

PUBLIC WORKS AGENDA  
CITY OF CROSSLAKE  
MONDAY, DECEMBER 7, 2020  
4:00 P.M. – CITY HALL

1. Call to Order
2. Approve November 19, 2020 Meeting Minutes (Motion)
3. Consider Vacation of Road Right of Way Request from Property Owners on Lake Trail (Motion)
4. Update on Clarifier Inspection
5. Projects Update from Bolton & Menk
6. Discuss Assessment Policy for Sewer Connections
7. Other Business That May Arise
8. Adjourn



Special Public Works Meeting Notes City of Crosslake  
November 19, 2020

Members Present: Doug Vierzba, Tom Swenson, Gordy Wagner (via Zoom), Dale Melberg, (Mic Tchida Absent)

Others Present: Ted Strand, Phil Martin from B & M, Dave Schrupp, John Andrews, Aaron Herzog, TJ Graumann, Marcia Volz, Dave Nevin.

1. **Call to Order.** Meeting called to order at 10:30 am.
2. **Approve** October 5, 2020 Minutes. ***Motion** by Tom Swenson, second by Gordy Wagner to approve, all in favor.*
3. **Proposal** from In Control for Lift Station Control Panel Replacements. See Notes after #5.
4. **Proposal** from Bolton & Menk for Clarifier Rehabilitation. See Notes after #5.
5. **Proposal** from Bolton & Menk for Biosolids. See Notes after #5.

**BIOSOLIDS:** Ted began the discussion by offering his opinion regarding all 3 proposals in an effort to prioritize the need. Biosolids was #3 on Ted's list because the City has been told the current method of disposal of Biosolids, using the invasive Phragmite reed beds at the Pine River Minnesota WWTF is still a viable method but may be discontinued in the future according to his contacts at the State. Given State regulators have no current plans to ban the use of this particular reed in the disposal beds and that this discussion has been going on for several years regarding the invasive reeds, Ted felt the need to invest in changes to the processing of biosolids was out a year or two or more. Bolton and Menk's proposal is attached at the end of this document.

**CLARIFIERS:** The WWTF has two clarifiers in use now. Since flow volumes are higher in the summer (vacation) season, both clarifiers are in use each day during this time. Winter (low use season) requires only 1 to be used until the spring months. **Clarifiers** are settling tanks built with mechanical means for continuous removal of solids. A clarifier is generally used to remove solid particulates or suspended solids from liquid for clarification and (or) thickening. The City's WWTF has been in operation for almost 20 years and the mechanical components of the Clarifiers are failing, such as piping components. Ted stated that he has been fixing piping issues and other metallic components to keep the units operating but given the need to keep these on line, he feels it is necessary to overhaul both units to avoid any possible downtime.

**LIFT STATIONS:** Ted explained that we have 7 lift stations around the city that are needed to provide pumping back to the WWTF. He stated these are of older designs and parts to repair them from such things as lightning strikes are getting harder to get. Also, all alarm messages at each lift station are only localized and not tied directly in to the control system at the WWTF. This means you have to see the alarm lights or hear the alarm horns to be aware of an issue. Ted stated we do have some good neighbors that call him to alert him of lift station issues close to their residences. The lift station that is closest to

the WWTF was upgraded when the plant was upgraded a couple of years ago, leaving 6 yet to be upgraded.

Considerable discussion (Q & A) took place regarding each upgrade. The Commission and Ted agreed on the following priority:

1. Clarifiers. Upgrade in 2021
2. Lift Stations. Plan for upgrade in 2022
3. Bio-solids. On hold pending additional formal notification from the State related to the need to move away from the current process. Continue with the current plan using the WWTF at Pine River but keep in close contact with the Pine River Plant operator.

The discussion ensued regarding funding for the projects above. Tom Swenson explained that in 2020, \$50K had been levied for upgrades to the Lift Station panels and \$150k had been levied for Biosolids; a total of \$200k that has not been spent. This could be used to start the upgrade process on the Clarifiers. The 2021 budget has another \$50k for Lift Station upgrades and \$200K for clarifiers; a total of \$250K.

A plan was discussed to shut down (drain/take off line) one of the clarifiers to allow for further investigation relative to the upgrade. This review was planned for Tuesday, December 1 and Bolton and Menk was asked to provide a more detailed proposal at the December Public Works meeting that would outline the needed Clarifier upgrades.

After considerable discussion on the items above the following motion dated 11-19-202 was made:

***11-19-2020 Motion by Tom Swenson, second by Dale Melberg, approved by all to recommend that the Council shifts the \$150K budgeted in 2020 for Bio-Solids be reserved to cover costs in 2021 related to the repair of the Clarifier. The \$50K budgeted for Lift Station Control Panel Replacements along with any other unused levy monies in 2020 be placed in a reserve account to be used for Lift Station repairs as Lift Station upgrades will be moved to 2022.***

*Regarding the Clarifiers, the monies will be used to cover Engineering reviews and possible changes to the Clarifier building as determined by the Engineering review. Bolton and Menk will provide a revised quote at the December council meeting which will discuss the January 2021 review of one of the existing clarifiers that will be taken off line for review. B&M will target to provide a more detailed proposal of their findings on what is needed to repair both at the February 2021 Council Meeting.*

(The following Motion was made at the October meeting but not enacted on. This October meeting motion should not be acted on as it was replaced with the motion dated 11-19-2020.)

~~***10-5-2020 Motion by Tom Swenson, second by Mic Tchida, approved by all to recommend that the Council shifts the \$150K budgeted in 2020 for Bio-Solids to be added to the \$50K budget for Lift Station Control Panel Replacements. A total of \$200K to be placed in a reserve account to be used in 2021 for Lift Station Control Cabinet replacements. The projected total cost to replace all 7 lift stations is \$350K.***~~

6. **Review** draft assessment costs associated with the sewer extension from City Hall to Country Road 16. Phil Martin of Bolton and Menk included a special assessment guide document for discussion. Review has been delayed to the December Public Works Meeting.
7. **New Business.** Ted explained the sewer plant recently received a large dose of salt that upset the chemical balance of the plant. It was determined that county employees at the joint maintenance facility spilled a large amount of salty water used for winter road spray down a floor drain in the facility that empties to the WWTF. Ted has had discussions with the county regarding this issue and what is needed to contain future spills.
8. **Adjourn.** Meeting adjourned at 12:04.



# Road Right-Of-Way (ROW) Vacation Application

City of Crosslake

13888 Daggett Bay Rd, Crosslake, MN 56442

218.692.2688 (Phone) 218.692.2687 (Fax)

[www.cityofcrosslake.org](http://www.cityofcrosslake.org)

Chris & Heather Orth / Brad & Kristin Evenson

Receipt Number: 475684

Property Owner(s): Kevin & Michelle McCormick

Orth 322 48th Ave SW Backus MN 56435

Mailing Address: Evenson 22001 510th Ave. Minnesota Lake MN 56068

McCormick 11821 Lake Trail Crosslake, MN 56442

Site Address: 11826 Lake Trail Crosslake, MN 56442 (Orth)

Phone Number: 218-820-0854 Kevin McCormick (Land Design Solutions LLC)

E-Mail Address: Kevin@landdesignsolution.net

Parcel Number(s): 14310665, 14310662, 14310666

Legal Description: See attached

Section 31 Township 137 Range 27 / 28 (circle one)

Lake/River Name: Crosslake

Do you own land adjacent to this parcel(s)? x Yes      No

If yes list Parcel Number(s) 14310655

Authorized Agent <sup>owner</sup> Kevin McCormick (Land Design Solution LLC)

Agent Address: 11821 Lake Trail Crosslake, MN 56442

Agent Phone Number: 218-820-0854

Orth Chris Orth

Signature of Property Owner(s) McCormick [Signature]

Date 8/27/20

Evenson Brad E.

