



STAFF REPORT

DATE: February 6, 2018

REGULAR

ITEM #: 19

AGENDA ITEM: CSAH15 (Manning Avenue) and CSAH 14 (Stillwater Blvd) Realignment – Resolution Approving Cooperative Agreements

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator
Rob Weldon, Public Works Director

ISSUE BEFORE COUNCIL: Should the City Council approve the Cost Share, Jurisdictional Transfer and Maintenance Cooperative Agreements with Washington County for the CSAH15 (Manning Avenue) and CSAH14 (Stillwater Blvd) Realignment Improvements?

BACKGROUND, PROPOSAL DETAILS/ANALYSIS: As part of Washington County’s Capital Improvement Program, the County intends to reconstruct and realign County State Aid Highway 15 (Manning Avenue) and County State Aid Highway 14 (Stillwater Boulevard) located in the City of Lake Elmo, with the construction to be initiated in 2018. The improvements represent Phase 2 of a multi-phased project for the County State Aid Highway 15 (Manning Avenue) Corridor Management and Safety Improvement Project. The project seeks to improve operations and safety along the corridor by completing intersection improvements and realignments; improving access to several neighborhoods, schools, businesses, the Lake Elmo airport and the County Fairgrounds; improving mobility and direct access between Trunk Highway 36 (an Interregional Corridor route) and I-94; and increasing capacity with a 4-lane expansion to accommodate current and future traffic levels. Traffic and transportation studies have found that the current volume of traffic on County Highway 15 is nearing a point at which a two-lane roadway can no longer operate efficiently and safely. The Phase 1 improvements were constructed in 2016 consisting of intersection improvements at CSAH 15 and CSAH 10 and at the Oakland Junior High School.

The purpose for the Cooperative Agreements are to outline the cost participation requirements by the City, to address the turnback of the portion of Old Highway 5 serving the Fields of St. Croix neighborhood and to address the respective ownership and maintenance responsibilities for the new improvements. Key elements of the agreements are as follows:

- The estimated cost share participation by Lake Elmo is \$455,875. The City’s costs are capped at \$500,000. The City’s payment have been deferred until January 31, 2019.
- Stillwater Way will become a City road once the project is complete, including the trail along the north side of Stillwater Way (see Exhibit B from the Jurisdictional Transfer Agreement).
- The City will have no cost participation share for the future traffic signal at CSAH 14 (Stillwater Way North) and CSAH 15 (Manning Avenue) when a signal is installed at this intersection.
- The City will be responsible for the ongoing maintenance costs for Stillwater Way and adjacent trail, and for the sanitary sewer improvements extended to serve the Holiday Station.

The traffic signal maintenance Cooperative Agreement to address the traffic signal system at the new CSAH15/CSAH14 intersection has already been approved.

FISCAL IMPACT: The estimated cost share participation by Lake Elmo is \$455,875. The actual cost share will be determined once the project is complete and the final costs are known, however, the agreement caps the City share of the costs at \$500,000. In addition, the City will be responsible for the ongoing maintenance costs for the Jurisdictional Transfer improvements along Stillwater Way (Old Highway 5) and for the sanitary sewer improvements extended to serve the Holiday Station.

The City applied for Local Road Improvement Program (LRIP) grant funding through MnDOT in the amount of \$500,000 to be used to pay the City's local share of the project. The grant award determination has not yet been announced.

RECOMMENDATION: Staff is recommending that the City Council approve the Cost Share, Jurisdictional Transfer and Maintenance Cooperative Agreements with Washington County for the CSAH15 (Manning Avenue) and CSAH14 (Stillwater Blvd) Realignment Improvements. The recommended motion for the action is as follows:

“Move to approve Resolution No. 2018-012 approving Cooperative Agreement 11400 (Cost Sharing), Cooperative Agreement 11522 (Jurisdictional Transfer), and Cooperative Maintenance Agreement 11523 for the CSAH15 (Manning Avenue) and CSAH14 (Stillwater Blvd) Realignment Improvements.”

ATTACHMENTS:

1. Resolution Approving Cooperative Agreements for County State Aid Highway 14 & 15.
2. Cooperative Agreement 11400 for Cost Sharing.
3. Cooperative Agreement 11522 for the Jurisdictional Transfer.
4. Cooperative Maintenance Agreement 11523.

