	8	37,701	8	37,701
56	327-030	1	589	24	1,571	6	9,427	8	12,569	8	12,569
57	327-040	1	244	26	704	6	4,225	8	5,633	8	5,633
58	327-050	1	675	26	1,950	7	13,649	8	15,599	8	15,599
59	327-060	1	2440	26	7,048	7	49,334	8	56,382	8	56,382
60	327-070	1	480	26	1,386	7	9,699	8	11,084	8	11,084
61	327-080	1	346	26	999	7	6,995	8	7,994	8	7,994
62	327-090	1	154	26	444	7	3,105	8	3,549	8	3,549
63	327-100	1	66	26	189	7	1,325	7	1,325	7	1,325
64	327-110	1	747	26	2,159	7	15,110	7	15,110	7	15,110
65	327-120	1	566	26	1,636	7	11,452	7	11,452	7	11,452
66	327-130	1	1054	26	3,045	7	21,317	7	21,317	7	21,317
85	332-010	1	1485	24	3,961	6	23,767	6	23,767	6	23,767
87	334-010	1	180	24	481	9	4,328	7	3,366	7	3,366
88	334-020	1	1095	24	2,921	9	26,288	7	20,446	7	20,446
89	334-030	1	500	24	1,334	9	12,006	7	9,338	7	9,338
90	334-040	1	476	24	1,269	8	10,156	7	8,886	7	8,886
142	343-010	1	551	24	1,469	0	0	0	0	0	0
143	343-020	1	581	26	1,679	7	11,750	7	11,750	7	11,750
144	343-030	1	190	26	550	7	3,847	6	3,298	6	3,298
145	343-040	1	521	26	1,506	7	10,539	6	9,033	6	9,033
146	343-050	1	448	26	1,295	7	9,067	7	9,067	7	9,067
187	355-010	1	210	26	607	6	3,643	5	3,036	5	3,036
188	356-010	1	451	26	1,304	6	7,824	5	6,520	5	6,520
189	356-020	1	506	26	1,462	6	8,771	5	7,309	5	7,309
190	356-030	1	619	26	1,788	6	10,730	5	8,941	5	8,941
219	362-010	1	308	26	891	7	6,237	7	6,237	7	6,237
220	362-020	1	699	26	2,020	7	14,143	7	14,143	7	14,143
221	362-030	1	770	26	2,224	7	15,568	6	13,344	6	13,344
222	362-040	1	342	24	912	5	4,562	10	9,124	10	9,124
223	362-050	1	336	24	896	5	4,479	5	4,479	5	4,479
224	362-060	1	1474	24	3,929	4	15,718	4	15,718	4	15,718
265	368-010	1	185	26	535	7	3,746	7	3,746	7	3,746
338	391-010	1	766	26	2,214	7	15,497	7	15,497	7	15,497
339	391-020	1	243	26	701	7	4,908	7	4,908	7	4,908
340	391-030	1	702	26	2,027	7	14,188	7	14,188	7	14,188
401	409-010	1	210	26	607	6	3,643	4	2,428	4	2,428
402	410-010	1	386	26	1,115	6	6,691	6	6,691	6	6,691
403	410-020	1	1107	26	3,198	6	19,190	5	15,991	5	15,991
453	423-010	1	682	26	1,971	7	13,798	7	13,798	7	13,798
454	423-020	1	272	26	784	7	5,490	7	5,490	7	5,490
455	424-010	1	359	26	1,038	7	7,268	7	7,268	7	7,268
501	441-020	1	208	26	600	7	4,199	4	2,399	4	2,399
502	441-030	1	1268	26	3,664	8	29,313	7	25,649	7	25,649
503	441-040	1	711	26	2,053	8	16,426	7	14,372	7	14,372
504	441-050	1	585	26	1,690	7	11,833	6	10,142	6	10,142
505	441-060	1	535	26	1,547	7	10,828	6	9,281	6	9,281
508	442-010	1	1540	26	4,448	7	31,133	7	31,133	7	31,133
509	442-020	1	400	26	1,154	7	8,080	6	6,925	6	6,925
510	442-030	1	205	26	594	7	4,155	7	4,155	7	4,155
522	449-010	1	2767	26	7,993	8	63,947	6	47,960	6	47,960
532	452-010	1	601	24	1,602	6	9,613	6	9,613	6	9,613
533	452-020	1	466	24	1,243	6	7,456	6	7,456	6	7,456
534	452-030	1	596	24	1,589	6	9,535	6	9,535	6	9,535
537	454-010	1	1214	26	3,506	7	24,541	6	21,035	6	21,035

538	454-020	1	856	26	2,473	7	17,312	6	14,839	6	14,839
539	454-030	1	2868	26	8,285	7	57,993	6	49,708	6	49,708
540	454-040	1	1007	26	2,910	0	0	7	20,369	7	20,369
541	455-010	1	651	24	1,736	5	8,681	4	6,945	4	6,945
542	455-020	1	1431	24	3,815	6	22,892	4	15,262	4	15,262
543	455-030	1	752	24	2,006	7	14,044	5	10,031	5	10,031
544	455-040	1	367	26	1,060	7	7,418	7	7,418	7	7,418
546	457-010	1	238	26	687	7	4,811	7	4,811	7	4,811
547	458-010	1	641	26	1,851	7	12,957	7	12,957	7	12,957
548	458-020	1	560	26	1,619	7	11,334	6	9,715	6	9,715
563	467-010	1	1083	26	3,129	7	21,901	6	18,772	6	18,772
585	475-010	1	1205	26	3,481	7	24,365	7	24,365	7	24,365
586	476-010	1	1866	26	5,390	7	37,728	7	37,728	7	37,728
594	481-010	1	1409	26	4,072	7	28,501	7	28,501	7	28,501
595	481-020	1	364	26	1,051	7	7,356	7	7,356	7	7,356
596	481-030	1	816	26	2,356	7	16,493	7	16,493	7	16,493
597	481-040	1	459	26	1,327	7	9,288	7	9,288	7	9,288
598	481-050	1	397	26	1,146	7	8,019	7	8,019	7	8,019
			Ave Rating PMP Area 1		155,937	6.66	1,038,140	6.39	995,952	6.39	995,952
4	302-010	1	398	26	1,151	7	8,057	7	8,057	7	8,057
5	302-020	1	457	26	1,319	7	9,236	7	9,236	7	9,236
6	302-030	1	560	26	1,616	7	11,314	7	11,314	7	11,314
10	304-010	1	2837	24	7,564	6	45,385	4	30,257	4	30,257
20	308-010	1	238	26	688	7	4,815	7	4,815	7	4,815
26	311-010	1	468	26	1,352	7	9,462	7	9,462	7	9,462
27	312-010	1	861	24	2,297	6	13,779	5	11,483	5	11,483
33	316-010	1	458	26	1,322	7	9,256	6	7,934	6	7,934
34	316-020	1	151	26	438	7	3,063	7	3,063	7	3,063
35	317-010	1	236	26	681	7	4,764	7	4,764	7	4,764
46	323-010	2	995	26	2,875	7	20,127	7	20,127	7	20,127
47	324-010	2	990	26	2,860	7	20,021	8	22,881	8	22,881
75	330-010	2	613	24	1,635	6	9,808	8	13,077	8	13,077
76	330-020	2	1284	24	3,423	6	20,536	8	27,382	8	27,382
77	330-030	2	777	24	2,072	6	12,430	6	12,430	6	12,430
78	330-040	2	250	26	722	7	5,056	6	4,333	6	4,333
79	330-050	2	381	26	1,102	7	7,713	7	7,713	7	7,713
80	330-060	2	475	26	1,371	7	9,598	7	9,598	7	9,598
81	330-070	2	1332	26	3,849	7	26,942	7	26,942	7	26,942
82	330-080	2	375	26	1,082	7	7,576	7	7,576	7	7,576
83	735-070	2	725	0	0	0	0	0	0	0	0
86	333-010	2	551	26	1,592	7	11,144	7	11,144	7	11,144
121	338-010	2	375	26	1,084	7	7,589	7	7,589	7	7,589
122	338-020	2	330	26	952	7	6,666	7	6,666	7	6,666
123	338-030	2	371	26	1,073	7	7,509	7	7,509	7	7,509
124	339-010	2	337	26	973	7	6,814	8	7,788	8	7,788
125	339-020	2	367	26	1,059	7	7,414	8	8,473	8	8,473
126	339-030	2	541	26	1,563	7	10,943	8	12,507	8	12,507
127	339-040	2	830	26	2,398	7	16,784	8	19,182	8	19,182
128	339-050	2	270	26	780	7	5,463	8	6,243	8	6,243
129	340-010	2	447	26	1,291	7	9,037	8	10,328	8	10,328
140	342-010	2	1315	26	3,798	7	26,588	7	26,588	7	26,588
141	492-010	2	295	26	852	8	6,814	7	5,962	7	5,962
161	347-010	2	586	24	1,561	6	9,368	7	10,930	7	10,930
162	347-020	2	533	24	1,421	7	9,949	7	9,949	7	9,949
179	352-010	2	997	26	2,879	7	20,152	7	20,152	7	20,152
196	358-010	2	687	26	1,984	7	13,888	6	11,904	6	11,904
197	358-020	2	333	26	961	7	6,727	7	6,727	7	6,727
216	359-010	2	592	26	1,710	7	11,968	7	11,968	7	11,968
217	360-010	2	647	26	1,869	7	13,082	7	13,082	7	13,082
218	361-010	2	273	26	790	7	5,528	7	5,528	7	5,528
225	362-070	2	912	24	2,432	4	9,728	4	9,728	4	9,728
226	362-080	2	724	24	1,930	6	11,579	5	9,650	5	9,650
227	362-090	2	1283	24	3,420	5	17,101	4	13,681	4	13,681
228	362-100	2	600	24	1,599	5	7,994	4	6,395	4	6,395
229	362-110	2	283	24	755	6	4,528	4	3,019	4	3,019
230	362-120	2	278	24	741	6	4,443	5	3,703	5	3,703
231	362-130	2	1493	24	3,983	6	23,895	6	23,895	6	23,895

232	362-140	2	359	24	957	6	5,743	5	4,786	5	4,786	
405	411-010	2	821	24	2,189	6	13,134	9	19,702	9	19,702	
406	412-010	2	1153	26	3,331	7	23,318	6	19,987	6	19,987	
407	412-020	2	374	26	1,080	7	7,563	7	7,563	7	7,563	
408	412-030	2	119	26	343	7	2,400	7	2,400	7	2,400	
409	412-040	2	576	24	1,535	6	9,209	9	13,814	9	13,814	
410	412-050	2	481	24	1,283	6	7,696	9	11,544	9	11,544	
411	412-060	2	264	24	705	6	4,230	9	6,345	9	6,345	
412	413-010	2	240	18	480	7	3,362	7	3,362	7	3,362	
413	413-020	2	804	26	2,321	7	16,249	7	16,249	7	16,249	
414	414-010	2	670	26	1,934	7	13,540	7	13,540	7	13,540	
415	414-020	2	430	26	1,244	7	8,705	7	8,705	7	8,705	
416	414-030	2	472	26	1,364	7	9,548	7	9,548	7	9,548	
417	414-040	2	424	26	1,224	7	8,570	7	8,570	7	8,570	
436	419-130	2	168	36	673	6	4,037	4	2,691	4	2,691	
437	419-140	2	434	26	1,252	6	7,514	7	8,767	7	8,767	
438	419-150	2	68	26	196	7	1,375	7	1,375	7	1,375	
439	419-160	2	272	26	785	7	5,496	7	5,496	7	5,496	
440	419-170	2	263	26	759	6	4,555	7	5,314	7	5,314	
441	419-180	2	264	26	763	6	4,576	6	4,576	6	4,576	
442	419-190	2	261	26	754	6	4,526	6	4,526	6	4,526	
443	419-200	2	295	26	852	7	5,966	6	5,114	6	5,114	
444	419-210	2	497	26	1,436	7	10,050	7	10,050	7	10,050	
458	427-010	2	718	26	2,076	6	12,453	6	12,453	6	12,453	
459	428-010	2	365	24	972	6	5,833	5	4,861	5	4,861	
460	429-010	2	1347	26	3,890	7	27,233	7	27,233	7	27,233	
461	429-020	2	318	24	849	7	5,943	6	5,094	6	5,094	
462	429-030	2	1281	24	3,415	6	20,493	5	17,077	5	17,077	
463	430-010	2	1816	24	4,843	7	33,898	5	24,213	5	24,213	
464	430-020	2	604	24	1,611	7	11,274	5	8,053	5	8,053	
465	430-030	2	1099	24	2,931	7	20,519	5	14,656	5	14,656	
474	434-010	2	1387	24	3,697	6	22,185	9	33,277	9	33,277	
475	434-020	2	1222	24	3,259	6	19,552	9	29,329	9	29,329	
476	434-030	2	341	24	910	6	5,461	9	8,192	9	8,192	
520	448-010	2	695	26	2,009	6	12,053	8	16,070	8	16,070	
521	448-020	2	407	26	1,175	6	7,050	8	9,400	8	9,400	
570	471-010	2	736	26	2,126	8	17,007	0	0	0	0	
571	471-020	2	170	26	492	7	3,441	7	3,441	7	3,441	
572	471-030	2	426	26	1,231	0	0	7	8,615	7	8,615	
587	477-010	2	251	26	725	7	5,078	7	5,078	7	5,078	
588	478-010	2	666	26	1,925	7	13,472	6	11,548	6	11,548	
604	484-010	2	611	24	1,628	6	9,771	5	8,142	5	8,142	
605	484-020	2	409	24	1,091	6	6,546	5	5,455	5	5,455	
606	484-030	2	1020	24	2,719	6	16,316	5	13,596	5	13,596	
607	484-040	2	687	24	1,832	6	10,992	5	9,160	5	9,160	
					Ave Rating PMP Area 2	157,736	6.46	1,019,567	6.41	1,011,699	6.41	1,011,699
1	301-010	3	172	26	497	8	3,975	8	3,975	8	3,975	
2	301-020	3	328	26	949	8	7,590	8	7,590	8	7,590	
3	301-030	3	183	26	528	8	4,223	8	4,223	8	4,223	
13	305-010	3	183	26	529	8	4,229	8	4,229	8	4,229	
14	305-020	3	605	26	1,746	8	13,971	8	13,971	8	13,971	
15	305-030	3	588	26	1,700	8	13,599	8	13,599	8	13,599	
19	307-010	3	497	26	1,434	7	10,041	8	11,475	8	11,475	
171	351-030	3	665	32	2,366	5	11,829	9	21,292	9	21,292	
172	351-040	3	2193	32	7,798	5	38,991	9	70,183	9	70,183	
185	353-060	3	197	44	964	8	7,715	6	5,786	6	5,786	
233	362-150	3	231	24	615	6	3,688	6	3,688	6	3,688	
234	362-160	3	2536	24	6,761	6	40,569	4	27,046	4	27,046	
235	362-170	3	2591	24	6,910	6	41,463	4	27,642	4	27,642	
243	362-175	3	570	24	1,520	0	0	0	0	0	0	
246	363-010	3	245	26	708	7	4,955	8	5,663	8	5,663	
247	363-020	3	1094	26	3,159	7	22,114	8	25,273	8	25,273	
248	363-030	3	1024	26	2,959	7	20,710	8	23,669	8	23,669	
251	365-010	3	1424	26	4,112	6	24,675	4	16,450	4	16,450	
259	367-010	3	1795	24	4,788	7	33,516	6	28,728	6	28,728	
260	367-020	3	353	24	941	7	6,588	7	6,588	7	6,588	
261	367-030	3	230	24	613	7	4,292	7	4,292	7	4,292	

262	367-040	3	146	24	389	7	2,725	6	2,336	6	2,336	
263	367-050	3	236	24	629	7	4,400	6	3,772	6	3,772	
264	367-060	3	296	26	856	7	5,992	6	5,136	6	5,136	
282	371-010	3	233	24	621	7	4,349	6	3,728	6	3,728	
283	372-010	3	1081	26	3,123	6	18,739	6	18,739	6	18,739	
284	373-010	3	1390	26	4,015	0	0	8	32,118	8	32,118	
289	376-010	3	182	26	527	7	3,686	8	4,213	8	4,213	
290	377-010	3	174	24	463	6	2,778	9	4,166	9	4,166	
291	377-020	3	1287	24	3,432	6	20,595	9	30,892	9	30,892	
292	377-030	3	279	24	743	6	4,458	9	6,687	9	6,687	
293	377-040	3	527	24	1,407	6	8,439	9	12,659	9	12,659	
313	381-010	3	500	26	1,443	7	10,102	7	10,102	7	10,102	
314	382-010	3	813	26	2,349	7	16,441	6	14,092	6	14,092	
315	382-020	3	1089	26	3,146	7	22,025	6	18,878	6	18,878	
316	382-030	3	1456	26	4,206	7	29,439	8	33,645	8	33,645	
317	382-040	3	1796	26	5,189	7	36,322	8	41,510	8	41,510	
318	382-050	3	1330	26	3,843	7	26,902	8	30,745	8	30,745	
319	382-060	3	503	26	1,454	7	10,177	8	11,631	8	11,631	
320	382-070	3	255	26	735	7	5,148	8	5,884	8	5,884	
321	383-010	3	624	26	1,803	7	12,624	8	14,427	8	14,427	
331	386-010	3	1231	26	3,555	8	28,441	8	28,441	8	28,441	
335	389-010	3	1175	26	3,394	8	27,156	8	27,156	8	27,156	
360	394-120	3	5170	38	21,829	4	87,316	10	218,289	10	218,289	
373	398-010	3	1389	26	4,012	7	28,085	5	20,061	5	20,061	
379	401-010	3	221	26	638	8	5,103	8	5,103	8	5,103	
380	401-020	3	360	26	1,040	8	8,319	8	8,319	8	8,319	
381	401-030	3	1577	26	4,555	8	36,441	8	36,441	8	36,441	
382	401-040	3	183	26	529	8	4,228	8	4,228	8	4,228	
383	401-050	3	529	26	1,529	8	12,229	8	12,229	8	12,229	
384	401-060	3	887	26	2,563	8	20,500	6	15,375	6	15,375	
385	402-010	3	341	24	909	6	5,451	9	8,177	9	8,177	
404	741-010	3	1149	0	0	0	0	0	0	0	0	
421	416-010	3	1529	26	4,417	8	35,333	8	35,333	8	35,333	
422	417-010	3	526	36	2,104	8	16,833	8	16,833	8	16,833	
466	431-010	3	474	26	1,368	8	10,944	8	10,944	8	10,944	
467	431-020	3	1870	26	5,403	8	43,225	8	43,225	8	43,225	
468	431-030	3	246	26	711	8	5,689	8	5,689	8	5,689	
469	431-040	3	390	36	1,559	8	12,475	8	12,475	8	12,475	
470	432-010	3	606	24	1,615	6	9,691	9	14,536	9	14,536	
471	432-020	3	732	24	1,953	6	11,718	9	17,577	9	17,577	
483	437-010	3	713	24	1,902	6	11,411	9	17,117	9	17,117	
484	437-020	3	417	24	1,111	6	6,668	9	10,002	9	10,002	
612	486-010	3	244	14	380	8	3,041	8	3,041	8	3,041	
613	487-010	3	1236	26	3,570	0	0	10	35,700	10	35,700	
614	487-020	3	898	26	2,596	0	0	10	25,956	10	25,956	
615	488-010	3	1561	24	4,162	4	16,647	2	8,324	2	8,324	
616	488-020	3	542	24	1,445	4	5,779	3	4,335	3	4,335	
617	488-030	3	583	26	1,684	4	6,737	10	16,842	10	16,842	
			Ave Rating PMP Area 3			172,503	5.93	1,023,535	7.49	1,292,471	7.49	1,292,471
16	734-010	4	251	0	0	0	0	0	0	0	0	
17	306-010	4	1166	36	4,662	7	32,636	6	27,973	6	27,973	
18	306-020	4	924	36	3,694	7	25,858	6	22,164	6	22,164	
22	310-010	4	358	48	1,912	8	15,292	6	11,469	6	11,469	
23	310-020	4	224	56	1,392	7	9,745	4	5,568	4	5,568	
24	310-030	4	418	56	2,603	6	15,615	4	10,410	4	10,410	
25	310-040	4	612	56	3,808	0	0	4	15,232	4	15,232	
73	329-010	4	74	36	295	8	2,362	6	1,771	6	1,771	
74	329-020	4	410	36	1,641	8	13,130	6	9,847	6	9,847	
107	334-210	4	200	44	978	8	7,825	6	5,869	6	5,869	
108	334-220	4	961	44	4,698	8	37,585	6	28,188	6	28,188	
118	337-010	4	644	36	2,574	5	12,871	9	23,168	9	23,168	
119	337-020	4	360	36	1,440	6	8,640	9	12,960	9	12,960	
120	337-030	4	345	36	1,381	7	9,667	9	12,429	9	12,429	
147	344-010	4	1045	36	4,178	5	20,891	9	37,604	9	37,604	
148	344-020	4	500	32	1,779	4	7,115	9	16,008	9	16,008	
150	344-040	4	2842	32	10,103	5	50,517	9	90,930	9	90,930	
155	737-090	4	2666	24	7,110	0	0	10	71,102	10	71,102	

156	345-010	4	1169	36	4,677	6	28,063	6	28,063	6	28,063
173	351-050	4	472	36	1,888	4	7,551	8	15,101	8	15,101
174	351-060	4	1530	36	6,119	6	36,716	8	48,955	8	48,955
175	351-070	4	1135	36	4,538	7	31,766	8	36,304	8	36,304
176	351-080	4	1914	36	7,656	8	61,245	6	45,933	6	45,933
177	351-090	4	12	36	48	8	384	6	288	6	288
178	351-100	4	2203	36	8,814	8	70,510	6	52,883	6	52,883
236	362-180	4	712	32	2,531	6	15,187	5	12,656	5	12,656
237	362-190	4	426	32	1,515	6	9,089	5	7,574	5	7,574
238	362-200	4	195	24	520	6	3,120	5	2,600	5	2,600
239	362-210	4	626	24	1,668	4	6,672	2	3,336	2	3,336
240	362-220	4	603	24	1,608	6	9,649	9	14,473	9	14,473
241	362-230	4	172	24	459	5	2,293	9	4,127	9	4,127
242	362-240	4	272	24	726	7	5,082	8	5,808	8	5,808
449	421-010	4	742	44	3,629	8	29,031	6	21,773	6	21,773
450	421-020	4	549	48	2,930	8	23,438	5	14,649	5	14,649
451	421-030	4	458	48	2,444	8	19,554	6	14,665	6	14,665
507	499-010	4	465	26	1,343	0	0	10	13,426	10	13,426
527	451-010	4	238	52	1,375	7	9,626	7	9,626	7	9,626
560	464-010	4	665	36	2,659	8	21,269	6	15,952	6	15,952
608	485-010	4	462	36	1,850	7	12,949	6	11,100	6	11,100
609	485-020	4	162	36	649	7	4,544	6	3,895	6	3,895
610	485-030	4	823	26	2,377	0	0	10	23,766	10	23,766
			Ave Rating PMP Area 4		116,270	5.83	677,484	6.96	809,646	6.96	809,646
11	733-010	5	552	26	1,595	0	0	6	9,569	6	9,569
12	733-020	5	364	26	1,052	0	0	6	6,309	6	6,309
21	309-010	5	604	26	1,744	6	10,464	5	8,720	5	8,720
28	313-010	5	910	36	3,639	7	25,475	8	29,114	8	29,114
29	313-020	5	1347	36	5,388	8	43,107	8	43,107	8	43,107
30	314-010	5	595	26	1,720	7	12,037	7	12,037	7	12,037
36	318-010	5	1019	26	2,945	8	23,560	7	20,615	7	20,615
53	326-010	5	337	36	1,350	8	10,798	8	10,798	8	10,798
116	336-010	5	257	36	1,026	8	8,211	8	8,211	8	8,211
117	336-020	5	271	36	1,082	8	8,659	7	7,576	7	7,576
157	346-010	5	703	44	3,438	7	24,065	8	27,503	8	27,503
158	346-020	5	366	44	1,787	8	14,298	8	14,298	8	14,298
159	346-030	5	413	36	1,654	6	9,924	4	6,616	4	6,616
160	346-040	5	1329	36	5,314	6	31,885	5	26,571	5	26,571
163	348-010	5	1358	56	8,447	7	59,131	6	50,684	6	50,684
164	348-020	5	410	44	2,004	7	14,025	6	12,021	6	12,021
180	353-010	5	579	44	2,831	5	14,153	9	25,475	9	25,475
181	353-020	5	657	44	3,212	5	16,059	9	28,906	9	28,906
182	353-030	5	976	44	4,772	5	23,859	9	42,945	9	42,945
183	353-040	5	145	44	711	5	3,553	9	6,395	9	6,395
184	353-050	5	186	44	908	8	7,265	5	4,540	5	4,540
186	354-010	5	681	36	2,726	7	19,080	7	19,080	7	19,080
244	752-010	5	311	40	1,382	0	0	10	13,822	10	13,822
245	752-020	5	1270	0	0	0	0	0	0	0	0
254	366-030	5	1683	24	4,488	5	22,442	5	22,442	5	22,442
255	366-040	5	161	24	430	5	2,152	5	2,152	5	2,152
256	366-050	5	596	24	1,590	5	7,950	5	7,950	5	7,950
257	366-060	5	2120	24	5,652	5	28,261	5	28,261	5	28,261
258	366-070	5	1527	24	4,072	5	20,358	9	36,644	9	36,644
277	370-010	5	1167	36	4,669	8	37,354	6	28,015	6	28,015
278	370-020	5	286	36	1,142	6	6,855	6	6,855	6	6,855
279	370-030	5	374	36	1,497	6	8,980	6	8,980	6	8,980
280	370-040	5	373	36	1,490	5	7,450	5	7,450	5	7,450
281	370-050	5	687	36	2,749	7	19,244	7	19,244	7	19,244
294	378-010	5	574	26	1,658	8	13,261	7	11,604	7	11,604
295	378-020	5	555	24	1,481	5	7,405	5	7,405	5	7,405
296	378-030	5	1059	44	5,179	5	25,897	5	25,897	5	25,897
297	378-040	5	484	65	3,495	5	17,474	9	31,454	9	31,454
298	378-050	5	1014	65	7,322	5	36,609	9	65,897	9	65,897
300	379-010	5	181	36	724	7	5,067	7	5,067	7	5,067
301	379-020	5	926	36	3,706	6	22,235	5	18,529	5	18,529
322	384-010	5	724	24	1,930	6	11,580	6	11,580	6	11,580
323	384-020	5	804	24	2,144	7	15,009	6	12,865	6	12,865

324	384-030	5	602	26	1,740	7	12,180	7	12,180	7	12,180	
325	384-040	5	176	26	508	7	3,553	6	3,045	6	3,045	
326	384-050	5	1183	26	3,416	7	23,914	6	20,498	6	20,498	
327	385-010	5	1369	44	6,692	10	66,921	7	46,845	7	46,845	
328	385-020	5	1260	44	6,160	8	49,277	6	36,958	6	36,958	
329	385-030	5	662	44	3,235	7	22,642	6	19,408	6	19,408	
330	385-040	5	990	44	4,839	7	33,874	6	29,034	6	29,034	
332	387-010	5	376	36	1,503	8	12,027	6	9,021	6	9,021	
333	348-030	5	1468	44	7,176	7	50,232	6	43,056	6	43,056	
334	388-010	5	659	36	2,637	8	21,093	6	15,819	6	15,819	
336	390-010	5	936	26	2,705	8	21,641	7	18,936	7	18,936	
337	390-020	5	922	26	2,665	8	21,318	7	18,653	7	18,653	
343	393-010	5	570	36	2,282	7	15,972	8	18,254	8	18,254	
344	393-020	5	1594	36	6,377	7	44,638	8	51,015	8	51,015	
345	393-030	5	1414	36	5,654	6	33,927	8	45,236	8	45,236	
346	393-040	5	808	36	3,233	5	16,165	2	6,466	2	6,466	
347	393-050	5	2665	36	10,660	6	63,960	2	21,320	2	21,320	
364	397-010	5	541	44	2,646	10	26,464	8	21,171	8	21,171	
365	397-020	5	431	44	2,109	8	16,870	8	16,870	8	16,870	
366	397-030	5	257	44	1,255	7	8,788	8	10,044	8	10,044	
367	397-040	5	1804	44	8,819	7	61,735	8	70,554	8	70,554	
368	397-050	5	327	36	1,309	7	9,162	6	7,853	6	7,853	
369	397-060	5	256	36	1,023	7	7,162	7	7,162	7	7,162	
370	397-070	5	638	36	2,554	7	17,876	7	17,876	7	17,876	
371	739-080	5	1527	45	7,633	0	0	10	76,332	10	76,332	
561	465-010	5	477	26	1,377	8	11,013	7	9,637	7	9,637	
562	466-010	5	2371	24	6,323	7	44,262	5	31,615	5	31,615	
			Ave Rating PMP Area 5			222,675	6.34	1,411,861	6.64	1,478,067	6.64	1,478,067
48	490-010	6	662	0	0	0	0	0	0	0	0	
49	325-010	6	1966	24	5,242	5	26,209	3	15,725	3	15,725	
50	325-020	6	2242	24	5,979	5	29,893	4	23,915	4	23,915	
51	491-010	6	583	26	1,685	0	0	0	0	0	0	
52	491-020	6	509	26	1,470	0	0	0	0	0	0	
84	331-010	6	1364	26	3,940	7	27,578	5	19,699	5	19,699	
165	349-010	6	921	24	2,456	3	7,369	2	4,913	2	4,913	
166	349-020	6	812	24	2,166	3	6,499	2	4,333	2	4,333	
167	350-010	6	671	24	1,790	3	5,371	2	3,581	2	3,581	
168	350-020	6	1457	24	3,884	3	11,652	2	7,768	2	7,768	
266	369-010	6	320	24	852	6	5,113	5	4,261	5	4,261	
267	369-020	6	460	24	1,227	6	7,364	5	6,137	5	6,137	
268	369-030	6	889	24	2,372	6	14,231	5	11,859	5	11,859	
269	369-040	6	1770	24	4,720	6	28,321	4	18,881	4	18,881	
270	369-060	6	1504	24	4,009	6	24,057	5	20,047	5	20,047	
271	369-070	6	768	24	2,047	4	8,187	3	6,141	3	6,141	
272	369-080	6	813	24	2,167	4	8,669	3	6,502	3	6,502	
273	369-090	6	328	24	874	4	3,495	3	2,621	3	2,621	
274	369-100	6	488	24	1,300	4	5,200	3	3,900	3	3,900	
275	369-110	6	267	24	712	4	2,848	3	2,136	3	2,136	
276	369-120	6	981	24	2,615	4	10,460	3	7,845	3	7,845	
285	374-010	6	897	26	2,591	7	18,134	5	12,953	5	12,953	
286	374-020	6	513	26	1,482	6	8,895	5	7,412	5	7,412	
287	374-030	6	47	26	137	6	821	5	684	5	684	
288	374-040	6	194	0	0	0	0	0	0	0	0	
362	396-010	6	511	26	1,476	7	10,335	7	10,335	7	10,335	
363	396-020	6	891	26	2,574	7	18,020	7	18,020	7	18,020	
372	739-090	6	1760	45	8,801	0	0	10	88,014	10	88,014	
374	399-010	6	1412	28	4,394	7	30,759	6	26,365	6	26,365	
375	399-020	6	1145	28	3,561	7	24,926	6	21,365	6	21,365	
376	399-030	6	604	28	1,880	7	13,158	6	11,278	6	11,278	
377	399-040	6	568	28	1,766	7	12,360	7	12,360	7	12,360	
390	404-010	6	307	26	886	7	6,202	6	5,316	6	5,316	
391	405-010	6	369	26	1,066	7	7,460	7	7,460	7	7,460	
392	405-020	6	297	26	857	7	5,996	7	5,996	7	5,996	
393	405-030	6	687	26	1,983	7	13,884	7	13,884	7	13,884	
399	407-010	6	320	26	924	7	6,465	7	6,465	7	6,465	
400	408-010	6	635	26	1,834	7	12,838	6	11,004	6	11,004	
445	420-010	6	872	26	2,520	7	17,637	7	17,637	7	17,637	