Signature of Authorized Agent(s)     

Date     

(Check applicable requests)

☐ Road Right-Of-Way (ROW) Vacation

☐     

## Official Use Only:

Public Works Meeting Date:     

Water Access ROW only; Parks & Recreation Meeting Date:     

City Council Public Hearing Meeting Date:     

- All applications must be accompanied by a signed Certificate of Survey (Coordinate with city staff- Public Works, Parks & Recreation and City Attorney)
- Fee \$1,000 for ROW Vacation Payable to "City of Crosslake"
- No decisions will be made on an applicant's request at the Commission meeting(s). Approval or denial of applications is determined by the City Council at a public meeting as per Minnesota Statute 462 and the Code of City Ordinances, City of Crosslake, Chapter 42, Article V.

## For Office Use:

Application accepted by [Signature]

Date 9-17-2020

Date of Approval:      Denial:      by Public Works

Date of Approval:      Denial:      by Parks and Recreation

Date of Approval:      Denial:      by City Attorney

Date of Approval:      Denial:      by City Clerk

Attn: Mike Lyonais  
City Administrator  
13888 Daggett Bay Road  
Crosslake, MN 56442

The residents effected by the platted road of Oak Street in the plat of Bowers Point. Do hereby request to vacate that part of platted right of way lying north of the right of way of Lake Trail (recorded plat name Pine Avenue).

The roadway vacation is requested due to the circumstances not created by the current owners (Orth, Evenson, McCormick) of the adjacent lands of said roadway.

Prior to the 1989 shoreland ordinance the previous owners, Crow Wing County, The State of Minnesota and the City of Crosslake allowed the wetlands to be filled creating the hardship to the current land owners(Orth, Evenson, McCormick) . The owners of those portions of Lot 17 (Orth & Evenson) said plat have existing legal descriptions designating riparian rights to the lakeshore.

The filling of the wetland changed the configuration and the intent of the recorded plat. However, the plat dedication specifies the right of way of Oak Street to be extended to the water's edge

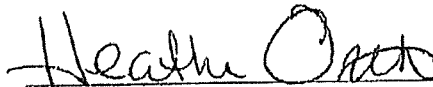
The Orth family would no longer have riparian rights to the water way. The Evenson family would also lose a portion of riparian ownership to their property. The McCormick family would gain a considerable amount of shoreline. None of these were the intent of the original plat. The former land owners, the State of Minnesota and the local governing units are culpable in the activities prior to the 1989 shoreland ordinance.

The current owners, and the previous land owners have been taxed for a considerable amount of time as having riparian rights to the lake. Due to the current circumstances outlined in this petition we would ask that the City of Crosslake consider vacating the roadway as shown on the enclosed Certificate of Survey drawing and the land be divided as a shown and described in the legal descriptions provided.

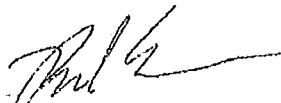
Thank you for time and consideration in this matter.



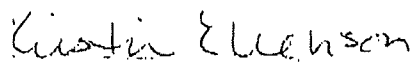
Chris Orth  
11826 Lake Trail  
Crosslake, MN 56442



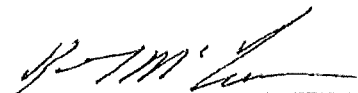
Heather Orth  
11826 Lake Trail  
Crosslake, MN 56442



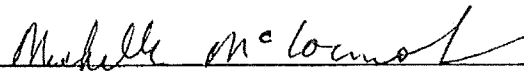
Brad Evenson  
33518 Lake Street  
Crosslake, MN 56442



Kristin Evenson  
33518 Lake Street  
Crosslake, MN 56442



Kevin McCormick  
11821 Lake Trail  
Crosslake, MN 56442



Michelle McCormick  
11821 Lake Trail  
Crosslake, MN 56442

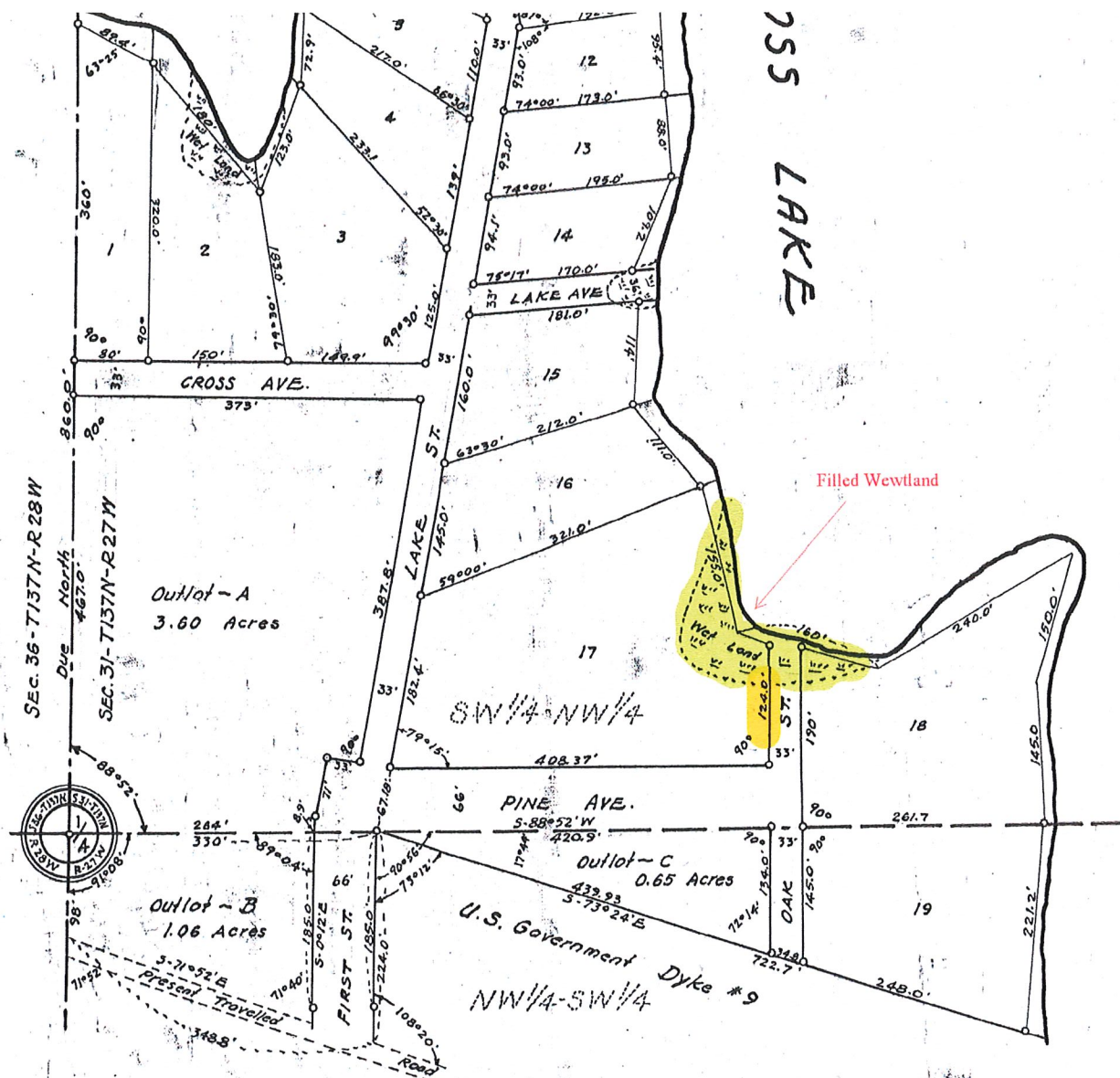
NOTICE OF PUBLIC HEARING

PLEASE TAKE NOTICE that by order of the City Council, the City of Crosslake, Minnesota, will hold a public hearing at the Crosslake City Hall, Crosslake, Minnesota, at 7:15 P.M., on December 14, 2020 to consider whether or not it is in the public interest to vacate a portion of a Oak Street within the plat of Bower's Point, more specifically described in the proposed resolution now available at City Hall.

