

CERTIFICATION

FEASIBILITY REPORT OLSON LAKE TRAIL SANITARY SEWER EXTENSION

**A JOINT EFFORT BETWEEN:
THE CITY OF LAKE ELMO, MINNESOTA
AND THE CITY OF OAKDALE, MINNESOTA**

**FEBRUARY 2013
AMENDED MARCH 2013**

**Lake Elmo Project No: 2012.124
Oakdale Project No. 2012-05**

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



Chad J. Isakson | License No. **49028** | March 5, 2013
651.300.4264

**OLSON LAKE TRAIL
SANITARY SEWER EXTENSION**

**CITY OF LAKE ELMO PROJECT NO. 2012.124
CITY OF OAKDALE PROJECT NO. 2012-05**

REPORT AMENDMENT

This document officially amends the Olson Lake Trail Sanitary Sewer Extension Feasibility Report dated February 2013 that was adopted by the Lake Elmo City Council on February 19, 2013 and by the Oakdale City Council on February 26, 2013. The purpose of this amendment is to include one additional property to the scope of improvements to be constructed in 2013, thereby extending sanitary sewer service to the property located at 4709 Olson Lake Trail in Lake Elmo. This addition is being made at the request of the property owner.

The scope of the improvements have been amended to include additional construction quantities including sewer main pipe (580 LF total), service stub pipe, and one additional grinder station for the added property. The estimated project costs have been amended for the 2013 proposed improvements increasing the estimated costs from \$128,000 to \$141,000.

The unit assessment for the project will remain unchanged at \$18,500. However, the initial project in 2013 will now serve seven (7) properties; two properties in Oakdale and five (5) properties in Lake Elmo. The Lake Elmo preliminary assessment roll has been updated to include 4709 Olson Lake Trail. The addition of one more property assessment for the 2013 project results in a reduction of the proposed carrying costs for the cities; reducing it from \$17,000 down to \$11,500.

AMENDED: PHASE 1: Total estimated cost for the Olson Lake Trail Sanitary Sewer Extension Project:

- | | |
|--|------------------|
| • 8-INCH DIAMETER GRAVITY SANITARY SEWER EXTENSION (580 LF) | \$141,000 |
| • UNIT ASSESSMENT AMOUNT (7 BENEFITTING PROPERTIES) | \$18,500 |
| • CARRYING COSTS (TO BE RECOVERED FROM FUTURE IMPROVEMENTS) | \$11,500 |

NOTE: Carrying cost to be shared on pro rata basis: Lake Elmo = 62%; Oakdale = 38%

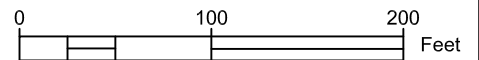
Revisions resulting from the added scope of this amendment are shown in the amended Figure 2 exhibit, amended cost estimate for the 2013 proposed improvements, and the amended preliminary assessment roll for Lake Elmo.

APPENDIX



LEGEND

- PROPOSED GRAVITY SEWER MAIN
- PROPOSED FORCEMAIN SERVICE STUB
- PROPOSED GRAVITY SERVICE STUB
- PROPOSED GRINDER STATION (LOCATION TBD)
- XXXX ASSESSABLE PROPERTY



FOCUS
ENGINEERING

PROJ. NO. 2012.124
LAKE ELMO, MINNESOTA
OAKDALE, MINNESOTA
MARCH, 2013

FIGURE NO. 2
**PROPOSED 2013 SANITARY
SEWER IMPROVEMENTS**
OLSON LAKE TRAIL SANITARY SEWER EXTENSION
AMENDED REPORT

**OLSON LAKE TRAIL SANITARY SEWER EXTENSION
A JOINT EFFORT OF THE CITY OF OAKDALE AND LAKE ELMO, MN
FOCUS PROJECT NO. 2012.124**