446	420-020	6	270	26	780	7	5,458	7	5,458	7	5,458	
447	420-030	6	227	26	656	7	4,595	7	4,595	7	4,595	
448	420-040	6	635	26	1,835	7	12,845	7	12,845	7	12,845	
456	425-010	6	858	26	2,479	6	14,873	5	12,395	5	12,395	
457	426-010	6	859	26	2,480	6	14,881	5	12,401	5	12,401	
472	433-010	6	22	26	63	7	439	6	376	6	376	
473	433-020	6	324	26	936	7	6,555	6	5,619	6	5,619	
477	435-010	6	199	26	574	7	4,016	7	4,016	7	4,016	
478	435-020	6	369	26	1,066	7	7,461	7	7,461	7	7,461	
479	435-030	6	374	26	1,080	7	7,560	7	7,560	7	7,560	
480	435-040	6	247	26	713	7	4,989	7	4,989	7	4,989	
481	435-050	6	715	26	2,064	7	14,450	7	14,450	7	14,450	
485	438-010	6	742	26	2,143	6	12,859	5	10,716	5	10,716	
486	439-010	6	536	26	1,550	6	9,297	5	7,748	5	7,748	
511	443-010	6	1012	26	2,923	8	23,381	7	20,458	7	20,458	
512	444-010	6	628	24	1,675	5	8,377	4	6,702	4	6,702	
535	453-010	6	445	26	1,285	7	8,992	7	8,992	7	8,992	
536	453-020	6	810	26	2,340	7	16,380	7	16,380	7	16,380	
545	456-010	6	949	26	2,741	7	19,188	7	19,188	7	19,188	
549	459-010	6	407	28	1,268	6	7,606	5	6,338	5	6,338	
550	459-020	6	703	28	2,187	7	15,307	6	13,120	6	13,120	
552	461-010	6	716	24	1,909	6	11,452	6	11,452	6	11,452	
564	468-010	6	485	24	1,293	2	2,585	2	2,585	2	2,585	
565	469-010	6	1010	24	2,694	4	10,778	3	8,083	3	8,083	
566	469-020	6	938	24	2,502	3	7,506	3	7,506	3	7,506	
567	469-030	6	1091	24	2,909	3	8,728	2	5,818	2	5,818	
568	469-040	6	397	24	1,058	2	2,117	2	2,117	2	2,117	
569	470-010	6	613	26	1,770	6	10,619	6	10,619	6	10,619	
575	473-010	6	637	24	1,698	5	8,489	4	6,791	4	6,791	
576	473-020	6	869	24	2,318	5	11,588	4	9,270	4	9,270	
577	473-030	6	1040	24	2,773	5	13,866	4	11,093	4	11,093	
578	473-040	6	520	24	1,386	5	6,930	4	5,544	4	5,544	
579	473-050	6	1253	24	3,342	5	16,712	3	10,027	3	10,027	
			Ave Rating PMP Area 6			148,729	5.19	771,289	4.97	739,526	4.97	739,526
7	303-010	7	1175	24	3,133	6	18,800	9	28,200	9	28,200	
8	303-020	7	703	24	1,874	6	11,243	9	16,864	9	16,864	
9	303-030	7	280	24	746	6	4,473	9	6,710	9	6,710	
31	315-010	7	554	24	1,478	6	8,867	9	13,301	9	13,301	
32	315-020	7	785	24	2,093	6	12,557	9	18,836	9	18,836	
37	319-010	7	890	24	2,374	6	14,242	6	14,242	6	14,242	
38	320-010	7	814	24	2,170	6	13,019	9	19,528	9	19,528	
39	320-020	7	917	24	2,444	6	14,666	9	21,999	9	21,999	
40	320-030	7	956	24	2,548	6	15,288	9	22,933	9	22,933	
41	320-040	7	758	24	2,022	6	12,131	9	18,196	9	18,196	
42	321-010	7	385	26	1,111	0	0	10	11,113	10	11,113	
43	321-020	7	1248	26	3,606	0	0	10	36,061	10	36,061	
44	321-030	7	935	24	2,493	6	14,958	9	22,438	9	22,438	
67	328-010	7	519	24	1,385	6	8,312	9	12,467	9	12,467	
68	328-020	7	564	24	1,504	6	9,026	9	13,539	9	13,539	
69	328-030	7	373	24	994	6	5,967	9	8,950	9	8,950	
70	328-040	7	570	24	1,519	6	9,112	9	13,668	9	13,668	
71	328-050	7	967	24	2,579	6	15,471	9	23,207	9	23,207	
72	328-060	7	313	24	834	6	5,001	9	7,502	9	7,502	
249	364-010	7	503	24	1,341	6	8,046	9	12,069	9	12,069	
250	364-020	7	473	24	1,262	6	7,571	9	11,356	9	11,356	
252	366-010	7	254	24	678	6	4,069	6	4,069	6	4,069	
253	366-020	7	3755	24	10,014	5	50,069	5	50,069	5	50,069	
341	392-010	7	432	36	1,729	9	15,563	8	13,834	8	13,834	
342	392-020	7	280	36	1,120	9	10,077	10	11,196	10	11,196	
361	395-010	7	603	36	2,410	6	14,461	7	16,871	7	16,871	
378	400-010	7	496	26	1,432	6	8,592	7	10,023	7	10,023	
386	403-010	7	574	26	1,657	6	9,941	5	8,284	5	8,284	
387	403-020	7	983	26	2,840	6	17,040	5	14,200	5	14,200	
388	740-010	7	352	0	0	0	0	0	0	0	0	
389	740-020	7	547	0	0	0	0	0	0	0	0	
394	406-010	7	184	26	531	7	3,720	7	3,720	7	3,720	
395	406-020	7	564	26	1,629	7	11,405	7	11,405	7	11,405	

396	406-030	7	483	26	1,396	7	9,774	7	9,774	7	9,774	
397	406-040	7	185	26	534	7	3,739	6	3,205	6	3,205	
398	406-050	7	182	26	526	7	3,684	7	3,684	7	3,684	
418	415-010	7	1063	26	3,070	6	18,419	7	21,489	7	21,489	
419	415-020	7	580	26	1,675	6	10,052	6	10,052	6	10,052	
420	415-030	7	738	26	2,133	6	12,797	6	12,797	6	12,797	
423	418-010	7	660	26	1,907	6	11,442	6	11,442	6	11,442	
424	419-010	7	3244	44	15,860	6	95,159	6	95,159	6	95,159	
452	422-010	7	1100	26	3,177	6	19,065	6	19,065	6	19,065	
482	436-010	7	1375	24	3,666	6	21,995	6	21,995	6	21,995	
506	743-010	7	548	0	0	0	0	0	0	0	0	
513	445-010	7	3394	24	9,051	6	54,304	6	54,304	6	54,304	
514	445-020	7	759	24	2,024	7	14,168	7	14,168	7	14,168	
515	445-030	7	284	24	757	7	5,296	7	5,296	7	5,296	
516	445-040	7	847	24	2,258	6	13,546	6	13,546	6	13,546	
517	445-050	7	954	24	2,545	6	15,270	6	15,270	6	15,270	
518	446-010	7	346	26	1,000	7	7,000	7	7,000	7	7,000	
519	447-010	7	339	26	979	7	6,855	7	6,855	7	6,855	
523	450-010	7	547	26	1,580	8	12,643	7	11,062	7	11,062	
524	450-020	7	192	26	553	8	4,427	7	3,873	7	3,873	
525	450-030	7	287	26	829	7	5,804	7	5,804	7	5,804	
526	450-040	7	615	26	1,777	7	12,441	7	12,441	7	12,441	
551	460-010	7	705	26	2,038	7	14,264	7	14,264	7	14,264	
553	462-010	7	701	26	2,025	6	12,151	6	12,151	6	12,151	
554	463-010	7	293	26	846	6	5,079	6	5,079	6	5,079	
555	463-020	7	442	26	1,278	6	7,668	6	7,668	6	7,668	
556	463-030	7	577	26	1,668	6	10,008	6	10,008	6	10,008	
557	463-040	7	649	26	1,875	6	11,249	5	9,374	5	9,374	
558	463-050	7	300	24	800	6	4,800	6	4,800	6	4,800	
559	463-060	7	579	24	1,543	6	9,261	6	9,261	6	9,261	
573	472-010	7	790	26	2,281	8	18,249	7	15,968	7	15,968	
574	472-020	7	1010	26	2,919	8	23,350	7	20,431	7	20,431	
580	474-010	7	879	26	2,540	7	17,777	7	17,777	7	17,777	
581	474-020	7	701	26	2,024	7	14,167	7	14,167	7	14,167	
582	474-030	7	466	24	1,241	6	7,448	9	11,173	9	11,173	
583	474-040	7	467	24	1,245	6	7,468	9	11,203	9	11,203	
584	474-050	7	462	0	0	0	0	0	0	0	0	
589	479-010	7	848	26	2,450	7	17,150	7	17,150	7	17,150	
590	479-020	7	614	26	1,772	7	12,407	7	12,407	7	12,407	
591	479-030	7	1900	26	5,488	7	38,418	7	38,418	7	38,418	
592	479-040	7	214	26	619	7	4,333	7	4,333	7	4,333	
593	480-010	7	931	36	3,722	9	33,498	7	26,054	7	26,054	
600	483-010	7	483	24	1,287	6	7,721	6	7,721	6	7,721	
601	483-020	7	479	24	1,277	6	7,665	6	7,665	6	7,665	
602	483-030	7	914	24	2,438	6	14,626	6	14,626	6	14,626	
603	483-040	7	765	26	2,210	6	13,259	6	13,259	6	13,259	
631	489-010	7	487	24	1,299	7	9,092	7	9,092	7	9,092	
					Ave Rating PMP Area 7	167,733	6.16	1,032,674	6.97	1,169,181	6.97	1,169,181
					Ave Local Street Rating	1,141,584	6.11	6,974,550	6.57	7,496,542	6.57	7,496,542

MSA STREETS											
488	440-020	1	79	36	317	6	1,901	5	1,584	5	1,584
489	440-030	1	107	34	405	6	2,431	5	2,026	5	2,026
490	440-040	1	645	34	2,438	5	12,189	5	12,189	5	12,189
491	440-050	1	506	34	1,913	6	11,478	5	9,565	5	9,565
492	440-060	1	1583	34	5,978	6	35,871	5	29,892	5	29,892
493	440-070	1	113	34	427	6	2,561	5	2,134	5	2,134
494	440-080	1	1508	34	5,698	6	34,187	5	28,489	5	28,489
495	440-090	1	459	34	1,735	6	10,413	4	6,942	4	6,942
496	440-100	1	334	34	1,260	6	7,562	4	5,041	4	5,041
			Ave Rating PMP Area 1		20,172	5.88	118,591	4.85	97,862	4.85	97,862
91	334-050	2	2683	40	11,925	8	95,402	7	83,477	7	83,477
92	334-060	2	387	40	1,720	7	12,040	7	12,040	7	12,040
93	334-070	2	1072	40	4,766	7	33,360	7	33,360	7	33,360
94	334-080	2	566	40	2,516	7	17,609	7	17,609	7	17,609
95	334-090	2	932	40	4,144	7	29,005	7	29,005	7	29,005
350	394-020	2	214	36	855	6	5,128	10	8,547	10	8,547
351	394-030	2	226	36	906	5	4,529	10	9,058	10	9,058
352	394-040	2	839	36	3,356	4	13,424	10	33,560	10	33,560
353	394-050	2	377	36	1,508	5	7,541	10	15,082	10	15,082
354	394-060	2	416	36	1,665	5	8,324	10	16,647	10	16,647
355	394-070	2	1485	40	6,600	7	46,203	6	39,602	6	39,602
356	394-080	2	252	40	1,120	7	7,842	7	7,842	7	7,842
357	394-090	2	270	40	1,200	7	8,400	7	8,400	7	8,400
358	394-100	2	637	40	2,831	7	19,818	7	19,818	7	19,818
497	440-110	2	1524	34	5,756	6	34,539	5	28,782	5	28,782
498	440-120	2	1545	34	5,836	6	35,018	5	29,182	5	29,182
499	440-130	2	568	34	2,146	6	12,874	5	10,728	5	10,728
			Ave Rating PMP Area 2		58,850	6.64	391,055	6.84	402,739	6.84	402,739
96	334-100	3	1360	40	6,043	7	42,299	6	36,256	6	36,256
97	334-110	3	412	40	1,832	7	12,827	6	10,995	6	10,995
98	334-120	3	709	40	3,150	7	22,048	6	18,899	6	18,899
99	334-130	3	373	40	1,658	7	11,605	6	9,947	6	9,947
100	334-140	3	1147	40	5,097	7	35,682	6	30,584	6	30,584
101	334-150	3	450	40	2,001	7	14,004	6	12,004	6	12,004
102	334-160	3	1220	40	5,422	7	37,955	6	32,533	6	32,533
169	351-010	3	1640	36	6,560	5	32,800	9	59,040	9	59,040
170	351-020	3	1176	32	4,182	5	20,911	9	37,640	9	37,640
198	358-030	3	270	34	1,020	5	5,098	4	4,078	4	4,078
199	358-040	3	1268	34	4,789	6	28,734	4	19,156	4	19,156
200	358-050	3	825	34	3,117	5	15,586	4	12,469	4	12,469
201	358-060	3	457	34	1,727	6	10,362	4	6,908	4	6,908
202	358-070	3	315	34	1,189	6	7,136	3	3,568	3	3,568
203	358-080	3	674	34	2,545	6	15,270	3	7,635	3	7,635
204	358-090	3	767	34	2,896	6	17,379	3	8,689	3	8,689
205	358-100	3	363	34	1,371	4	5,484	3	4,113	3	4,113
206	358-110	3	399	65	2,882	5	14,411	3	8,647	3	8,647
359	394-110	3	2748	40	12,213	7	85,494	7	85,494	7	85,494
618	488-040	3	840	24	2,240	4	8,959	10	22,398	10	22,398
619	488-050	3	329	24	877	4	3,509	10	8,773	10	8,773
620	488-060	3	1179	24	3,145	4	12,580	10	31,451	10	31,451
621	488-070	3	596	24	1,589	4	6,357	10	15,892	10	15,892
622	488-080	3	641	24	1,709	4	6,838	10	17,094	10	17,094
623	488-090	3	717	24	1,912	4	7,648	10	19,121	10	19,121
624	488-100	3	324	44	1,586	7	11,104	6	9,518	6	9,518
625	488-110	3	417	44	2,040	7	14,282	6	12,242	6	12,242
626	488-120	3	263	44	1,287	7	9,009	4	5,148	4	5,148
			Ave Rating PMP Area 3		86,082	5.99	515,372	6.39	550,291	6.39	550,291
105	334-190	4	440	44	2,150	5	10,750	10	21,499	10	21,499
106	334-200	4	476	44	2,329	6	13,974	10	23,290	10	23,290
135	341-060	4	390	24	1,041	5	5,205	5	5,205	5	5,205
136	341-070	4	2732	72	21,855	8	174,837	7	152,983	7	152,983
137	341-080	4	1193	72	9,541	8	76,331	7	66,789	7	66,789
149	344-030	4	1190	32	4,232	5	21,161	9	38,089	9	38,089
151	344-050	4	374	36	1,496	4	5,984	9	13,464	9	13,464

152	344-060	4	93	36	371	4	1,483	9	3,337	9	3,337
153	344-070	4	949	36	3,797	7	26,581	8	30,378	8	30,378
154	344-080	4	1318	36	5,272	3	15,817	10	52,724	10	52,724
208	358-130	4	253	65	1,830	6	10,977	4	7,318	4	7,318
209	358-140	4	989	44	4,834	4	19,337	3	14,503	3	14,503
210	358-150	4	417	44	2,039	4	8,155	4	8,155	4	8,155
211	358-160	4	907	44	4,433	4	17,733	4	17,733	4	17,733
212	358-170	4	1037	40	4,608	4	18,431	10	46,077	10	46,077
213	358-180	4	789	40	3,508	4	14,032	10	35,081	10	35,081
214	358-190	4	644	36	2,577	4	10,307	10	25,768	10	25,768
215	358-200	4	837	44	4,092	5	20,460	10	40,919	10	40,919
303	380-020	4	147	36	587	6	3,522	5	2,935	5	2,935
304	380-030	4	640	36	2,559	6	15,355	5	12,796	5	12,796
305	380-040	4	997	38	4,210	5	21,051	10	42,101	10	42,101
306	380-050	4	434	38	1,834	6	11,005	10	18,342	10	18,342
307	380-060	4	66	38	279	4	1,118	10	2,794	10	2,794
308	380-070	4	502	24	1,339	8	10,712	10	13,390	10	13,390
309	380-080	4	694	24	1,851	4	7,404	10	18,511	10	18,511
310	380-090	4	948	24	2,527	5	12,635	10	25,271	10	25,271
311	380-100	4	52	24	140	5	698	10	1,396	10	1,396
312	380-110	4	1756	36	7,024	6	42,144	10	70,240	10	70,240
529	451-030	4	215	39	931	8	7,450	10	9,312	10	9,312
530	451-040	4	534	36	2,135	3	6,404	10	21,348	10	21,348
531	451-050	4	505	36	2,021	5	10,103	10	20,205	10	20,205
599	482-010	4	1180	24	3,146	5	15,728	3	9,437	3	9,437
628	488-140	4	257	44	1,257	6	7,544	4	5,029	4	5,029
629	488-150	4	804	36	3,217	6	19,303	10	32,171	10	32,171
630	751-160	4	1117	0	0	0	0	0	0	0	0
				Ave Rating PMP Area 4	115,062	5.77	663,730	7.90	908,590	7.90	908,590
109	335-010	5	448	65	3,233	5	16,166	4	12,933	4	12,933
110	335-020	5	303	65	2,191	5	10,956	4	8,765	4	8,765
111	335-030	5	974	65	7,036	5	35,178	3	21,107	3	21,107
112	335-040	5	1031	65	7,443	5	37,214	3	22,329	3	22,329
113	335-050	5	668	65	4,823	6	28,940	6	28,940	6	28,940
114	335-060	5	976	65	7,049	6	42,292	6	42,292	6	42,292
115	335-070	5	1036	65	7,481	10	74,811	6	44,887	6	44,887
130	341-010	5	846	44	4,135	7	28,947	6	24,812	6	24,812
131	341-020	5	754	44	3,686	7	25,801	6	22,115	6	22,115
132	341-030	5	338	26	976	5	4,880	4	3,904	4	3,904
133	341-040	5	382	26	1,102	5	5,512	5	5,512	5	5,512
134	341-050	5	940	24	2,506	5	12,531	4	10,025	4	10,025
138	736-090	5	849	0	0	0	0	0	0	0	0
191	357-010	5	105	24	281	6	1,685	5	1,404	5	1,404
192	357-020	5	2502	24	6,672	7	46,705	5	33,361	5	33,361
193	357-030	5	55	24	145	10	1,454	5	727	5	727
194	357-040	5	572	44	2,795	7	19,563	6	16,769	6	16,769
195	357-050	5	1205	36	4,819	7	33,735	6	28,916	6	28,916
				Ave Rating PMP Area 5	66,374	6.42	426,371	4.95	328,796	4.95	328,796
				Ave Rating PMP Area 6	0	0	0	0	0	0	0
425	419-020	7	1341	36	5,366	5	26,828	5	26,828	5	26,828
426	419-030	7	389	36	1,555	5	7,776	5	7,776	5	7,776
427	419-040	7	1068	36	4,274	5	21,368	5	21,368	5	21,368
428	419-050	7	467	36	1,866	5	9,332	5	9,332	5	9,332
429	419-060	7	446	36	1,786	5	8,928	5	8,928	5	8,928
430	419-070	7	635	36	2,538	5	12,690	5	12,690	5	12,690
431	419-080	7	636	36	2,544	5	12,719	5	12,719	5	12,719
432	419-090	7	319	36	1,277	5	6,385	4	5,108	4	5,108
433	419-100	7	243	36	973	5	4,866	4	3,893	4	3,893
434	419-110	7	279	32	991	6	5,946	5	4,955	5	4,955
				Ave Rating PMP Area 7	23,170	5.04	116,840	4.90	113,599	4.90	113,599
				Ave MSA Rating	369,709	6.04	2,231,959	6.50	2,401,877	6.50	2,401,877
				Ave Citywide Rating	1,511,293	6.09	9,206,509	6.55	9,898,419	6.55	9,898,419

Pavement Rating Information

City of Baxter

Created - March 16, 2016

Last Update - September 20, 2016

Summary Table						
Street	Area	2013 Ave		2016 Ave		Current Ave
Local	1	6.66		6.39		6.39
Local	2	6.46		6.41		6.41
Local	3	5.93		7.49		7.49
Local	4	5.83		6.96		6.96
Local	5	6.34		6.64		6.64
Local	6	5.19		4.97		4.97
Local	7	6.16		6.97		6.97
	Ave	6.11		6.57		6.57
MSA	1	5.88		4.85		4.85
MSA	2	6.64		6.84		6.84
MSA	3	5.99		6.39		6.39
MSA	4	5.77		7.90		7.90
MSA	5	6.42		4.95		4.95
MSA	6					
MSA	7	5.04		4.90		4.90
	Ave	6.04		6.50		6.50
Citywide	Ave	6.09		6.55		6.55

Street PMP and CIP
(Proposed 2017)
July 12, 2016

GIS Identifier	Full Road Name	Map Book ID	PMP Mgmt Area	Last Year Sealcoated	2016 PASER Rating	Proposed Sealcoat Year	2017 Sealcoat Projects	Comments
306-010	ALDUBON WAY	A4	4		6	2017	\$ 10,490	
306-020	AUDUBON WAY	A4/B4	4		6	2017	\$ 8,312	
310-010	BAXTER DR	C5	4		6	2017	\$ 4,301	
329-010	CHARLES ST	C5	4		6	2017	\$ 664	
329-020	CHARLES ST	C5	4		6	2017	\$ 3,693	
334-190	CLEARWATER RD	C4	4		10	2017	\$ 4,837	
334-200	CLEARWATER RD	C4	4		10	2017	\$ 5,240	
334-210	CLEARWATER RD	C4	4		6	2017	\$ 2,201	
334-220	CLEARWATER RD	C4	4		6	2017	\$ 10,571	
337-010	CONSERVATION DR	C5	4		9	2017	\$ 5,792	
337-020	CONSERVATION DR	C5	4		9	2017	\$ 3,240	
337-030	CONSERVATION DR	C5	4		9	2017	\$ 3,107	
341-070	CYPRESS DR	C4	4		7	2017	\$ 49,173	
341-080	CYPRESS DR	C4	4		7	2017	\$ 21,468	
344-010	DELLWOOD DR	C4	4		9	2017	\$ 9,401	
344-020	DELLWOOD DR	C4	4		9	2017	\$ 4,002	
344-030	DELLWOOD DR	C4	4		9	2017	\$ 9,522	
344-040	DELLWOOD DR	B4/C4	4		9	2017	\$ 22,733	
344-050	DELLWOOD DR	B4	4		9	2017	\$ 3,366	
344-060	DELLWOOD DR	B4	4		9	2017	\$ 11,663	
344-080	DELLWOOD DR	B4	4		10	2017	\$ 15,258	
344-090	DELLWOOD DR	B4	4		10	2017	\$ 5,243	
344-100	DELLWOOD DR	A4/B4	4		10	2017	\$ 14,249	
351-030	EDGEWOOD DR	C4	3		6	2017	\$ 17,225	
351-040	EDGEWOOD DR	C4	3		6	2017	\$ 19,831	
351-050	EDGEWOOD DR	B4/C4	3		10	2017	\$ 10,967	
351-060	EDGEWOOD DR	B4	4		6	2017	\$ 7,843	
351-080	EDGEWOOD DR	B4	4		6	2017	\$ 5,788	
351-090	EDGEWOOD DR	A3/B3/B4	4		6	2017	\$ 9,207	
351-100	EDGEWOOD DR	A3	4		6	2017	\$ 3,618	
358-170	EXCELSIOR RD	C4	4		10	2017	\$ 1,032	
358-180	EXCELSIOR RD	C5	4		10	2017	\$ 9,473	
358-200	EXCELSIOR RD	C5	4		10	2017	\$ 9,473	
358-220	EXCELSIOR RD	C5	4		9	2017	\$ 1,032	
362-230	FARVIEW RD	C5	4		9	2017	\$ 9,473	
365-040	GOLF COURSE DR	C4	4		10	2017	\$ 4,127	
365-050	GOLF COURSE DR	C4	4		10	2017	\$ 629	
365-060	GOLF COURSE DR	C4	4		10	2017	\$ 3,013	
365-070	GOLF COURSE DR	C4	4		10	2017	\$ 4,165	
365-080	GOLF COURSE DR	C4	4		10	2017	\$ 5,886	
365-090	GOLF COURSE DR	C4	4		10	2017	\$ 314	
365-100	GOLF COURSE DR	B4/C4	4		10	2017	\$ 15,804	
421-010	LAKE FOREST RD	B3	4		6	2017	\$ 8,165	
421-020	LAKE FOREST RD	A3/B3	4		5	2017	\$ 6,592	
421-030	LAKE FOREST RD	A3	4		6	2017	\$ 5,499	
498-010	MERTENS DR	B4	4		10	2017	\$ 3,021	New Construction 2016
451-010	NOVOTNY RD	B4	4		7	2017	\$ 3,094	
451-030	NOVOTNY RD	B4	4		10	2017	\$ 2,095	
451-040	NOVOTNY RD	B4	4		10	2017	\$ 4,803	
451-050	NOVOTNY RD	B4	4		10	2017	\$ 4,546	
464-010	PEARL DR	B4	4		6	2017	\$ 5,962	
465-010	WHISPERING WOODS LN	B4	4		6	2017	\$ 4,162	
485-020	WHISPERING WOODS LN	B4	4		6	2017	\$ 1,461	
485-030	WHISPERING WOODS LN	B4	4		10	2017	\$ 5,347	New Construction 2016
485-040	WHISPERING WOODS LN	B4	4		10	2017	\$ 2,695	New Construction 2016
487-010	WILDFLOWER DR	C4/B4	3		10	2017	\$ 8,033	
487-020	WILDFLOWER DR	B4	3		10	2017	\$ 5,840	
488-040	WOIDA RD	B3	3		10	2017	\$ 5,040	
488-050	WOIDA RD	B3	3		10	2017	\$ 1,974	
488-060	WOIDA RD	B3	3		10	2017	\$ 7,076	
488-070	WOIDA RD	B3	3		10	2017	\$ 3,576	
488-080	WOIDA RD	B3/B4	3		10	2017	\$ 3,846	
488-090	WOIDA RD	B4	3		10	2017	\$ 4,302	
488-100	WOIDA RD	B4	3		6	2017	\$ 3,569	
488-110	WOIDA RD	B4	3		6	2017	\$ 4,591	
488-120	WOIDA RD	B4	3		4	2017	\$ 2,896	
488-150	WOIDA RD	B4	4		10	2017	\$ 7,238	
						Total Cost	\$ 471,656	

SEALCOAT PROGRAM INFORMATION

CITY OF BRAINERD, MINNESOTA

Created 9/27/2016

ITEM	DESCRIPTION	UNIT	2012	2013	2015	2016
Final Contract Quantities						
1	Mobilization	Lump Sum	1	1	1	1
2	Bituminous Material for Fog Seal	Gallon	-	2,615	2,501	9,198
3	Bituminous Material for Seal Coat	Gallon	13,221	19,653	20,612	26,832
4	Bituminous Seal Coat FA-1 (Class A, Grey Color) (Trail)	Sq Yd	-	14,460		
5	Bituminous Seal Coat FA-2 1/2 (Class A, Grey Color) (Street)	Sq Yd	37,777	41,692	58,891	76,662
6	Traffic Control	Lump Sum	1	1	1	1
7	Pavement Markings	Lump Sum			1	
8	Pavement Area Sealcoated	Sq Yd	37,777	41,692	58,891	76,662
9	Trail Area Sealcoated	Sq Yd	-	14,460	-	-
10	% Project Street Sealcoat	%	100%	74%	100%	100%
11	% Project Trail Sealcoat	%		26%		
Contract Unit Prices						
1	Mobilization	\$ / LS	\$ 1,000.00	\$ 3,100.00	\$ 12,500.00	\$ 5,000.00
2	Bituminous Material for Fog Seal	\$ / Gal		\$ 2.17	\$ 0.80	\$ 3.25
3	Bituminous Material for Seal Coat	\$ / Gal	\$ 2.50	\$ 2.31	\$ 2.80	\$ 2.45
4	Bituminous Seal Coat FA-1 (Class A, Grey Color) (Trail)	\$ / Sq Yd		\$ 0.54		
5	Bituminous Seal Coat FA-2 1/2 (Class A, Grey Color) (Street)	\$ / Sq Yd	\$ 0.58	\$ 0.78	\$ 0.55	\$ 0.40
6	Traffic Control	\$ / LS	\$ 1,000.00	\$ 495.00	\$ 5,000.00	\$ 1,500.00
7	Pavement Markings	\$ / LS			\$ 19,366	
Project Costs						
1	Cost of Street Sealcoat	\$ / Sq Yd	\$ 1.51	\$ 1.76	\$ 2.19	\$ 1.73
2	Cost of Trail Sealcoat	\$ / Sq Yd		\$ 1.50		
3	Total Street Sealcoat Construction Cost	\$	\$ 56,963	\$ 73,237	\$ 128,971	\$ 132,797
4	Total Trail Sealcoat Construction Cost	\$		\$ 21,759		
5	Total Construction Cost	\$ / Sq Yd	\$ 56,963	\$ 94,996	\$ 128,971	\$ 132,797
6	Preliminary Engineering Design	\$				
7	Bidding	\$				
8	Construction Engineering	\$				
9	Total Project Cost	\$				
Misc						
	Contract Owner		City	City	City	City
	Contractor		Astech	Caldwell Asphalt	Astech	Asphalt Preserval



Real People. Real Solutions.

7656 Design Road
Suite 200
Baxter, MN 56425-8676

Ph: (218) 825-0684
Fax: (218) 825-0685
Bolton-Menk.com

MEMORANDUM

Date: September 28, 2016
To: Baxter Utilities Commission
From: Mike Rardin, PE *MR*
Cc: Trevor Walter, PE – City Engineer/Public Works Director
Subject: Project Update
Golf Course Drive Project
City of Baxter
Project No: B11.111354

Work Progress - Sixth Update

Since the last project update the Contractor has completed street grading, aggregate base construction, pavement reclamation on the north and south ends of the project, construction of all concrete curb/gutter and flatwork, construction of the bituminous pavement base course, sprinkler repairs, and sealed the joints of the 66" storm sewer; and, the contractor is currently grading and spreading topsoil behind the curbs along with raising iron in anticipation of wear course construction shortly.

The City considered and approved Change Order No. 1, approximately \$12,950, during September. This also changed the substantial completion date from September 30th to October 7th.

Project Schedule

Based on the contractor's proposed schedule, the following is a brief summary of future construction activities:

- September** - complete turf establishment in both the reconstruction and reclamation areas
- October** - bituminous wear course construction in both the reconstruction and reclamation areas

The contractor appears to be on the schedule they proposed for this project. No schedule concerns are noted at this time.

Completion Dates

The contract calls for substantial completion by October 7th with final completion by October 14th.

Costs

Construction costs have increased approximately another \$20,720 due to the following changes:

Item	Reason	Approximate Cost
Storm Sewer Repair	Hole found in existing storm sewer / subgrade collapse; realignment / setting of existing catch basins and castings	\$5,300
Curb Removal / Replacement	Additional repairs discovered after reclamation was	\$4,100

Name: Pavement Management Program Memo
Date: September 28, 2016
Page: 2

	completed	
Pave Universal Drive	Additional pavement needed to be removed and replaced due to storm sewer installation / traffic	\$5,300
Concrete Driveway Entrances	Replacement of 6 entrances with concrete pavement rather than the planned bituminous pavement	\$6,020

These changes have increased the project cost approximately \$33,800. All of the above changes were either requested or found to be acceptable to City staff.

The first change above has been incorporated into Change Order No. 2 which will be presented separately to the Commission on October 5th. The other changes identified above will be incorporated into a future change order for future Commission consideration.

A 5% contingency in the amount of \$54,505 has been allowed for in this project.

The City should be aware that the work associated with the possible sewer relocations has resulted in extra engineering work and costs. The City Council was appraised of the estimated costs for this extra work, the sewer inspection costs, and the sewer capacity analysis costs at their meeting on March 3rd. An amendment to the agreement based on those discussions will be provided for approval in the future.

Other engineering services for the project have been continuing as agreed to according to the existing "Not to Exceed" contract.

Change Order No. 2

Date of Issuance: September 28, 2016	Effective Date: Council Approval
Owner: City of Baxter, Minnesota	Owner's Contract No.: 4110
Contractor: Anderson Brothers Construction	Contractor's Project No.:
Engineer: Bolton & Menk, Inc.	Engineer's Project No.: B11.111354
Project: 2016 Golf Course Drive Improvement Project	Contract Name:

The Contract is modified as follows upon execution of this Change Order:
Description: See Attached.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ <u>1,090,108.01</u>	Original Contract Times: Substantial Completion: <u>September 30, 2016</u> Ready for Final Payment: <u>October 14, 2016</u> days or dates
Increase from previously approved Change Orders No. 1 to No. 1: \$ <u>12,947.34</u>	Increase from previously approved Change Orders No. 1 to No. 1: Substantial Completion: <u>October 7, 2016</u> Ready for Final Payment: <u>October 14, 2016</u> dates
Contract Price prior to this Change Order: \$ <u>1,103,055.35</u>	Contract Times prior to this Change Order: Substantial Completion: <u>October 7, 2016</u> Ready for Final Payment: <u>October 14, 2016</u> dates
Increase of this Change Order: \$ <u>5,281.00</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>October 7, 2016</u> Ready for Final Payment: <u>October 14, 2016</u> dates
Contract Price incorporating this Change Order: \$ <u>1,108,336.35</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>October 7, 2016</u> Ready for Final Payment: <u>October 14, 2016</u> days or dates

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u>Bryan D. Olson</u>	By: _____	By: <u>Al [Signature]</u>
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: <u>Project Engineer</u>	Title: _____	Title: _____
Date: <u>9/27/16</u>	Date: _____	Date: _____

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____

CHANGE ORDER NO. 2
 2016 GOLF COURSE DRIVE IMPROVEMENT PROJECT
 CITY OF BAXTER, MN
 CITY PROJECT NO. 4110
 BMM PROJECT NO. B11.111354
 WORK COMPLETED THROUGH SEPTEMBER 23, 2016

ITEM NO.	ITEM	CONTRACT QUANTITIES			PREVIOUS ESTIMATE		COMPLETED TO DATE		
		UNIT PRICE	ESTIMATED QUANTITY	UNIT	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
1	2531.501 CONCRETE CURB & GUTTER REBAR	\$858.00	1	LUMP SUM	\$858.00	0	\$0.00	1	\$858.00
2	2506.503 RECONSTRUCT DRAINAGE STRUCTURE	\$2,438.00	1	LUMP SUM	\$2,438.00	0	\$0.00	1	\$2,438.00
3	2506.516 RE-ALIGN EXISTING CATCH BASIN STRUCTURES	\$1,655.00	1	LUMP SUM	\$1,655.00	0	\$0.00	1	\$1,655.00
4	2506.521 RE-INSTALL CASTINGS	\$330.00	1	LUMP SUM	\$330.00	0	\$0.00	1	\$330.00
TOTAL CHANGE ORDER NO. 2					\$5,281.00		\$0.00		\$5,281.00

CONTRACTOR'S PAY REQUEST		DISTRIBUTION:
2016 GOLF COURSE DRIVE IMPROVEMENT PROJECT		CONTRACTOR (1)
CITY OF BAXTER, MN		OWNER (1)
CITY PROJECT NO. 4110		ENGINEER (1)
BMI PROJECT NO. B11.111354		BONDING CO. (1)
WORK COMPLETED THROUGH SEPTEMBER 23, 2016		
TOTAL AMOUNT BID PLUS APPROVED CHANGE ORDERS		\$1,108,336.35
TOTAL, COMPLETED WORK TO DATE		\$876,985.58
TOTAL, STORED MATERIALS TO DATE		\$0.00
TOTAL, COMPLETED WORK & STORED MATERIALS		\$876,985.58
RETAINED PERCENTAGE (5%)		\$43,849.28
TOTAL AMOUNT OF OTHER PAYMENTS OR (DEDUCTIONS)		\$0.00
NET AMOUNT DUE TO CONTRACTOR TO DATE		\$833,136.30
TOTAL AMOUNT PAID ON PREVIOUS ESTIMATES		\$422,941.94
PAY CONTRACTOR AS ESTIMATE NO. 2		\$410,194.36

Certificate for Partial Payment

I hereby certify that, to the best of my knowledge and belief, all items quantities and prices of work and material shown on this Estimate are correct and that all work has been performed in full accordance with the terms and conditions of the Contract for this project between the Owner and the undersigned Contractor, and as amended by any authorized changes, and that the foregoing is a true and correct statement of the contract amount for the period covered by this Estimate.