Dated at Crosslake, Minnesota, this September 29, 2020

CITY OF CROSSLAKE, MINNESOTA

By /s Charlene Nelson  
City Clerk



755 LAKE

### DEDICATION

KNOW ALL MEN BY THESE PRESENTS: That John L. Bowers and Ella M. Bowers, his wife are the owners of that part of the NW 1/4 - SW 1/4 and the SW 1/4 - NW 1/4 - Section 31 - T137N - R27W, described and plotted as BOWER'S POINT To Wit:

Beginning at a concrete monument located at the Southwest corner of the SW 1/4 - NW 1/4 - Section 31 - T137N - R27W, Thence; due North along the West line of said SW 1/4 NW 1/4, for a distance of Eight-hundred and sixty (860) feet to an iron monument located at the waters edge on the South shore of Cross Lake; Thence South-easterly along the waters edge of said Cross Lake for a distance of Twenty-nine-hundred-eight and six-tenths (2908.6) feet, more or less, to an iron monument located on the West shore of said Cross Lake and on the South line of the SW 1/4 - NW 1/4 of said section; Thence; South 88° 52' West along said line for a distance of One-thousand-forty-five and six-tenths (1045.6) feet to the point of beginning. The above described tract of land contains, 17.7 acres, more or less.

Also that part of the NW 1/4 - SW 1/4 - Section 31 - T137N - R27W described as follows: Beginning at a concrete monument located at the North-West corner of said NW 1/4 - SW 1/4. Thence; North 88° 52' East along the North line of said NW 1/4 - SW 1/4 for a distance of One-thousand-forty-five and six-tenths (1045.6) feet to a iron monument located on the West shore of Cross Lake; Thence in a Southerly direction along the waters edge of said Cross Lake for a distance of Two-hundred-twenty-one and two-tenths (221.2) feet to a iron monument; Thence North 73° 24' East for a distance of Seven-hundred-twenty-two and seven-tenths (722.7) feet to a iron monument located at the North-West corner of U.S. Government Dyke #9; Thence South 0° 12' East along the West line of said dyke #9 for a distance of Two-hundred-twenty-four (224) feet; Thence North 71° 52' West for a distance of Three-hundred-forty-eight and eight-tenths (348.8) feet to the West line of said NW 1/4 - SW 1/4. Thence due North along said West line for a distance of Ninety-eight (98) feet to the point of beginning. The above described tract of land contains 2.3 acres more or less. The West line of Section 31 - T137N - R27W is considered as Meridian in these descriptions.

All lots extend to the waters edge, except Outlots A-B and C. All streets shown on this plat are dedicated to public use. There are no wet lands, except as shown on this plat. All flamage rights, mineral rights and Rights of Way reserved as of record dated at Brainerd, Minnesota this 3rd. day of June 1948.

John L. Bowers  
Ella M. Bowers  
witnesses

State of Minnesota ss  
County of Crow Wing  
on this 3rd. day of June 1948, before me appeared John L. Bowers and Ella M. Bowers, his wife to me known to be the persons described in and who executed the foregoing and annexed plat and acknowledge that they executed the same as their own free act and deed.

Notary Public Crow Wing County, Minn. WISE  
My Commission expires

State of Minnesota ss  
County of Crow Wing  
I, Gus G. Holmstrom a registered land surveyor in the State of Minnesota do hereby certify: That I have surveyed and plotted the property described on this plat as BOWER'S POINT, That the annexed plat is a correct representation of said survey, that all distances and angles are correctly shown on said plat, that iron monuments have been placed in the ground for guidance of future surveys as shown on the plat and that there are no wet lands or public highways except as shown thereon.

Gus G. Holmstrom  
Registered Land Surveyor - Certificate #1861  
Above certificate subscribed and sworn to before me this 3rd day of June 1948  
Notary Public Crow Wing County, Minn.  
My Commission expires

Taxes paid and transfer entered this 7th day of June 1948  
J. M. Hagberg  
County Auditor Crow Wing Co. Minn.

Approved by the Board of County Commissioners Crow Wing County, Minnesota this 7th day of June 1948  
John L. Bowers  
Chairman County Board

I hereby certify that the taxes for the year of 1948 on the land described within are paid  
J. M. Hagberg  
County Auditor Crow Wing Co. Minn.

STATE OF MINNESOTA ss  
County of Crow Wing  
I hereby certify that the within instrument was filed in this office on the 21st day of June A.D. 1948 at 9 o'clock A.M. and was duly recorded in Book

State of Minnesota ss  
County of Crow Wing  
I hereby certify that the within plat was filed in my office this day of at  
Register of Deeds Crow Wing County, Minn.