**ENGINEER'S OPINION OF PROBABLE COST
8-INCH TRUNK SEWER EXTENSION - PROPOSED 2013 IMPROVEMENTS**

DATE: MARCH 2013

Item	Description	Quantity	Unit	Unit price	Total Cost
1	MOBILIZATION	1.00	LS	\$3,500.00	\$3,500
2	TRAFFIC CONTROL	1.00	LS	\$1,750.00	\$1,750
3	SALVAGE & REINSTALL MAILBOX	2.00	EA	\$75.00	\$150
4	SALVAGE & REINSTALL POST & SIGN	1.00	EA	\$100.00	\$100
5	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT	150.00	SY	\$4.00	\$600
6	SILT FENCE	580.00	LF	\$2.00	\$1,160
7	REMOVE TREE INCLUDING STUMP (OVER 4")	22.00	EA	\$200.00	\$4,400
8	CONNECT TO EXISTING MANHOLE	1.00	EA	\$750.00	\$750
9	8" DIP, CLASS 50 SANITARY SEWER	20.00	LF	\$42.00	\$840
10	8" PVC, SDR 35 SANITARY SEWER (0'-10' DEPTH)	330.00	LF	\$28.00	\$9,240
11	8" PVC, SDR 35 SANITARY SEWER (10'-15' DEPTH)	230.00	LF	\$31.00	\$7,130
12	48" DIAMETER SAN. MANHOLE (0'-10' DEPTH)	3.00	EA	\$2,500.00	\$7,500
13	48" DIAMETER SAN. MANHOLE EXTRA DEPTH (>10' DEPTH)	2.00	LF	\$200.00	\$400
14	4" ON 8" PVC, SDR 35 WYE BRANCH	7.00	EA	\$100.00	\$700
15	4" PVC, SDR 26 SOLVENT WELD SERVICE PIPE	245.00	LF	\$25.00	\$6,125
16	8" DIP OUTSIDE DROP	5.00	LF	\$300.00	\$1,500
17	TRENCH STABILIZATION ROCK	580.00	LF	\$3.00	\$1,740
18	TELEVISION	580.00	LF	\$1.50	\$870
19	INDIVIDUAL HOME GRINDER STATION	5.00	EA	\$8,000.00	\$40,000
20	SPWEA240B BITUMINOUS WEARING COURSE, DRIVEWAYS	27.00	TN	\$95.00	\$2,565
21	BITUMINOUS MATERIAL FOR TACK COAT	8.00	GA	\$2.50	\$20
22	CL. 5 AGGREGATE BASE	55.00	TN	\$20.00	\$1,100
23	TOPSOIL	161.00	CY	\$14.00	\$2,254
24	SEEDING	0.20	AC	\$2,000.00	\$400
25	WOOD FIBER BLANKET	967.00	SY	\$1.50	\$1,451
26	OFF ROAD STRUCTURE MARKER	3.00	EA	\$100.00	\$300

Subtotal Estimated Construction Cost: \$96,000

Contingencies:	\$14,000
Easement and Right-of-way Acquisition:	\$0
Engineering Services (Report, Design and Construction Administration):	\$19,000
Full-Time Construction Observation:	\$6,000
Geotechnical Engineering:	\$2,000
Legal, Fiscal and Administration:	\$4,000

Total Estimated Project Cost: \$141,000

*The estimated costs are according to average prices received on similar projects in other areas. The actual costs for this project will be determined through a bidding process and can vary with market conditions at the time of the bid.

NO.	NAME	ADDRESS					PID	UNITS
1	HAIDER ANTHONY J & DIANE M	4575	OLSON LAKE	TRAIL	LAKE ELMO	55042	08.029.21.14.0009	1
2	GRAHAM RICHARD C TRS	4635	OLSON LAKE	TRAIL	LAKE ELMO	55042	08.029.21.14.0005	1
3	KVAASE JOYCE	4655	OLSON LAKE	TRAIL	LAKE ELMO	55042	08.029.21.14.0055	1
4	TAYLOR REBECCA M	4671	OLSON LAKE	TRAIL	LAKE ELMO	55042	08.029.21.14.0050	1
5	SCHULTZ CHARLES A & MARCIA R ANDERSON	4709	OLSON LAKE	TRAIL	LAKE ELMO	55042	08.029.21.14.0010	1
							TOTAL	5