SUBMITTED: Anderson Brothers Construction BY: *Al Knorr* DATE: 9/22/16
 11325 State Highway 210
 Brainerd, MN 56401

RECOMMENDED: Bolton & Menk, Inc BY: *Bryan D. Orum* DATE: 9/27/16
 7656 Design Road, Suite 200
 Baxter, MN 56425

APPROVED: City of Baxter BY: _____ DATE: _____
 P.O. Box 2626 Kelly Steele - Asst. City Administrator
 Baxter, MN 56425-2626

APPROVED: City of Baxter BY: _____ DATE: _____
 P.O. Box 2626 Darrel Olson - Mayor
 Baxter, MN 56425-2626

APPROVED: City of Baxter BY: _____ DATE: _____
 Utilities Commission
 P.O. Box 2626
 Baxter, MN 56425-2626

Partial Pay Estimate No. 2

2016 GOLF COURSE DRIVE IMPROVEMENT PROJECT
 CITY OF BAXTER, MN
 CITY PROJECT NO. 4110
 BMT PROJECT NO. B11.111354
 WORK COMPLETED THROUGH SEPTEMBER 23, 2016

ITEM NO.	ITEM	CONTRACT QUANTITIES				PREVIOUS ESTIMATE		COMPLETED TO DATE		
		UNIT PRICE	ESTIMATED QUANTITY	UNIT	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	
1	2021.501	MOBILIZATION	\$38,000.00	1.00	LUMP SUM	\$38,000.00	0.50	\$19,000.00	0.80	\$30,400.00
2	2101.502	CLEARING	\$150.00	1	TREE	\$150.00	1	\$150.00	1	\$150.00
3	2101.507	GRUBBING	\$150.00	1	TREE	\$150.00	1	\$150.00	1	\$150.00
4	2104.501	REMOVE SEWER PIPE (STORM)	\$9.00	2501	LIN FT	\$22,509.00	2,555	\$22,995.00	2,555	\$22,995.00
5	2104.501	REMOVE CURB AND GUTTER	\$3.50	2581	LIN FT	\$9,033.50	301	\$1,053.50	2,841	\$9,943.50
6	2104.503	REMOVE CONCRETE SIDEWALK	\$2.60	395	SQ FT	\$1,027.00	0	\$0.00	395	\$1,027.00
7	2104.505	REMOVE BITUMINOUS PAVEMENT	\$2.05	7308	SQ YD	\$14,981.40	7,286	\$14,936.30	8,273	\$16,959.65
8	2104.509	REMOVE CASTING (STORM)	\$75.00	30	EACH	\$2,250.00	17	\$1,275.00	32	\$2,400.00
9	2104.509	REMOVE DRAINAGE STRUCTURE	\$800.00	15	EACH	\$9,000.00	17	\$10,200.00	17	\$10,200.00
10	2104.513	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	\$3.25	304	LIN FT	\$988.00	0	\$0.00	298	\$988.50
11	2104.513	SAWING CONCRETE PAVEMENT (FULL DEPTH)	\$5.50	29	LIN FT	\$159.50	0	\$0.00	34	\$187.00
12	2104.523	SALVAGE SIGN	\$50.00	19	EACH	\$950.00	8	\$400.00	8	\$400.00
13	2104.523	SALVAGE CASTING (SANITARY)	\$110.00	18	EACH	\$1,980.00	9	\$990.00	17	\$1,870.00
14	2105.501	COMMON EXCAVATION (P) (EV)	\$10.00	3306	CU YD	\$33,060.00	0	\$0.00	3,306	\$33,060.00
15	2105.601	DEWATERING	\$80,000.00	1.00	LUMP SUM	\$80,000.00	1.00	\$80,000.00	1.00	\$80,000.00
16	2123.501	COMMON LABORERS	\$45.00	20	HOUR	\$900.00	0	\$0.00	0	\$0.00
17	2123.601	STREET SWEEPER (WITH PICKUP BROOM)	\$125.00	8	HOUR	\$1,000.00	2	\$250.00	4	\$500.00
18	2211.503	AGGREGATE BASE (CV), CLASS 5	\$25.00	1590	CU YD	\$39,750.00	0	\$0.00	1,590	\$39,750.00
19	2215.501	FULL DEPTH RECLAMATION (P)	\$2.10	11731	SQ YD	\$24,635.10	0	\$0.00	11,731	\$24,635.10
20	2232.501	MILL BITUMINOUS PAVEMENT (4")	\$5.50	155	SQ YD	\$852.50	0	\$0.00	0	\$0.00
21	-	BITUMINOUS PATCH	\$28.00	130	SQ YD	\$3,640.00	0	\$0.00	0	\$0.00
22	2380.501	TYPE SP 12.5 WEARING COURSE MIXTURE (2.C)	\$48.00	4945	TON	\$237,360.00	0	\$0.00	2,334	\$112,032.00
23	2503.541	12" HDPE PIPE SEWER (STORM)	\$37.50	13	LIN FT	\$487.50	8	\$300.00	8	\$300.00
24	2503.541	12" RC PIPE SEWER DESIGN 3006 CLASS V	\$41.00	357	LIN FT	\$14,637.00	359	\$14,719.00	359	\$14,719.00
25	2503.541	15" RC PIPE SEWER DESIGN 3006 CLASS V	\$44.00	8	LIN FT	\$352.00	8	\$352.00	8	\$352.00
26	2503.541	24" RC PIPE SEWER DESIGN 3006 CLASS III	\$52.00	733	LIN FT	\$38,116.00	732	\$38,064.00	732	\$38,064.00
27	2503.541	30" RC PIPE SEWER DESIGN 3006 CLASS III	\$66.00	170	LIN FT	\$11,220.00	161	\$10,626.00	161	\$10,626.00
28	2503.541	33" RC PIPE SEWER DESIGN 3006 CLASS III	\$81.00	146	LIN FT	\$11,826.00	146	\$11,826.00	146	\$11,826.00
29	2503.541	36" RC PIPE SEWER DESIGN 3006 CLASS III	\$82.00	1498	LIN FT	\$122,836.00	1,488	\$122,016.00	1,488	\$122,016.00
30	2503.541	42" RC PIPE SEWER DESIGN 3006 CLASS III	\$145.00	6	LIN FT	\$870.00	5	\$725.00	5	\$725.00
31	2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN G	\$330.00	32.00	LIN FT	\$10,560.00	32.00	\$10,560.00	32.00	\$10,560.00
32	2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	\$350.00	4.71	LIN FT	\$1,648.50	4.71	\$1,648.50	4.71	\$1,648.50
33	2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN 60-4020	\$400.00	68.28	LIN FT	\$27,312.00	68.28	\$27,312.00	68.28	\$27,312.00
34	2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN 72-4020	\$535.00	20.25	LIN FT	\$10,833.75	20.25	\$10,833.75	20.25	\$10,833.75
35	2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN 84-4020	\$650.00	7.00	LIN FT	\$4,550.00	7.00	\$4,550.00	7.00	\$4,550.00
36	2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN 120-4020	\$1,250.00	5.80	LIN FT	\$7,250.00	5.80	\$7,250.00	5.80	\$7,250.00
37	2506.516	R-3250 DVSP CASTING ASSEMBLY	\$1,000.00	35	EACH	\$35,000.00	0	\$0.00	34	\$34,000.00
38	2506.516	R-1733 CASTING ASSEMBLY	\$700.00	1	EACH	\$700.00	0	\$0.00	0	\$0.00
39	2506.516	R-2573 CASTING ASSEMBLY	\$575.00	2	EACH	\$1,150.00	0	\$0.00	0	\$0.00
40	2506.521	RE-INSTALL CASTING (SANITARY)	\$500.00	18	EACH	\$9,000.00	0	\$0.00	0	\$0.00
41	2506.602	ADJUST FRAME RING & CASTING (SANITARY)	\$1,300.00	9	EACH	\$11,700.00	6	\$7,800.00	6	\$7,800.00
42	2506.620	CONNECT TO EXISTING STORM SEWER (PIPE)	\$525.00	6	EACH	\$3,150.00	6	\$3,150.00	6	\$3,150.00
43	2506.620	CONNECT TO EXISTING DRAINAGE STRUCTURE	\$900.00	3	EACH	\$2,700.00	3	\$2,700.00	3	\$2,700.00
44	2521.501	6" CONCRETE WALK	\$7.00	287	SQ FT	\$2,009.00	0	\$0.00	383	\$2,681.00
45	2531.501	CONCRETE CURB & GUTTER, DESIGN B618	\$17.00	2330	LIN FT	\$39,610.00	0	\$0.00	2,642	\$44,914.00
46	2531.501	CONCRETE CURB & GUTTER, DESIGN B624	\$14.50	4488	LIN FT	\$65,076.00	0	\$0.00	4,472	\$64,844.00
47	2531.507	8" CONCRETE DRIVEWAY PAVEMENT	\$63.00	14	SQ YD	\$882.00	0	\$0.00	175	\$11,025.00
48	2531.604	8" CONCRETE VALLEY GUTTER	\$80.00	80	SQ YD	\$6,400.00	0	\$0.00	88	\$7,040.00
49	2531.618	TRUNCATED DOMES	\$42.00	32	SQ FT	\$1,344.00	0	\$0.00	32	\$1,344.00
50	2540.602	MAILBOX SUPPORT	\$132.00	6	EACH	\$792.00	0	\$0.00	0	\$0.00
51	2563.601	TRAFFIC CONTROL	\$3,100.00	1.00	LUMP SUM	\$3,100.00	0.50	\$1,550.00	0.80	\$2,480.00
52	2564.602	INSTALL SIGNS	\$80.00	44	EACH	\$3,520.00	0	\$0.00	0	\$0.00
53	2564.602	FURNISH TYPE C SIGNS	\$80.00	25	EACH	\$2,000.00	0	\$0.00	0	\$0.00
54	2564.515	FURNISH & INSTALL SIGN POST	\$55.00	2	EACH	\$110.00	0	\$0.00	0	\$0.00
55	2571.501	DECIDUOUS TREE 6' HT B&B	\$685.00	1	TREE	\$685.00	0	\$0.00	0	\$0.00
56	2573.530	STORM DRAIN INLET PROTECTION	\$135.00	52	EACH	\$7,020.00	32	\$4,320.00	51	\$6,885.00
57	2573.535	STABILIZED CONSTRUCTION EXIT	\$550.00	1	LUMP SUM	\$550.00	0.00	\$0.00	0.00	\$0.00
58	2573.550	EROSION CONTROL SUPERVISOR	\$1,105.30	1	LUMP SUM	\$1,105.30	0.50	\$552.65	0.80	\$884.24
59	2574.508	FERTILIZER TYPE 1	\$0.79	232	POUND	\$183.28	0	\$0.00	0	\$0.00
60	2574.525	COMMON TOPSOIL BORROW (LV)	\$31.81	1072	CU YD	\$34,100.32	0	\$0.00	0	\$0.00
61	2575.501	SEEDING	\$527.68	1.18	ACRE	\$612.09	0.00	\$0.00	0.00	\$0.00
62	2575.502	SEED MIXTURE 25-131	\$3.00	384	POUND	\$1,152.00	0	\$0.00	0	\$0.00
63	2575.505	SODDING TYPE LAWN	\$6.25	4031	SQ YD	\$25,193.75	0	\$0.00	0	\$0.00
64	2575.523	EROSION CONTROL BLANKET CATEGORY 3	\$1.69	500	SQ YD	\$845.00	0	\$0.00	0	\$0.00
65	2575.562	HYDRAULIC MATRIX TYPE FIBER REINFORCED MATRIX	\$2.10	4840	POUND	\$9,744.00	0	\$0.00	0	\$0.00
66	2582.502	4" BROKEN LINE YELLOW-PAINT	\$0.18	850	LIN FT	\$136.00	0	\$0.00	0	\$0.00
67	2582.502	4" DOUBLE SOLID LINE YELLOW-PAINT	\$0.32	1764	LIN FT	\$564.48	0	\$0.00	0	\$0.00
68	2582.502	4" SOLID LINE WHITE-PAINT	\$2.11	65	LIN FT	\$137.15	0	\$0.00	0	\$0.00
69	2582.502	8" SOLID LINE WHITE-PAINT	\$0.21	10009	LIN FT	\$2,101.89	0	\$0.00	0	\$0.00
70	2811.4J	ADJUST GATE VALVE BOX & COVER	\$165.00	19	EACH	\$3,135.00	0	\$0.00	0	\$0.00
71	2811.4J	REPLACE GATE VALVE BOX & COVER	\$725.00	5	EACH	\$3,625.00	0	\$0.00	0	\$0.00
72	-	MAINTAIN AND REINSTALL IRRIGATION SYSTEMS	\$5,500.00	1.00	LUMP SUM	\$5,500.00	0.00	\$0.00	0.00	\$0.00
73	-	CHEMICAL INJECTION ACCESS SET-UP	\$1,600.00	1	EACH	\$1,600.00	0	\$0.00	1	\$1,600.00
74	-	CHEMICAL INJECTION GROUTING-JOINTS GROUTED (66" RC PIPE)	\$1,900.00	10	EACH	\$19,000.00	0	\$0.00	10	\$19,000.00
		TOTAL BID AMOUNT:				\$1,080,108.01		\$432,254.70		\$858,757.24

Partial Pay Estimate No. 2

2016 GOLF COURSE DRIVE IMPROVEMENT PROJECT
 CITY OF BAXTER, MN
 CITY PROJECT NO. 4110
 BMI PROJECT NO. B11.111354
 WORK COMPLETED THROUGH SEPTEMBER 23, 2016

ITEM NO.	ITEM	CONTRACT QUANTITIES				PREVIOUS ESTIMATE		COMPLETED TO DATE		
		UNIT PRICE	ESTIMATED QUANTITY	UNIT	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	
CHANGE ORDER NO. 1										
1	2511.501	RIP RAP	\$381.15	1	LUMP SUM	\$381.15	1	\$381.15	1	\$381.15
2	2573.533	SEDIMENT CONTROL LOG TYPE BIORLL	\$4.68	773	LIN FT	\$3,617.64	773	\$3,617.64	773	\$3,617.64
3	2811.4A	UNIVERSAL ROAD INTERSECTION WATERMAIN REMOVAL	\$1,693.40	1	LUMP SUM	\$1,693.40	1	\$1,693.40	1	\$1,693.40
4	2811.4A	WATERMAIN CROSSING LOWERING STATION 30+30	\$4,192.35	1	LUMP SUM	\$4,192.35	1	\$4,192.35	1	\$4,192.35
5	2811.4A	WATERMAIN CROSSING LOWERING STATION 34+12	\$3,062.80	1	LUMP SUM	\$3,062.80	1	\$3,062.80	1	\$3,062.80
SUBTOTAL CHANGE ORDER NO. 1						\$12,947.34		\$12,947.34		\$12,947.34
CHANGE ORDER NO. 2										
1	2531.501	CONCRETE CURB & GUTTER REBAR	\$858.00	1	LUMP SUM	\$858.00	0	\$0.00	1	\$858.00
2	2506.503	RECONSTRUCT DRAINAGE STRUCTURE	\$2,438.00	1	LUMP SUM	\$2,438.00	0	\$0.00	1	\$2,438.00
3	2506.516	RE-ALIGN EXISTING CATCH BASIN STRUCTURES	\$1,655.00	1	LUMP SUM	\$1,655.00	0	\$0.00	1	\$1,655.00
4	2506.521	RE-INSTALL CASTINGS	\$330.00	1	LUMP SUM	\$330.00	0	\$0.00	1	\$330.00
SUBTOTAL CHANGE ORDER NO. 2						\$5,281.00		\$0.00		\$5,281.00
TOTAL BID AMOUNT PLUS CHANGE ORDER NO. 1 & 2:						\$1,108,338.35		\$445,202.04		\$876,985.58



Building a Better World
for All of Us®

MEMORANDUM

TO: Honorable Mayor and City Council and Utilities Commission
c/o Trevor Walter
City of Baxter, Minnesota

FROM: Scott Hedlund, PE

DATE: September 27, 2016

RE: 2015 Mill and Overlay Project
Post Construction Project Cost Summary
SEH No. BAXTE 131772 14

At the October 2016 Utilities Commission and City Council meetings, SEH is recommending approval of final payment to the project construction contractor.

Below is a summary of the final project costs:

Construction:	\$2,205,026
Engineering and Testing:	\$ 229,810
<u>Admin, Legal, Miscellaneous*:</u>	<u>\$ 66,164</u>
Total:	\$2,501,000

*Assumed 3%.

The total project cost estimated for final assessments was \$2,542,385.

Please contact me with questions. Thank you.

sh/mrb

c: Jeremy Vacinek, City of Baxter

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Building a Better World
for All of Us®

September 27, 2016

RE: Baxter, Minnesota
2015 Mill and Overlay Project
City Project No. 4415
SEH No. BAXTE 131772 14.00

Honorable Mayor, City Council, and Utilities Commission
c/o Trevor Walter, City Engineer
City of Baxter
13190 Memorywood Drive
PO Box 2626
Baxter, MN 56425-2626

Dear Mayor, Members of the City Council, and Utilities Commission:

Enclosed please find Application for Payment No. 6 Final for this project.

We reviewed this application and it appears to be in order. When payment is made, sign all copies and distribute as follows:

Anderson Brothers Construction Company of Brainerd, LLC
SEH
City of Baxter

Please feel free contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Scott D. Hedlund".

Scott Hedlund, PE
Project Manager

mrh

Enclosure

c: Jeremy Vacinek, City of Baxter (w/enclosure)

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Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 416 South 6th Street, Suite 200, Brainerd, MN 56401-3540

SEH is 100% employee-owned | sehinc.com | 218.855.1700 | 866.852.8880 | 888.908.8166 fax

OWNER
CONTRACTOR
SEH

APPLICATION FOR PAYMENT NO. 6 FINAL

PROJECT NO. BAXTE 131772
CITY NO. 4415
OWNER CITY OF BAXTER, MN
CONTRACTOR ANDERSON BROTHERS CONSTRUCTION CO. OF BRAINERD, LLC

CONTRACTOR FOR: 2015 MILL & OVERLAY PROJECT

AGREEMENT DATE: 8/10/2015

FOR WORK ACCOMPLISHED THROUGH: 9/9/2016

LINE NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY	CONTRACT AMOUNT	THIS PAYMENT		WORK TO DATE		
					QUANTITY	AMOUNT	QUANTITY	AMOUNT	
1	2012.602 TRAFFIC CONTROL	LUMP SUM	\$36,000.00	1.00	\$36,000.00		\$0.00	1.00	\$36,000.00
2	2021.501 MOBILIZATION	LUMP SUM	\$60,000.00	1.00	\$60,000.00		\$0.00	1.00	\$60,000.00
3	2104.501 REMOVE CONCRETE CURB AND GUTTER	LIN FT	\$10.00	2,020.00	\$20,200.00		\$0.00	7,713.00	\$77,130.00
4	2104.603 REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	\$5.00	94.00	\$470.00		\$0.00	159.00	\$795.00
5	2104.503 REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$5.00	120.00	\$600.00		\$0.00	145.70	\$728.50
6	2104.509 REMOVE CURB STOP AND BOX	EACH	\$500.00	1.00	\$500.00		\$0.00	1.00	\$500.00
7	2104.511 SAWING CONCRETE PAVEMENT	LIN FT	\$5.25	260.00	\$1,385.00		\$0.00	153.00	\$803.25
8	2104.513 SAWING BITUMINOUS PAVEMENT	LIN FT	\$2.00	2,640.00	\$5,280.00		\$0.00	1,317.00	\$2,634.00
9	2105.501 SUBGRADE EXCAVATION	CU YD	\$19.00	658.33	\$12,470.27		\$0.00	658.33	\$12,470.27
10	2105.513 SALVAGE AND REINSTALL DELINEATOR MARKERS	LUMP SUM	\$2,000.00	1.00	\$2,000.00		\$0.00	1.00	\$2,000.00
11	2105.507 COMMON EXCAVATION	CU YD	\$14.00	8,425.32	\$117,954.48		\$0.00	7,044.87	\$98,628.18
12	2112.603 RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$100.00	184.00	\$18,400.00		\$0.00	179.00	\$17,900.00
13	2123.61 STREET SWEEPER (TYPE WET PICKUP)	HOUR	\$125.00	34.00	\$4,250.00		\$0.00	29.00	\$3,625.00
14	2130.501 WATER	M GAL	\$36.00	670.00	\$24,120.00		\$0.00	320.00	\$11,520.00
15	2215.501 BITUMINOUS PAVEMENT RECLAMATION	SQ YD	\$1.50	71,890.00	\$107,835.00		\$0.00	71,897.11	\$107,845.67
16	2231.604 BITUMINOUS PATCH SPECIAL	SQ YD	\$30.00	200.00	\$6,000.00		\$0.00	153.00	\$4,590.00
17	2232.501 MILL BITUMINOUS SURFACE (1.5")	SQ YD	\$2.85	2,307.78	\$6,577.17		\$0.00	2,307.78	\$6,577.17
18	2357.502 BITUMINOUS MATERIAL FOR TACK COAT	GAL	\$2.50	3,594.50	\$8,986.25		\$0.00	2,585.94	\$6,464.85
19	2360.601 TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)	TON	\$55.00	17,798.93	\$978,941.15		\$0.00	16,495.58	\$907,256.90
20	2360.601 TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,C)	TON	\$60.00	3,955.29	\$237,317.40		\$0.00	4,929.67	\$295,780.20
21	2360.601 BITUMINOUS DRIVEWAY PAVEMENT RESTORATION	SQ YD	\$30.00	93.89	\$2,818.70		\$0.00	80.00	\$2,400.00
22	2564.602 INSTALL CURB STOP & BOX (1.5")	EACH	\$800.00	1.00	\$800.00		\$0.00	1.00	\$800.00
23	2504.602 ADJUST VALVE BOX	EACH	\$100.00	29.00	\$2,900.00	1.00	\$100.00	35.00	\$3,500.00
24	2506.602 ADJUST FRAME & RING CASTING (MINOR)	EACH	\$500.00	41.00	\$20,500.00		\$0.00	45.00	\$22,500.00
25	2506.602 ADJUST FRAME & RING CASTING (MAJOR)	EACH	\$1,000.00	86.00	\$86,000.00		\$0.00	94.00	\$94,000.00
26	2506.602 GROUT CATCH BASIN	EACH	\$500.00	25.00	\$12,500.00		\$0.00	23.00	\$11,500.00
27	2521.501 CONCRETE WALK, 6"	SQ FT	\$6.30	2,205.00	\$13,891.50		\$0.00	2,048.00	\$12,902.40
28	2531.501 CONCRETE CURB & GUTTER, DESIGN B612	LIN FT	\$26.00	230.00	\$5,980.00		\$0.00	304.00	\$7,904.00
29	2531.501 CONCRETE CURB & GUTTER, DESIGN B618	LIN FT	\$28.00	825.00	\$23,100.00		\$0.00	2,510.00	\$70,280.00
30	2531.501 CONCRETE CURB & GUTTER, DESIGN B624	LIN FT	\$31.00	1,185.00	\$37,045.00		\$0.00	5,321.00	\$164,951.00
31	2531.507 CONCRETE DRIVEWAY PAVEMENT RESTORATION	SQ YD	\$75.00	120.00	\$9,000.00		\$0.00	151.80	\$11,385.00
32	2531.602 RECONSTRUCT PEDESTRIAN RAMP W/ CONSTRUCTION SIGN SPECIAL	EACH	\$3,700.00	8.00	\$29,800.00		\$0.00	8.00	\$29,800.00
33	2564.618 APS PEDESTRIAN PUSH BUTTON STATION	SQ FT	\$16.00	72.00	\$1,152.00		\$0.00	0.00	\$0.00
34	2565.602 RIGID PVC LOOP DETECTOR 6' X 8'	EACH	\$1,715.00	1.00	\$1,715.00		\$0.00	0.00	\$0.00
35	2565.602 REVISE SIGNAL SYSTEM	EACH	\$1,050.00	10.00	\$10,500.00		\$0.00	10.00	\$10,500.00
36	2565.616 VIDEO DETECTION SYSTEM	SYSTEM	\$49,000.00	1.00	\$49,000.00	0.10	\$4,900.00	1.00	\$49,000.00
37	2565.618 INLET PROTECTION	SYSTEM	\$4,500.00	1.00	\$4,500.00		\$0.00	1.00	\$4,500.00
38	2573.533 SEDIMENT CONTROL LOG TYPE STRAW	EACH	\$100.00	129.00	\$12,900.00		\$0.00	44.00	\$4,400.00
39	2573.533	LIN FT	\$3.15	6,875.00	\$21,656.25	325.00	\$1,023.75	3,625.00	\$11,418.75

OWNER
CONTRACTOR
SEH

APPLICATION FOR PAYMENT NO. 6 FINAL

PROJECT NO. BAXTE 131772
CITY NO. 4416
OWNER CITY OF BAXTER, MN
CONTRACTOR ANDERSON BROTHERS CONSTRUCTION CO. OF BRAINERD, LLC

CONTRACTOR FOR: 2015 MILL & OVERLAY PROJECT
AGREEMENT DATE: 8/10/2015
FOR WORK ACCOMPLISHED THROUGH: 8/9/2016

ITEM	MNDOT	DESCRIPTION	UNIT	UNIT COST	CONTRACT		THIS PAYMENT		WORK TO DATE	
					QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
40	2573.602	ROCK CONSTRUCTION ENTRANCE	EACH	\$1.00	30.00	\$30.00		\$0.00	0.00	\$0.00
41	2574.525	SCREENED TOPSOIL BORROW (LV)	CU YD	\$80.00	309.81	\$16,588.60		\$0.00	196.00	\$11,760.00
42	2575.555	TURF ESTABLISHMENT (INCLUDES SEEDING, SEED)	SQ YD	\$1.45	1,899.63	\$2,754.46	3,356.00	\$4,866.20	8,302.00	\$12,037.90
43	2581.501	REMOVABLE PREFORMED PAVEMENT MARKING TAPE	LIN FT	\$1.25	2,550.00	\$3,187.50	511.00	\$638.75	711.00	\$888.75
44	2582.501	ZEBRA CROSSWALK, WHITE PAINT	SQ FT	\$4.15	306.00	\$1,289.90		\$0.00	414.00	\$1,718.10
45	2582.501	PAVEMENT MESSAGE (LEFT ARROW) PAINT	EACH	\$70.00	30.00	\$2,100.00		\$0.00	41.00	\$2,870.00
46	2582.501	PAVEMENT MESSAGE (RIGHT ARROW) PAINT	EACH	\$70.00	13.00	\$910.00		\$0.00	18.00	\$1,120.00
47	2582.501	PAVEMENT MESSAGE (RIGHT THRU ARROW) PAINT	EACH	\$150.00	16.00	\$2,400.00		\$0.00	15.00	\$2,250.00
48	2582.502	4" DOUBLE SOLID YELLOW LINE, PAINT	LIN FT	\$0.25	6,354.00	\$1,588.50		\$0.00	7,365.00	\$1,841.25
49	2582.502	4" SOLID WHITE LINE, PAINT	LIN FT	\$0.15	7,083.00	\$1,082.45		\$0.00	6,421.00	\$963.15
50	2582.502	4" BROKEN WHITE LINE, PAINT	LIN FT	\$0.15	9,668.00	\$1,449.90		\$0.00	2,700.00	\$406.00
51	2582.502	8" SOLID WHITE LINE, PAINT	LIN FT	\$0.95	1,082.00	\$1,027.90		\$0.00	1,253.00	\$1,190.35
52	2582.502	STOP BAR, 24" WHITE PAINT	LIN FT	\$4.25	639.00	\$2,715.75		\$0.00	751.00	\$3,191.75
TOTAL ITEMS BID						\$2,033,908.14		\$11,528.70		\$2,205,026.39
3A	2104.501	REMOVE CONCRETE CURB AND GUTTER	LIN FT	\$10.00	5,450.00	\$54,500.00		\$0.00	0.00	\$0.00
29A	2531.501	CONCRETE CURB & GUTTER, DESIGN B618	LIN FT	\$28.00	1,550.00	\$43,400.00		\$0.00	0.00	\$0.00
30A	2531.501	CONCRETE CURB & GUTTER, DESIGN B624	LIN FT	\$31.00	3,900.00	\$120,900.00		\$0.00	0.00	\$0.00
TOTAL CHANGE ORDER NO. 1						\$218,800.00		\$0.00		\$0.00
TOTAL ITEMS BID						\$2,033,908.14		\$11,528.70		\$2,205,026.39
CHANGE ORDER TOTAL						\$218,800.00		\$0.00		\$0.00
TOTAL						\$2,252,708.14		\$11,528.70		\$2,205,026.39

The undersigned Contractor certifies that all previous payments received from the Owner for work done under this contract have been applied to discharge in full all obligations the Contractor incurred in connection with the work covered by said progress payments. The undersigned Contractor agrees to pay all subcontractors within 10 days of receipt of payment from the municipality for undisputed services provided by the subcontractor. The Contractor agrees to pay interest as described under Minnesota state statute.

Gross Amount Due \$2,205,026.39
Less Retainage (0%) \$0.00
Amount Eligible to Date \$2,205,026.39
Less Previous Payments \$2,171,562.71
Amount Due This Application \$33,463.68

SUBMITTED ANDERSON BROTHERS CONSTRUCTION CO. C
PO BOX 688
BRAINERD, MN 56401-0688 BY: Al Knauer DATE: 9-26-16

RECOMMENDED SEH
416 S 8TH ST STE 200
BRAINERD, MN 56401 BY: Scott D. Hedlund DATE: 9-27-16

APPROVED CITY OF BAXTER
PO BOX 2626
BAXTER, MN 56425-2626 BY: Kelly Steele, Asst. City Administrator/Clerk DATE: _____

APPROVED CITY OF BAXTER
PO BOX 2626
BAXTER, MN 56425-2626 BY: Darrel Olson, Mayor DATE: _____

APPROVED CITY OF BAXTER - UTILITIES COMMISSION
PO BOX 2626
BAXTER, MN 56425-2626 BY: _____ DATE: _____



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for All of Us®

MEMORANDUM

TO: Honorable Mayor and City Council and Utilities Commission
c/o Trevor Walter
City of Baxter, Minnesota

FROM: Scott Hedlund, PE

DATE: September 28, 2016

RE: 2016 Fairview Road Improvements Project
Monthly Project Status Update
SEH No. BAXTE 133676 20.00

The following is an update on the status of the various work tasks on the project:

- A. Construction
- The final walk through with the City, SEH, and Contractor was on September 8, 2016.
 - Project construction is complete with the exception of some miscellaneous punch list items.
- B. Private Utility Work
- With the exception of CTC reinstalling some vault location marker signs, and CenterPoint Energy reinstalling some facility markers/signs, the private utility work in the corridor is complete.

The following is an update on the status of the project budget:

- C. Total project budget:
- The total project budget based on the as-bid construction costs and figures presented at the Assessment Hearing is \$1.3M.
 - Total final costs are still being calculated and reviewed, but it appears it will be close to the \$1.3M.
- D. Consultant budget:
- There is no unapproved scope changes at this time.

c: Kelly Steele, Jeremy Vacinek – City of Baxter

sh

p:\ae\b\baxte\133676\2-proj-mgmt\monthly project update memos\m seh to city 2016 fairview rd project status memo 092816.docx

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 416 South 6th Street, Suite 200, Brainerd, MN 56401-3540

SEH is 100% employee-owned | sehinc.com | 218.855.1700 | 866.852.8880 | 888.908.8166 fax



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September 28, 2016

RE: City of Baxter, Minnesota
2016 Fairview Road Improvements
City No. 4113
SEH No. BAXTE 133676 14.00

Honorable Mayor, City Council, and Utilities Commission
c/o Mr. Trevor Walter, City Engineer
City of Baxter
13190 Memorywood Drive
PO Box 2626
Baxter, MN 56425-2626

Dear Mayor, Members of the City Council, and Utilities Commission:

Enclosed please find Application for Payment No. 4 for this project.

We reviewed this application and it appears to be in order. When payment is made, please sign and distribute copies as follows:

Anderson Brothers Construction Company of Brainerd, LLC
SEH
City of Baxter
Utilities Commission

Please feel free contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Scott D. Hedlund".

Scott Hedlund, PE
Project Manager

mrh

Enclosures

c: Kelly Steele, City of Baxter
Jeremy Vacinek, City of Baxter

p:\aeb\baxte\133676\1-gen\14-corr\1 city pmt4_082816.docx

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 416 South 6th Street, Suite 200, Brainerd, MN 56401-3540
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APPLICATION FOR PAYMENT NO. 4

CONTRACTOR FOR:

2018 FAIRVIEW ROAD IMPROVEMENTS

PROJECT NO. BAXTE 133676
CITY NO. 4113
OWNER CITY OF BAXTER, MN
CONTRACTOR ANDERSON BROTHERS CONSTRUCTION CO.