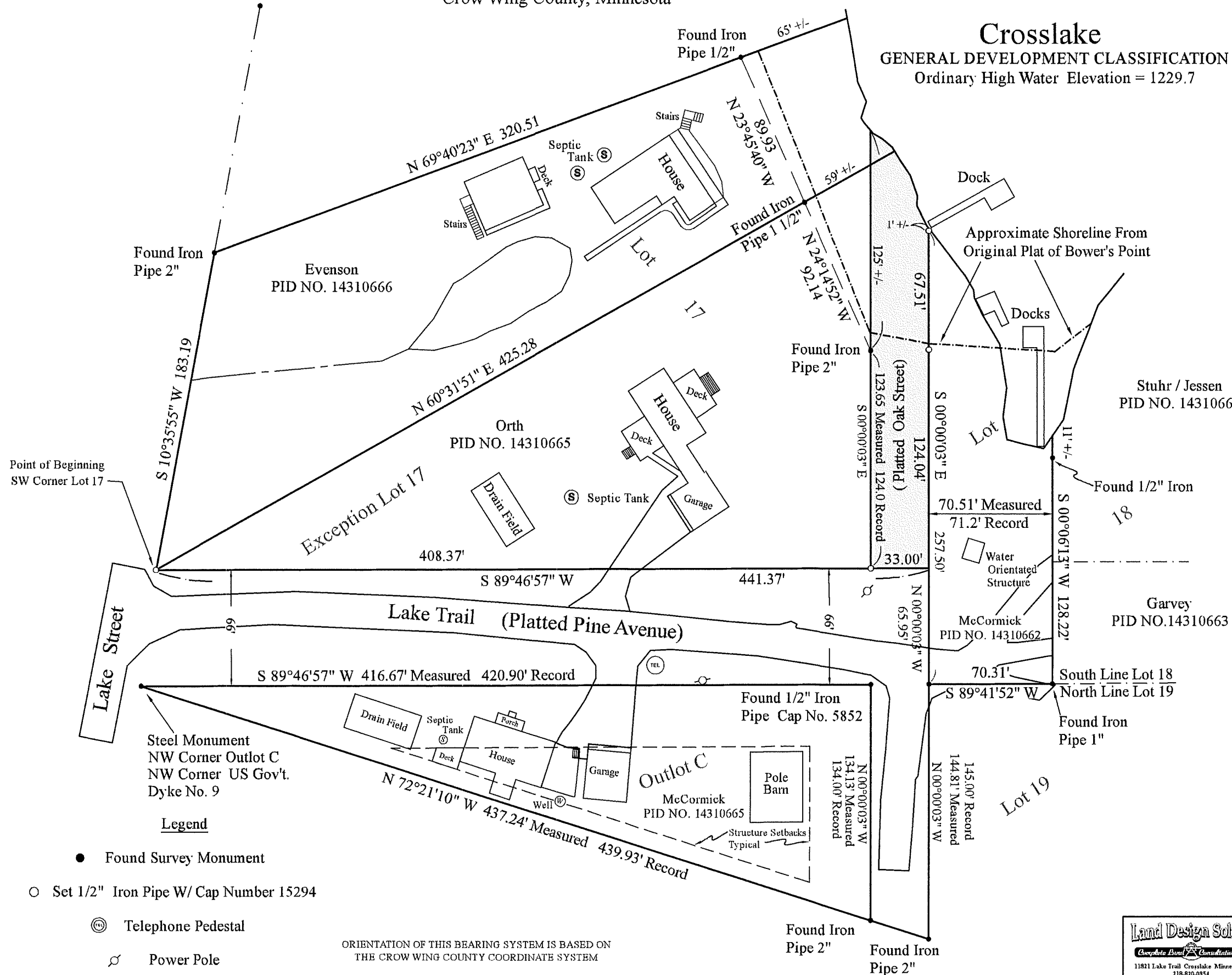
148121

# Certificate of Survey

Outlot C & Part of Lot 17, Part of Lot 18 Bower's Point  
Section 31 Twn 137 N Rng 27 W  
Crow Wing County, Minnesota

## Crosslake

GENERAL DEVELOPMENT CLASSIFICATION  
Ordinary High Water Elevation = 1229.7



McCormick Warranty Deed  
Doc. No. A- 898731

Outlot C, Bower's Point according to the plat thereof  
on file and of record in the office of the County  
Recorder, Crow Wing County, Minnesota

McCormick Warranty Deed Doc. No. A- 898012

The West 71.2 feet of Lot Eighteen (18) Bower's Point according  
to the plat thereof on file and of record in the office of the County  
Recorder, Crow Wing County, Minnesota

Orth Warranty Deed Doc. No. 0828528

All of Lot 17, Bowers' Point, except that part described as follows:

Beginning at the Southwest corner of said Lot 17; thence North 9 degrees  
37 minutes East 182.4 feet to the Northwest corner of Lot 17; thence  
North 68 degrees 37 minutes East 321 feet along the Northerly line of said  
Lot 17 to the shore of Cross Lake; thence South 24 degrees 48 minutes  
East 90.75 feet along said shore; thence South 59 degrees 34 minutes West  
425.5 feet to the place of beginning, Crow Wing County, Minnesota.

Evenson Warranty Deed Doc. No. 0834803

That part of Lot Seventeen (17) of Bower's Point, described as follows:

Beginning at the Southwest corner of said Lot 17; thence North 09 degrees  
37 minutes East 182.4 feet to Northwest corner of Lot 17; thence North 68  
degrees 37 minutes East along the Northerly line of said Lot 17 321 feet,  
more or less, to the shore of Cross Lake; thence Southerly along said shore  
to the point of intersection with a line bearing North 59 degrees 34  
minutes East from the point of beginning; thence South 59 degrees 34  
minutes West 425.5 feet, more or less, to the place of beginning.

### Surveyors Notes:

The original Plat of Bower's Point was recorded in 1948. Limited  
information to recreate the survey line, or the shoreline is available.

The original plat shows a wetland near the shoreline of Lot's 17 & 18,  
and the platted roadway of Oak Street which also is not representative of  
the recorded plat.

The location of the Ordinary High Water in January of 2018 is also not  
representative of the recorded plat.

The platted roadway of Oak Street dedicated to the public has not been  
vacated. The dedication of said plat indicates the property lines are to be  
extended to the waters edge.

Sheet 1 of 3

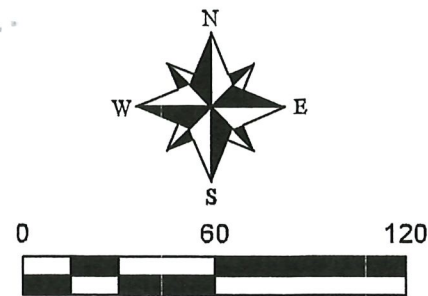
**Land Design Solutions**  
Complete Survey & Construction Services  
11821 Lake Trail Crosslake Minnesota 56442  
218-870-9854  
landdesignsolutions.ca

*John J. Himmelfarb*  
John J. Himmelfarb, Registered Professional Surveyor  
No. 19151

I hereby certify that this survey was completed by me, or  
under my direct supervision and that I am a duly Licensed  
Land Surveyor of the State of Minnesota.

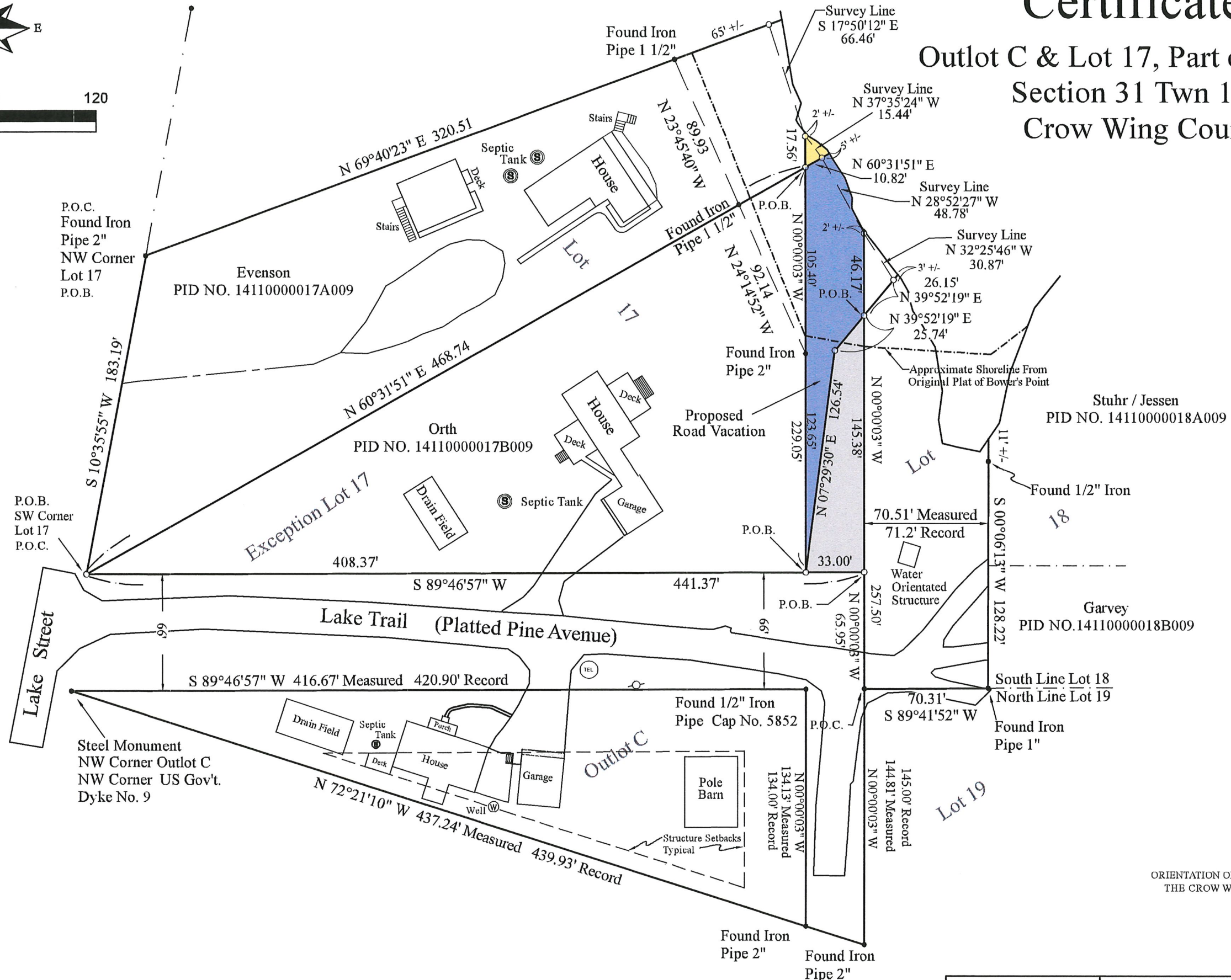
**Certificate of Survey**  
Prepared For: Chris & Heather Orth