**CITY OF LAKE ELMO
WASHINGTON COUNTY
STATE OF MINNESOTA**

RESOLUTION NO. 2018-012

**A RESOLUTION APPROVING COOPERATIVE AGREEMENTS WITH
WASHINGTON COUNTY FOR COUNTY STATE AID HIGHWAY 15 & 14**

WHEREAS, the County intends to reconstruct and realign County State Aid Highway 15 (Manning Avenue) and County State Aid Highway 14 (Stillwater Boulevard) located in the City of Lake Elmo; and

WHEREAS, items included in the project require City cost participation in general accordance with “Washington County Cost Participation Policy #8001 for Cooperative Highway Improvement Projects”; and

WHEREAS, the County wishes to transfer and the City wishes to accept jurisdictional control of a segment of Old CSAH 14 to be known as Stillwater Way under the terms and conditions of the Jurisdictional Transfer Agreement; and

WHEREAS, a cooperative effort between the City and County is the appropriate method to facilitate the project cost sharing, jurisdictional transfer, and facilitate the maintenance of the items constructed by the Project; and

WHEREAS, this Agreement is made pursuant to statutory authority contained in Minnesota Statute 162.17 sub.1 and Minnesota Statute 471.59.

NOW, THEREFORE, BE IT RESOLVED,

1. That Cooperative Agreement 11400 for the construction costs of County State Aid Highway 15 and 14, between the City of Lake Elmo and Washington County, is hereby approved and the Mayor and City Administrator are hereby authorized to execute the agreement on behalf of the City of Lake Elmo.
2. That Cooperative Agreement 11522 for the Jurisdictional Transfer of a segment of Old CSAH 14, between the City of Lake Elmo and Washington County, is hereby approved and the Mayor and City Administrator are hereby authorized to execute the agreement on behalf of the City of Lake Elmo.
3. That Cooperative Maintenance Agreement 11523 between the City of Lake Elmo and Washington County is hereby approved and the Mayor and City Administrator are hereby authorized execute the agreement on behalf of the City of Lake Elmo.

ADOPTED BY THE LAKE ELMO CITY COUNCIL ON THE SIXTH DAY OF FEBRUARY 2018.

CITY OF LAKE ELMO

By: _____
Mike Pearson
Mayor

(Seal)
ATTEST:

Julie Johnson
City Clerk

**COOPERATIVE AGREEMENT BETWEEN THE CITY OF
LAKE ELMO AND WASHINGTON COUNTY FOR
CONSTRUCTION COST OF COUNTY STATE AID HIGHWAY
(CSAH) 14 AND 15**

WASHINGTON COUNTY	
CONTRACT NO.	11400
DEPT.	PUBLIC WORKS
DIVISION	TRANSPORTATION
TERM	SIGNATURE - END OF PROJECT

THIS AGREEMENT, by and between the City of Lake Elmo, a municipal corporation, herein after referred to as the "City", and Washington County, a political subdivision of the State of Minnesota, hereinafter referred to as the "County."

WITNESSETH:

WHEREAS, the County intends to construct County State Aid Highway (CSAH) 14 from 70' West of 39th Street North to CSAH 15 in the City of Lake Elmo; and

WHEREAS, the County intends to construct County State Aid Highway (CSAH) 15 from 60' North of Union Pacific Railroad to 950' South of Linden Trail in the City of Lake Elmo; and

WHEREAS, items included in the project require City cost participation in general accordance with "Washington County Cost Participation Policy #8001 for Cooperative Highway Improvement Projects"; and

WHEREAS, the City desires to use local funds and may use State Aid for these improvements; and

WHEREAS, the County desires to use local funds and State Aid for these improvements; and

WHEREAS, a cooperative effort between the City and County is the appropriate method to facilitate the construction of these transportation improvements; and

WHEREAS, this Agreement is made pursuant to statutory authority contained in Minnesota Statute 162.17 sub.1 and Minnesota Statute 471.59.

NOW THEREFORE, IT IS HEREBY MUTUALLY AGREED AS FOLLOWS:

A. PURPOSE

The purpose of this agreement is set forth in the above whereas clauses which are all incorporated by reference as if fully set forth herein and shall consist of this agreement, Exhibit A (Location Map), Exhibit B (Estimated Construction Cost and Cost Splits) and Exhibit C (Trail Easement).

B. PLANS AND SPECIFICATION PREPARATION

1. The County shall be responsible for the preparation of all the plans and specifications for the project, including but not limited to, compliance with all applicable standards and policies and obtaining all approvals required in formulating the bid specifications for all County and City components of this Project.
2. The following County project numbers have been assigned to the project: SAP 082-614-014 (CSAH 14) and SAP 082-615-027 (CSAH 15).
3. The following City project number have been assigned to the project: SAP 206-020-004.

C. RIGHT OF WAY AND EASEMENTS

1. The County shall acquire all permanent rights-of-way, permanent easements, and temporary slope easements, which will be acquired in the name of the County.

2. Any rights-of-way, permanent easements, and temporary slope easements that cannot be obtained through negotiation will be acquired by the County through eminent domain proceedings.
3. The County will attempt to acquire, on behalf of the City, the trail easement set forth in Exhibit C. If the County is unable to obtain the easement at no cost, the County shall revise the plans to relocate the trail within existing County right of way with City approval.