AGREEMENT DATE: 6/7/2016
FOR WORK ACCOMPLISHED THROUGH: 9/23/2016

ITEM	DESCRIPTION	UNIT	UNIT COST	CONTRACT		THIS PAYMENT		WORK TO DATE	
				QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
DEPTH RECLAMATION									
1	MOBILIZATION	LUMP SUM	\$49,608.60	1.00	\$49,608.60	0.05	\$2,480.33	1.00	\$49,608.60
2	TRAFFIC CONTROL	LUMP SUM	\$4,500.00	1.00	\$4,500.00	0.10	\$450.00	1.00	\$4,500.00
3	TEMPORARY MAIL BOX BANK SYSTEM	LUMP SUM	\$275.00	1.00	\$275.00		\$0.00	1.00	\$275.00
4	SALVAGE & INSTALL SWING AWAY MAIL BOX	EACH	\$140.00	3.00	\$420.00		\$0.00	2.00	\$280.00
5	SALVAGE MAIL BOX	EACH	\$22.00	30.00	\$660.00		\$0.00	30.00	\$660.00
6	SWING AWAY MAIL BOX SUPPORT	EACH	\$110.00	30.00	\$3,300.00		\$0.00	37.00	\$4,070.00
7	CLEARING	ACRE	\$4,150.00	0.08	\$332.00		\$0.00	0.23	\$954.50
8	CLEARING	TREE	\$165.00	21.00	\$3,465.00		\$0.00	23.00	\$3,795.00
9	GRUBBING	ACRE	\$4,150.00	0.08	\$332.00		\$0.00	0.09	\$373.50
10	GRUBBING	TREE	\$165.00	27.00	\$4,455.00		\$0.00	23.00	\$3,795.00
11	CLEAN EXISTING STORM POND (BAXTER ELEMENTARY)	LUMP SUM	\$850.00	1.00	\$850.00		\$0.00	1.00	\$850.00
12	CLEAN EXISTING STORM SEWER SYSTEM (BAXTER ELEMENTARY)	LUMP SUM	\$3,500.00	1.00	\$3,500.00		\$0.00	1.00	\$3,500.00
13	CLEAN EXISTING CULVERT AND APRON ENDS	LUMP SUM	\$1,100.00	4.00	\$4,400.00		\$0.00	4.00	\$4,400.00
14	REMOVE PIPE CULVERTS	LIN FT	\$13.25	50.00	\$662.50		\$0.00	100.00	\$1,325.00
15	REMOVE CURB AND GUTTER	LIN FT	\$6.00	840.00	\$5,040.00		\$0.00	840.00	\$5,040.00
16	REMOVE CONCRETE MEDIAN	SQ FT	\$8.25	1,280.00	\$10,395.00		\$0.00	1,050.00	\$8,662.50
17	REMOVE CONCRETE WALK	SQ FT	\$5.25	108.00	\$567.00		\$0.00	0.00	\$0.00
18	REMOVE & REPLACE CONCRETE CURB AND GUTTER	LIN FT	\$28.75	30.00	\$862.50		\$0.00	0.00	\$0.00
19	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$5.25	100.00	\$525.00		\$0.00	80.00	\$420.00
20	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	\$2.75	2,400.00	\$6,600.00		\$0.00	2,276.40	\$6,260.10
21	SAWING BITUMINOUS PAVEMENT	LIN FT	\$1.65	1,400.00	\$2,310.00		\$0.00	838.00	\$1,382.70
22	SAWING CONCRETE PAVEMENT	LIN FT	\$5.50	80.00	\$440.00		\$0.00	45.00	\$247.50
23	SALVAGE 911 SIGN	EACH	\$11.00	32.00	\$352.00		\$0.00	32.00	\$352.00
24	SALVAGE SIGN PANEL TYPE C	EACH	\$28.00	50.00	\$1,400.00		\$0.00	66.00	\$1,848.00
25	SALVAGE & INSTALL PERMANENT BARRICADES	EACH	\$195.00	2.00	\$390.00	1.00	\$195.00	2.00	\$390.00
26	SALVAGE & INSTALL PIPE APRON	EACH	\$530.00	1.00	\$530.00	1.00	\$530.00	1.00	\$530.00
27	SALVAGE & INSTALL LANDSCAPING (SUPER AMERICA)	LUMP SUM	\$2,500.00	1.00	\$2,500.00		\$0.00	1.12	\$2,800.00
28	SALVAGE & INSTALL LANDSCAPING (5416 FAIRVIEW RD)	LUMP SUM	\$1,000.00	1.00	\$1,000.00		\$0.00	1.00	\$1,000.00
29	SALVAGE & INSTALL CHAIN LINK FENCE (ELEMENTARY SCHOOL POND)	LIN FT	\$5.00	40.00	\$200.00		\$0.00	40.00	\$200.00
30	SALVAGE & INSTALL WOOD SPLIT RAIL FENCE (LAKEWOOD CHURCH)	LIN FT	\$10.00	50.00	\$500.00		\$0.00	30.00	\$300.00
31	REMOVE WOOD RAIL FENCE (6072 FAIRVIEW RD)	LIN FT	\$5.00	30.00	\$150.00		\$0.00	30.00	\$150.00
32	CONIFEROUS TREE (COLORADO BLUE SPRUCE, 8 FT)	TREE	\$775.00	1.00	\$775.00		\$0.00	11.50	\$8,912.50
33	DECIDUOUS TREE (RIVER BIRCH, 2-INCH, B&B)	TREE	\$775.00	1.00	\$775.00		\$0.00	0.00	\$0.00
34	ORNAMENTAL TREE (CRAB APPLE, 1.5-INCH, CONTAINER)	TREE	\$775.00	1.00	\$775.00		\$0.00	6.00	\$4,650.00
35	DECIDUOUS SHRUB (COMMON LILAC, CONTAINER)	SHRUB	\$105.00	1.00	\$105.00		\$0.00	0.00	\$0.00
36	TRANSPLANT TREE (TREE SPADE)	TREE	\$1,650.00	3.00	\$4,950.00		\$0.00	0.00	\$0.00
37	TRANSPLANT SHRUB	SHRUB	\$105.00	5.00	\$525.00		\$0.00	1.50	\$157.50
38	COMMON EXCAVATION	CU YD	\$13.05	3,504.00	\$45,727.20		\$0.00	3,290.00	\$42,934.50
39	SUBGRADE EXCAVATION	CU YD	\$13.75	1,300.00	\$17,875.00	59.20	\$814.00	1,317.60	\$18,117.00
40	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$200.00	79.00	\$15,800.00		\$0.00	79.00	\$15,800.00
41	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	\$125.00	20.00	\$2,500.00	27.50	\$3,437.50	32.50	\$4,062.50
42	WATER	MGAL	\$43.50	500.00	\$21,750.00		\$0.00	316.00	\$13,746.00
43	AGGREGATE BASE, CL 5 (CV)	CU YD	\$22.85	465.00	\$10,532.25	306.00	\$6,930.90	972.50	\$22,027.13
44	AGGREGATE SURFACING, CL 1 (CV)	CU YD	\$38.00	212.00	\$8,056.00		\$0.00	0.00	\$0.00
45	AGGREGATE DRIVEWAY RESTORATION, CLASS 5	SQ YD	\$10.00	55.00	\$550.00		\$0.00	55.00	\$550.00
46	BITUMINOUS PAVEMENT RECLAMATION	SQ YD	\$1.00	22,633.00	\$22,633.00		\$0.00	22,633.00	\$22,633.00
47	MILL BITUMINOUS SURFACE 1.5"	SQ YD	\$7.50	990.00	\$7,425.00		\$0.00	990.00	\$7,425.00

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APPLICATION FOR PAYMENT NO. 4

CONTRACTOR FOR: 2016 FAIRVIEW ROAD IMPROVEMENTS

PROJECT NO. BAXTE 133876
CITY NO. 4113
OWNER CITY OF BAXTER, MN
CONTRACTOR ANDERSON BROTHERS CONSTRUCTION CO.

AGREEMENT DATE: 8/7/2016

FOR WORK ACCOMPLISHED THROUGH: 8/23/2016

ITEM	DESCRIPTION	UNIT	UNIT COST	CONTRACT		THIS PAYMENT		WORK TO DATE	
				QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
48	TYPE SP 9.5 WEARING COURSE MIXTURE (2,C)	TON	\$46.00	2,983.00	\$136,298.00		\$0.00	2,650.60	\$131,127.60
49	TYPE SP 12.5 WEARING COURSE MIXTURE (2,C)	TON	\$47.00	3,788.00	\$178,036.00		\$0.00	3,491.00	\$164,077.00
50	TYPE SP 9.5 WEARING COURSE MIXTURE (2,C) - TRAIL	TON	\$70.00	40.00	\$2,800.00		\$0.00	0.00	\$0.00
51	BITUMINOUS MATERIAL FOR TACK COAT	GAL	\$2.00	1,630.00	\$3,260.00		\$0.00	1,215.00	\$2,430.00
52	RESIDENTIAL BITUMINOUS DRIVEWAY RESTORATION	SQ YD	\$29.00	1,090.00	\$31,610.00		\$0.00	1,428.00	\$41,412.00
53	COMMERCIAL BITUMINOUS DRIVEWAY RESTORATION	SQ YD	\$24.00	687.00	\$16,488.00		\$0.00	782.00	\$18,768.00
54	ADJUST SANITARY SEWER CLEAN-OUT (NEW CASTING)	EACH	\$225.00	48.00	\$10,800.00		\$0.00	11.00	\$2,475.00
55	ADJUST CURB BOX	EACH	\$150.00	40.00	\$6,000.00		\$0.00	40.00	\$6,000.00
58	ADJUST VALVE BOX	EACH	\$250.00	27.00	\$6,750.00		\$0.00	29.00	\$7,250.00
57	INSULATION	SQ YD	\$46.00	700.00	\$32,200.00		\$0.00	602.80	\$27,733.40
58	CONCRETE WALK, 4"	SQ FT	\$8.25	120.00	\$990.00		\$0.00	64.00	\$528.00
59	CONCRETE WALK, 6"	SQ FT	\$8.00	700.00	\$5,600.00	697.00	\$5,576.00	772.00	\$6,176.00
60	CONCRETE CURB & GUTTER, DESIGN B612	LIN FT	\$17.75	512.00	\$9,088.00		\$0.00	479.00	\$8,502.25
61	24" RIBBON CURB	LIN FT	\$16.50	147.00	\$2,425.50		\$0.00	134.00	\$2,211.00
62	CONCRETE VALLEY GUTTER	LIN FT	\$47.00	80.00	\$3,760.00		\$0.00	100.00	\$4,700.00
63	6" CONCRETE DRIVEWAY PAVEMENT RESTORATION	SQ YD	\$73.00	65.00	\$4,745.00	22.00	\$1,606.00	64.00	\$4,672.00
64	PEDESTRIAN RAMP W/ TRUNCATED DOMES	EACH	\$600.00	4.00	\$3,200.00	4.00	\$3,200.00	4.00	\$3,200.00
65	ADJUST FRAME & RING CASTING (SANITARY)	EACH	\$500.00	28.00	\$14,000.00		\$0.00	28.00	\$13,000.00
66	SIGN PANELS TYPE C	SQ FT	\$25.00	105.00	\$2,625.00		\$0.00	105.00	\$2,625.00
67	INSTALL 911 SIGN	EACH	\$22.00	38.00	\$836.00		\$0.00	38.00	\$836.00
68	INSTALL SIGN PANEL TYPE C	EACH	\$133.00	68.00	\$9,044.00	3.00	\$399.00	64.00	\$8,512.00
69	OBJECT MARKER/DELINEATOR	EACH	\$140.00	1.00	\$140.00		\$0.00	0.00	\$0.00
70	SILT FENCE, TYPE MS	LIN FT	\$2.75	730.00	\$2,007.50		\$0.00	733.00	\$2,015.75
71	SEDIMENT CONTROL LOG TYPE STRAW	LIN FT	\$5.00	1,750.00	\$8,750.00		\$0.00	2,162.00	\$10,810.00
72	ROCK CONSTRUCTION EXIT	EACH	\$550.00	6.00	\$3,300.00		\$0.00	0.00	\$0.00
73	TOPSOIL BORROW	CU YD	\$31.50	800.00	\$25,200.00	153.00	\$4,819.50	953.00	\$30,019.50
74	TURF ESTABLISHMENT (INCLUDES SEEDING, SEED MIX, FERTILIZER, AND HYDRAULIC MATRIX TYPE FRM)	SQ YD	\$2.75	21,000.00	\$57,750.00	17,955.00	\$49,376.25	29,155.00	\$80,176.25
75	TEMPORARY SEEDING (INCLUDES SEEDING, SEED MIX, AND MULCH)	SQ YD	\$0.40	15,000.00	\$6,000.00	3,600.00	\$1,440.00	3,600.00	\$1,440.00
76	PAVEMENT MESSAGE PAINT - LT ARROW	SQ FT	\$5.00	15.00	\$75.00	93.00	\$465.00	93.00	\$465.00
77	PAVEMENT MESSAGE PAINT - RT ARROW	SQ FT	\$5.00	15.00	\$75.00	15.00	\$75.00	15.00	\$75.00
78	PAVEMENT MESSAGE WHITE - BIKE SYMBOL - POLY PREFORM (GROUND IN)	SQ FT	\$75.00	35.00	\$2,625.00	35.00	\$2,625.00	35.00	\$2,625.00
79	8" SOLID WHITE LINE, POLY PREFORM (GROUND IN)	LIN FT	\$8.25	1,000.00	\$8,250.00	970.00	\$8,002.50	970.00	\$8,002.50
80	8" DOTTED WHITE LINE, POLY PREFORM (GROUND IN)	LIN FT	\$8.25	76.00	\$627.00	74.00	\$610.50	74.00	\$610.50
81	4" SOLID WHITE LINE, PAINT	LIN FT	\$0.10	295.00	\$29.50	237.00	\$23.70	237.00	\$23.70
82	8" SOLID WHITE LINE, PAINT	LIN FT	\$0.15	14,148.00	\$2,122.20	14,647.00	\$2,197.05	14,647.00	\$2,197.05
83	12" SOLID WHITE LINE, PAINT	LIN FT	\$2.75	143.00	\$393.25		\$0.00	0.00	\$0.00
84	12" SOLID YELLOW LINE, PAINT	LIN FT	\$3.00	83.00	\$249.00	48.00	\$144.00	48.00	\$144.00
85	STOP BAR, 24" WHITE PAINT	LIN FT	\$3.30	290.00	\$957.00		\$0.00	0.00	\$0.00
88	4" BROKEN YELLOW LINE, PAINT	LIN FT	\$0.10	860.00	\$86.00	1,289.00	\$128.90	1,289.00	\$128.90
87	4" DOUBLE SOLID YELLOW LINE, PAINT	LIN FT	\$0.20	3,575.00	\$715.00	4,740.00	\$948.00	4,740.00	\$948.00

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APPLICATION FOR PAYMENT NO. 4

CONTRACTOR FOR: 2016 FAIRVIEW ROAD IMPROVEMENTS

PROJECT NO. BAXTE 133678
CITY NO. 4113
OWNER CITY OF BAXTER, MN
CONTRACTOR ANDERSON BROTHERS CONSTRUCTION CO.

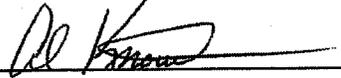
AGREEMENT DATE: 6/7/2016

FOR WORK ACCOMPLISHED THROUGH: 9/23/2016

ITEM	DESCRIPTION	UNIT	UNIT COST	CONTRACT		THIS PAYMENT		WORK TO DATE	
				QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
SEWER									
88	COMMON EXCAVATION (SUPER AMERICA POND)	CU YD	\$10.00	892.00	\$8,920.00		\$0.00	892.00	\$8,920.00
89	EXCAVATE AND DISPOSE OF CONTAMINATED MATERIAL	CU YD	\$50.00	350.00	\$17,500.00		\$0.00	0.00	\$0.00
90	REMOVE CHAIN LINK FENCE	LIN FT	\$5.00	30.00	\$150.00	20.00	\$100.00	20.00	\$100.00
91	REPAIR CHAIN LINK FENCE	LIN FT	\$10.00	100.00	\$1,000.00		\$0.00	70.00	\$700.00
92	60" CHAIN LINK FENCE	LIN FT	\$14.00	220.00	\$3,080.00	74.00	\$1,036.00	220.00	\$3,080.00
93	60" CHAIN LINK VEHICULAR GATE	EACH	\$825.00	1.00	\$825.00	1.00	\$825.00	1.00	\$825.00
94	RANDOM RIPRAP, CLASS III	CU YD	\$65.00	31.00	\$2,015.00		\$0.00	22.00	\$1,430.00
95	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	EACH	\$1,350.00	1.00	\$1,350.00		\$0.00	1.00	\$1,350.00
96	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-2024	EACH	\$1,700.00	1.00	\$1,700.00		\$0.00	2.00	\$3,400.00
97	CONSTRUCT DRAINAGE STRUCTURE DES 48-4020	EACH	\$3,500.00	2.00	\$7,000.00		\$0.00	2.00	\$7,000.00
98	12" CM PIPE CULVERT	LIN FT	\$27.00	96.00	\$2,592.00		\$0.00	96.00	\$2,592.00
99	15" RCP PIPE SEWER DESIGN 3006, CL V	LIN FT	\$53.00	50.00	\$2,650.00		\$0.00	48.00	\$2,544.00
100	18" RC PIPE SEWER DES 3006, CL V	LIN FT	\$51.00	443.00	\$22,593.00		\$0.00	495.00	\$25,245.00
101	12" CS PIPE APRON	EACH	\$145.00	4.00	\$580.00		\$0.00	4.00	\$580.00
102	15" RCP APRON W/TRASH GUARD	EACH	\$1,100.00	1.00	\$1,100.00		\$0.00	1.00	\$1,100.00
103	18" RCP APRON W/TRASH GUARD	EACH	\$1,450.00	1.00	\$1,450.00		\$0.00	2.00	\$2,900.00
TOTAL ITEMS BID					\$945,625.00		\$98,435.13		\$926,664.93
CHANGE ORDER NO. 1									
104	TIED CONCRETE BLOCK MAT (FLEXAMAT)	SQ FT	\$13.61	720.00	\$9,799.20		\$0.00	720.00	\$9,799.20
TOTAL ITEMS BID					\$9,799.20		\$0.00		\$9,799.20
SUMMARY									
TOTAL ITEMS BID					\$945,625.00		\$98,435.13		\$926,664.93
CHANGE ORDER NO. 1					\$9,799.20		\$0.00		#####
TOTAL					\$955,424.20		\$98,435.13		\$936,464.13

The undersigned Contractor certifies that all previous payments received from the Owner for work done under this contract have been applied to discharge in full all obligations the Contractor incurred in connection with the work covered by said progress payments. The undersigned Contractor agrees to pay all subcontractors within 10 days of receipt of payment from the municipality for undisputed services provided by the subcontractor. The Contractor agrees to pay interest as described under Minnesota state statute. In accordance with Minnesota Uniform Transaction Act, an electronic signature on this document is binding and afforded the same effect as if the document was signed by hand.

Gross Amount Due \$936,464.13
Less Retainage (5%) \$46,823.21
Amount Eligible to Date \$889,640.92
Less Previous Payments \$796,127.55
Amount Due This Application \$93,513.37

SUBMITTED ANDERSON BROTHERS CONSTRUCTION CO. C BY:  DATE: 9/28/16
PO BOX 668
BRAINERD, MN 56401-0668

RECOMMENDED SEH BY:  DATE: 9-28-16
416 S 6TH ST STE 200
BRAINERD, MN 56401

APPROVED CITY OF BAXTER BY: Kelly Steele, Asst. City Administrator/Clerk DATE:
PO BOX 2626
BAXTER, MN 56425-2626

APPROVED CITY OF BAXTER BY: Darrel Olson, Mayor DATE:
PO BOX 2626
BAXTER, MN 56425-2626

APPROVED CITY OF BAXTER - UTILITIES COMMISSION BY: DATE:
PO BOX 2626
BAXTER, MN 56425-2626



Building a Better World
for All of Us®

MEMORANDUM

TO: Honorable Mayor and City Council and Utilities Commission
c/o Trevor Walter, PE
City of Baxter, Minnesota

FROM: Scott Hedlund, PE

DATE: September 28, 2016

RE: 2018 Cypress Drive Improvements
Monthly Project Status Update
SEH No. BAXTE 138944 20.00

The following is an update on the status of the various work tasks on the project:

- A. Preliminary Design
 - Topographic design survey update work has started.
 - Gopher state one call utility locate tickets have been called in.
 - Property ownership and encumbrance reports have been ordered.
 - Traffic study update work has started.
 - Stormwater design update work has been started.
 - Geometric design update work has started.
- B. Railroad Agreements
 - Working with BNSF on site access.
- C. Phase 1 Environmental Site Assessment
 - Agency files have been requested, records ordered
 - Contacts have been made with MNDOT, BNSF environmental staff.
 - Started background assessment work.

The following is an update on the status of the project budget:

- D. Total project budget:
 - The preliminary total project budget based on the 2016 bonding bill request is \$10.8M.
 - An updated budget is being developed with the preliminary design.
- E. Consultant budget:
 - There are no unapproved scope changes at this time.

c: Kelly Steele, Jeremy Vacinek – City of Baxter

sh

p:\ae\b\baxte\138944\2-proj-mgmt\monthly project status memos\m seh to city 2018 cypress drive project status memo 092816.docx

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 416 South 6th Street, Suite 200, Brainerd, MN 56401-3540

SEH is 100% employee-owned | sehinc.com | 218.855.1700 | 866.852.8880 | 888.908.8166 fax



MEMO

Date: September 28, 2016
To: Baxter City Council
From: Aric Welch
Cc: Trevor Walter
Project Name: 2016 Mill and Overlay, FDR and Turn Lane Improvements
Project No.: 0102B0379.000
Subject: Project Update

Brainerd/Baxter
7804 Industrial Park Road
PO Box 2720
Baxter, MN 56425-2720

218.829.5117
218.829.2517

Brainerd@wsn.us.com

WidsethSmithNolting.com

Summary of Work Completed Since Last Update

Shouldering, turf restoration and pavement markings are now complete and the Contractor has been working on punch list items.

Work Remaining

The signage for the project including "No Parking" signs on Maplewood Drive and trail signs on College Road and Cedardale Lane have not been completed. The signs have been ordered and should be installed in the next couple of weeks. The Contractor also continues to work on final punch list items. We anticipate all work will be complete and ready for final payment by the middle of October.

Changes

Permanent Erosion Control

- Flexamat (permanent erosion control mat similar to rip rap) was installed at the curb spillway on the 90-degree Maplewood Drive curve, the storm sewer outlet to White Sand Lake and the driveway culvert on John Street.

Maplewood Signage

- "No Parking" signs will be added to the curbed sections of roadway by the school and 90-degree curve. Sign modifications are also planned for the dead end portion of the Maplewood Drive east of Art Ward Drive.

A Change Order will be prepared to address the changes outlined above and in the previous project updates. The Change Order will accompany the final pay estimate.

Pay Estimate

To total earned to date is \$806,865.64. Retainage is \$40,343.28 or 5% of the amount earned. Total due this pay estimate is \$61,757.17. The project is currently under budget and we have no concerns with Pay Estimate No. 3 and recommend approval.

**PARTIAL PAYMENT ESTIMATE
NUMBER 3**

Name of Contractor:	Tri-City Paving, Inc. 13504 Hven Road, PO Box 326 Little Falls, MN 56345	
Name of Owner:	City of Baxter 13190 Memorywood Drive, PO Box 2826 Baxter, MN 56425	
Date of Completion: Original: See Agreement Revised:	Amount of Contract: Original: \$806,167.45 Revised:	Dates of Estimate: From: 8/25/16 To: 9/23/16

Description of Project:
2016 MILL & OVERLAY, FULL DEPTH RECLAMATION AND TURN LANE IMPROVEMENTS
MUNICIPAL PROJECT NUMBER 4416
BAXTER, MN

ITEM NO.	ITEM DESCRIPTION	CONTRACT ITEMS				THIS PERIOD		TOTAL TO DATE	
		QTY.	UNIT	UNIT PRICE	AMOUNT	QTY.	AMOUNT	QTY.	AMOUNT
2021.501	MOBILIZATION	1	LUMP SUM	\$35,000.00	\$35,000.00			1	\$35,000.00
2101.502	CLEARING	5	TREE	\$100.00	\$500.00			2	\$200.00
2101.507	GRUBBING	5	TREE	\$100.00	\$500.00			2	\$200.00
2102.502	PAVEMENT MARKING REMOVAL-PERMANENT	480	LIN FT	\$3.00	\$1,440.00	291	\$873.00	291	\$873.00
2104.501	REMOVE SEWER PIPE (STORM)	51	LIN FT	\$25.00	\$1,275.00			54	\$1,350.00
2104.501	REMOVE CURB AND GUTTER	1297	LIN FT	\$4.00	\$5,188.00			1364	\$5,456.00
2104.501	REMOVE SANITARY SERVICE PIPE	46	LIN FT	\$25.00	\$1,150.00			20	\$500.00
2104.501	REMOVE WATER SERVICE PIPE	48	LIN FT	\$28.00	\$1,344.00			20	\$560.00
2104.505	REMOVE CONCRETE PAVEMENT	130	SO YD	\$10.00	\$1,300.00			151	\$1,510.00
2104.505	REMOVE BITUMINOUS PAVEMENT	1850	SO YD	\$1.85	\$3,402.50			2380	\$4,380.00
2104.508	REMOVE CASTING	13	EACH	\$200.00	\$2,600.00			15	\$3,000.00
2104.508	REMOVE CURB STOP AND BOX	2	EACH	\$500.00	\$1,000.00			2	\$1,000.00
2104.508	REMOVE SANITARY CLEANOUT	2	EACH	\$500.00	\$1,000.00			2	\$1,000.00
2104.509	REMOVE DRAINAGE STRUCTURE	1	EACH	\$1,000.00	\$1,000.00			1	\$1,000.00
2104.511	SAVING CONCRETE PAVEMENT (FULL DEPTH)	263	LIN FT	\$3.00	\$789.00			169	\$507.00
2104.511	SAVING BITUMINOUS PAVEMENT (FULL DEPTH)	2216	LIN FT	\$1.00	\$2,216.00			2519	\$2,519.00
2104.523	SALVAGE SIGN TYPE C	4	EACH	\$30.00	\$120.00			4	\$120.00
2104.601	RELOCATE MAILBOXES AND SUPPORT	1	LUMP SUM	\$100.00	\$100.00			1	\$100.00
2104.601	RELOCATE BUILDING SIGN	1	LUMP SUM	\$2,000.00	\$2,000.00			1	\$2,000.00
2104.601	SALVAGE IRRIGATION EQUIPMENT	1	LUMP SUM	\$2,000.00	\$2,000.00			1	\$2,000.00
2105.501	COMMON EXCAVATION	1440	CU YD	\$10.00	\$14,400.00			1480	\$14,800.00
2105.504	DITCH EXCAVATION	835	SO YD	\$3.00	\$2,505.00	180	\$540.00	1537	\$4,611.00
2211.503	AGGREGATE BASE (CV) CLASS 5	290	CU YD	\$20.00	\$5,800.00	60	\$1,200.00	475	\$9,500.00
2112.603	RECLAIMED AGGREGATE BASE PREPARATION	20	ROAD STA	\$100.00	\$2,000.00			20	\$2,000.00
2123.610	STREET SWEEPER (TYPE WET PICKUP)	23	HOURL	\$50.00	\$1,150.00	3	\$150.00	6	\$300.00
2130.501	WATER	100	MGAL	\$10.00	\$1,000.00			110	\$1,100.00
2215.501	FULL DEPTH RECLAMATION	9490	SO YD	\$1.00	\$9,490.00			9490	\$9,490.00
2232.501	MILL BITUMINOUS SURFACE (1.5")	82338	SO YD	\$1.00	\$82,338.00			82338	\$82,338.00
2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	69	SO YD	\$10.00	\$690.00	77.3	\$773.00	77.3	\$773.00
2302.618	SPOT FULL DEPTH REPAIR	1010	SO YD	\$10.00	\$10,100.00	44	\$440.00	2253	\$22,630.00
2360.501	TYPE SP 9.5 WEARING COURSE MIXTURE (2.B)	7170	TON	\$40.00	\$286,800.00	3	\$120.00	7384.56	\$294,582.40
2360.501	TYPE SP 9.5 WEARING COURSE MIXTURE (2.C)	2615	TON	\$47.00	\$122,905.00			2310.97	\$108,615.59
2503.541	12" RC PIPE SEWER DESIGN 3006 CLASS V	47	LIN FT	\$50.00	\$2,350.00			89	\$4,450.00
2503.541	16" RC PIPE SEWER DESIGN 3006 CLASS V	51	LIN FT	\$60.00	\$3,060.00			51	\$2,550.00
2503.602	MANHOLE ADJUSTING RINGS	20	EACH	\$50.00	\$1,000.00			27	\$1,350.00
2503.602	CONNECT TO EXISTING SANITARY SEWER SERVICE	1	EACH	\$1,000.00	\$1,000.00			2	\$2,000.00
2503.602	CONNECT TO EXISTING WATER SERVICE	2	EACH	\$1,000.00	\$2,000.00			2	\$2,000.00
2604.801	INSTALL IRRIGATION EQUIPMENT	1	LUMP SUM	\$5,000.00	\$5,000.00			1	\$5,000.00
2504.602	ADJUST VALVE BOX	15	EACH	\$200.00	\$3,000.00			15	\$3,000.00
2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-48	7.82	LIN FT	\$300.00	\$2,346.00			14.4	\$4,320.00
2506.516	CASTING ASSEMBLY (700-7)	8	EACH	\$750.00	\$6,000.00			6	\$4,500.00
2506.602	RECONSTRUCT DRAINAGE STRUCTURE	12	EACH	\$500.00	\$6,000.00			12	\$6,000.00
2506.602	ADJUST FRAME AND RING CASTING (SANITARY)	23	EACH	\$90.00	\$2,070.00			15	\$1,350.00
2506.602	CONNECT TO EXISTING DRAINAGE STRUCTURE	1	EACH	\$2,500.00	\$2,500.00			1	\$2,500.00
2531.501	CONCRETE CURB AND GUTTER DESIGN B612	282	LIN FT	\$20.00	\$5,640.00			288	\$5,760.00
2531.501	CONCRETE CURB AND GUTTER DESIGN B618	673	LIN FT	\$25.00	\$16,825.00			656	\$16,400.00
2531.501	CONCRETE CURB AND GUTTER DESIGN B624	613	LIN FT	\$25.00	\$15,325.00			780	\$19,500.00
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	81	SO YD	\$80.00	\$6,480.00			80.87	\$6,469.56
2531.507	8" CONCRETE DRIVEWAY PAVEMENT	32	SO YD	\$100.00	\$3,200.00			53.2	\$5,320.00
2531.603	CONCRETE GUTTER DESIGN SPECIAL	42	LIN FT	\$100.00	\$4,200.00			42	\$4,200.00
2531.604	8" CONCRETE VALLEY GUTTER	53	SO YD	\$50.00	\$2,650.00			53	\$2,650.00
2531.618	TRUNCATED DOMES	108	SO FT	\$50.00	\$5,400.00			80	\$4,000.00
2563.601	TRAFFIC CONTROL	1	LUMP SUM	\$12,000.00	\$12,000.00			1	\$12,000.00
2564.550	DELINEATOR TYPE X4-13	16	EACH	\$85.00	\$1,360.00				
2564.602	INSTALL SIGN	4	EACH	\$100.00	\$400.00			2	\$2,000.00
2565.602	RIGID PVC LOOP DETECTOR 8X6"	6	EACH	\$1,000.00	\$6,000.00			10	\$1,000.00
2571.502	DECIDUOUS TREE 10' HT B&B	5	TREE	\$700.00	\$3,500.00			10	\$2,800.00
2573.530	STORM DRAIN INLET PROTECTION	26	EACH	\$120.00	\$3,120.00			24	\$2,800.00
2573.533	SEDIMENT CONTROL LOG TYPE COMPOST	400	LIN FT	\$5.00	\$2,000.00			440	\$2,200.00
2573.535	STABILIZED CONSTRUCTION EXIT	2	LUMP SUM	\$1,000.00	\$2,000.00				
2574.525	SCREENED TOPSOIL BORROW (LV)	655	CU YD	\$30.00	\$19,650.00	363	\$10,890.00	553	\$16,590.00
2575.505	SODDING TYPE LAWN	937	SO YD	\$6.00	\$5,622.00	1470	\$8,820.00	1470	\$8,820.00
2575.604	SITE RESTORATION	9414	SO YD	\$4.50	\$42,363.00	7450	\$33,525.00	7654	\$34,443.00
2582.501	PAVEMENT MESSAGE PAINT	190	SO FT	\$5.25	\$997.50	167	\$876.75	293	\$1,538.25
2582.502	4" SOLID LINE PAINT	2495	LIN FT	\$0.45	\$1,122.75	1530	\$688.50	2382	\$1,071.90
2582.502	8" SOLID LINE PAINT	204	LIN FT	\$1.50	\$306.00	113	\$169.50	113	\$169.50
2582.502	12" SOLID LINE PAINT	125	LIN FT	\$4.00	\$500.00			130	\$520.00
2582.502	4" BROKEN LINE PAINT	3274	LIN FT	\$0.30	\$982.20	3270	\$981.00	3370	\$1,011.00
2582.502	4" DOUBLE SOLID LINE PAINT	8270	LIN FT	\$0.60	\$4,962.00	8268	\$4,960.80	9889	\$5,933.40
2611.4A	1-1/2" POLYETHYLENE SERVICE PIPE	48	LIN FT	\$50.00	\$2,400.00			20	\$1,000.00
2611.4D	1-1/2" CURB STOP & BOX	2	EACH	\$1,500.00	\$3,000.00			2	\$3,000.00
2621.4F	6" PVC SERVICE PIPE (SCH 40)	46	LIN FT	\$50.00	\$2,300.00			20	\$1,000.00
2621.4F	6" PVC CLEAN OUT RISER (SCH 40)	2	EACH	\$500.00	\$1,000.00			2	\$1,000.00
2621.4H	1' MANHOLE CONCRETE SECTION	1	EACH	\$2,000.00	\$2,000.00			1	\$2,000.00
	SCOURSTOP TRANSITION MAT	11	SO YD	\$150.00	\$1,650.00			8	\$900.00
TOTAL:					\$806,167.45		\$65,007.55		\$806,865.64

	THIS PERIOD	TOTAL TO DATE
AMOUNT EARNED	\$65,007.55	\$808,685.64
AMOUNT RETAINED (5% OF AMOUNT EARNED TO DATE)	\$3,250.38	\$40,343.28
RETAINAGE RELEASED		\$704,785.19
PREVIOUS PAYMENTS	\$61,757.17	\$61,757.17
AMOUNT DUE		

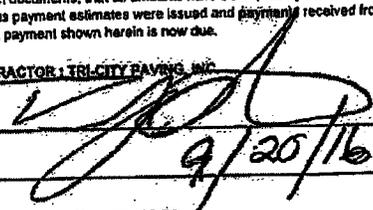
Estimated Percentage Completed:

100.1%

CONTRACTOR'S CERTIFICATION:

The undersigned Contractor certifies that to the best of their knowledge, information and belief the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the Contractor for work for which previous payment estimates were issued and payment received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: TRICITY PAVING, INC.

BY:  _____

Date: 9/20/16 _____

APPROVED BY CITY OF BAXTER:

BY: Kelly Steele, Assistant City Administrator / City Clerk _____

Date: _____

APPROVED BY CITY OF BAXTER:

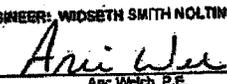
BY: Darrel Olson, Mayor _____

Date: _____

ENGINEER'S CERTIFICATION:

The undersigned endorses that to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.

ENGINEER: WIDSETH SMITH NOLTING

BY:  _____
Arni Welch, P.E.