DATE 08/20/2020 SCALE 1" = 100' PROJECT NO. 19-058



# Certificate of Survey

Outlot C & Lot 17, Part of Lot 18 Bower's Point  
Section 31 Twn 137 N Rng 27 W  
Crow Wing County, Minnesota



## Legend

- Found Survey Monument
- Set 1/2" Iron Pipe W/ Cap Number 15294
- ⊙ Telephone Pedestal
- ⊘ Power Pole
- P.O.C. Point of Commencement
- P.O.B. Point of Beginning

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON  
THE CROW WING COUNTY COORDINATE SYSTEM

Sheet 2 of 3

**Land Design Solutions**  
Aurora, Illinois  
11821 Lake Trail, Crosslake, Minnesota 55442  
218-820-0854  
landdesignsolutions.co

*John J. Hinding*  
John J. Hinding Jr., Registration No. 15121

I hereby certify that this survey was completed by me, or  
under my direct supervision and that I am a duly Licensed  
Land Surveyor of the State of Minnesota.

**Certificate of Survey**  
Prepared For: Chris & Heather Orth

DATE 08/20/2020 SCALE 1" = 100' PROJECT NO. 19-058

Certificate of Survey  
Outlot C & Lot 17, Part of Lot 18 Bower's Point  
Section 31 Twn 137 N Rng 27 W  
Crow Wing County, Minnesota

McCormick Proposed Legal Description

Outlot C, Bower's Point according to the plat thereof on file and of record in the office of the County Recorder, Crow Wing County, Minnesota

And

The West 71.2 feet of Lot Eighteen (18) Bower's Point according to the plat thereof on file and of record in the office of the County Recorder, Crow Wing County, Minnesota

And

That part of vacated Oak Street Bower's Point according to the plat thereof on file and of record in the office of the County Recorder, Crow Wing County, Minnesota more particularly described as follows:

Commencing at the southwest corner of said Lot 18 thence North 00 degrees 00 seconds 03 minutes West assumed bearing, 65.95 feet, to the point of beginning of the tract to be described; thence South 89 degrees 46 minutes 57 seconds West 33.00 feet; thence North 07 degrees 29 minutes 30 seconds East 126.54 feet; thence North 39 degrees 27 minutes 15 seconds East 25.96 feet; thence South 00 degrees 00 minutes 03 seconds East 145.38 feet to the point of beginning.

Except

That part of Lot Eighteen (18) Bower's Point according to the plat thereof on file and of record in the office of the County Recorder, Crow Wing County, Minnesota, more particularly described as follows:

Commencing at the southwest corner of said Lot 18 thence North 00 degrees 00 seconds 03 minutes West assumed bearing, 257.50 feet to the point of beginning of the tract to be described; thence continuing North 00 degrees 00 seconds 03 minutes West 48.00 feet, more or less, to the shoreline of Crosslake; thence southeasterly along said shoreline to an intersection with a line bearing North 39 degrees 52 minutes 19 seconds East, from the point of beginning; thence South 39 degrees 52 minutes 19 seconds West 39.00 feet, more or less, to the point of beginning.

Orth Proposed Legal Description

That part of Lot 17 Bowers Point according to the plat of record on file at the County Recorder's office Crow Wing County Minnesota, more particularly described as follows:

Commencing at a found 2" iron pipe at the northwest corner of said Lot 17 thence South 10 degrees 35 minutes 55 seconds West assumed bearing along the westerly line of said Lot 17 183.19 feet to the southwest corner of said Lot 17, the point of beginning of the tract to be described; thence North 60 degrees 31 minutes 51 seconds East 468.74 feet, to the westerly right of way line of Oak Street said plat; thence South 00 degrees 00 minutes 03 seconds East along said right of way line 229.05 feet, to the southeast corner of said lot 17; thence South 89 degrees 46 minutes 57 seconds West along the southerly line of said Lot 17 a distance of 408.37 feet to the point of beginning.

And

That part of vacated Oak Street Bower's Point according to the plat of record on file at the County Recorder's office Crow Wing County Minnesota, more particularly described as follows: Commencing at the southwest corner of said Lot 18 thence North 00 degrees 00 seconds 03 minutes West assumed bearing, 65.95 feet; thence South 89 degrees 46 minutes 57 seconds West 33.00 feet; thence North 00 degrees 00 minutes 03 seconds West 229.05 feet, to the point of beginning of the tract to be described; thence South 00 degrees 00 minutes 03 seconds East 229.05 feet; thence North 07 degrees 29 minutes 30 seconds East 126.54 feet; thence North 39 degrees 27 minutes 15 seconds East 25.96 feet; thence North 00 degrees 00 minutes 03 seconds West 47.00 feet, more or less, to the shoreline of Crosslake; thence northwesterly along said shoreline to an intersection with a line bearing North 60 degrees 31 minutes 51 seconds East from the point of beginning; thence South 60 degrees 31 minutes 51 seconds 16.00 feet, more or less, to the point of beginning.

And

That part of Lot 18 Bower's Point according to the plat of record on file at the County Recorder's office Crow Wing County Minnesota, more particularly described as follows: Commencing at the southwest corner of said Lot 18 thence North 00 degrees 00 seconds 03 minutes West assumed bearing, 257.50 feet to the point of beginning of the tract to be described; thence continuing North 00 degrees 00 seconds 03 minutes West 48.00 feet, more or less, to the shore of Crosslake; thence southeasterly along said shoreline to an intersection with a line bearing North 39 degrees 52 minutes 19 seconds East from the point of beginning; thence South 39 degrees 52 minutes 19 seconds West 30.00 feet, more or less, to the point of beginning.