D. ADVERTISEMENT AND AWARD OF CONTRACT

After plans and specifications have been approved by the County, all permits and approvals obtained, and acquisition of necessary rights-of-way and easements, the County shall advertise for construction bids and at the sole discretion of the County award the contract to the lowest responsible bidder.

E. CONSTRUCTION ADMINISTRATION, OBSERVATION, AND TESTING

The County shall be responsible for the construction administration, inspection, and for the observation and testing for all construction items.

F. COST PARTICIPATION ITEMS AND ESTIMATED COSTS

The cost participation provisions contained in the "Washington County Cost Participation Policy #8001 for Cooperative Highway Improvement Projects", are incorporated into this agreement by reference. The City's cost participation is set forth in Table 1 and is broken down into five categories which are: 1.) Construction; 2) Design Engineering; 3) Construction Engineering/Contract Administration; 4) Right of Way; 5) County-Furnished Material.

1. Construction

Construction costs shall be the cost to construct the project. The County has prepared a statement of estimated quantities and cost splits hereto attached as Exhibit B. The City shall pay to the County its share of the total cost as shown in Exhibit B and set forth in Table 1. After the County has awarded the construction contract, Exhibit B will be updated to reflect the actual contractor's unit prices.

2. Design Engineering

Design engineering costs shall be professional design engineering services, project coordination, preparation of plans and specification, stakeholder engagement, geotechnical studies, and other administrative functions necessary for the project. Based on the City's share of the construction cost, the City shall pay the prorated cost of design engineering for the entire project as set forth in Table 1.

3. Construction Engineering/Contract Administration

Construction engineering/contract administration costs shall be construction observation, construction testing, construction administration, staking, conducting and recording the pre-bid, pre-construction and weekly construction meetings, reviewing monthly pay estimates, labor compliance, and other administrative functions necessary for the project. Construction engineering/contract administration is 8% of the construction cost. Based on the City's share of the construction cost, the City shall pay the prorated cost of construction engineering/contract administration as set forth in Table 1.

4. Right of Way

Right of Way costs shall be permanent right-of-way, permanent utility and/or drainage easements, temporary easements, title work costs, appraisal costs, relocation specialist costs, relocation costs, and condemnation commissioner costs. If applicable, the City shall pay their share of the final right of way cost. The estimated amount is set forth in Table 1.

5. County-Furnished Material

County-furnished material costs shall be items such as light poles, traffic signal control equipment, and street name signs which are separately procured outside of the construction contract and installed within the project limits. The City shall pay their share of the final County-furnished material cost. The estimated amount is set forth in Table 1.

TABLE 1 – ESTIMATED COSTS City of Lake Elmo Cost Summary					
ITEM	TOTAL COST	FLEX FUNDS REVENUE APPLIED	COST ESTIMATE WITH FLEX FUNDS REDUCING COSTS	CITY SHARE	CITY COST ESTIMATE
Construction	\$11,891,866.80	\$800,000.00	\$11,091,521.80	2.18%	\$241,795.18
Design Engineering	\$663,512.00		\$663,512.00	2.18%	\$14,464.56
Construction Engineering/Contract Administration	\$951,321.74		\$951,321.74	2.18%	\$20,738.81
Right of Way Subtotal	\$1,774,742.55	\$1,400,000.00	\$374,742.55		
• Right of Way outside Lake Elmo	\$234,500.00	\$184,984.58	\$49,515.42		
• Right of Way within Lake Elmo	\$1,540,242.55	\$1,215,015.42	\$325,227.13	55%	\$178,874.92
County-Furnished Material	\$0	\$0	\$0	0%	\$0
TOTAL ESTIMATED COST	\$15,281,098.09	\$2,200,000.00	\$13,081,098.09		\$455,873.47*

*See 6.f.

6. The costs and shares attributable to the City and payable to the County as shown in Table 1 are merely estimated and a final reconciliation of costs as set forth in Section G. below shall be done at the end of the project. Actual City costs and shares are based on the following:
- a. Construction shall be based on the contractor's unit prices and final quantities at project completion including all contract changes.
 - b. Design engineering shall be based on the contractor's unit prices at the time of contract award.
 - c. Construction engineering/contract administration shall be based on the contractor's unit prices at the time of contract award.
 - d. Right of way shall be based on the final costs to acquire right of way.
 - e. County-furnished material shall be based on the final costs to acquire County-furnished material.
 - f. The total amount that the City will pay to Washington County is NOT TO EXCEED \$500,000 after Table 1 has been updated to reflect actual costs.
 - g. The City cost participation over \$500,000 will be covered by adjusting the application of Flex Funds identified for turn back projects.
 - h. The City will have no cost participation share for the City's leg of CSAH 14 (Stillwater Way North) and CSAH 15 (Manning Avenue) if/when at the County's sole discretion the intersection is converted into a signalized intersection.
 - i. The City will have no cost participation share for the sanitary sewer improvements to the Holiday Station, except for the service stubs and future main line stubs as requested by

the City.