Date: 9-26-16 _____

RECOMMENDED FOR APPROVAL BY CITY OF BAXTER - UTILITIES COMMISSION

BY: _____

Date: _____

PARTIAL PAY ESTIMATE 3 - ATTACHMENT A
2016 MILL & OVERLAY, FULL DEPTH RECLAMATION AND TURN LANE IMPROVEMENTS
MUNICIPAL PROJECT NUMBER 4416
 Friday, September 23, 2016

ITEM NO.	SPEC. NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	MILL & OVERLAY										
					CONTRACT		THIS PERIOD		TOTAL TO DATE						
					QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT					
2021.501		MOBILIZATION	LUMP SUM	\$35,000.00											
2101.502		CLEARING	TREE	\$100.00											
2101.507		GRUBBING	TREE	\$100.00											
2102.502		PAVEMENT MARKING REMOVAL-PERMANENT	LIN FT	\$3.00											
2104.501		REMOVE SEWER PIPE (STOP)	LIN FT	\$25.00						3					\$75.00
2104.501		REMOVE CURB AND GUTTER	LIN FT	\$4.00											
2104.501		REMOVE SANITARY SERVICE PIPE	LIN FT	\$25.00											
2104.501		REMOVE WATER SERVICE PIPE	LIN FT	\$25.00											
2104.505		REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00											
2104.505		REMOVE BITUMINOUS PAVEMENT	SQ YD	\$1.00											
2104.509		REMOVE CASTING	EACH	\$200.00											
2104.509		REMOVE CURB STOP AND BOX	EACH	\$500.00											
2104.509		REMOVE SANITARY CLEANOUT	EACH	\$300.00											
2104.509		REMOVE DRAINAGE STRUCTURE	EACH	\$1,000.00											
2104.511		SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$3.00											
2104.511		SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$1.00											
2104.523		SALVAGE SIGN TYPE C	EACH	\$30.00											
2104.601		RELOCATE MAILBOX AND SUPPORT	LUMP SUM	\$100.00											
2104.601		RELOCATE BUILDING SIGN	LUMP SUM	\$2,000.00											
2104.601		SALVAGE IRRIGATION EQUIPMENT	LUMP SUM	\$2,000.00											
2105.501		COMMON EXCAVATION	CU YD	\$10.00											
2105.604		DITCH EXCAVATION	SQ YD	\$3.00											
2211.503		AGGREGATE BASE (CV) CLASS 5	CU YD	\$20.00											
2112.603		RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$100.00											
2123.610		STREET SWEEPER (TYPE WET PICKUP)	HOUR	\$50.00											
2130.501		WATER	MGAL	\$10.00											
2215.501		FULL DEPTH RECLAMATION	SQ YD	\$1.00											
2222.501		MILL BITUMINOUS SURFACE (1.5")	SQ YD	\$11.00											
2302.604		BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$10.00											
2302.618		SPOT FULL DEPTH REPAIR	SQ YD	\$10.00											
2360.501		TYPE SP 9.5 WEARING COURSE MIXTURE (2.B)	TON	\$40.00											
2360.501		TYPE SP 9.5 WEARING COURSE MIXTURE (2.C)	TON	\$47.00											
2503.541		12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$50.00											
2503.541		15" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$50.00											
2503.602		MANHOLE ADJUSTING RINGS	EACH	\$50.00											
2503.602		CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	\$1,000.00											
2503.602		CONNECT TO EXISTING WATER SERVICE	EACH	\$1,000.00											
2504.601		INSTALL IRRIGATION EQUIPMENT	LUMP SUM	\$5,000.00											
2504.602		ADJUST VALVE BOX	EACH	\$200.00											
2506.501		CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	\$300.00											
2506.516		CASTING ASSEMBLY (700-7)	EACH	\$750.00											
2506.602		RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$500.00											
2506.602		ADJUST FRAME AND RING CASTING (SANITARY)	EACH	\$50.00											
2506.602		CONNECT TO EXISTING DRAINAGE STRUCTURE	EACH	\$2,500.00											
2531.501		CONCRETE CURB AND GUTTER DESIGN B612	LIN FT	\$20.00											
2531.501		CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	\$25.00											
2531.501		CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	\$25.00											
2531.507		6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$80.00											
2531.507		8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$100.00											
2531.603		CONCRETE GUTTER DESIGN SPECIAL	LIN FT	\$100.00											
2531.604		6" CONCRETE VALLEY GUTTER	SQ YD	\$100.00											
2531.618		TRUNCATED DOMES	SQ FT	\$50.00											
2563.601		TRAFFIC CONTROL	LUMP SUM	\$12,000.00											
2564.550		DELINEATOR TYPE X4-13	EACH	\$85.00											
2564.602		INSTALL SIGN	EACH	\$100.00											
2565.602		RIGID PVC LOOP DETECTOR 6"x6"	EACH	\$1,000.00											
2571.502		DECIDUOUS TREE 10' HT B&B	TREE	\$700.00											
2573.530		STORM DRAIN INLET PROTECTION	EACH	\$120.00											
2573.533		SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	\$5.00											
2573.535		STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$1,000.00											
2574.525		SCREENED TOPSOIL BORROW (LV)	CU YD	\$30.00											
2575.505		SODDING TYPE LAWN	SQ YD	\$5.00											
2575.604		SITE RESTORATION	SQ YD	\$4.50											
2582.501		PAVEMENT MESSAGE PAINT	SQ FT	\$5.25											
2582.502		4" SOLID LINE PAINT	LIN FT	\$0.45											
2582.502		8" SOLID LINE PAINT	LIN FT	\$1.50											
2582.502		12" SOLID LINE PAINT	LIN FT	\$4.00											
2582.502		4" BROKEN LINE PAINT	LIN FT	\$0.30											
2582.502		4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.80											
2611.4A		1-1/2" POLYETHYLENE SERVICE PIPE	LIN FT	\$50.00											
2611.4D		1-1/2" CURB STOP & BOX	EACH	\$1,500.00											
2621.4F		6" PVC SERVICE PIPE (SCH 40)	LIN FT	\$50.00											
2621.4F		6" PVC CLEAN OUT RISER (SCH 40)	EACH	\$500.00											
2621.4H		1' MANHOLE CONCRETE SECTION	EACH	\$2,000.00											
-		SCOURSTOP TRANSITION MAT	SQ YD	\$150.00											
TOTALS:															
AMOUNT RETAINED (5% OF AMOUNT EARNED TO DATE):															
RETAINAGE RELEASED:															
PREVIOUS PAYMENTS															
AMOUNT DUE:															
					\$478,804.20		\$53,246.80		\$474,758.71						
							\$2,862.34		\$23,737.84						
									\$400,436.31						
							\$50,584.48		\$50,584.48						

PARTIAL PAY ESTIMATE 3 - ATTACHMENT A
2016 MILL & OVERLAY, FULL DEPTH RECLAMATION AND TURN L/
MUNICIPAL PROJECT NUMBER 4416
 Friday, September 23, 2016

ITEM NO.	SPEC. NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	FULL DEPTH RECLAMATION										
					CONTRACT		THIS PERIOD		TOTAL TO DATE						
					QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT					
	2021.501	MOBILIZATION	LUMP SUM	\$35,000.00											
	2101.502	CLEARING	TREE	\$100.00											
	2101.507	GRUBBING	TREE	\$100.00											
	2102.502	PAVEMENT MARKING REMOVAL-PERMANENT	LN FT	\$3.00											
	2104.501	REMOVE SEWER PIPE (STORM)	LN FT	\$25.00											
	2104.501	REMOVE CURB AND GUTTER	LN FT	\$4.00											
	2104.501	REMOVE SANITARY SERVICE PIPE	LN FT	\$25.00	810	\$3,240.00			774					\$3,096.00	
	2104.501	REMOVE WATER SERVICE PIPE	LN FT	\$25.00											
	2104.505	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00	32	\$320.00			53					\$530.00	
	2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$1.00	73	\$73.00			187					\$197.00	
	2104.509	REMOVE CASTING	EACH	\$200.00	12	\$2,400.00			12					\$2,400.00	
	2104.509	REMOVE CURB STOP AND BOX	EACH	\$500.00											
	2104.509	REMOVE SANITARY CLEANOUT	EACH	\$500.00											
	2104.529	REMOVE DRAINAGE STRUCTURE	EACH	\$1,000.00											
	2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LN FT	\$3.00	250	\$750.00			158					\$474.00	
	2104.511	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LN FT	\$1.00	685	\$685.00			839					\$839.00	
	2104.523	SALVAGE SIGN TYPE C	EACH	\$30.00											
	2104.601	RELOCATE MAILBOX AND SUPPORT	LUMP SUM	\$100.00											
	2104.601	RELOCATE BUILDING SIGN	LUMP SUM	\$2,000.00											
	2104.601	SALVAGE IRRIGATION EQUIPMENT	LUMP SUM	\$2,000.00											
	2105.501	COMMON EXCAVATION	CU YD	\$10.00											
	2105.604	DITCH EXCAVATION	SQ YD	\$3.00	620	\$9,200.00			620					\$9,200.00	
	2211.203	AGGREGATE BASE (C3) CLASS 5	CU YD	\$20.00											
	2112.603	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$100.00	20	\$2,000.00			20					\$2,000.00	
	2123.610	STREET SWEEPER (TYPE WET PICKUP)	HOUR	\$50.00	13	\$650.00			3					\$150.00	
	2130.501	WATER	MGAL	\$10.00	100	\$1,000.00			110					\$1,100.00	
	2215.501	FULL DEPTH RECLAMATION	SQ YD	\$1.00	9460	\$9,460.00			9460					\$9,460.00	
	2232.501	MILL BITUMINOUS SURFACE (1.5")	SQ YD	\$1.00											
	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$10.00	18	\$180.00									
	2302.616	SPOT FULL DEPTH REPAIR	SQ YD	\$10.00											
	2360.501	TYPE SP 8.5 WEARING COURSE MIXTURE (2.B)	TON	\$40.00											
	2360.501	TYPE SP 8.5 WEARING COURSE MIXTURE (2.C)	TON	\$47.00											
	2503.541	12" RC PIPE SEWER DESIGN 3008 CLASS V	LN FT	\$50.00	2300	\$108,100.00			2275.24					\$106,638.28	
	2503.541	15" RC PIPE SEWER DESIGN 3008 CLASS V	LN FT	\$50.00											
	2503.602	MANHOLE ADJUSTING RINGS	EACH	\$50.00											
	2503.602	CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	\$1,000.00											
	2503.602	CONNECT TO EXISTING WATER SERVICE	EACH	\$1,000.00											
	2504.601	INSTALL IRRIGATION EQUIPMENT	LUMP SUM	\$5,000.00											
	2504.602	ADJUST VALVE BOX	EACH	\$200.00											
	2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-48	LN FT	\$300.00	13	\$2,600.00			13					\$2,600.00	
	2506.516	CASTING ASSEMBLY (700-7)	EACH	\$750.00											
	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$500.00	12	\$6,000.00			12					\$6,000.00	
	2506.602	ADJUST FRAME AND RING CASTING (SANITARY)	EACH	\$500.00	7	\$3,500.00			7					\$3,500.00	
	2506.602	CONNECT TO EXISTING DRAINAGE STRUCTURE	EACH	\$2,500.00											
	2531.501	CONCRETE CURB AND GUTTER DESIGN B612	LN FT	\$20.00											
	2531.501	CONCRETE CURB AND GUTTER DESIGN B618	LN FT	\$25.00	673	\$16,825.00			575					\$14,375.00	
	2531.501	CONCRETE CURB AND GUTTER DESIGN B624	LN FT	\$25.00	137	\$3,425.00			199					\$4,975.00	
	2531.507	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$80.00											
	2531.507	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$100.00	32	\$3,200.00			33.2					\$5,320.00	
	2531.603	CONCRETE GUTTER DESIGN SPECIAL	LN FT	\$100.00											
	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	\$100.00											
	2531.616	TRUNCATED DOMES	SQ FT	\$50.00											
	2563.601	TRAFFIC CONTRL	LUMP SUM	\$12,000.00	0.25	\$3,000.00			0.25					\$3,000.00	
	2564.602	DELINEATOR TYPE X4-13	EACH	\$85.00											
	2564.602	INSTALL SIGN	EACH	\$100.00											
	2565.602	RIGID PVC LOOP DETECTOR 6"x6"	EACH	\$1,000.00	6	\$6,000.00			2					\$2,000.00	
	2571.502	DECIDUOUS TREE 10 HT 8&B	TREE	\$700.00											
	2573.530	STORM DRAIN INLET PROTECTION	EACH	\$120.00	23	\$2,760.00			20					\$2,400.00	
	2573.533	SEDIMENT CONTROL LOG TYPE COMPOST	LN FT	\$5.00	400	\$2,000.00			410					\$2,050.00	
	2573.535	STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$1,000.00	2	\$2,000.00									
	2574.525	SCREENED TOPSOIL BORROW (LV)	CU YD	\$30.00	53	\$1,590.00			22					\$660.00	
	2575.605	SODDING TYPE LAWN	SQ YD	\$6.00											
	2575.604	SITE RESTORATION	SQ YD	\$4.50	480	\$2,160.00			204					\$918.00	
	2582.501	PAVEMENT MESSAGE PAINT	SQ FT	\$5.25	144	\$756.00		20	\$105.00					\$766.50	
	2582.502	4" SOLID LINE PAINT	LN FT	\$0.45	820	\$414.00			852					\$388.40	
	2582.502	8" SOLID LINE PAINT	LN FT	\$1.50											
	2582.502	12" SOLID LINE PAINT	LN FT	\$4.00	125	\$500.00			130					\$520.00	
	2582.502	4" BROKEN LINE PAINT	LN FT	\$0.30	120	\$36.00			100					\$30.00	
	2582.502	4" DOUBLE SOLID LINE PAINT	LN FT	\$0.60	1280	\$768.00			1621					\$972.60	
	2611.4A	1-1/2" POLYETHYLENE SERVICE PIPE	LN FT	\$50.00											
	2611.4D	1-1/2" CURB STOP & BOX	EACH	\$1,500.00											
	2621.4F	8" PVC SERVICE PIPE (SCH 40)	LN FT	\$50.00											
	2621.4F	8" PVC CLEAN OUT RISER (SCH 40)	EACH	\$500.00											
	2621.4H	1" MANHOLE CONCRETE SECTION	EACH	\$2,000.00	1	\$2,000.00			1					\$2,000.00	
		SCOURSTOP TRANSITION MAT	SQ YD	\$150.00											

TOTALS: AMOUNT RETAINED (5% OF AMOUNT EARNED TO DATE): \$206,342.00 \$105.00 \$197,602.78
 RETAINAGE RELEASED: \$5.25 \$9,880.14
 PREVIOUS PAYMENTS \$187,622.89
 AMOUNT DUE: \$99.75 \$99.75

PARTIAL PAY ESTIMATE 3 - ATTACHMENT A
2016 MILL & OVERLAY, FULL DEPTH RECLAMATION AND TURN L/
MUNICIPAL PROJECT NUMBER 4416
 Friday, September 23, 2016

ITEM NO.	SPEC. NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	TURN LANE IMPROVEMENTS									
					CONTRACT		THIS PERIOD		TOTAL TO DATE					
					QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT				
	2021.501	MOBILIZATION	LUMP SUM	\$35,000.00					0.15	\$5,250.00			0.15	\$5,250.00
	2101.502	CLEARING	TREE	\$100.00										
	2101.507	GRUBBING	TREE	\$100.00										
	2102.502	PAVEMENT MARKING REMOVAL-PERMANENT	LIN FT	\$3.00										
	2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	\$25.00										
	2104.501	REMOVE CURB AND GUTTER	LIN FT	\$4.00										
	2104.501	REMOVE SANITARY SERVICE PIPE	LIN FT	\$25.00										
	2104.501	REMOVE WATER SERVICE PIPE	LIN FT	\$25.00										
	2104.505	REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00										
	2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$1.00										
	2104.508	REMOVE CASTING	EACH	\$20.00										
	2104.508	REMOVE CURB STOP AND BOX	EACH	\$500.00										
	2104.509	REMOVE SANITARY CLEANOUT	EACH	\$500.00										
	2104.509	REMOVE DRAINAGE STRUCTURE	EACH	\$1,000.00										
	2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$3.00										
	2104.511	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$1.00										
	2104.523	SALVAGE SIGN TYPE C	EACH	\$30.00										
	2104.601	RELOCATE MAILBOX AND SUPPORT	LUMP SUM	\$100.00										
	2104.601	RELOCATE BUILDING SIGN	LUMP SUM	\$2,000.00										
	2104.601	SALVAGE IRRIGATION EQUIPMENT	LUMP SUM	\$2,000.00										
	2105.501	COMMON EXCAVATION	CU YD	\$10.00										
	2105.604	DITCH EXCAVATION	SQ YD	\$3.00										
	2211.503	AGGREGATE BASE (CV) CLASS 5	CU YD	\$20.00										
	2112.603	RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$100.00										
	2123.610	STREET SWEEPER (TYPE WET PICKUP)	WATER	\$50.00										
	2130.501	FULL DEPTH RECLAMATION	SQ YD	\$1.00										
	2232.501	MILL BITUMINOUS SURFACE (1.5")	SQ YD	\$1.00										
	2302.604	BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$10.00										
	2302.618	SPOT FULL DEPTH REPAIR	SQ YD	\$10.00										
	2360.501	TYPE SP 9.5 WEARING COURSE MIXTURE (2.B)	TON	\$40.00										
	2360.501	TYPE SP 9.5 WEARING COURSE MIXTURE (2.C)	TON	\$47.00										
	2503.541	12" RC PIPE SEWER DESIGN 3008 CLASS V	LIN FT	\$50.00										
	2503.541	15" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$50.00										
	2503.602	MANHOLE ADJUSTING RINGS	EACH	\$50.00										
	2503.602	CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	\$1,000.00										
	2503.602	CONNECT TO EXISTING WATER SERVICE	EACH	\$1,000.00										
	2504.601	INSTALL IRRIGATION EQUIPMENT	LUMP SUM	\$5,000.00										
	2504.602	ADJUST VALVE BOX	EACH	\$200.00										
	2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	\$300.00										
	2506.516	CASTING ASSEMBLY (700-7)	EACH	\$750.00										
	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$500.00										
	2506.602	ADJUST FRAME AND RING CASTING (SANITARY)	EACH	\$500.00										
	2506.602	CONNECT TO EXISTING DRAINAGE STRUCTURE	EACH	\$2,500.00										
	2531.501	CONCRETE CURB AND GUTTER DESIGN B612	LIN FT	\$20.00										
	2531.501	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	\$25.00										
	2531.501	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	\$25.00										
	2531.507	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$60.00										
	2531.507	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$100.00										
	2531.605	CONCRETE GUTTER DESIGN SPECIAL	LIN FT	\$100.00										
	2531.604	6" CONCRETE VALLEY GUTTER	SQ YD	\$100.00										
	2531.618	TRUNCATED DOMES	SQ FT	\$50.00										
	2563.601	TRAFFIC CONTROL	LUMP SUM	\$12,000.00										
	2564.550	DELINEATOR TYPE X4-13	EACH	\$65.00										
	2564.602	INSTALL SIGN	EACH	\$100.00										
	2565.602	RIGID PVC LOOP DETECTOR 6X6"	EACH	\$1,000.00										
	2571.502	DECIDUOUS TREE 10 HT BAR	TREE	\$700.00										
	2573.530	STORM DRAIN INLET PROTECTION	EACH	\$120.00										
	2573.533	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	\$5.00										
	2573.536	STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$1,000.00										
	2574.526	SCREENED TOPSOIL BORROW (LV)	CU YD	\$30.00										
	2575.505	SOODING TYPE LAWN	SQ YD	\$5.00										
	2576.604	SITE RESTORATION	SQ YD	\$4.50										
	2582.501	PAVEMENT MESSAGE PAINT	SQ FT	\$5.25										
	2582.502	4" SOLID LINE PAINT	LIN FT	\$0.45										
	2582.502	12" SOLID LINE PAINT	LIN FT	\$1.50										
	2582.502	4" BROKEN LINE PAINT	LIN FT	\$0.30										
	2582.502	4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.60										
	2611.4A	1-1/2" POLYETHYLENE SERVICE PIPE	LIN FT	\$50.00										
	2611.4D	1-1/2" CURB STOP & BOX	EACH	\$1,500.00										
	2621.4F	6" PVC SERVICE PIPE (SCH 40)	LIN FT	\$50.00										
	2621.4F	6" PVC CLEAN OUT RISER (SCH 40)	EACH	\$500.00										
	2621.4H	1" MANHOLE CONCRETE SECTION	EACH	\$2,000.00										
	-	SCOURSTOP TRANSITION MAT	SQ YD	\$150.00										

TOTALS:
 AMOUNT RETAINED (5% OF AMOUNT EARNED TO DATE):
 RETAINAGE RELEASED:
 PREVIOUS PAYMENTS
 AMOUNT DUE:

\$121,021.25	\$11,655.75	\$134,504.15
	\$582.78	\$6,725.21
	\$11,072.96	\$116,705.98
		\$11,072.98

PARTIAL PAY ESTIMATE 3 - ATTACHMENT A
2016 MILL & OVERLAY, FULL DEPTH RECLAMATION AND TURN L/
MUNICIPAL PROJECT NUMBER 4416
 Friday, September 23, 2016

ITEM NO.	SPEC. NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	TOTALS					
					CONTRACT		THIS PERIOD		TOTAL TO DATE	
					QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
2021.501		MOBILIZATION	LUMP SUM	\$35,000.00	1	\$35,000.00			1	\$35,000.00
2101.502		CLEARING	TREE	\$100.00	5	\$500.00			2	\$200.00
2101.507		GRUBBING	TREE	\$100.00	5	\$500.00			2	\$200.00
2102.502		PAVEMENT MARKING REMOVAL-PERMANENT	LIN FT	\$3.00	480	\$1,440.00			291	\$873.00
2104.501		REMOVE SEWER PIPE (STORM)	LIN FT	\$25.00	51	\$1,275.00			54	\$1,350.00
2104.501		REMOVE CURB AND GUTTER	LIN FT	\$4.00	1297	\$5,188.00			1364	\$5,456.00
2104.501		REMOVE SANITARY SERVICE PIPE	LIN FT	\$25.00	48	\$1,150.00			20	\$500.00
2104.501		REMOVE WATER SERVICE PIPE	LIN FT	\$25.00	48	\$1,150.00			20	\$500.00
2104.505		REMOVE CONCRETE PAVEMENT	SQ YD	\$10.00	130	\$1,300.00			151	\$1,510.00
2104.505		REMOVE BITUMINOUS PAVEMENT	SQ YD	\$1.00	1850	\$1,850.00			2380	\$2,380.00
2104.508		REMOVE CASTING	EACH	\$300.00	13	\$3,900.00			15	\$4,500.00
2104.508		REMOVE CURB STOP AND BOX	EACH	\$500.00	2	\$1,000.00			2	\$1,000.00
2104.508		REMOVE SANITARY CLEANOUT	EACH	\$500.00	2	\$1,000.00			2	\$1,000.00
2104.509		REMOVE DRAINAGE STRUCTURE	EACH	\$1,000.00	1	\$1,000.00			1	\$1,000.00
2104.511		SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$3.00	263	\$789.00			169	\$507.00
2104.511		SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$1.00	2216	\$2,216.00			2519	\$2,519.00
2104.523		SALVAGE SIGN TYPE C	EACH	\$30.00	4	\$120.00			4	\$120.00
2104.601		RELOCATE MAILBOX AND SUPPORT	LUMP SUM	\$100.00	1	\$100.00			1	\$100.00
2104.601		RELOCATE BUILDING SIGN	LUMP SUM	\$2,000.00	1	\$2,000.00			1	\$2,000.00
2104.601		SALVAGE IRRIGATION EQUIPMENT	LUMP SUM	\$2,000.00	1	\$2,000.00			1	\$2,000.00
2105.501		COMMON EXCAVATION	CU YD	\$10.00	1440	\$14,400.00			1480	\$14,800.00
2105.604		DITCH EXCAVATION	SQ YD	\$3.00	835	\$2,505.00	180	\$540.00	1537	\$4,611.00
2211.503		AGGREGATE BASE (CV) CLASS 5	CU YD	\$20.00	280	\$5,600.00	60	\$1,200.00	475	\$9,500.00
2112.603		RECLAIMED AGGREGATE BASE PREPARATION	ROAD STA	\$100.00	20	\$2,000.00			20	\$2,000.00
2123.610		STREET SWEEPER (TYPE WET PICKUP)	WATER	\$50.00	23	\$1,150.00	3	\$150.00	8	\$300.00
2130.501		WATER	MGAL	\$10.00	100	\$1,000.00			110	\$1,100.00
2215.501		FULL DEPTH RECLAMATION	SQ YD	\$1.00	3480	\$3,480.00			3490	\$3,490.00
2232.501		MILL BITUMINOUS SURFACE (1.5")	SQ YD	\$1.00	62338	\$62,338.00			62338	\$62,338.00
2302.604		BITUMINOUS DRIVEWAY REPLACEMENT	SQ YD	\$10.00	68	\$680.00	77.3	\$773.00	77.3	\$773.00
2302.618		SPOT FULL DEPTH REPAIR	SQ YD	\$10.00	1010	\$10,100.00	44	\$440.00	2263	\$22,630.00
2360.501		TYPE SP 8.5 WEARING COURSE MIXTURE (2.B)	TON	\$40.00	7170	\$286,800.00	3	\$120.00	7384.58	\$294,562.40
2360.501		TYPE SP 8.5 WEARING COURSE MIXTURE (2.C)	TON	\$47.00	2615	\$122,905.00			2310.87	\$108,615.58
2503.541		1/2" RC PIPE SEWER DESIGN 3008 CLASS V	LIN FT	\$50.00	47	\$2,350.00			89	\$4,450.00
2503.541		1/2" RC PIPE SEWER DESIGN 3008 CLASS V	LIN FT	\$50.00	51	\$2,550.00			51	\$2,550.00
2503.602		MANHOLE ADJUSTING RINGS	EACH	\$50.00	20	\$1,000.00			27	\$1,350.00
2503.602		CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	\$1,000.00	1	\$1,000.00			2	\$2,000.00
2503.602		CONNECT TO EXISTING WATER SERVICE	EACH	\$1,000.00	2	\$2,000.00			2	\$2,000.00
2504.601		INSTALL IRRIGATION EQUIPMENT	LUMP SUM	\$5,000.00	1	\$5,000.00			1	\$5,000.00
2504.602		ADJUST VALVE BOX	EACH	\$200.00	16	\$3,200.00			15	\$3,000.00
2506.501		CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	\$300.00	7.82	\$2,346.00			14.4	\$4,320.00
2506.518		CASTING ASSEMBLY (700-7)	EACH	\$750.00	6	\$4,500.00			6	\$4,500.00
2506.602		RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$300.00	12	\$3,600.00			12	\$3,600.00
2506.602		ADJUST FRAME AND RING CASTING (SANITARY)	EACH	\$500.00	23	\$11,500.00			15	\$7,500.00
2506.602		CONNECT TO EXISTING DRAINAGE STRUCTURE	EACH	\$2,500.00	1	\$2,500.00			1	\$2,500.00
2531.501		CONCRETE CURB AND GUTTER DESIGN B612	LIN FT	\$20.00	282	\$5,640.00			286	\$5,720.00
2531.501		CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	\$25.00	673	\$16,825.00			656	\$16,400.00
2531.501		CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	\$25.00	813	\$20,325.00			780	\$19,500.00
2531.507		6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$80.00	81	\$6,480.00			60.67	\$4,853.60
2531.507		6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$100.00	32	\$3,200.00			33.2	\$3,320.00
2531.603		CONCRETE GUTTER DESIGN SPECIAL	LIN FT	\$100.00	42	\$4,200.00			42	\$4,200.00
2531.604		6" CONCRETE VALLEY GUTTER	SQ YD	\$100.00	53	\$5,300.00			53	\$5,300.00
2531.618		TRUNCATED DOMES	SQ FT	\$50.00	108	\$5,400.00			80	\$4,000.00
2563.601		TRAFFIC CONTROL	LUMP SUM	\$12,000.00	1	\$12,000.00			1	\$12,000.00
2564.550		DELINEATOR TYPE X4-13	EACH	\$85.00	16	\$1,360.00				
2564.602		INSTALL SIGN	EACH	\$100.00	4	\$400.00				
2565.602		RIGID PVC LOOP DETECTOR 6X8	EACH	\$1,000.00	6	\$6,000.00			2	\$2,000.00
2571.502		DISCIOUS TREE 10 HT B&B	TREE	\$700.00	5	\$3,500.00			10	\$7,000.00
2573.230		STORM DRAIN INLET PROTECTION	EACH	\$120.00	26	\$3,120.00			24	\$2,880.00
2573.333		SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	\$5.00	400	\$2,000.00			440	\$2,200.00
2573.335		STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$1,000.00	2	\$2,000.00				
2574.525		SCREENED TOPSOIL BORROW (LV)	CU YD	\$30.00	655	\$19,650.00	363	\$10,890.00	553	\$16,590.00
2575.505		SOODING TYPE LAWN	SQ YD	\$6.00	837	\$5,022.00	1470	\$8,820.00	1470	\$8,820.00
2575.604		SITE RESTORATION	SQ YD	\$4.50	8414	\$37,663.00	7450	\$33,525.00	7654	\$34,443.00
2582.501		PAVEMENT MESSAGE PAINT	SQ FT	\$5.25	180	\$945.00	167	\$876.75	265	\$1,393.25
2582.502		4" SOLID LINE PAINT	LIN FT	\$2.45	2485	\$6,089.25	1530	\$3,739.50	2382	\$1,071.80
2582.502		6" SOLID LINE PAINT	LIN FT	\$1.50	204	\$306.00	113	\$169.50	113	\$169.50
2582.502		12" SOLID LINE PAINT	LIN FT	\$4.00	125	\$500.00			130	\$520.00
2582.502		4" BROKEN LINE PAINT	LIN FT	\$0.30	3274	\$982.20	3270	\$981.00	3370	\$1,011.00
2582.502		4" DOUBLE SOLID LINE PAINT	LIN FT	\$0.60	8270	\$4,962.00	6288	\$3,772.80	8889	\$5,334.40
2611.4A		1-1/2" POLYETHYLENE SERVICE PIPE	LIN FT	\$50.00	48	\$2,400.00			20	\$1,000.00
2611.4D		1-1/2" CURB STOP & BOX	EACH	\$1,500.00	2	\$3,000.00			2	\$3,000.00
2621.4F		6" PVC SERVICE PIPE (SCH 40)	LIN FT	\$50.00	46	\$2,300.00			20	\$1,000.00
2621.4F		6" PVC CLEAN OUT RISER (SCH 40)	EACH	\$500.00	2	\$1,000.00			2	\$1,000.00
2621.4H		1" MANHOLE CONCRETE SECTION	EACH	\$2,000.00	1	\$2,000.00			1	\$2,000.00
-		SCOURSTOP TRANSITION MAT	SQ YD	\$150.00	11	\$1,650.00			6	\$900.00
TOTALS:						\$808,167.45		\$65,007.55		\$806,865.64
AMOUNT RETAINED (5% OF AMOUNT EARNED TO DATE):								\$3,250.38		\$40,343.28
RETAINAGE RELEASED:								\$0.00		
PREVIOUS PAYMENTS										\$704,765.19
AMOUNT DUE:								\$61,757.17		\$61,757.17



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September 27, 2016

Mayor and City Council
City of Baxter
P.O. Box 2626
Baxter, MN 56425

**RE: Agreement for Professional Engineering Services – Fee Amendment
2016 Mill & Overlay, Full Depth Reclamation and Turn Lane Improvements
Municipal Project Number 4416
Baxter, MN**

Dear Mayor and City Council:

We are currently under contract with the City of Baxter for engineering services related to the design and construction of the 2016 Mill & Overlay, Full Depth Reclamation and Turn Lane Improvements, Municipal Project Number 4416.

During the course of the project we completed additional work that we feel is above and beyond the original scope of the project. The changes in project scope and associated fee amendment are summarized below:

Change in Project Scope

Requested Fee Amendment

- | | |
|---|------------|
| 1. Maplewood Drive Corner Storm Sewer and Curb | \$1,669.50 |
| This work is associated with the preliminary design, final design, construction staking and construction observation of the curb and storm sewer installed at the 90-degree curve. The curb and storm sewer was not part of the original design and was added by the Council after reviewing the options prepared by the Engineer. | |
| 2. Maplewood Drive Signage | \$718.00 |
| This work is associated with the addition of "No Parking" signs along the curbed portions of the roadway by the school and the 90-degree curve. Signage modifications were also made to the dead end portion of Maplewood Drive east of Art Ward Drive. | |
| 3. Cemetery Paving | \$1,558.00 |
| This work is associated with the coordination and construction observation of the grading and paving of the Cemetery roadways. Additional work included coordination and construction observation. | |
| 4. Additional Ditch Work | \$741.00 |
| This work is associated with additional swale work on Maplewood Drive. Additional swales were constructed along the west side of Maplewood Drive near the 90-degree curve. Additional work included coordination, agreement preparation for work on private property and construction observation. | |
| 5. Mill & Overlay Additional Bituminous Patching | \$1,239.00 |
| This additional work is associated with construction observation of the additional bituminous patching work required in the residential mill & overlay project area. The estimated bituminous patching quantity was 1,010 SY. The actual quantity of patching was 2,263 SY. Madeline Drive was also patched/overlayed with 1.5" of bituminous before receiving the final 2" bituminous overlay. | |

6. College Road Trail Signage and Ped Ramp \$774.00
This additional work is associated with the addition of the pedestrian curb ramp and associated trail signage for the private drive located just west of Navillus Court West.

7. Additional Record Drawing Work \$953.00
The additional items described above such as the storm sewer, signage, swales and bituminous patching required additional survey and record drawing preparation work to accurately show the finished improvements and to provide the City with accurate locations for the GIS system.

Total Requested Fee Amendment \$7,652.50

A detailed breakdown of the costs associated with each additional task outlined above is provided in the Attachment A.

In addition to the requested fee amendment, we are also seeking a modification to our agreement to cover the following reimbursable expenses that were requested by City staff but were not included in our original agreement:

Reimbursable Expense

Requested Amount

- | | |
|---|----------|
| 1. Mailbox Replacement | \$91.30 |
| This expense is associated with the replacement of a broken mailbox located on Brentwood Drive. The mailbox was damaged by the Contractor during the milling operations and the property owner contacted the City. In an effort to replace the mailbox as quickly as possible, City staff authorized the Engineer to find and purchase the same mailbox for the Contractor to install. The Contractor caused the damage and the cost of the mailbox will be removed from the final payment. | |
| 2. Residential Mailing | \$144.00 |
| The request for proposals indicated that all required mailings and notices for the project would be completed by City Staff. During construction, City staff directed the Engineer to prepare and mail a notice to the Southdale project area to address some schedule and construction related issues. | |

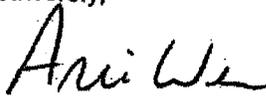
Total Requested Reimbursable Expenses \$253.30

Our previous approved "Not to Exceed" fee was \$164,409. Including the above \$7,652.50 fee increase and \$253.30 in reimbursable expenses, the revised total WSN fee is a "Not to Exceed" \$172,314.80. The additional services described above will be invoiced on an hourly basis in accordance with the fee schedule adopted at the time the work was performed.