Evenson Proposed Legal Description

That part of Lot 17 Bowers Point according to the plat of record on file at the County Recorder's office Crow Wing County Minnesota, more particularly described as follows:

Commencing at the southwest corner of Lot 17 said plat, thence North 10 degrees 35 minutes 55 seconds East assumed bearing, along the westerly line of said Lot 17 183.19 feet to a 2" iron pipe the northwest corner of said Lot 17, the point of beginning of the tract to be described; thence South 10 degrees 35 minutes 55 seconds West 183.19 feet; thence North 60 degrees 31 minutes 51 seconds East 468.74 feet, to the westerly right of way line of Oak Street said plat; thence North 00 degrees 00 minutes 03 seconds West 19.50 feet, more or less, to the shoreline of Crosslake; thence northwesterly along said shoreline, to an intersection with a line bearing North 69 degrees 40 minutes 23 seconds East, from the point of beginning; thence South 69 degrees 40 minutes 23 seconds West 386.00 feet, more or less, to the point of beginning.

And

That part of vacated Oak Street Bower's Point according to the plat of record on file at the County Recorder's office Crow Wing County Minnesota, more particularly described as follows:

Commencing at the southwest corner of said Lot 18 thence North 00 degrees 00 seconds 03 minutes West assumed bearing, 65.95 feet; thence South 89 degrees 46 minutes 57 seconds West 33.00 feet; thence North 00 degrees 00 minutes 03 seconds West 229.05 feet, to the point of beginning of the tract to be described; thence continuing North 00 degrees 00 minutes 03 seconds West 19.50 feet, more or less, to the shoreline of Crosslake; thence southeasterly along said shoreline to an intersection with a line bearing North 60 degrees 31 minutes 51 seconds East, from the point of beginning; thence South 60 degrees 31 minutes 51 seconds West 16.00 feet, to the point of beginning.



# BOLTON & MENK

Real People. Real Solutions.

## MEMORANDUM

**Date:** December 1, 2020  
**To:** Ted Strand, Public Works Director  
**From:** Phil Martin, PE  
**Subject:** Projects Update for December 7, 2020 Public Works Meeting

### **CSAH 66 Sanitary Sewer Extension / Storm Water Quality Improvements**

Design/Plan Preparation - We have brought the design and plan preparation to a 90% review standard. Before we submit to City and County for review and comment, we would like input regarding replacement of the trail along CSAH 66.

1. Trail Replacement - Currently, the trail does not meet Americans with Disabilities Act (ADA) standards. The deficiency generally occurs at driveway locations that cross the trail. (Refer to exhibit) The sanitary sewer installation along the west side of CSAH 66 would impact the bituminous trail requiring it to be replaced and impact all but two driveway locations up to CSAH 16. The County has indicated it's completely a City decision.

If the City chose to replace the trail meeting ADA standards, we would need to acquire a temporary construction easement at driveways. We believe 10-feet would be adequate. (Refer to exhibit) The need at the southerly Moonlite Bay entrance may be greater depending upon how they see that use as their handicap access route to the restaurant level.

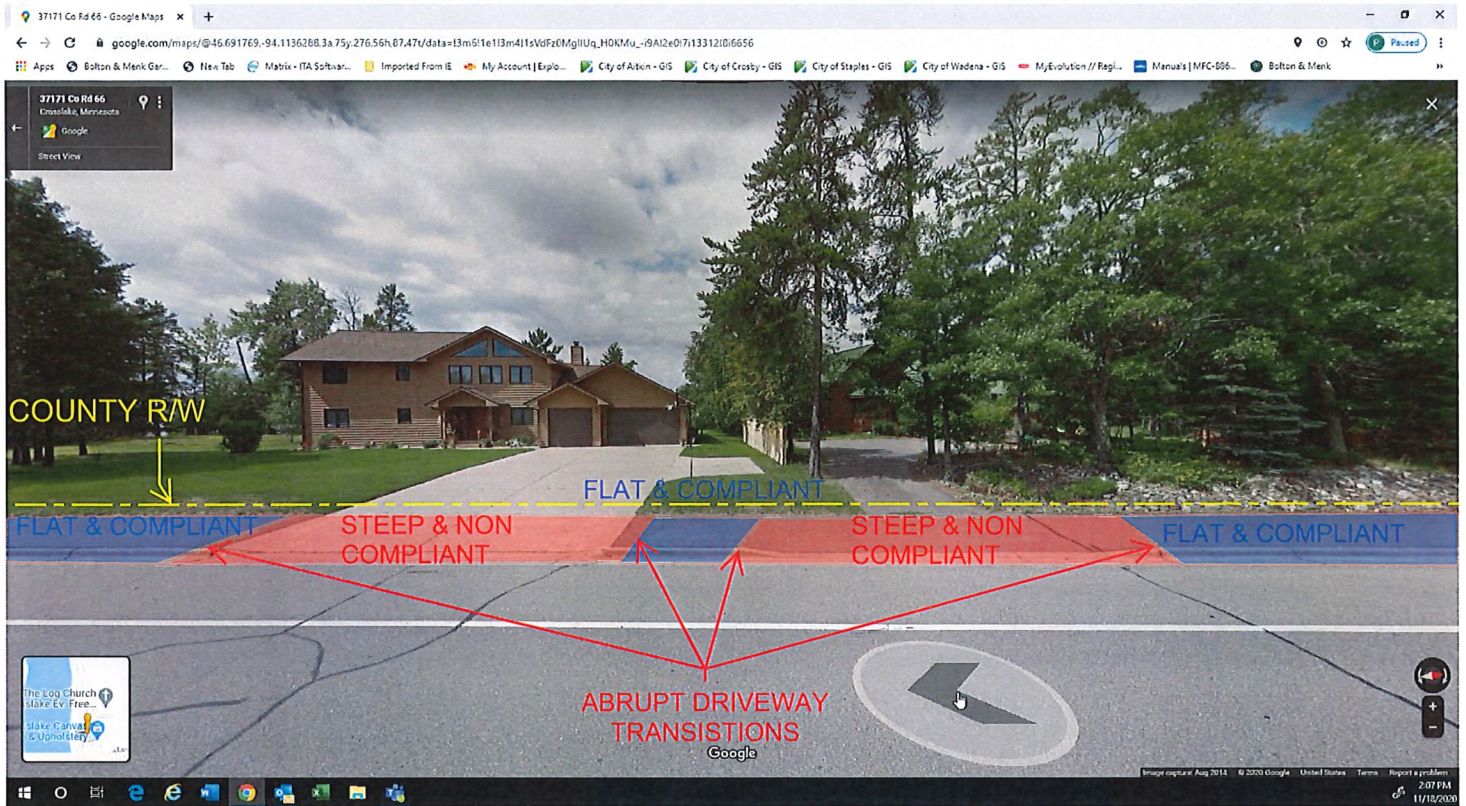
2. Easements - We recommend obtaining a 10-foot temporary construction easement along the entire length of trail impact to allow the sanitary sewer services installed below the trail to be set onto private property so that when property owners connect to the system future damage to the trail can be avoided.

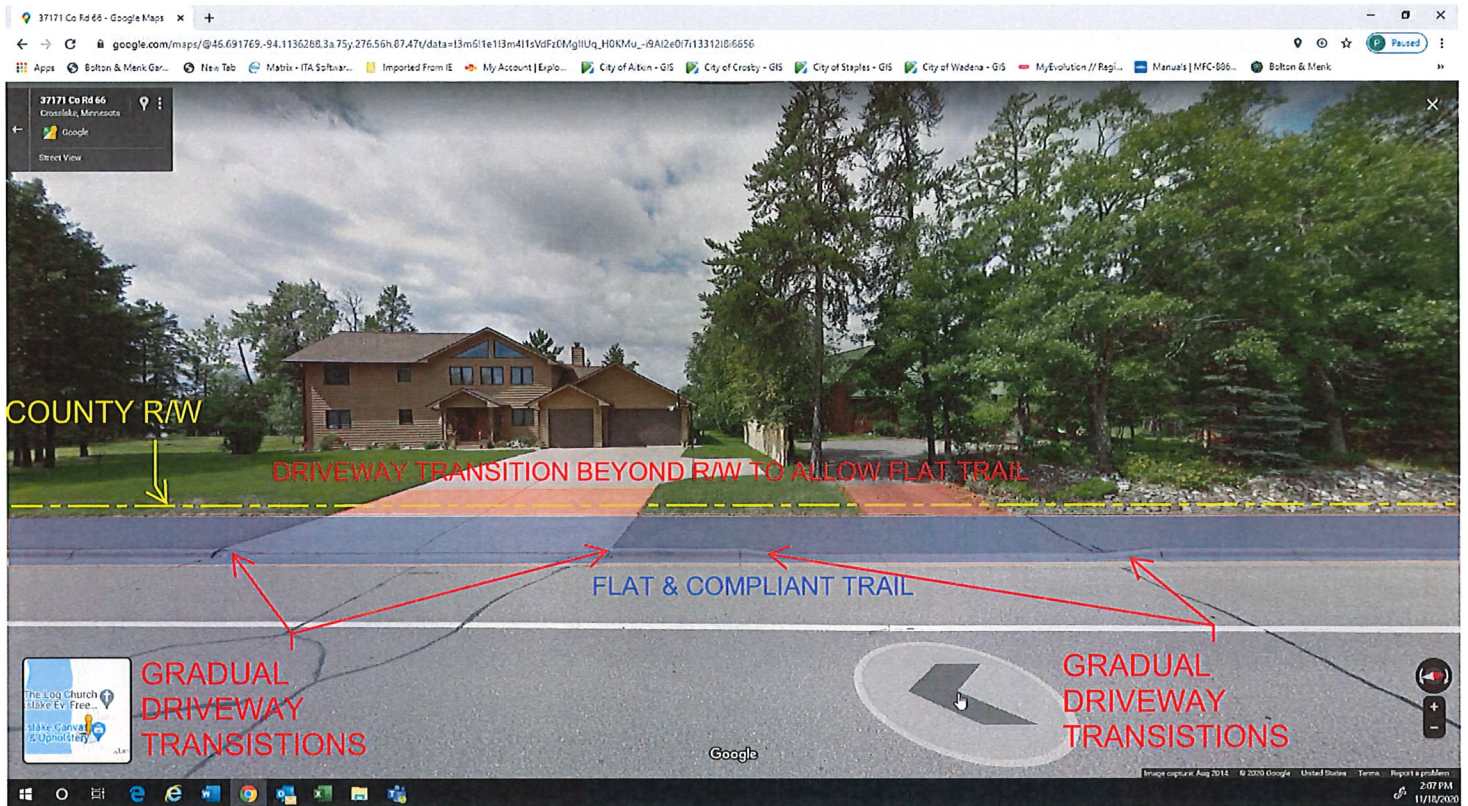
We have submitted the stormwater quality design layout to Simonson Lumber and the Old Log Church for review and comment. We also proposed to them that the City would be interested in obtaining a temporary and permanent construction easement at the stormwater quality basin locations.

Storm Sewer Replacement - The County storm sewer was installed in 1978 and will be impacted during sanitary sewer and storm water quality improvement.

We have worked with the County to discuss storm sewer impact due to the installation of the sanitary sewer and storm water quality. The storm sewer impact falls into 4 categories which I have added our cost share understanding:

- 1) Pipe impacted within the sanitary sewer construction trench - City/County (50/50)
- 2) Remaining pipe segments that were directly impacted with the construction trench - County
- 3) Existing pipe impacted by storm water quality improvements - Grant/City/County
- 4) Existing pipe that would not be impacted - County