If you are in agreement with the proposed fee amendment, please sign and return one copy of this agreement to us as our authorization to invoice the previously completed additional work.

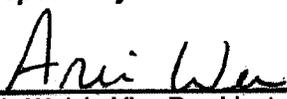
We thank you for your consideration of our requested fee amendment and for giving us the opportunity to work with the City to make this project a reality. If you have any questions, please feel free to give me a call.

Sincerely,

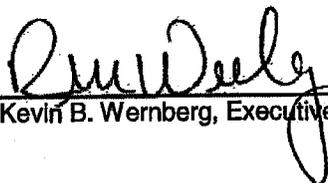


Aric Welch, P.E.

.....
Proposed by Wiseth Smith Nolting



Aric Welch, Vice President



Kevin B. Wernberg, Executive Vice President

Approved as to form and content by the Baxter City Attorney

J. Brad Person Date

Accepted by the City of Baxter: The above proposal and previously submitted General Provisions of Professional Services Agreement are satisfactory and WSN is authorized to do the work as specified. Payment will be made monthly in accordance with the terms on the fee schedule.

Date

Date

ADDITIONAL TASK COST DETAIL
 2016 MILL & OVERLAY, FULL DEPTH RECLAMATION AND TURN
 MUNICIPAL IMPROVEMENT 4416
 BAXTER, MN

TASK	ADDITIONAL WORK DESCRIPTION	LABOR CATEGORY / ESTIMATED HOURS / HOURLY RATES / COSTS				TOTALS
		ENGINEER / SURVEYOR 3 Aric Welch \$135.00	ENGINEER 1 Scott Hennen \$92.00	ENGINEER TECHNICIAN 5 Mark Skogen \$112.00	SURVEY TECHNICIAN 2 Kyle Pusc \$74.00	
1	MAPLEWOOD DRIVE CORNER STORM SEWER & CURB					
	Preliminary Engineering and Cost Estimate	4				
	Meetings	1				
	Final Engineering	2				
	Construction Staking	0.5			1	
	Construction Observation			4		
	Scheduling and Project Management	1				
	TOTAL TASK 1 HOURS	8.5	0	4	1	13.5
	TOTAL TASK 1 COSTS	\$1,147.50	\$0.00	\$448.00	\$74.00	\$1,669.50
2	MAPLEWOOD SIGNAGE					
	Revised Sign Plan	1		2		
	Construction Staking			1		
	Construction Observation			1		
	Scheduling and Project Management	1				
	TOTAL TASK 2 HOURS	2	0	4	0	6
	TOTAL TASK 2 COSTS	\$270.00	\$0.00	\$448.00	\$0.00	\$718.00
3	CEMETERY PAVING					
	Preliminary Cost Estimate	1				
	Site Meeting	1		1		
	Construction Observation			10.5		
	TOTAL TASK 3 HOURS	2	0	11.5	0	13.5
	TOTAL TASK 3 COSTS	\$270.00	\$0.00	\$1,288.00	\$0.00	\$1,558.00
4	ADDITIONAL DITCH WORK					
	Site Meetings	1		1		
	Private Property Work Agreement	1				
	Construction Observation			2		
	Scheduling and Project Management	1				
	TOTAL TASK 4 HOURS	3	0	3	0	6
	TOTAL TASK 4 COSTS	\$405.00	\$0.00	\$336.00	\$0.00	\$741.00
5	MILL & OVERLAY ADDITIONAL BITUMINOUS PATCHING					
	Construction Observation		12			
	Scheduling and Project Management	1				
	TOTAL TASK 5 HOURS	1	12		0	13
	TOTAL TASK 5 COSTS	\$135.00	\$1,104.00		\$0.00	\$1,239.00
6	COLLEGE ROAD TRAIL SIGNAGE AND PED RAMP					
	Plan Revisions	1		1.5		
	Construction Staking			1		
	Construction Observation			2		
	Scheduling and Project Management	1				
	TOTAL TASK 6 HOURS	2	0	4.5	0	6.5
	TOTAL TASK 6 COSTS	\$270.00	\$0.00	\$504.00	\$0.00	\$774.00
7	ADDITIONAL RECORD DRAWING WORK					
	Field Survey	1			5	
	Record Drawings			4		
	TOTAL TASK 7 HOURS	1	0	4	5	10
	TOTAL TASK 7 COSTS	\$135.00	\$0.00	\$448.00	\$370.00	\$953.00
	TOTAL ESTIMATED HOURS	19.5	12	31	6	68.5
	TOTAL ESTIMATED COST	\$2,632.50	\$1,104.00	\$3,472.00	\$444.00	\$7,652.50



MEMO

Date: September 28, 2016
To: Baxter Utilities Commission
From: Aric Welch
Cc: Trevor Walter
Project Name: Dellwood, Novotny, Inglewood and Independence Improvements
Project No.: 0102B0274.000
Subject: Project Update

Brainerd/Baxter
 7804 Industrial Park Road
 PO Box 2720
 Baxter, MN 56425-2720

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Work Completed Since Last Update

No work was completed since the last update.

Project Schedule

Address warranty items as needed.

Easements

One roadway easement remains to be signed. All the necessary documents have been supplied to the property owner but our numerous attempts contact the property owner has not garnered any response. The property is being sold on a contract for deed and the current occupant (Lakes Audio) does not have any issues with the proposed right-of-way.

The vacation hearing to complete the Positive Realty, Mau and Tanner property has held on September 9, 2016.

Changes

Our review and recommendation on Change Order 4 was sent to the Contractor in August. At the September Utilities Commission meeting we reported the Contractor had not completed their review of our recommendations and the change order was tabled. We still have not received any correspondence regarding the change order from the Contractor.

Potential Law Suit

We are not aware of any resolution to the potential law suit between the Contractor and sub-contractor regarding the directional drilled pipe between Novotny Road and Audubon Way.



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September 27, 2016

Trevor Walter, P.E.
Public Works Director/City Engineer
City of Baxter
P.O. Box 2626
Baxter, MN 56425

**RE: Proposal for Engineering Services
Forestview Area Stormwater Outlet Study
Baxter, MN**

Dear Mr. Walter:

In response to your request, we are pleased to present our proposal to prepare a preliminary stormwater study to investigate a potential outlet/overflow for the isolated wetlands located near the intersection of Highland Scenic Road (CSAH 48) and Evergreen Drive.

With the precipitation we have experienced over the last several months, surface water and ground water elevations within the City are nearing an all-time high. The large wetland complex located west of Evergreen Drive is directly connected to the smaller wetland located south of CSAH 48 and east of Scenic River Drive. These wetlands are located at the bottom of the immediate watershed and raising water levels are beginning to pose a threat to adjacent developed properties.

It is our understanding the City would like to investigate the potential of adding a stormwater outlet/overflow through the Forestview residential neighborhood to the Mississippi River. We are aware that some outlet ditching work was completed by a private developer probably around the time the property was platted in 1991. Evidence of the ditch is still visible through the First Addition to Mississippi Bluffs.

Our proposed scope of services is as follows:

- Meet with City staff to define the study area and identify the study parameters.
- Create a base map of the study area using available property information, aerial photos, topography information and LiDAR surface data.
- Complete a supplementary topographic survey to ground truth the LiDAR data and pick up additional items such as culverts that are not evident or visible in the aerial photography.
- Meet with the property owner of out lots in the First Addition to Mississippi Bluffs to get the history on the ditch work completed in the early nineties.
- Review potential stormwater outlet locations.
- Layout potential stormwater conveyance options.
- Review permitting requirements of the proposed storm sewer outlet to the Mississippi River.
- Calculate proposed improvement costs.
- Compile and summarize findings in a letter report format.
- Present the study to the Utilities Commission and City Council.

WSN proposes to perform the services described above on an hourly basis, in accordance with the attached fee

schedule, for the **Lump Sum fee of \$5,750**. We propose to have the report completed within 45 days of the notice to proceed.

If you are in agreement with our proposed scope of services, please sign and return one copy of this letter to us as our authorization to proceed.

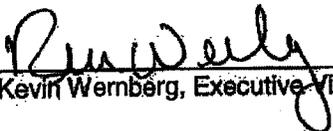
We realize this is an important project to the City and for that reason, we welcome the opportunity to sit down with you and your staff to go over this proposal and review the approach and work tasks we have listed. If necessary, we will revise the proposal to better conform to the needs of the City for this project.

We thank you for giving us the opportunity to submit this proposal and look forward to working with City staff to make this proposed project a reality.

Sincerely,


Aric Welch, P.E.

.....
Proposed by Widseth Smith Nolting


Kevin Wernberg, Executive Vice President

Approved as to form and content by the Baxter City Attorney

J. Brad Person Date

Accepted by City of Baxter: The above proposal and attached General Conditions are satisfactory and WSN is authorized to do the work as specified. Payment will be made monthly in accordance with percent of the total work scope completed at the time of invoicing. Owner may accept this contract through the signature of its authorized representative below, verbally, or by permitting WSN to commence work on the project.

_____ _____
Date Date

-81-

General Provisions of Professional Services Agreement

These General Provisions are intended to be used in conjunction with a letter-type Agreement or a Request for Services between Widseth Smith Nolting, a Minnesota Corporation, hereinafter referred to as WSN, and a CLIENT, wherein the CLIENT engages WSN to provide certain Architectural, and/or Engineering services on a Project.

As used herein, the term "this Agreement" refers to (1) the WSN Proposal Letter which becomes the Letter Agreement upon its acceptance by the Client, (2) these General Provisions and (3) any attached Exhibits, as if they were part of one and the same document. With respect to the order of precedence, any attached Exhibits shall govern over these General Provisions, and the Letter Agreement shall govern over any attached Exhibits and these General Provisions. These documents supersede all prior communications and constitute the entire Agreement between the parties. Amendments to this Agreement must be in writing and signed by both CLIENT and WSN.

ARTICLE 1. PERIOD OF SERVICE

The term of this Agreement for the performance of services hereunder shall be as set forth in the Letter Agreement. In this regard, any lump sum or estimated maximum payment amounts set forth in the Letter Agreement have been established in anticipation of an orderly and continuous progress of the Project in accordance with the schedule set forth in the Letter Agreement or any Exhibits attached thereto. WSN shall be entitled to an equitable adjustment to its fee should there be an interruption of services, or amendment to the schedule.

ARTICLE 2. SCOPE OF SERVICES

The scope of services covered by this Agreement shall be as set forth in the Letter Agreement or a Request for Services. Such scope of services shall be adequately described in order that both the CLIENT and WSN have an understanding of the expected work to be performed.

If WSN is of the opinion that any work they have been directed to perform is beyond the Scope of this Agreement, or that the level of effort required significantly exceeds that estimated due to changed conditions and thereby constitutes extra work, they shall notify the CLIENT of that fact. Extra work, additional compensation for same, and extension of time for completion shall be covered by a revision to the Letter Agreement or Request for Services and entered into by both parties.

ARTICLE 3. COMPENSATION TO WSN

A. Compensation to WSN for services described in this Agreement shall be on a Lump Sum basis, Percentage of Construction, and/or Hourly Rate basis as designated in the Letter Agreement and as hereinafter described.

1. A Lump Sum method of payment for WSN's services shall apply to all or parts of a work scope where WSN's tasks can be readily defined and/or where the level of effort required to accomplish such tasks can be estimated with a reasonable degree of accuracy. The CLIENT shall make monthly payments to WSN within 30 days of date of invoice based on an estimated percentage of completion of WSN's services.
2. A Percentage of Construction or an Hourly Rate method of payment of WSN's services shall apply to all or parts of a work scope where WSN's tasks cannot be readily defined and/or where the level of effort required to accomplish such tasks cannot be estimated with any reasonable degree of accuracy. Under an Hourly Rate method of payment, WSN shall be paid for the actual hours worked on the Project by WSN technical personnel times an hourly billing rate established for each employee. Hourly billing rates shall include compensation for all salary costs, payroll burden, general, and administrative overhead and professional fee. In a Percentage of Construction method of payment, final compensation will be based on actual bids if the project is bid and WSN's estimate to the CLIENT if the project is not bid. A rate schedule shall be furnished by WSN to CLIENT upon which to base periodic payments to WSN.
3. In addition to the foregoing, WSN shall be reimbursed for items and services as set forth in the Letter Agreement or Fee Schedule and the following Direct Expenses when incurred in the performance of the work:
 - (a) Travel and subsistence.
 - (b) Specialized computer services or programs.
 - (c) Outside professional and technical services with cost defined as the amount billed WSN.
 - (d) Identifiable reproduction and reprographic costs.
 - (e) Other expenses for items such as permit application fees, license fees, or other additional items and services whether or not specifically identified in the Letter Agreement or Fee Schedule.

4. The CLIENT shall make monthly payments to WSN within 30 days of date of invoice based on computations made in accordance with the above charges for services provided and expenses incurred to date, accompanied by supporting evidence as available.

B. The CLIENT will pay the balance stated on the invoice unless CLIENT notifies WSN in writing of the particular item that is alleged to be incorrect within 15 days from the date of invoice, in which case, only the disputed item will remain undue until resolved by the parties. All accounts unpaid after 30 days from the date of original invoice shall be subject to a service charge of 1 % per month, or the maximum amount authorized by law, whichever is less. WSN shall be entitled to recover all reasonable costs and disbursements, including reasonable attorneys fees, incurred in connection with collecting amount owed by CLIENT. In addition, WSN may, after giving seven days written notice to the CLIENT, suspend services and withhold deliverables under this Agreement until WSN has been paid in full for all amounts then due for services, expenses and charges. CLIENT agrees that WSN shall not be responsible for any claim for delay or other consequential damages arising from suspension of services hereunder. Upon payment in full by Client and WSN's resumption of services, the time for performance of WSN's services shall be equitably adjusted to account for the period of suspension and other reasonable time necessary to resume performance.



ARTICLE 4. ABANDONMENT, CHANGE OF PLAN AND TERMINATION

Either Party has the right to terminate this Agreement upon seven days written notice. In addition, the CLIENT may at any time, reduce the scope of this Agreement. Such reduction in scope shall be set forth in a written notice from the CLIENT to WSN. In the event of unresolved dispute over change in scope or changed conditions, this Agreement may also be terminated upon seven days written notice as provided above.

In the event of termination, and upon payment in full for all work performed and expenses incurred to the date of termination, documents that are identified as deliverables under the Letter Agreement whether finished or unfinished shall be made available by WSN to the CLIENT pursuant to Article 5, and there shall be no further payment obligation of the CLIENT to WSN under this Agreement except for payment of an amount for WSN's anticipated profit on the value of the services not performed by WSN and computed in accordance with the provisions of Article 3 and the Letter Agreement.

In the event of a reduction in scope of the Project work, WSN shall be paid for the work performed and expenses incurred on the Project work thus reduced and for any completed and abandoned work, for which payment has not been made, computed in accordance with the provisions of Article 3 and the Letter Agreement.

ARTICLE 5. DISPOSITION OF PLANS, REPORTS AND OTHER DATA

All reports, plans, specifications, field data and notes and other documents, including all documents on electronic media, prepared by WSN or its consultants are Instruments of Service and shall remain the property of WSN or its consultants, respectively. WSN and its subconsultants retain all common law, statutory and other reserved rights, including, without limitation, copyright. WSN and its subconsultants maintain the right to determine if production will be made, and allowable format for production, of any electronic media or data to CLIENT or any third-party. Upon payment in full of monies due pursuant to the Agreement, WSN shall make hard copies available to the CLIENT, of all documents that are identified as deliverables under the Letter Agreement. If the documents have not been finished (including, but not limited to, completion of final quality control), then WSN shall have no liability for any claims expenses or damages that may arise out of items that could have been corrected during completion/quality control. Any Instruments of Service provided are not intended or represented to be suitable for reuse by the CLIENT or others on extensions of the Project or any other project. Any modification or reuse without written verification or adaptation by WSN for the specific purpose intended will be at CLIENT's sole risk and without liability or legal exposure to WSN. CLIENT shall indemnify, defend and hold harmless WSN from any and all suits or claims of third parties arising out of use of unfinished documents, or modification or reuse of finished documents, which is not specifically verified, adapted, or authorized in writing by WSN. This indemnity shall survive the termination of this Agreement.

Should WSN choose to deliver to CLIENT documents in electronic form, CLIENT acknowledges that differences may exist between any electronic files delivered and the printed hard-copy. Copies of documents that may be relied upon by CLIENT are limited to the printed hard-copies that are signed and/or sealed by WSN. Files in electronic form are only for convenience of CLIENT. Any conclusion or information obtained or derived from such electronic documents will be at user's sole risk. CLIENT acknowledges that the useful life of some forms of electronic media may be limited because of deterioration of the media or obsolescence of the computer hardware and/or software systems. Therefore, WSN makes no representation that such media will be fully usable beyond 30 days from date of delivery to CLIENT.

ARTICLE 6. CLIENT'S ACCEPTANCE BY PURCHASE ORDER OR OTHER MEANS

In lieu of or in addition to signing the acceptance blank on the Letter Agreement, the CLIENT may accept this Agreement by permitting WSN to commence work on the project or by issuing a purchase order signed by a duly authorized representative. Such purchase order shall incorporate by reference the terms and conditions of this Agreement. In the event of a conflict between the terms and conditions of this Agreement and those contained in the CLIENT's purchase order, the terms and conditions of this Agreement shall govern. Notwithstanding any purchase order provisions to the contrary, no warranties, express or implied, are made by WSN.

ARTICLE 7. CLIENT'S RESPONSIBILITIES

A. To permit WSN to perform the services required hereunder, the CLIENT shall supply, in proper time and sequence, the following at no expense to WSN:

1. Provide all program, budget, or other necessary information regarding its requirements as necessary for orderly progress of the work.
2. Designate in writing, a person to act as CLIENT's representative with respect to the services to be rendered under this Agreement. Such person shall have authority to transmit instructions, receive instructions, receive information, interpret and define CLIENT's policies with respect to WSN's services.
3. Furnish, as required for performance of WSN's services (except to the extent provided otherwise in the Letter Agreement or any Exhibits attached hereto), data prepared by or services of others, including without limitation, core borings, probes and subsurface explorations, hydrographic and geohydrologic surveys, laboratory tests and inspections of samples, materials and equipment; appropriate professional interpretations of all of the foregoing; environmental assessment and impact statements; property, boundary easement, right-of-way, topographic and utility surveys; property descriptions; zoning, deed and other land use restriction; and other special data not covered in the Letter Agreement or any Exhibits attached hereto.
4. Provide access to, and make all provisions for WSN to enter upon publicly or privately owned property as required to perform the work.
5. Act as liaison with other agencies or involved parties to carry out necessary coordination and negotiations; furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.
6. Examine all reports, sketches, drawings, specifications and other documents prepared and presented by WSN, obtain advice of an attorney, insurance counselor or others as CLIENT deems necessary for such examination and render in writing, decisions pertaining thereto within a reasonable time so as not to delay the services of WSN.
7. Give prompt written notice to WSN whenever CLIENT observes or otherwise becomes aware of any development that affects the scope of timing of WSN's services or any defect in the work of Construction Contractor(s), Consultants or WSN.
8. Initiate action, where appropriate, to identify and investigate the nature and extent of asbestos and/or pollution in the Project and to abate and/or remove the same as may be required by federal, state or local statute, ordinance, code, rule, or regulation now existing or hereinafter enacted or amended. For purposes of this Agreement, "pollution" and "pollutant" shall mean any solid, liquid, gaseous or thermal irritant or contaminant, including smoke, vapor, soot, alkalis, chemicals and hazardous or toxic waste. Hazardous or toxic waste means any substance, waste pollutant or contaminant now or hereafter included within such terms under any federal, state or local statute, ordinance, code, rule or regulation now existing or hereinafter enacted or amended. Waste further includes materials to be recycled, reconditioned or reclaimed.

If WSN encounters, or reasonably suspects that it has encountered, asbestos or pollution in the Project, WSN shall cease activity on the Project and promptly notify the CLIENT, who shall proceed as set forth above. Unless otherwise specifically provided in the Letter Agreement, the services to be provided by WSN do not include identification of asbestos or pollution, and WSN has no duty to identify or attempt to identify the same within the area of the Project.

With respect to the foregoing, CLIENT acknowledges and agrees that WSN is not a user, handler, generator, operator, treator, storer, transporter or disposer of asbestos or pollution which may be encountered by WSN on the Project. It is further understood and agreed that services WSN will undertake for CLIENT may be uninsurable obligations involving the presence or potential presence of asbestos or pollution. Therefore, CLIENT agrees, except (1) such liability as may arise out of WSN's sole negligence in the performance of services under this Agreement or (2) to the extent of insurance coverage available for the claim, to hold harmless, indemnify and defend WSN and WSN's officers, subcontractor(s), employees and agents from and against any and all claims, lawsuits, damages, liability and costs, including, but not limited to, costs of defense, arising out of or in any way connected with the presence, discharge, release, or escape of asbestos or pollution. This indemnification is intended to apply only to existing conditions and not to conditions caused or created by WSN. This indemnification shall survive the termination of this Agreement.

9. Provide such accounting, independent cost estimating and insurance counseling services as may be required for the Project, such legal services as CLIENT may require or WSN may reasonably request with regard to legal issues pertaining to the Project including any that may be raised by Contractor(s), such auditing service as CLIENT may require to ascertain how or for what purpose any Contractor has used the moneys paid under the construction contract, and such inspection services as CLIENT may require to ascertain that Contractor(s) are complying with any law, rule, regulation, ordinance, code or order applicable to their furnishing and performing the work.

10. Provide "record" drawings and specifications for all existing physical features, structures, equipment, utilities, or facilities which are pertinent to the Project, to the extent available.

11. Provide other services, materials, or data as may be set forth in the Letter Agreement or any Exhibits attached hereto.

B. WSN may use any CLIENT provided information in performing its services. WSN shall be entitled to rely on the accuracy and completeness of information furnished by the CLIENT. If WSN finds that any information furnished by the CLIENT is in error or is inadequate for its purpose, WSN shall endeavor to notify the CLIENT. However, WSN shall not be held responsible for any errors or omissions that may arise as a result of erroneous or incomplete information provided by CLIENT.

ARTICLE 8. OPINIONS OF COST

Opinions of probable project cost, construction cost, financial evaluations, feasibility studies, economic analyses of alternate solutions and utilitarian considerations of operations and maintenance costs provided for in the Letter Agreement or any Exhibits attached hereto are to be made on the basis of WSN's experience and qualifications and represent WSN's judgment as an experienced design professional. It is recognized, however, that WSN does not have control over the cost of labor, material, equipment or services furnished by others or over market conditions or contractors' methods of determining their prices, and that any evaluation of any facility to be constructed, or acquired, or work to be performed on the basis of WSN's cost opinions must, of necessity, be speculative until completion of construction or acquisition. Accordingly, WSN does not guarantee that proposals, bids or actual costs will not substantially vary from opinions, evaluations or studies submitted by WSN to CLIENT hereunder.

ARTICLE 9. CONSTRUCTION PHASE SERVICES

CLIENT acknowledges that it is customary for the architect or engineer who is responsible for the preparation and furnishing of Drawings and Specifications and other construction-related documents to be employed to provide professional services during the Bidding and Construction Phases of the Project, (1) to interpret and clarify the documentation so furnished and to modify the same as circumstances revealed during bidding and construction may dictate, (2) in connection with acceptance of substitute or equal items of materials and equipment proposed by bidders and Contractor(s), (3) in connection with approval of shop drawings and sample submittals, and (4) as a result of and in response to WSN's detecting in advance of performance of affected work inconsistencies or irregularities in such documentation. CLIENT agrees that if WSN is not employed to provide such professional services during the Bidding (if the work is put out for bids) and the Construction Phases of the Project, WSN will not be responsible for, and CLIENT shall indemnify and hold WSN, its officers, consultant(s), subcontractor(s), employees and agents harmless from, all claims, damages, losses and expenses including attorneys' fees arising out of, or resulting from, any interpretation, clarification, substitution acceptance, shop drawing or sample approval or modification of such documentation issued or carried out by CLIENT or others. Nothing contained in this paragraph shall be construed to release WSN, its officers, consultant(s), subcontractor(s), employees and agents from liability for failure to perform in accordance with professional standards any duty or responsibility which WSN has undertaken or assumed under this Agreement.

ARTICLE 10. REVIEW OF SHOP DRAWINGS AND SUBMITTALS

WSN may review and approve or take other appropriate action on the contractor's submittals or shop drawings for the limited purpose of checking for general conformance with information given and design concept expressed in the Contract Documents. Review and/or approval of submittals is not conducted for the purpose of determining accuracy and completeness of other details or for substantiating instructions for installation or performance of equipment or systems, all of which remain the exclusive responsibility of the contractor. WSN's review and/or approval shall not constitute approval of safety precautions, or any construction means, methods, techniques, sequences or procedures. WSN's approval of a specific item shall not indicate approval of an assembly of which the item is a component. WSN's review and/or approval shall not relieve contractor for any deviations from the requirements of the contract documents nor from the responsibility for errors or omissions on items such as sizes, dimensions, quantities, colors, or locations. Contractor shall remain solely responsible for compliance with any manufacturer requirements and recommendations.

ARTICLE 11. REVIEW OF PAY APPLICATIONS

If included in the scope of services, any review or certification of any pay applications, or certificates of completion shall be based upon WSN's observation of the Work and on the data comprising the contractor's application for payment, and shall indicate that to the best of WSN's knowledge, information and belief, the quantity and quality of the Work is in general conformance with the Contract Documents. The issuance of a certificate for payment or substantial completion is not a representation that WSN has made exhaustive or continuous inspections, reviewed construction means and methods, verified any back-up data provided by the contractor, or ascertained how or for what purpose the contractor has used money previously paid by CLIENT.

ARTICLE 12. REQUESTS FOR INFORMATION (RFI)

If included in the scope of services, WSN will provide, with reasonable promptness, written responses to requests from any contractor for clarification, interpretation or information on the requirements of the Contract Documents. If Contractor's RFI's are, in WSN's professional opinion, for information readily apparent from reasonable observation of field conditions or review of the Contract Documents, or are reasonably inferable therefrom, WSN shall be entitled to compensation for Additional Services for WSN's time in responding to such requests. CLIENT may wish to make the Contractor responsible to the CLIENT for all such charges for additional services as described in this article.

ARTICLE 13. CONSTRUCTION OBSERVATION

If included in the scope of services, WSN will make site visits as specified in the scope of services in order to observe the progress of the Work completed. Such site visits and observations are not intended to be an exhaustive check or detailed inspection, but rather are to allow WSN to become generally familiar with the Work. WSN shall keep CLIENT informed about the progress of the Work and shall advise the CLIENT about observed deficiencies in the Work. WSN shall not supervise, direct or have control over any Contractor's work, nor have any responsibility for the construction means, methods, techniques, sequences or procedures selected by the Contractor nor for the Contractor's safety precautions or programs in connection with the Work. These rights and responsibilities are solely those of the Contractor. WSN shall not be responsible for any acts or omissions of any Contractor and shall not be responsible for any Contractor's failure to perform the Work in accordance with the Contract Documents or any applicable laws, codes, regulations, or industry standards.

If construction observation services are not included in the scope of services, CLIENT assumes all responsibility for interpretation of the Contract Documents and for construction observation, and the CLIENT waives any claims against WSN that are connected with the performance of such services.

ARTICLE 14. BETTERMENT

If, due to WSN's negligence, a required item or component of the Project is omitted from the construction documents, WSN shall not be responsible for paying the cost required to add such item or component to the extent that such item or component would have been required and included in the original construction documents. In no event, will WSN be responsible for any cost or expense that provides betterment or upgrades or enhances the value of the Project.

ARTICLE 15. CERTIFICATIONS, GUARANTEES AND WARRANTIES

WSN shall not be required to sign any documents, no matter by who requested, that would result in WSN having to certify, guarantee or warrant the existence of conditions whose existence WSN cannot ascertain. CLIENT agrees not to make resolution of any dispute with WSN or payment of any amount due to WSN in any way contingent upon WSN signing such certification.

ARTICLE 16. CONTINGENCY FUND

CLIENT and WSN agree that certain increased costs and changes may be required because of possible omissions, ambiguities or inconsistencies in the plans and specifications prepared by WSN, and therefore, that the final construction cost of the Project may exceed the bids, contract amount or estimated construction cost. CLIENT agrees to set aside a reserve in the amount of 5% of the Project construct costs as a contingency to be used, as required, to pay for any such increased costs and changes. CLIENT further agrees to make no claim by way of direct or third-party action against WSN with respect to any increased costs within the contingency because of such changes or because of any claims made by any Contractor relating to such changes.

ARTICLE 17. INSURANCE

WSN shall procure and maintain insurance for protection from claims against it under workers' compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any and all employees or of any person other than such employees, and from claims against it for damages because of injury to or destruction of property including loss of use resulting therefrom.

Also, WSN shall procure and maintain professional liability insurance for protection from claims arising out of performance of professional services caused by any negligent act, error, or omission for which WSN is legally liable.

Certificates of insurance will be provided to the CLIENT upon request.

ARTICLE 18. ASSIGNMENT

Neither Party to this Agreement shall transfer, sublet or assign any rights or duties under or interest in this Agreement, including but not limited to monies that are due or monies that may be due, without the prior written consent of the other party. Subcontracting to subconsultants, normally contemplated by WSN as a generally accepted business practice, shall not be considered an assignment for purposes of this Agreement.

ARTICLE 19. NO THIRD-PARTY BENEFICIARIES

Nothing contained in this Agreement shall create a contractual relationship or a cause of action by a third-party against either WSN or CLIENT. WSN's services pursuant to this Agreement are being performed solely for the CLIENT's benefit, and no other party or entity shall have any claim against WSN because of this Agreement.

ARTICLE 20. CORPORATE PROTECTION

It is intended by the parties to this Agreement that WSN's services in connection with the Project shall not subject WSN's individual employees, officers or directors to any personal legal exposure for the risks associated with this Project. Therefore, and notwithstanding anything to the contrary, CLIENT agrees that as the CLIENT's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against WSN, a Minnesota corporation, and not against any of WSN's individual employees, officers or directors.

ARTICLE 21. CONTROLLING LAW

This Agreement is to be governed by the laws of the State of Minnesota.

ARTICLE 22. ASSIGNMENT OF RISK

In recognition of the relative risks and benefits of the project to both the CLIENT and WSN, the risks have been allocated such that the CLIENT agrees, to the fullest extent permitted by law, to limit the liability of WSN, employees of WSN and sub-consultants, to the CLIENT and to all construction contractors, subcontractors, agents and assigns on the project for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, so that total aggregate liability of WSN, employees of WSN and sub-consultants, to all those named shall not exceed \$1,000,000 on this project. Such claims and causes include, but are not limited to negligence, professional errors or omissions, strict liability, breach of contract or warranty.

ARTICLE 23. NON-DISCRIMINATION

WSN will comply with the provisions of applicable federal, state and local statutes, ordinances and regulations pertaining to human rights and non-discrimination.

ARTICLE 24. SEVERABILITY

Any provision or portion thereof in this Agreement which is held to be void or unenforceable under any law shall be deemed stricken and all remaining provisions shall continue to be valid and binding between CLIENT and WSN. All limits of liability and indemnities contained in the Agreement shall survive the completion or termination of the Agreement.

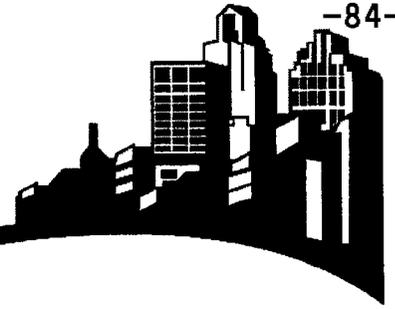
ARTICLE 25. PRE-LIEN NOTICE

Pursuant to the Agreement WSN will be performing services in connection with improvements of real property and may contract with subconsultants or subcontractors as appropriate to furnish labor, skill and/or materials in the performance of the work. Accordingly, CLIENT is entitled under Minnesota law to the following Notice:

- (a) Any person or company supplying labor or materials for this improvement to your property may file a lien against your property if that person or company is not paid for its contributions.
- (b) Under Minnesota law, you have the right to pay persons who supplied labor or materials for this improvement directly and deduct this amount from our contract price, or withhold the amounts due from us until 120 days after completion of the improvement unless we give you a lien waiver signed by persons who supplied any labor or materials for the improvement and who gave you timely notice.

**WEST
METRO**

BUICK, GMC, Inc.
MONTICELLO, MN



September 26, 2016

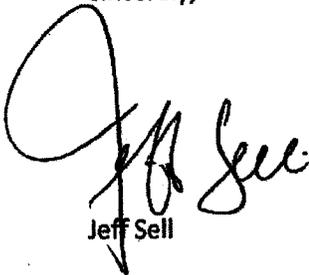
Mayor Olson and Baxter City Council Members -

As a commercial property owner in the City of Baxter, I am formally requesting the City of Baxter to look into an overflow from the wetland to the Mississippi River on the north and south side of County Road 48.

I need the overflow to maintain a reasonable level of groundwater and storm water on my property. Currently the water is at an excessive level.

Thank you.