Mock Assessment Determination																	
	26-Oct-19							Nagell Classification		Road Benefit			Sewer Benefit			Zoning Legend	
								SF on lake, direct, \$/lot	\$ 2,000.00	\$ 5,000.00		\$ 5,000.00	\$ 10,000.00		S - Single Family		
								SF off lake, direct, \$/lot	\$ 1,500.00	\$ 4,000.00		\$ 4,000.00	\$ 9,000.00		LC - Limited Commercial		
								SF off lake, indirect, \$/lot	\$ 500.00	\$ 1,000.00					WC -Waterfront Commercial		
								Non-res C/I direct, \$/SF	\$ 0.03	\$ 0.15		\$ 0.20	\$ 0.50		P - Public		
								Non-res P direct, \$/SF	\$ 0.02	\$ 0.15		\$ 0.05	\$ 0.20				
								CSAH 66 SANITARY SEWER EXTENSION									
								Road Assessment		Sewer Assessment			Total Assessed Cost	Connection Charge <sup>1</sup> Basis (2019) Cost/ERU <sup>2</sup>	Total Connection Cost		
Line No.	Parcel ID No.	Zoned	Property Owner	Mailing Address	City	State	Zip Code	Road Basis	Cost	Sewer Basis	Area	Home Site	Cost				
1	14090680	S	Moschogianis, Douglas A & Nancy L	10400 5th Ave Circle	Bloomington	MN	55420	\$ 3,500.00	\$ -	\$ 7,500.00	0.55	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
2	14090681	S	Reidt Family Rev Trust	9211 Hillside Trl	Cottage Grove	MN	55016	\$ 3,500.00	\$ -	\$ 7,500.00	0.47	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
3	14090687	S	Old Log Landing Homeowners	C/O Sandy Brodin 14152 Tall Timbers Trl	Crosslake	MN	56442	\$ 3,500.00	\$ -	\$ 7,500.00	1.22	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
4	14090682	S	Fischer, Harlan L & Jan M	5650 Nelmark Ave NE	St. Michael	MN	55376	\$ 3,500.00	\$ -	\$ 7,500.00	0.46	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
5	14090683	S	Maas, Scott A & Jean M	37171 CR 66	Crosslake	MN	56442	\$ 3,500.00	\$ -	\$ 7,500.00	0.47	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
6	14090684	S	Patten, Justin D & Lane C	12355 Princeton Ave	Eden Prairie	MN	55347	\$ 3,500.00	\$ -	\$ 7,500.00	0.51	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
7	14090685	S	Boller, Jamie & Melissa Ann Klima	5841 190th St E	Prior Lake	MN	55372	\$ 3,500.00	\$ -	\$ 7,500.00	0.51	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
8	14090686	S	Hagen, Thomas M	2781 Leyland Trl	Woodbury	MN	55125	\$ 3,500.00	\$ -	\$ 7,500.00	0.48	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
9	14090743	S	Perreault, Randy L & Julie A	51438 Dakota Cir	Rush City	MN	55069-3301	\$ 3,500.00	\$ -	\$ 7,500.00	0.5	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
10	14090744	S	Portratz, Kelly J	8365 Kelzer Pond Dr	Victoria	MN	55386	\$ 3,500.00	\$ -	\$ 7,500.00	1.22	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
11	14090746	LC	Smith, David J & Holly A	13898 Mary LN	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.35	0.91		\$ 13,873.86	\$ 13,873.86	\$ 6,500	TBD	
12	14090745	LC	Hanning Jt Trust Dated 12-31-12	13023 Anchor Pt Rd	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.35	1.78		\$ 27,137.88	\$ 27,137.88	\$ 6,500	TBD	
13	14090742	LC	Cross Lake, E-Free Church	37218 CR 66	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.20	3.12		\$ 27,181.44	\$ 27,181.44	\$ 6,500	TBD	
14	14090502	LC	Cross Lake, E-Free Church	37218 CR 66	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.20	4.67		\$ 40,685.04	\$ 40,685.04	\$ 6,500	TBD	
15	14090676	S	Anderson, Alan L & Deanna	PO Box 624	Crosslake	MN	56442	\$ 3,500.00	\$ -	\$ 6,500.00	0.53	1	\$ 6,500.00	\$ 6,500.00	\$ 4,000	TBD	
16	14090675	LC	Gahn, David	5521 Malibu Dr	Edina	MN	55436	\$ 0.09	\$ -	\$ 0.35	0.55		\$ 8,385.30	\$ 8,385.30	\$ 6,500	TBD	
17	14090674	S	L & B Schweich Properties LP	PO Box 1214	Lakeville	MN	55044	\$ 3,500.00	\$ -	\$ 6,500.00	0.56	1	\$ 6,500.00	\$ 6,500.00	\$ 4,000	TBD	
18	14090673	S	Anderson, David W	2670 Kelly Pkwy Unit 217	Long Lake	MN	55356	\$ 3,500.00	\$ -	\$ 6,500.00	0.77	1	\$ 6,500.00	\$ 6,500.00	\$ 4,000	TBD	
19	14090660	P	City of Crosslake	37028 CR 66	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.13	0		\$ -	\$ -	\$ 4,000	TBD	
20	14080584	S	Smith, David J & Holly A	13898 Mary Ln	Crosslake	MN	56442	\$ 3,500.00	\$ -	\$ 0.35	0		\$ -	\$ -	\$ 4,000	TBD	
21	14080585	S	Anderson, Robert C & Melanie A Eisenbraun	24757 115th St NW	Zimmerman	MN	55398	\$ 3,500.00	\$ -	\$ 7,500.00	0.35	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
22	14080587	S	State, Matthew & Tonya	3518 Crosslough Trl	Rosemount	MN	55068	\$ 3,500.00	\$ -	\$ 7,500.00	0.63	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
23	14080588	S	Baker, Steven V & Jennifer A	3111 Park Dr	St Cloud	MN	56303	\$ 3,500.00	\$ -	\$ 7,500.00	0.43	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
24	14080589	S	Hollerich, Kenneth J & Suzan J	2141 Savidge Lake Rd	Cleveland	MN	56017	\$ 3,500.00	\$ -	\$ 7,500.00	0.63	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
25	14080590	S	Schmelz, Paul D & Vicki Brawley	11236 Creekridge Dr	Eden Prairie	MN	55347	\$ 3,500.00	\$ -	\$ 7,500.00	0.37	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
26	14080591	S	Gleason, Julie A Trust U/A 7-17-06	PO Box 114	Crosslake	MN	56442	\$ 3,500.00	\$ -	\$ 7,500.00	0.27	1	\$ 7,500.00	\$ 7,500.00	\$ 4,000	TBD	
27	14080623	WC	Moonlite Bay LLC	C/O AHHP Corp, PO Box 257	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.50	2.6		\$ 56,628.00	\$ 56,628.00	\$ 6,500	TBD	
28	14080624	WC	Moonlite Bay LLC	C/O AHHP Corp, PO Box 257	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.50	0.81		\$ 17,641.80	\$ 17,641.80	\$ 6,500	TBD	
29	14080627	LC	Moonlite Holdings LLC	11429 Snake Trl SW	Motley	MN	56466	\$ 0.09	\$ -	\$ 0.50	1.74		\$ 37,897.20	\$ 37,897.20	\$ 6,500	TBD	
30	14080643	LC	Moonlite Holdings LLC	11429 Snake Trl SW	Motley	MN	56466	\$ 0.09	\$ -	\$ 0.50	0.57		\$ 12,414.60	\$ 12,414.60	\$ 6,500	TBD	
31	14080656	S	Beyer, Robert	37754 County Road 66	Crosslake	MN	56442	\$ 3,500.00	\$ -	\$ 6,500.00	5.4	2	\$ 13,000.00	\$ 13,000.00	\$ 4,000	TBD	

32	14080655	S	Genereux, Stephen A & Barbara J	PO Box 841	Crosslake	MN	56442	\$ 3,500.00	\$ -	\$ 6,500.00	5.1	1	\$ 6,500.00	\$ 6,500.00	\$ 4,000	TBD
33	14080634	LC	Fraser, Leo & Doris Trustees	Fraser Trust, 37670 CR 66	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.20	4.23		\$ 36,851.76	\$ 36,851.76	\$ 6,500	TBD
34	14080633	LC	Fraser, Leo & Doris Trustees	Fraser Trust, 37670 CR 66	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.20	3.61		\$ 31,450.32	\$ 31,450.32	\$ 6,500	TBD
35	14080620	LC	Double B Holdings, LLC	2455 12th St SE	St Cloud	MN	56304	\$ 0.09	\$ -	\$ 0.20	4.32		\$ 37,635.84	\$ 37,635.84	\$ 6,500	TBD
36	14080632	S	Olson, Katie	37538 CR 66	Crosslake	MN	56442	\$ 2,750.00	\$ -	\$ 6,500.00	0.56	1	\$ 6,500.00	\$ 6,500.00	\$ 4,000	TBD
37	14080631	S	Kyle Family Limited Partnership	1140 Tonkawa RD	Long Lake	MN	55356	\$ 2,750.00	\$ -	\$ 6,500.00	0.51	1	\$ 6,500.00	\$ 6,500.00	\$ 4,000	TBD
38	14080630	S	Stanaitis, Florence J Trust	9711 Laforet Dr	Eden Prairie	MN	55347-3565	\$ 2,750.00	\$ -	\$ 6,500.00	0.46	1	\$ 6,500.00	\$ 6,500.00	\$ 4,000	TBD
39	14080629	S	Stanaitis, Florence	615 Central Ave N	Faribault	MN	55021	\$ 2,750.00	\$ -	\$ 6,500.00	0.4	1	\$ 6,500.00	\$ 6,500.00	\$ 4,000	TBD
40	14080628	P	City of Crosslake	37028 CR 66	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.13	0		\$ -	\$ -	\$ 4,000	TBD
41	14080599	LC	61 Marine & Sports North, LLC	13751 Daggett Pine Rd	Crosslake	MN	56442	\$ 0.09	\$ -	\$ 0.35	1.66		\$ 25,308.36	\$ 25,308.36	\$ 6,500	TBD
42	14080598	LC	Schmelz, Paul & Boller, Jamie	5841 190th St E	Prior Lake	MN	55372	\$ 0.09	\$ -	\$ 0.35	0.55		\$ 8,385.30	\$ 8,385.30	\$ 6,500	TBD
43	14080597	LC	Peak Partners LLC	100 3rd Ave S, Ste 3304	Minneapolis	MN	55401	\$ 0.09	\$ -	\$ 0.35	0.96		\$ 14,636.16	\$ 14,636.16	\$ 6,500	TBD
44	14090503	LC	Kreitz-Clow, Eva Marie	34750 Peoria Rd	Pequot Lakes	MN	56472	\$ 0.09	\$ -	\$ 0.35	0.89		\$ 13,568.94	\$ 13,568.94	\$ 6,500	TBD
45																
46																
												Total Assessed Amount		\$ 594,681.80		
¹Connection Charge is a direct charge that is applied at the time of connection when the property owner makes connection to the City sanitary sewer system.																
²ERU or Equivalent Residential Unit means a term used for the purpose of calculating the total connection charge for a property.																