Sincerely,



Jeff Sell

September 17, 2016

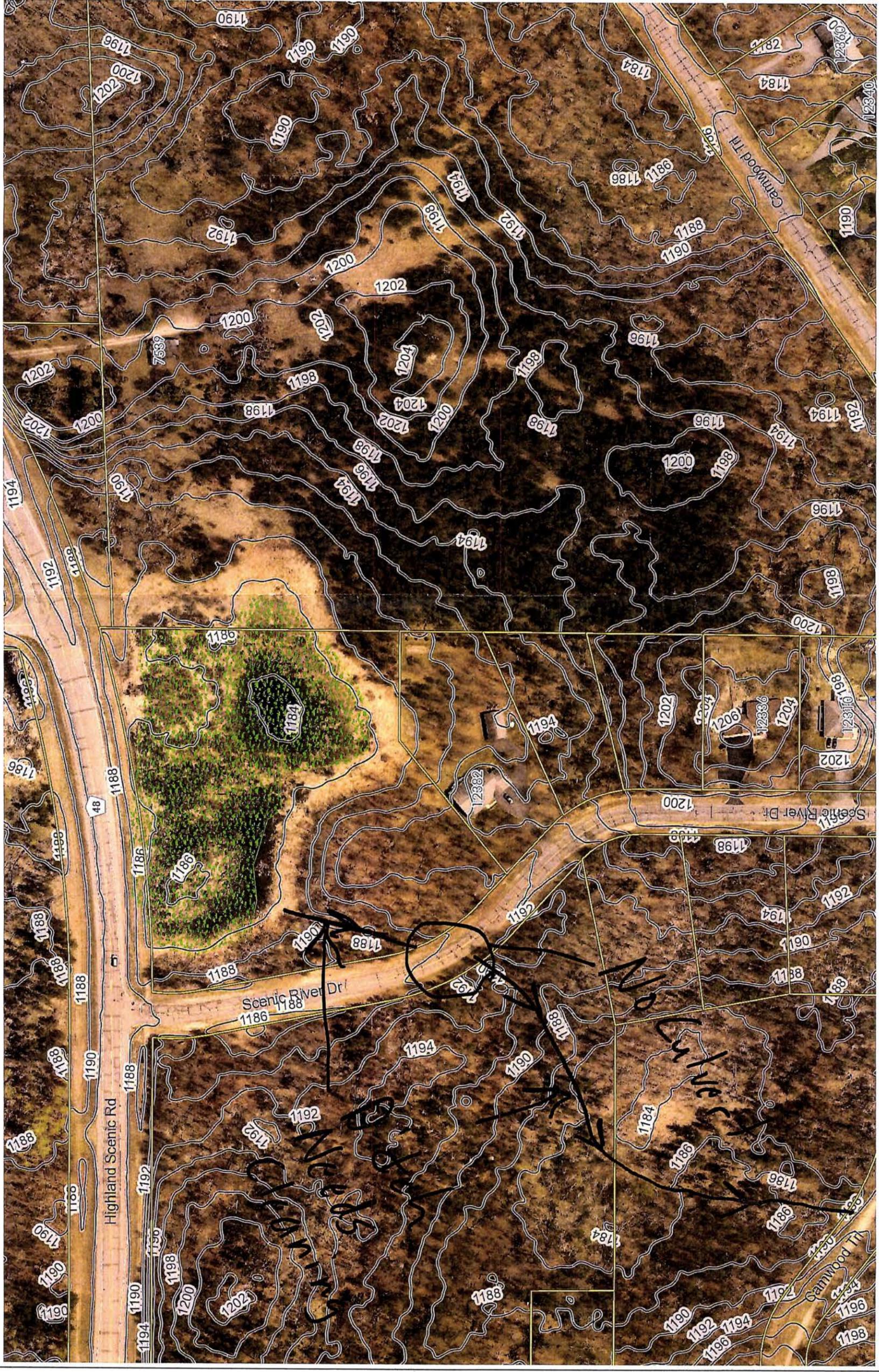
To Whom it May Concern,

We have had water creeping into our back yard for months from a pond adjoining our back yard, caused by the excessive rains this summer. After three weeks of phone calls (most not returned), Trevor Walter came over to assess the water situation. We discussed a retention pond, but Mr. Walter thought cleaning out the existing ditch and installing a culvert across Scenic River Drive would be best. This would insure the water would not rise to flood my basement or Evergreen Drive. Please address this problem at your earliest convenience.

Thank You,



 **Mr. John Magnan**
12382 Scenic River Dr.
Baxter, MN 56425



Legend

- Streets
- Locations
- Current
- Pending
- Vacant
- Retired
- Other
- Parcels
- Two Foot Contour
- National Wetland Inventory
- Lake
- Wetland
- River
- Land Use Cases
- Encumbrances
- Municipal Boundaries
- Historical Parcels
- 2016 Imagery
- Red: Band_1
- Green: Band_2
- Blue: Band_3

1: 1,674

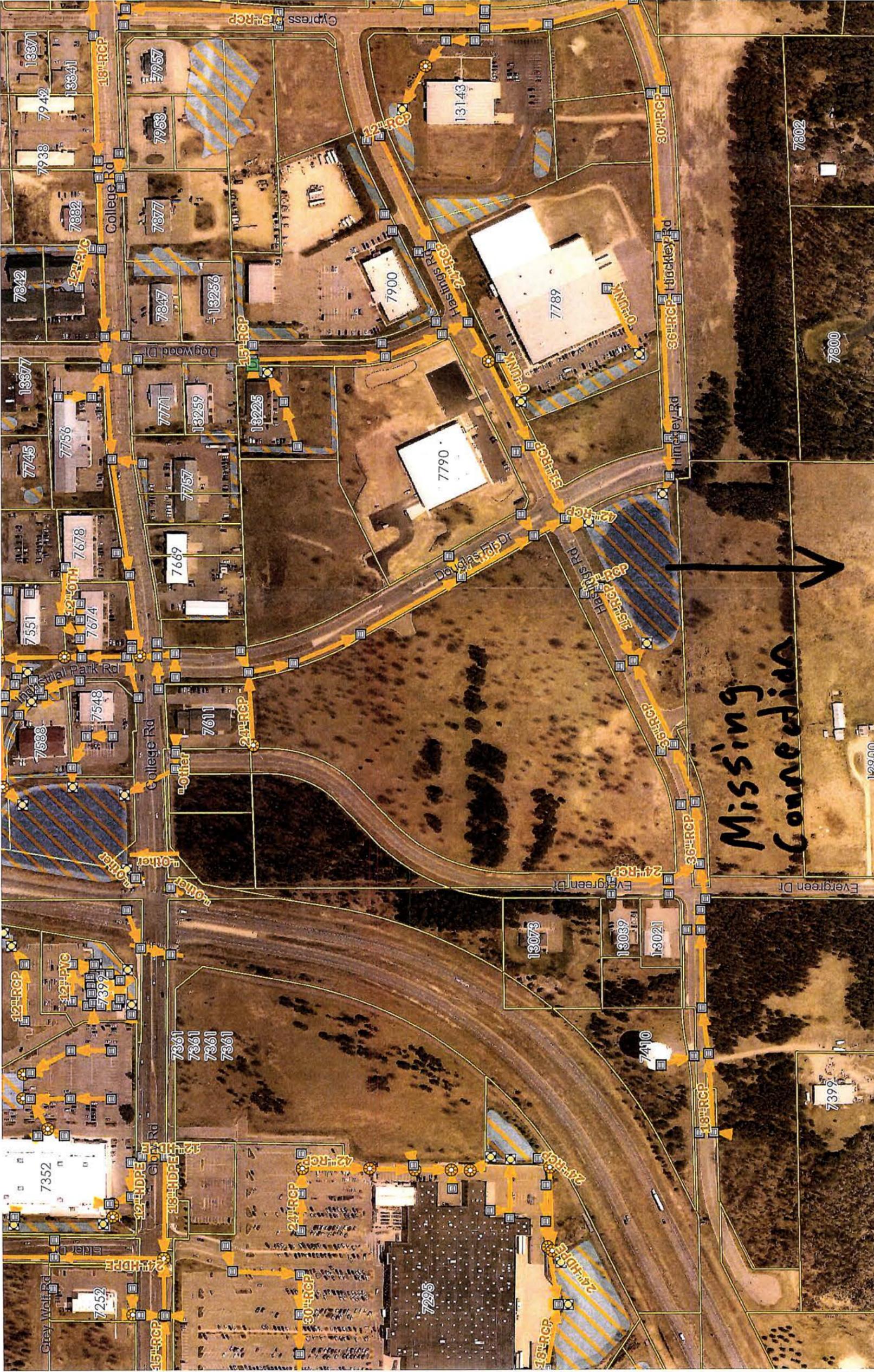
Notes

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
THIS MAP IS NOT TO BE USED FOR NAVIGATION





State Hwy 210



- Legend**
- Storm Network Structures
 <all other values>
- Discharge Structure
 - Diversion Chamber
 - Diversion Point
 - Junction Chamber
 - Lift Station
 - Production Well
 - Pump Station
 - Split Manhole
 - Storage Basin
 - Tide Chamber
 - Treatment Plant
- Storm Inlets
- Storm Discharge Points
- Storm Manholes
- Storm Gravity Mains
- Storm Virtual Drainlines
- Storm Open Drains
- Storm Detention Areas
- Streets
- Locations
- Current
 - Pending
 - Vacant
 - Retired
 - Other
- Parcels
- Land Use Cases
- Encumbrances
- Municipal Boundaries
- Historical Parcels
- 2016 Imagery
- Red: Band_1
 - Green: Band_2
 - Blue: Band_3

1:3,557



Notes

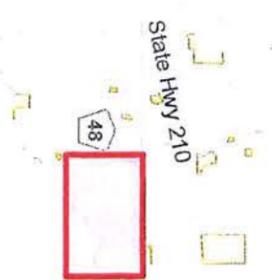
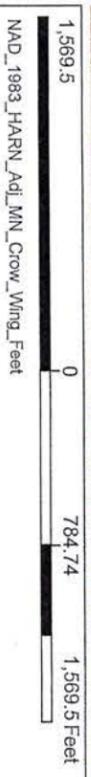
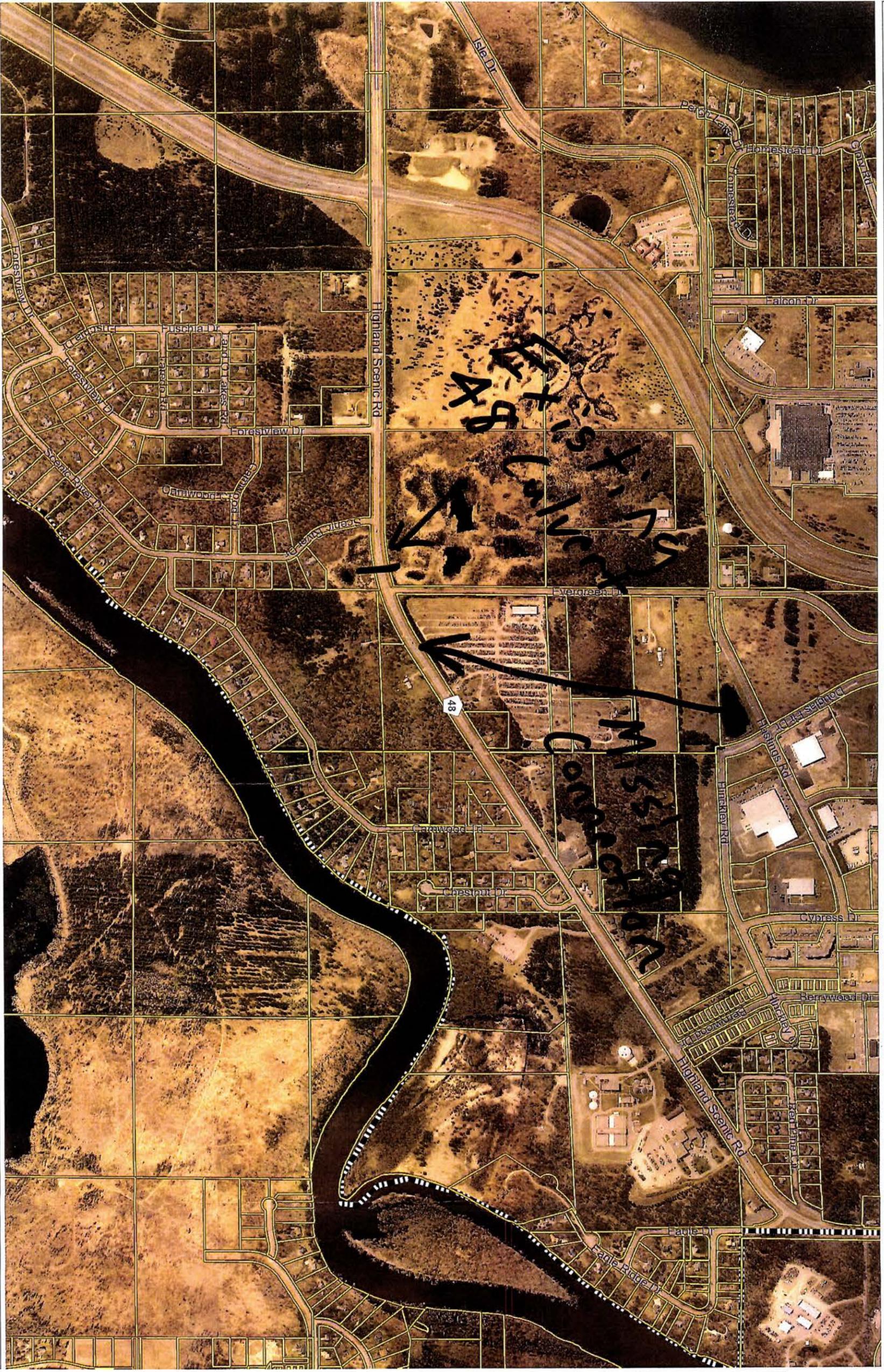
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THIS MAP IS NOT TO BE USED FOR NAVIGATION



592.9 296.46 592.9 Feet

NAD_1983_HARN_Adj_MN_Crow_Wing_Feet



- Legend**
- Streets
 - Parcels
 - Land Use Cases
 - Encumbrances
 - Municipal Boundaries
 - Historical Parcels
 - 2016 Imagery
 - Red: Band_1
 - Green: Band_2
 - Blue: Band_3

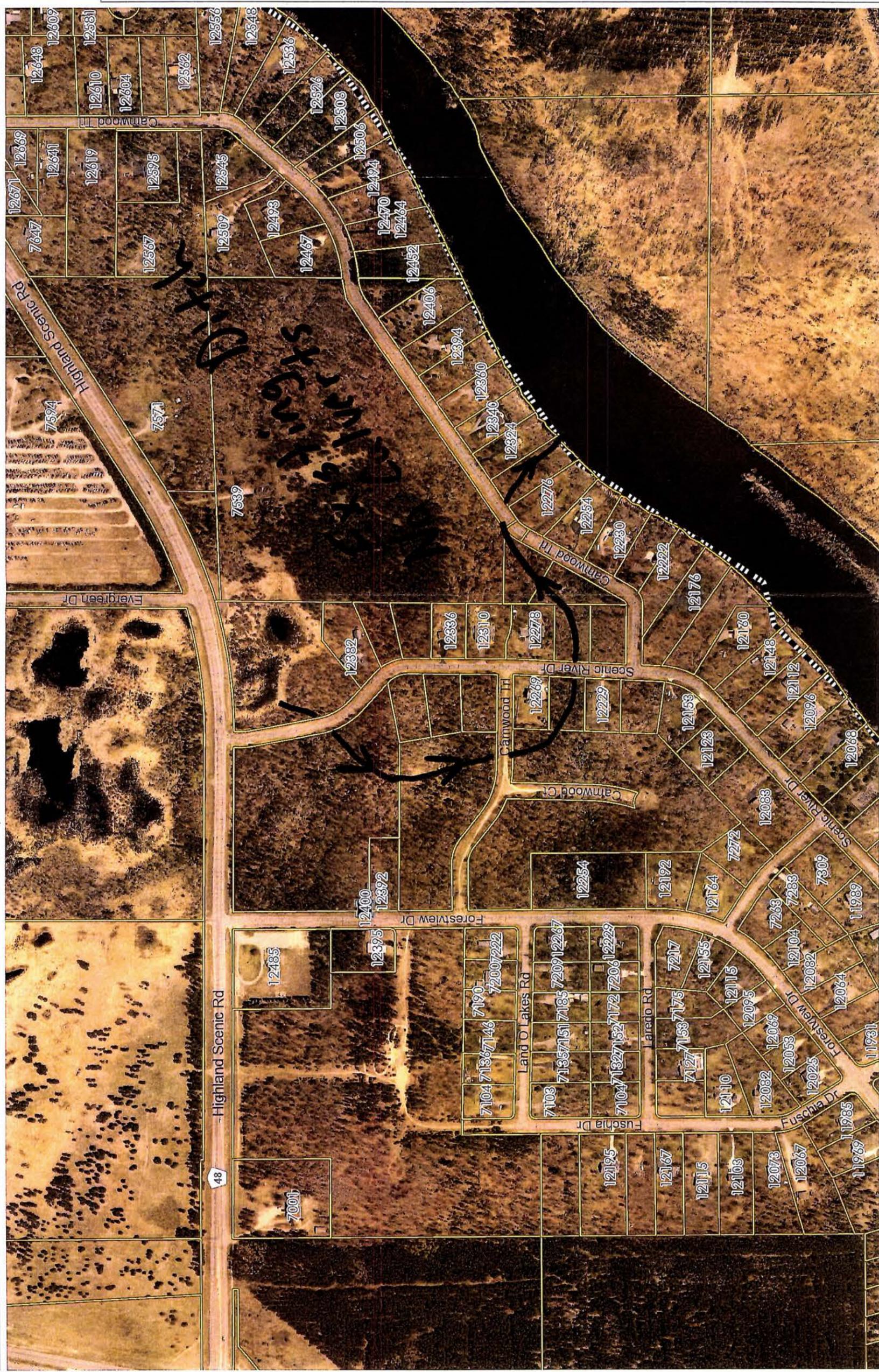
1:9,417



Notes

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THIS MAP IS NOT TO BE USED FOR NAVIGATION



Legend

- Streets
- Locations
 - Current
 - Pending
 - Vacant
 - Retired
 - Other
- Parcels
- Land Use Cases
- Encumbrances
- Municipal Boundaries
- Historical Parcels
- 2016 Imagery
 - Red: Band_1
 - Green: Band_2
 - Blue: Band_3

1: 4,688

Notes

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
THIS MAP IS NOT TO BE USED FOR NAVIGATION

781.3 0 390.63 781.3 Feet

NAD_1983_HARN_Adj_MN_Crow_Wing_Feet



Baxter/Brainerd
7804 Industrial Park Road
PO Box 2720
Baxter, MN 56425-2720

218.829.5117
218.829.2517
Brainerd@wsn.us.com
WidethSmithNolting.com

September 27, 2016

Trevor Walter, P.E.
Public Works Director/City Engineer
City of Baxter
P.O. Box 2626
Baxter, MN 56425

**RE: Proposal for Engineering Services
SWPPP Compliance Review
Baxter, MN**

Dear Mr. Walter:

Thank you for the opportunity to submit our proposal to assist the City of Baxter with a review of their current Stormwater Pollution Prevention Plan (SWPPP). Our review will be based upon the Minnesota Pollution Control Agency (MPCA) General Permit (GP) No. MNR040000 for Municipal Separate Storm Sewer Systems (MS4) dated August 1, 2013. The City of Baxter is an MS4 city required to be in compliance with the GP as of December 1, 2013.

We have previously provided considerable input and data during the MS4 GP implementation process and are very familiar with the City of Baxter's municipal storm water system. WSN staff has also assisted the City of Alexandria with a compliance check and is very familiar with the GP and its requirements. Our familiarity with the City of Baxter's system, the GP, strong local presence, and dedication to the City make WSN a prudent choice to assist in completing a compliance check of the City's SWPPP with the MS4 regulations effective August 1, 2013. In addition, we will be readily available to assist with future endeavors, if necessary.

Key items to review include:

- ✓ Application and submittal information
- ✓ Written procedures for Enforcement Response Procedures
- ✓ Storm sewer system mapping
- ✓ Ponds, wetlands and lakes inventory
- ✓ Public education emphasis
- ✓ Illicit discharge recognition, training, reporting and prioritizing
- ✓ Spill response procedures
- ✓ Written procedures for conducting plan reviews including non-compliant plans
- ✓ Written procedures for conducting site inspections
- ✓ Post-construction control of discharge volume, TSS and Phosphorus
- ✓ Infiltration regulations
- ✓ "Legal Mechanisms" for long-term maintenance of post-construction BMPs
- ✓ MS4 owned/operated facility inventory and inspection
- ✓ Procedures and a schedule for assessing pond treatment effectiveness
- ✓ Documentation for the six Minimum Control Measures (MCM's)

Our proposed scope of services is as follows:

SWPPP Compliance Assessment and Report

Our approach to assist the City of Baxter with developing a SWPPP that is compliant with the MPCA GP involves first meeting with City staff to become aware of all documentation and program efforts in place. We will then analyze each portion of the SWPPP and compare it with the GP requirements. Through the process, we will note deficiencies and complete a report outlining recommended modifications that need to be made to gain compliance. Tasks included in our proposal are:

- Meet with City staff to review SWPPP documentation and procedures
- Analyze SWPPP for compliance with MPCA GP
- Complete report documenting deficiencies and recommendations for compliance

WSN proposes to perform the services described above for a **Lump Sum fee of \$9,320.**

We will keep City staff informed of the project status and propose to have all work completed within 60 days of your authorization to proceed. If you are in agreement with our proposed scope of services, please sign and return one copy of this letter to us as our authorization to proceed.

We realize this is an important project to the City and as local citizens we welcome the opportunity to sit down with you and your staff to go over this proposal and, if necessary, adjust our approach to better conform to the needs of the City.

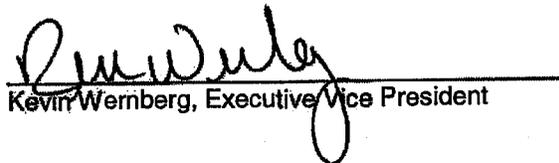
We thank you for giving us the opportunity to submit this proposal and look forward to working with City staff to make this review a valuable asset for the City.

Sincerely,



Aric Welch, P.E.

.....
Proposed by Widseth Smith Nolting


Kevin Wernberg, Executive Vice President

Approved as to form and content by the Baxter City Attorney

J. Brad Person Date

Accepted by City of Baxter: The above proposal and attached General Conditions are satisfactory and WSN is authorized to do the work as specified. Payment will be made monthly in accordance with percent of the total work scope completed at the time of Invoicing. Owner may accept this contract through the signature of its authorized representative below, verbally, or by permitting WSN to commence work on the project.

Date

Date

General Provisions of Professional Services Agreement

These General Provisions are intended to be used in conjunction with a letter-type Agreement or a Request for Services between Widseth Smith Nolting, a Minnesota Corporation, hereinafter referred to as WSN, and a CLIENT, wherein the CLIENT engages WSN to provide certain Architectural, and/or Engineering services on a Project.

As used herein, the term "this Agreement" refers to (1) the WSN Proposal Letter which becomes the Letter Agreement upon its acceptance by the Client, (2) these General Provisions and (3) any attached Exhibits, as if they were part of one and the same document. With respect to the order of precedence, any attached Exhibits shall govern over these General Provisions, and the Letter Agreement shall govern over any attached Exhibits and these General Provisions. These documents supersede all prior communications and constitute the entire Agreement between the parties. Amendments to this Agreement must be in writing and signed by both CLIENT and WSN.

ARTICLE 1. PERIOD OF SERVICE

The term of this Agreement for the performance of services hereunder shall be as set forth in the Letter Agreement. In this regard, any lump sum or estimated maximum payment amounts set forth in the Letter Agreement have been established in anticipation of an orderly and continuous progress of the Project in accordance with the schedule set forth in the Letter Agreement or any Exhibits attached thereto. WSN shall be entitled to an equitable adjustment to its fee should there be an interruption of services, or amendment to the schedule.

ARTICLE 2. SCOPE OF SERVICES

The scope of services covered by this Agreement shall be as set forth in the Letter Agreement or a Request for Services. Such scope of services shall be adequately described in order that both the CLIENT and WSN have an understanding of the expected work to be performed.

If WSN is of the opinion that any work they have been directed to perform is beyond the Scope of this Agreement, or that the level of effort required significantly exceeds that estimated due to changed conditions and thereby constitutes extra work, they shall notify the CLIENT of that fact. Extra work, additional compensation for same, and extension of time for completion shall be covered by a revision to the Letter Agreement or Request for Services and entered into by both parties.

ARTICLE 3. COMPENSATION TO WSN

A. Compensation to WSN for services described in this Agreement shall be on a Lump Sum basis, Percentage of Construction, and/or Hourly Rate basis as designated in the Letter Agreement and as hereinafter described.

1. A Lump Sum method of payment for WSN's services shall apply to all or parts of a work scope where WSN's tasks can be readily defined and/or where the level of effort required to accomplish such tasks can be estimated with a reasonable degree of accuracy. The CLIENT shall make monthly payments to WSN within 30 days of date of invoice based on an estimated percentage of completion of WSN's services.
2. A Percentage of Construction or an Hourly Rate method of payment of WSN's services shall apply to all or parts of a work scope where WSN's tasks cannot be readily defined and/or where the level of effort required to accomplish such tasks cannot be estimated with any reasonable degree of accuracy. Under an Hourly Rate method of payment, WSN shall be paid for the actual hours worked on the Project by WSN technical personnel times an hourly billing rate established for each employee. Hourly billing rates shall include compensation for all salary costs, payroll burden, general, and administrative overhead and professional fee. In a Percentage of Construction method of payment, final compensation will be based on actual bids if the project is bid and WSN's estimate to the CLIENT if the project is not bid. A rate schedule shall be furnished by WSN to CLIENT upon which to base periodic payments to WSN.
3. In addition to the foregoing, WSN shall be reimbursed for items and services as set forth in the Letter Agreement or Fee Schedule and the following Direct Expenses when incurred in the performance of the work:
 - (a) Travel and subsistence.
 - (b) Specialized computer services or programs.
 - (c) Outside professional and technical services with cost defined as the amount billed WSN.
 - (d) Identifiable reproduction and reprographic costs.
 - (e) Other expenses for items such as permit application fees, license fees, or other additional items and services whether or not specifically identified in the Letter Agreement or Fee Schedule.
4. The CLIENT shall make monthly payments to WSN within 30 days of date of invoice based on computations made in accordance with the above charges for services provided and expenses incurred to date, accompanied by supporting evidence as available.

B. The CLIENT will pay the balance stated on the invoice unless CLIENT notifies WSN in writing of the particular item that is alleged to be incorrect within 15 days from the date of invoice, in which case, only the disputed item will remain undue until resolved by the parties. All accounts unpaid after 30 days from the date of original invoice shall be subject to a service charge of 1 % per month, or the maximum amount authorized by law, whichever is less. WSN shall be entitled to recover all reasonable costs and disbursements, including reasonable attorneys fees, incurred in connection with collecting amount owed by CLIENT. In addition, WSN may, after giving seven days written notice to the CLIENT, suspend services and withhold deliverables under this Agreement until WSN has been paid in full for all amounts then due for services, expenses and charges. CLIENT agrees that WSN shall not be responsible for any claim for delay or other consequential damages arising from suspension of services hereunder. Upon payment in full by Client and WSN's resumption of services, the time for performance of WSN's services shall be equitably adjusted to account for the period of suspension and other reasonable time necessary to resume performance.



ARTICLE 4. ABANDONMENT, CHANGE OF PLAN AND TERMINATION

Either Party has the right to terminate this Agreement upon seven days written notice. In addition, the CLIENT may at any time, reduce the scope of this Agreement. Such reduction in scope shall be set forth in a written notice from the CLIENT to WSN. In the event of unresolved dispute over change in scope or changed conditions, this Agreement may also be terminated upon seven days written notice as provided above.

In the event of termination, and upon payment in full for all work performed and expenses incurred to the date of termination, documents that are identified as deliverables under the Letter Agreement whether finished or unfinished shall be made available by WSN to the CLIENT pursuant to Article 5, and there shall be no further payment obligation of the CLIENT to WSN under this Agreement except for payment of an amount for WSN's anticipated profit on the value of the services not performed by WSN and computed in accordance with the provisions of Article 3 and the Letter Agreement.

In the event of a reduction in scope of the Project work, WSN shall be paid for the work performed and expenses incurred on the Project work thus reduced and for any completed and abandoned work, for which payment has not been made, computed in accordance with the provisions of Article 3 and the Letter Agreement.

ARTICLE 5. DISPOSITION OF PLANS, REPORTS AND OTHER DATA

All reports, plans, specifications, field data and notes and other documents, including all documents on electronic media, prepared by WSN or its consultants are Instruments of Service and shall remain the property of WSN or its consultants, respectively. WSN and its subconsultants retain all common law, statutory and other reserved rights, including, without limitation, copyright. WSN and its subconsultants maintain the right to determine if production will be made, and allowable format for production, of any electronic media or data to CLIENT or any third-party. Upon payment in full of monies due pursuant to the Agreement, WSN shall make hard copies available to the CLIENT, of all documents that are identified as deliverables under the Letter Agreement. If the documents have not been finished (including, but not limited to, completion of final quality control), then WSN shall have no liability for any claims expenses or damages that may arise out of items that could have been corrected during completion/quality control. Any Instruments of Service provided are not intended or represented to be suitable for reuse by the CLIENT or others on extensions of the Project or any other project. Any modification or reuse without written verification or adaptation by WSN for the specific purpose intended will be at CLIENT's sole risk and without liability or legal exposure to WSN. CLIENT shall indemnify, defend and hold harmless WSN from any and all suits or claims of third parties arising out of use of unfinished documents, or modification or reuse of finished documents, which is not specifically verified, adapted, or authorized in writing by WSN. This indemnity shall survive the termination of this Agreement.

Should WSN choose to deliver to CLIENT documents in electronic form, CLIENT acknowledges that differences may exist between any electronic files delivered and the printed hard-copy. Copies of documents that may be relied upon by CLIENT are limited to the printed hard-copies that are signed and/or sealed by WSN. Files in electronic form are only for convenience of CLIENT. Any conclusion or information obtained or derived from such electronic documents will be at user's sole risk. CLIENT acknowledges that the useful life of some forms of electronic media may be limited because of deterioration of the media or obsolescence of the computer hardware and/or software systems. Therefore, WSN makes no representation that such media will be fully usable beyond 30 days from date of delivery to CLIENT.

ARTICLE 6. CLIENT'S ACCEPTANCE BY PURCHASE ORDER OR OTHER MEANS

In lieu of or in addition to signing the acceptance blank on the Letter Agreement, the CLIENT may accept this Agreement by permitting WSN to commence work on the project or by issuing a purchase order signed by a duly authorized representative. Such purchase order shall incorporate by reference the terms and conditions of this Agreement. In the event of a conflict between the terms and conditions of this Agreement and those contained in the CLIENT's purchase order, the terms and conditions of this Agreement shall govern. Notwithstanding any purchase order provisions to the contrary, no warranties, express or implied, are made by WSN.

ARTICLE 7. CLIENT'S RESPONSIBILITIES

- A. To permit WSN to perform the services required hereunder, the CLIENT shall supply, in proper time and sequence, the following at no expense to WSN:
1. Provide all program, budget, or other necessary information regarding its requirements as necessary for orderly progress of the work.
 2. Designate in writing, a person to act as CLIENT's representative with respect to the services to be rendered under this Agreement. Such person shall have authority to transmit instructions, receive instructions, receive information, interpret and define CLIENT's policies with respect to WSN's services.
 3. Furnish, as required for performance of WSN's services (except to the extent provided otherwise in the Letter Agreement or any Exhibits attached hereto), data prepared by or services of others, including without limitation, core borings, probes and subsurface explorations, hydrographic and geohydrologic surveys, laboratory tests and inspections of samples, materials and equipment; appropriate professional interpretations of all of the foregoing; environmental assessment and impact statements; property, boundary easement, right-of-way, topographic and utility surveys; property descriptions; zoning, deed and other land use restriction; and other special data not covered in the Letter Agreement or any Exhibits attached hereto.
 4. Provide access to, and make all provisions for WSN to enter upon publicly or privately owned property as required to perform the work.
 5. Act as liaison with other agencies or involved parties to carry out necessary coordination and negotiations; furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.
 6. Examine all reports, sketches, drawings, specifications and other documents prepared and presented by WSN, obtain advice of an attorney, insurance counselor or others as CLIENT deems necessary for such examination and render in writing, decisions pertaining thereto within a reasonable time so as not to delay the services of WSN.
 7. Give prompt written notice to WSN whenever CLIENT observes or otherwise becomes aware of any development that affects the scope of timing of WSN's services or any defect in the work of Construction Contractor(s), Consultants or WSN.
 8. Initiate action, where appropriate, to identify and investigate the nature and extent of asbestos and/or pollution in the Project and to abate and/or remove the same as may be required by federal, state or local statute, ordinance, code, rule, or regulation now existing or hereinafter enacted or amended. For purposes of this Agreement, "pollution" and "pollutant" shall mean any solid, liquid, gaseous or thermal irritant or contaminant, including smoke, vapor, soot, alkalis, chemicals and hazardous or toxic waste. Hazardous or toxic waste means any substance, waste pollutant or contaminant now or hereafter included within such terms under any federal, state or local statute, ordinance, code, rule or regulation now existing or hereinafter enacted or amended. Waste further includes materials to be recycled, reconditioned or reclaimed.
- If WSN encounters, or reasonably suspects that it has encountered, asbestos or pollution in the Project, WSN shall cease activity on the Project and promptly notify the CLIENT, who shall proceed as set forth above. Unless otherwise specifically provided in the Letter Agreement, the services to be provided by WSN do not include identification of asbestos or pollution, and WSN has no duty to identify or attempt to identify the same within the area of the Project.
- With respect to the foregoing, CLIENT acknowledges and agrees that WSN is not a user, handler, generator, operator, treater, storer, transporter or disposer of asbestos or pollution which may be encountered by WSN on the Project. It is further understood and agreed that services WSN will undertake for CLIENT may be uninsurable obligations involving the presence or potential presence of asbestos or pollution. Therefore, CLIENT agrees, except (1) such liability as may arise out of WSN's sole negligence in the performance of services under this Agreement or (2) to the extent of insurance coverage available for the claim, to hold harmless, indemnify and defend WSN and WSN's officers, subcontractor(s), employees and agents from and against any and all claims, lawsuits, damages, liability and costs, including, but not limited to, costs of defense, arising out of or in any way connected with the presence, discharge, release, or escape of asbestos or pollution. This indemnification is intended to apply only to existing conditions and not to conditions caused or created by WSN. This indemnification shall survive the termination of this Agreement.
9. Provide such accounting, independent cost estimating and insurance counseling services as may be required for the Project, such legal services as CLIENT may require or WSN may reasonably request with regard to legal issues pertaining to the Project including any that may be raised by Contractor(s), such auditing service as CLIENT may require to ascertain how or for what purpose any Contractor has used the moneys paid under the construction contract, and such inspection services as CLIENT may require to ascertain that Contractor(s) are complying with any law, rule, regulation, ordinance, code or order applicable to their furnishing and performing the work.

10. Provide "record" drawings and specifications for all existing physical features, structures, equipment, utilities, or facilities which are pertinent to the Project, to the extent available.
11. Provide other services, materials, or data as may be set forth in the Letter Agreement or any Exhibits attached hereto.

B. WSN may use any CLIENT provided information in performing its services. WSN shall be entitled to rely on the accuracy and completeness of information furnished by the CLIENT. If WSN finds that any information furnished by the CLIENT is in error or is inadequate for its purpose, WSN shall endeavor to notify the CLIENT. However, WSN shall not be held responsible for any errors or omissions that may arise as a result of erroneous or incomplete information provided by CLIENT.

ARTICLE 8. OPINIONS OF COST

Opinions of probable project cost, construction cost, financial evaluations, feasibility studies, economic analyses of alternate solutions and utilitarian considerations of operations and maintenance costs provided for in the Letter Agreement or any Exhibits attached hereto are to be made on the basis of WSN's experience and qualifications and represent WSN's judgment as an experienced design professional. It is recognized, however, that WSN does not have control over the cost of labor, material, equipment or services furnished by others or over market conditions or contractors' methods of determining their prices, and that any evaluation of any facility to be constructed, or acquired, or work to be performed on the basis of WSN's cost opinions must, of necessity, be speculative until completion of construction or acquisition. Accordingly, WSN does not guarantee that proposals, bids or actual costs will not substantially vary from opinions, evaluations or studies submitted by WSN to CLIENT hereunder.

ARTICLE 9. CONSTRUCTION PHASE SERVICES

CLIENT acknowledges that it is customary for the architect or engineer who is responsible for the preparation and furnishing of Drawings and Specifications and other construction-related documents to be employed to provide professional services during the Bidding and Construction Phases of the Project, (1) to interpret and clarify the documentation so furnished and to modify the same as circumstances revealed during bidding and construction may dictate, (2) in connection with acceptance of substitute or equal items of materials and equipment proposed by bidders and Contractor(s), (3) in connection with approval of shop drawings and sample submittals, and (4) as a result of and in response to WSN's detecting in advance of performance of affected work inconsistencies or irregularities in such documentation. CLIENT agrees that if WSN is not employed to provide such professional services during the Bidding (if the work is put out for bids) and the Construction Phases of the Project, WSN will not be responsible for, and CLIENT shall indemnify and hold WSN, its officers, consultant(s), subcontractor(s), employees and agents harmless from, all claims, damages, losses and expenses including attorneys' fees arising out of, or resulting from, any interpretation, clarification, substitution acceptance, shop drawing or sample approval or modification of such documentation issued or carried out by CLIENT or others. Nothing contained in this paragraph shall be construed to release WSN, its officers, consultant(s), subcontractor(s), employees and agents from liability for failure to perform in accordance with professional standards any duty or responsibility which WSN has undertaken or assumed under this Agreement.

ARTICLE 10. REVIEW OF SHOP DRAWINGS AND SUBMITTALS

WSN may review and approve or take other appropriate action on the contractor's submittals or shop drawings for the limited purpose of checking for general conformance with information given and design concept expressed in the Contract Documents. Review and/or approval of submittals is not conducted for the purpose of determining accuracy and completeness of other details or for substantiating instructions for installation or performance of equipment or systems, all of which remain the exclusive responsibility of the contractor. WSN's review and/or approval shall not constitute approval of safety precautions, or any construction means, methods, techniques, sequences or procedures. WSN's approval of a specific item shall not indicate approval of an assembly of which the item is a component. WSN's review and/or approval shall not relieve contractor for any deviations from the requirements of the contract documents nor from the responsibility for errors or omissions on items such as sizes, dimensions, quantities, colors, or locations. Contractor shall remain solely responsible for compliance with any manufacturer requirements and recommendations.

ARTICLE 11. REVIEW OF PAY APPLICATIONS

If included in the scope of services, any review or certification of any pay applications, or certificates of completion shall be based upon WSN's observation of the Work and on the data comprising the contractor's application for payment, and shall indicate that to the best of WSN's knowledge, information and belief, the quantity and quality of the Work is in general conformance with the Contract Documents. The issuance of a certificate for payment or substantial completion is not a representation that WSN has made exhaustive or continuous inspections, reviewed construction means and methods, verified any back-up data provided by the contractor, or ascertained how or for what purpose the contractor has used money previously paid by CLIENT.

ARTICLE 12. REQUESTS FOR INFORMATION (RFI)

If included in the scope of services, WSN will provide, with reasonable promptness, written responses to requests from any contractor for clarification, interpretation or information on the requirements of the Contract Documents. If Contractor's RFI's are, in WSN's professional opinion, for information readily apparent from reasonable observation of field conditions or review of the Contract Documents, or are reasonably inferable therefrom, WSN shall be entitled to compensation for Additional Services for WSN's time in responding to such requests. CLIENT may wish to make the Contractor responsible to the CLIENT for all such charges for additional services as described in this article.

ARTICLE 13. CONSTRUCTION OBSERVATION

If included in the scope of services, WSN will make site visits as specified in the scope of services in order to observe the progress of the Work completed. Such site visits and observations are not intended to be an exhaustive check or detailed inspection, but rather are to allow WSN to become generally familiar with the Work. WSN shall keep CLIENT informed about the progress of the Work and shall advise the CLIENT about observed deficiencies in the Work. WSN shall not supervise, direct or have control over any Contractor's work, nor have any responsibility for the construction means, methods, techniques, sequences or procedures selected by the Contractor nor for the Contractor's safety precautions or programs in connection with the Work. These rights and responsibilities are solely those of the Contractor. WSN shall not be responsible for any acts or omissions of any Contractor and shall not be responsible for any Contractor's failure to perform the Work in accordance with the Contract Documents or any applicable laws, codes, regulations, or industry standards.

If construction observation services are not included in the scope of services, CLIENT assumes all responsibility for interpretation of the Contract Documents and for construction observation, and the CLIENT waives any claims against WSN that are connected with the performance of such services.

ARTICLE 14. BETTERMENT

If, due to WSN's negligence, a required item or component of the Project is omitted from the construction documents, WSN shall not be responsible for paying the cost required to add such item or component to the extent that such item or component would have been required and included in the original construction documents. In no event, will WSN be responsible for any cost or expense that provides betterment or upgrades or enhances the value of the Project.

ARTICLE 15. CERTIFICATIONS, GUARANTEES AND WARRANTIES

WSN shall not be required to sign any documents, no matter by who requested, that would result in WSN having to certify, guarantee or warrant the existence of conditions whose existence WSN cannot ascertain. CLIENT agrees not to make resolution of any dispute with WSN or payment of any amount due to WSN in any way contingent upon WSN signing such certification.

ARTICLE 16. CONTINGENCY FUND

CLIENT and WSN agree that certain increased costs and changes may be required because of possible omissions, ambiguities or inconsistencies in the plans and specifications prepared by WSN, and therefore, that the final construction cost of the Project may exceed the bids, contract amount or estimated construction cost. CLIENT agrees to set aside a reserve in the amount of 5% of the Project construct costs as a contingency to be used, as required, to pay for any such increased costs and changes. CLIENT further agrees to make no claim by way of direct or third-party action against WSN with respect to any increased costs within the contingency because of such changes or because of any claims made by any Contractor relating to such changes.

ARTICLE 17. INSURANCE

WSN shall procure and maintain insurance for protection from claims against it under workers' compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any and all employees or of any person other than such employees, and from claims against it for damages because of injury to or destruction of property including loss of use resulting therefrom.

Also, WSN shall procure and maintain professional liability insurance for protection from claims arising out of performance of professional services caused by any negligent act, error, or omission for which WSN is legally liable.

Certificates of insurance will be provided to the CLIENT upon request.

ARTICLE 18. ASSIGNMENT

Neither Party to this Agreement shall transfer, sublet or assign any rights or duties under or interest in this Agreement, including but not limited to monies that are due or monies that may be due, without the prior written consent of the other party. Subcontracting to subconsultants, normally contemplated by WSN as a generally accepted business practice, shall not be considered an assignment for purposes of this Agreement.

ARTICLE 19. NO THIRD-PARTY BENEFICIARIES

Nothing contained in this Agreement shall create a contractual relationship or a cause of action by a third-party against either WSN or CLIENT. WSN's services pursuant to this Agreement are being performed solely for the CLIENT's benefit, and no other party or entity shall have any claim against WSN because of this Agreement.

ARTICLE 20. CORPORATE PROTECTION

It is intended by the parties to this Agreement that WSN's services in connection with the Project shall not subject WSN's individual employees, officers or directors to any personal legal exposure for the risks associated with this Project. Therefore, and notwithstanding anything to the contrary, CLIENT agrees that as the CLIENT's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against WSN, a Minnesota corporation, and not against any of WSN's individual employees, officers or directors.

ARTICLE 21. CONTROLLING LAW

This Agreement is to be governed by the laws of the State of Minnesota.

ARTICLE 22. ASSIGNMENT OF RISK

In recognition of the relative risks and benefits of the project to both the CLIENT and WSN, the risks have been allocated such that the CLIENT agrees, to the fullest extent permitted by law, to limit the liability of WSN, employees of WSN and sub-consultants, to the CLIENT and to all construction contractors, subcontractors, agents and assigns on the project for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, so that total aggregate liability of WSN, employees of WSN and sub-consultants, to all those named shall not exceed \$1,000,000 on this project. Such claims and causes include, but are not limited to negligence, professional errors or omissions, strict liability, breach of contract or warranty.

ARTICLE 23. NON-DISCRIMINATION

WSN will comply with the provisions of applicable federal, state and local statutes, ordinances and regulations pertaining to human rights and non-discrimination.

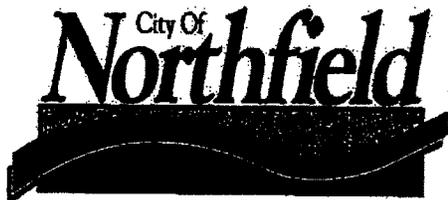
ARTICLE 24. SEVERABILITY

Any provision or portion thereof in this Agreement which is held to be void or unenforceable under any law shall be deemed stricken and all remaining provisions shall continue to be valid and binding between CLIENT and WSN. All limits of liability and indemnities contained in the Agreement shall survive the completion or termination of the Agreement.

ARTICLE 25. PRE-LIEN NOTICE

Pursuant to the Agreement WSN will be performing services in connection with improvements of real property and may contract with subconsultants or subcontractors as appropriate to furnish labor, skill and/or materials in the performance of the work. Accordingly, CLIENT is entitled under Minnesota law to the following Notice:

- (a) Any person or company supplying labor or materials for this improvement to your property may file a lien against your property if that person or company is not paid for its contributions.
- (b) Under Minnesota law, you have the right to pay persons who supplied labor or materials for this improvement directly and deduct this amount from our contract price, or withhold the amounts due from us until 120 days after completion of the improvement unless we give you a lien waiver signed by persons who supplied any labor or materials for the improvement and who gave you timely notice.



February 20, 2015

MPCA
520 Lafayette Road North
St. Paul, MN 55155
Attn. Cole Landgraf

Re: Northfield NPDES MS4 Audit – Alleged Violation Response

Dear Mr. Landgraf:

The City of Northfield has reviewed the comments received from the MPCA related to the audit of the City's NPDES permit (MNR040000). In review of the findings, the City has come up with short term and long term goals to ensure full implementation and compliance with the permit.

In the short term (2015), the following items are being implemented:

1. The City will be filling an otherwise vacant engineering technician position. Currently, job description is being updated to reflect findings and recommendations of the MPCA audit. Primary responsibilities of this position will include ensuring compliance with NPDES permit requirements. The 2015 Budget is reflective of this in the amount of \$73,000 in salary and benefits.
2. An existing summer internship program will be filled and directed to assist with the field based inspections and other reporting requirements as a stop gap measure and additional enforcement. Likewise, the entire public works staff including parks and streets has been charged with basic inspection responsibilities.
3. The City has identified a firm and scope of services for an organizational structure review to be completed by a third party private consultant. This will review all aspects of engineering and public works. That said, in light of the findings, a stated goal of the contract will be compliance with the recommendations and findings found within the report. The anticipated cost is slated to be \$10,000.
4. The position of Project Manager has been created and staffed. This individual will be responsible for identifying, planning for and executing CIP based projects. In response to the findings of this report, \$60,000 has been set aside for stormwater pond clean out planning and an additional \$550,000 is now in the 2015-2016 Biennial Budget as adopted by council.

In the Long term (2016 and beyond) staffing will necessitate the need for 1 FTE position (Natural Resource Technician), 1 FTE (Utility Operations), and 1 summer intern position. The City Asst. Public Works Director has also been reassigned. His duties will include integration of the NPDES permit into the City's overall storm water operation and capital improvement program.

Also, The City has compiled the requested information and summarized it below.

MPCA Request 1: MPCA requested procedures and supporting documentation that the City has conducted site plan review.

City Response 1: The City has a Development Review Committee that reviews projects related to new development, redevelopment, and expansion of buildings/impervious surface. The Standard Operating Procedure (SOP) for the review along with the items reviewed is attached as SOP 1.01. Along with the SOP 1.01 a project review letter and grading permit are attached.

MPCA Request 2: MPCA requested procedures and supporting documentation that construction site inspections have been conducted.

City Response 2: The City has a project field representative for all public infrastructure improvements, the representative is monitoring and coordinating site inspections related to compliance with the NPDES Permit. See SOP 1.02 for construction site inspections along with construction site inspection documentation.

MPCA Request 3: MPCA requested procedures and supporting documentation that construction site enforcement has been performed to ensure site compliance.

City Response 3: City operations and field staff will notify the Engineering Division of any apparent violations noticed within the City. In review of this, the City has formalized a SOP 1.03 related to Construction Site Enforcement. Typically sites in question are required to have a grading permit, along with an escrow to ensure compliance at the site.

MPCA Request 4: MPCA requested procedures and consideration of noncompliant reports received from the Public.

City Response 4: The City has formalized SOP 1.03 which has procedures on how to handle public inquiries. An inquiry from the public regarding non-compliance of a site is attached.

MPCA Request 5: MPCA requested documentation of inspection and maintenance activities of outfalls, ponds, BMP's, and storage and material handling areas.

City Response 5: The City has developed SOP 1.04 to assist in identifying the number of outfalls, ponds, and BMP's that need to be inspected. The SOP identifies the items to be inspected and documented. The City also has identified pond maintenance activities scheduled in the Capital Improvement Program from 2015 to 2019.

If you have any question please feel free to call me.



Minnesota Department of Transportation

District 3

7694 Industrial Park Road
Baxter, MN 56425

-98-

Office Phone: 218-828-5700
Fax: 218-828-5814

September 27, 2016

Trevor Walter
Baxter City Engineer
13190 Memorywood Dr.
PO Box 2626
Baxter, MN 56425

RE: C.S. 1809 & 1810
Turnback to City of Baxter

Dear Mr. Walter:

The Minnesota Department of Transportation, in accordance with Minnesota Statutes 161.16 and 161.24, intends to release to the city of Baxter, on or before April 1, 2017, the following described road:

- Portion of Isle Drive roadway near TH 371 and CSAH 48
- Segment of Dellwood Drive No. from Excelsior Road to Universal Drive
- A small triangle of Edgewood Drive north of Woida Road
- A small segment of Novotny Road

A map of the affected right-of-way to be conveyed is outlined in yellow on the attached map.

If you have any questions, please contact me.

Sincerely,

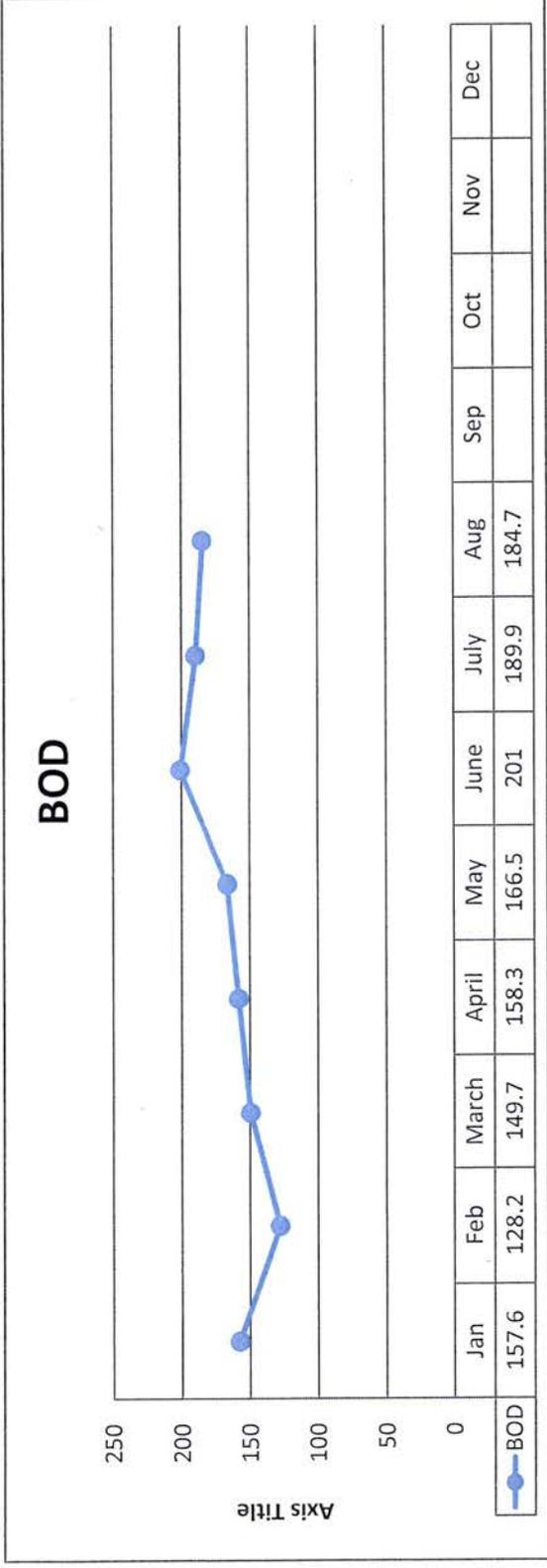
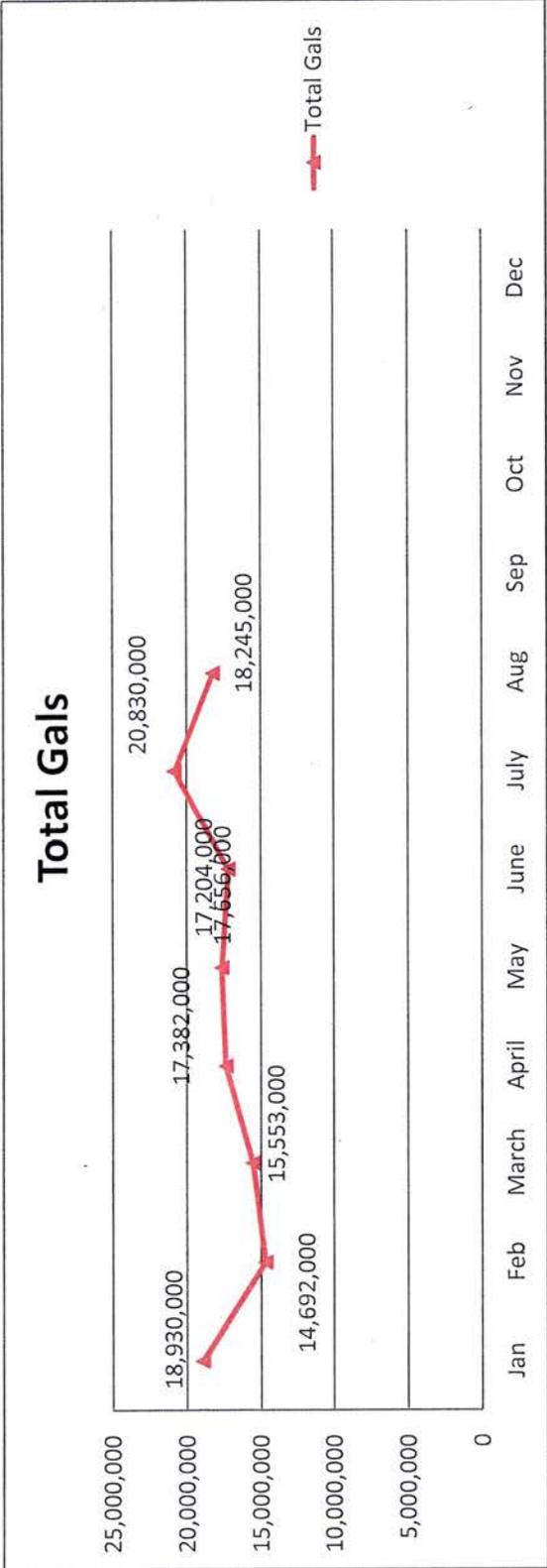
Kelvin Howieson
District State Aid Engineer

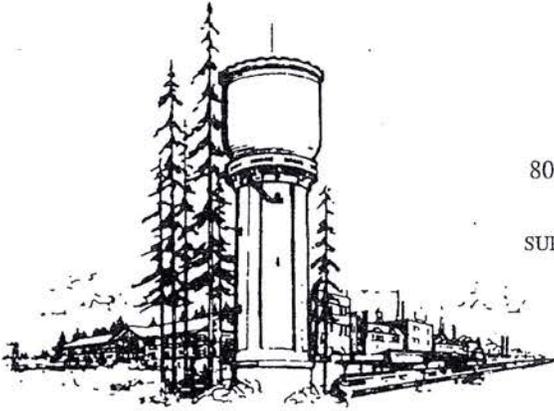
Enclosure

cc: Dan Anderson/Kevin Schmidt - Baxter
Jamie Hukriede/Todd Sangren - Baxter
Terry Lehmann - M.S. 632

An Equal Opportunity Employer







BRAINERD PUBLIC UTILITIES

8027 Highland Scenic Road • P.O. Box 373 • Brainerd, Minnesota 56401-0373

COMMISSION SECRETARY – Business Office 218.829.8726 – FAX 218.829.4703

SUPERINTENDENT OF UTILITIES – Repair Service Operations 218.829.2193 – FAX 218.829.2308

INTERNET WEB SITE – www.bpu.org

BRAINERD PUBLIC UTILITIES WASTEWATER TREATMENT CHARGES FOR THE CITY OF BAXTER for August 2016

Baxter Monthly Flow and Loading Data

Number of days in billing period	28
Total flow for period (gallons)	18,245,000
Average Daily Flow (MGD)	0.652
CBOD (mg/L)	184.7
TSS (mg/L)	291.2
TP (mg/L)	4.6

I. Base Charges

Base Capital Charge	\$0.00
Base Operating Charge	33,710.40
Subtotal for Period	<u>\$33,710.40</u>

II. Excess Charges

Excess Capital Charge	\$0.00
Excess Operating Charges	
Excess Flow	0.00
Excess Loading	0.00
Excess Strength	0.00
Subtotal for Period	<u>\$0.00</u>

III. Base and Excess Charge Adjustments

(True up from previous year based on actual Operating Costs)

Operating Charges Previously Billed	\$0.00
True-up Charges (Credit) for 2015	0.00
Excess Capital Charge Adjustment	0.00
Excess Operating Charge Adjustments	
Excess Flow Adjustment	0.00
Excess Loading Adjustment	0.00
Excess Strength Adjustment	0.00
Subtotal for Period	<u>\$0.00</u>
Total for Period	<u>\$33,710.40</u>

Monthly Input Data
for
August 2016

Current Month	August
Year	2016
Number of days in billing period	28

Flow

	Brainerd	Baxter	Total
Total flow for period (gallons)	55,036,000	18,245,000	73,281,000
Average Daily Flow (MGD)	1.966	0.652	2.617

Loading

Measurement Number	Brainerd				Baxter			
	CBOD (mg/L)	TSS (mg/L)	TP (mg/L)	TM (ng/L)	CBOD (mg/L)	TSS (mg/L)	TP (mg/L)	TM (ng/L)
1	118			0	227			0
2	189	1,208			140	192		
3	79	274	4.57		121	151	4.37	
4	247	1,042			220	402		
5	165	564			158	228		
6	100	100	2.82		138	138	4.21	
7	146	406			199	271		
8	60	146			173	192		
9	222	462	2.96		154	142	4.63	
10	171	542			168	270		
11	245	800			146	294		
12	144	286	2.78		192	177	4.90	
13	74	134			365	1,082		
14		214				300		
15		300	3.77			238	4.85	
16								
17								
18								
19								
20								
Average Daily Loadings (conc.)	151	463	3.4	-	185	291	4.6	-
Average Daily Loadings (lbs/d)	2,473	7,590	55	-	1,004	1,584	25	-
Average Daily Loadings (mg/d)	-	-	-	-	-	-	-	-

Most Recent Twelve Months Input Data

Brainerd Most Recent Twelve Months Data

	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Average	mg/L
Flow (MGD)	1.330	1.337	1.292	1.423	1.356	1.203	1.305	1.472	1.579	1.431	1.894	1.966	1.466	
CBOD (lbs/d)	1,141	1,464	1,610	1,417	1,187	1,420	1,497	1,146	1,475	1,086	1,863	2,473	1,482	121
TSS (lbs/d)	2,790	5,024	4,403	2,982	2,250	2,900	2,200	2,380	3,854	2,848	4,750	7,590	3,664	300
TP (lbs/d)	47	63	52	45	50	52	47	48	51	46	44	55		

Baxter Most Recent Twelve Months Data

	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Average	mg/L
Flow (MGD)	0.586	0.581	0.572	0.544	0.541	0.525	0.555	0.561	0.570	0.573	0.631	0.652	0.574	
CBOD (lbs/d)	724	986	683	634	711	561	694	741	791	962	1,000	1,004	791	165
TSS (lbs/d)	1,367	1,393	1,294	1,190	906	996	1,267	915	975	1,320	1,622	1,584	1,236	258
TP (lbs/d)	30	28	27	26	23	23	26	28	28	29	27	25		

Base Charge Calculations

for
August 2016

Base Capital Charge Calculations

(Based on the estimated Phase I capital costs, actual costs will be dependent upon interest rates, construction bids, etc.)

Capital Cost: \$0 PFA Interest Rate: 3.233%
Repayment Period (years) 20

	Weight	Brainerd Allocation		Baxter Allocation		Subtotals
	(%)	(%)	(\$)	(%)	(\$)	(\$)
Flow	30%	66.67%	\$0	33.33%	\$0	\$0
CBOD	30%	66.67%	\$0	33.33%	\$0	\$0
TSS	30%	66.67%	\$0	33.33%	\$0	\$0
TP	10%	66.67%	\$0	33.33%	\$0	\$0
		Totals	\$0		\$0	\$0

	Brainerd	Baxter
Monthly Charges	\$0.00	\$0.00

Base Operating Charge Calculations

Brainerd

Current Month Flow and Loading Data

Average Daily Flow (MGD)	1.966
CBOD (mg/L)	150.8
TSS (mg/L)	462.7
TP (mg/L)	3.4

Current Month Operating Charge

	Base Unit Cost		Mass	Monthly Cost
	(\$)	Units	(lbs/day)	(\$)
Flow	\$0.566	1000 gal	NA	\$31,135
CBOD	\$0.423	lb CBOD	2,473	\$29,280
TSS	\$0.164	lb TSS	7,590	\$34,762
TP	\$6.072	lb TP	55	\$9,427
Subtotal				\$104,603.07

Baxter

Current Month Flow and Loading Data

Average Daily Flow (MGD)	0.652
CBOD (mg/L)	184.7
TSS (mg/L)	291.2
TP (mg/L)	4.6

Current Month Operating Charge

	Base Unit Cost		Mass	Monthly Cost
	(\$)	Units	(lbs/day)	(\$)
Flow	\$0.566	1000 gal	NA	\$10,321
CBOD	\$0.423	lb CBOD	1,004	\$11,891
TSS	\$0.164	lb TSS	1,584	\$7,253
TP	\$6.072	lb TP	25	\$4,246
Subtotal				\$33,710.40

WWTP Influent and Effluent Flows

Date		BRD/BAX's Influent	BRD/BAX's Infl. Total	Baxter's Influent	Baxter's Daily Total	Brainerd's Daily Total
31-Aug	Wed					
30-Aug	Tue					
29-Aug	Mon					
28-Aug	Sun					
27-Aug	Sat					
26-Aug	Fri					
25-Aug	Thu	4,349,506,000	2,497	1,220,143,000	0.627	1.870
24-Aug	Wed	4,346,872,000	2,634	1,219,495,000	0.648	1.986
23-Aug	Tue	4,344,195,000	2,677	1,218,822,000	0.673	2.004
22-Aug	Mon	4,341,462,000	2,733	1,218,130,000	0.692	2.041
21-Aug	Sun	4,338,807,000	2,655	1,217,463,000	0.667	1.988
20-Aug	Sat	4,336,138,000	2,669	1,216,828,000	0.635	2.034
19-Aug	Fri	4,333,356,000	2,782	1,216,131,000	0.697	2.085
18-Aug	Thu	4,330,547,000	2,809	1,215,454,000	0.677	2.132
17-Aug	Wed	4,327,966,000	2,581	1,214,796,000	0.658	1.923
16-Aug	Tue	4,325,366,000	2,600	1,214,156,000	0.640	1.960
15-Aug	Mon	4,322,776,000	2,690	1,213,523,000	0.633	1.957
14-Aug	Sun	4,319,986,000	2,790	1,212,857,000	0.666	2.124
13-Aug	Sat	4,317,425,000	2,661	1,212,222,000	0.635	1.926
12-Aug	Fri	4,314,718,000	2,707	1,211,564,000	0.658	2.049
11-Aug	Thu	4,311,928,000	2,790	1,210,898,000	0.666	2.124
10-Aug	Wed	4,309,155,000	2,773	1,210,242,000	0.656	2.117
09-Aug	Tue	4,306,781,000	2,374	1,209,627,000	0.615	1.759
08-Aug	Mon	4,304,350,000	2,431	1,208,991,000	0.636	1.795
07-Aug	Sun	4,301,975,000	2,375	1,208,362,000	0.629	1.746
06-Aug	Sat	4,299,590,000	2,385	1,207,747,000	0.615	1.770
05-Aug	Fri	4,297,103,000	2,487	1,207,095,000	0.652	1.835
04-Aug	Thu	4,294,525,000	2,578	1,206,441,000	0.654	1.924
03-Aug	Wed	4,292,030,000	2,495	1,205,807,000	0.634	1.861
02-Aug	Tue	4,289,503,000	2,527	1,205,161,000	0.646	1.881
01-Aug	Mon	4,286,934,000	2,669	1,204,486,000	0.675	1.894
31-Jul	Sun	4,284,441,000	2.493	1,203,862,000	0.624	
	Min		2.374		0.615	1.746
	Max		2.809		0.697	2.132
	Ave		2.603		0.651	1.951

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WWTP Influent and Effluent Flows

Date		BRD/BAX's Influent	BRD/BAX's Infl. Total	Baxter's Influent	Baxter's Daily Total	Brainerd's Daily Total
31-Jul	Sun	4,284,441,000	2,493	1,203,882,000	0.624	1.869
30-Jul	Sat	4,281,956,000	2,485	1,203,235,000	0.627	1.858
29-Jul	Fri	4,279,292,000	2,664	1,202,568,000	0.667	1.997
28-Jul	Thu	4,276,595,000	2,697	1,201,922,000	0.646	2.051
27-Jul	Wed	4,273,835,000	2,760	1,201,265,000	0.657	2.103
26-Jul	Tue	4,271,045,000	2,790	1,200,577,000	0.688	2.102
25-Jul	Mon	4,268,181,000	2,864	1,199,885,000	0.692	2.172
24-Jul	Sun	4,265,205,000	2,976	1,199,197,000	0.688	2.288
23-Jul	Sat	4,262,572,000	2,633	1,198,542,000	0.655	1.978
22-Jul	Fri	4,259,840,000	2,732	1,197,882,000	0.660	2.072
21-Jul	Thu	4,257,009,000	2,831	1,197,223,000	0.659	2.172
20-Jul	Wed	4,254,140,000	2,869	1,196,537,000	0.686	2.183
19-Jul	Tue	4,251,226,000	2,914	1,195,849,000	0.688	2.226
18-Jul	Mon	4,248,256,000	2,970	1,195,150,000	0.699	2.271
17-Jul	Sun	4,245,212,000	3,044	1,194,474,000	0.676	2.368
16-Jul	Sat	4,242,257,000	2,955	1,193,834,000	0.640	2.315
15-Jul	Fri	4,239,028,000	3,229	1,193,133,000	0.701	2.528
14-Jul	Thu	4,235,597,000	3,431	1,192,438,000	0.695	2.736
13-Jul	Wed	4,231,815,000	3,782	1,191,703,000	0.735	3.047
12-Jul	Tue	4,226,394,000	5,421	1,190,879,000	0.824	4.597
11-Jul	Mon	4,222,715,000	3,679	1,190,145,000	0.734	2.945
10-Jul	Sun	4,220,517,000	2,198	1,189,570,000	0.575	1.623
09-Jul	Sat	4,218,669,000	1,848	1,189,000,000	0.570	1.278
08-Jul	Fri	4,216,724,000	1,945	1,188,429,000	0.571	1.374
07-Jul	Thu	4,214,703,000	2,021	1,187,839,000	0.590	1.431
06-Jul	Wed	4,212,692,000	2,011	1,187,219,000	0.620	1.391
05-Jul	Tue	4,210,626,000	2,066	1,186,606,000	0.613	1.453
04-Jul	Mon	4,208,780,000	1,846	1,186,071,000	0.535	1.311
03-Jul	Sun	4,206,936,000	1,844	1,185,509,000	0.562	1.282
02-Jul	Sat	4,205,058,000	1,878	1,184,928,000	0.581	1.297
01-Jul	Fri	4,203,055,000	2,003	1,184,301,000	0.627	1.376
30-Jun	Thu	4,201,061,000	1.994	1,183,715,000	0.586	1
	Min		1.844		0.535	1.278
	Max		5.421		0.824	4.597
	Ave		2.706		0.651	2.055

SKETCH & DESCRIPTION

PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER,
SECTION 1, TOWNSHIP 133, RANGE 29,
CROW WING COUNTY, MINNESOTA



- ORIENTATION OF THIS BEARING SYSTEM IS
BASED ON AN ASSUMED DATUM
- = DENOTES FOUND IRON MONUMENT
 - = DENOTES 1/2 INCH IRON PIPE MONUMENT
SET AND MARKED RLS # 41643

DATE	SEPT. 16, 2016	DATE		AMENDMENTS	BY	PREPARED FOR:
SCALE:	AS SHOWN					CITY OF BAXTER
DRAWN BY:	CPS					I HEREBY CERTIFY THAT THIS SURVEY PLAN OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA
CHECKED BY:	OMC					CHAD M. CONNER
FILE NUMBER:	ZZZZZZ					DATE: LIC. NO. 41643



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