- j. The City will have no cost participation share for the improvements that are part of the Jurisdictional Transfer to the City.

G. PAYMENT

1. After the County has awarded the construction contract, the County shall update Exhibit B to conform the Exhibit to the amounts in the awarded bid and a copy of the updated Exhibit B shall be provided to the City.
2. Prior to December 15th, 2018, the County shall submit to the City an invoice for the City's estimated final cost based on an updated Table 1 and Exhibit B, to be payable on January 31st, 2019.
3. Upon final completion of the work, the County shall submit to the City a final invoice reflecting final reconciliation of costs if not previously completed. The reconciliation will add or subtract contract amendments to the City's project components, adjust for liquidated damages pursuant to Section I., and previous project cost payments made by the City to the County. The City shall be responsible to pay the County the final reconciliation of costs 30 days after receipt, but no sooner than January 31st, 2019.

H. CONTRACT CHANGES

Any modifications or additions to the final approved plans and/or specifications of the City's portion of the Project shall be made part of the construction contract through a written amendment to the construction contract, but only after concurrence by the City Engineer, and the cost for such changes shall be appropriated as set forth in Section F. of this Agreement until the cost meets the NOT TO EXCEED limit set in Section 6.f., then the County shall have full contract change authority. City concurrence shall be received upon request and may not be unreasonably conditioned, withheld, or delayed.

I. LIQUIDATED DAMAGES

Any liquidated damage assessed the contractor in connection with the work performed on the project shall be shared by the City and the County in the following proportion: The respective total share of construction work to the total construction cost without any deduction for liquidated damages.

J. CONDITIONS

The City shall not assess or otherwise recover any portion of its cost for this project through levy on County-owned property.

K. CIVIL RIGHTS AND NON-DISCRIMINATION

The provisions of Minn. Stat. 181.59 and of any applicable ordinance relating to civil rights and discrimination shall be considered part of this Agreement as if fully set further herein, and shall be part of any Agreement entered into by the parties with any contractor subcontractor, or material suppliers.

L. WORKERS COMPENSATION

It is hereby understood and agreed that any and all employees of the City and all other persons employed by the City in the performance of construction and/or construction engineering work or services required or provided for under this agreement shall not be considered employees of the County and that any and all claims that may or might arise under the Worker's Compensation Act of the State of Minnesota on behalf of said employees while so engaged and any and all claims made by any third parties as a consequence of any act or omission on the part of said City employees while so engaged on any of the construction and/or construction engineering work or services to be rendered herein shall in no way be the obligation or responsibility of the County.

M. INDEMNIFICATION

1. The City agrees that it will defend, indemnify and hold harmless the County against any and all liability, loss, damages, costs and expenses which the County may hereafter sustain, incur or be required to pay by reason of any negligent act by the City, its agents, officers or employees during the performance of this agreement.
2. The County agrees that it will defend, indemnify and hold harmless the City against any and all liability, loss, damages, costs and expenses which the City may hereafter sustain, incur or be required to pay by reason of any negligent act by the County, its agents, officers or employees during the performance of this agreement.
3. To the fullest extent permitted by law, actions by the parties to this Agreement are intended to be and shall be construed as a "cooperative activity" and it is the intent of the parties that they shall be deemed a "single governmental unit" for the purposes of liability, as set forth in Minnesota Statutes, Section 471.59, subd. 1a.(b). The parties to this Agreement are not liable for the acts or omissions of another party to this Agreement except to the extent they have agreed in writing to be responsible for the acts or omissions of the other parties as provided for in Section 471.59, subd. 1a.
4. Each party's liability shall be governed by the provisions of Minnesota Statutes, Chapter 466 and other applicable law. The parties agree that liability under this Agreement is controlled by Minnesota Statute 471.59, subdivision 1a. and that the total liability for the parties shall not exceed the limits on governmental liability for a single unit of government as specified in 466.04, subdivision 1(a).

N. DATA PRACTICES

All data collected, created, received, maintained, disseminated, or used for any purposes in the course of this Agreement is governed by the Minnesota Government Data Practices Act, Minnesota Statutes 1984, Section 13.01, et seq. or any other applicable state statutes and state rules adopted to implement the Act, as well as state statutes and federal regulations on data privacy.

IN TESTIMONY WHEREOF the parties have duly executed this agreement by their duly authorized officers.

WASHINGTON COUNTY

Chair Date
Board of Commissioners

Molly O'Rourke Date
County Administrator

Approved as to form:

Assistant County Attorney Date

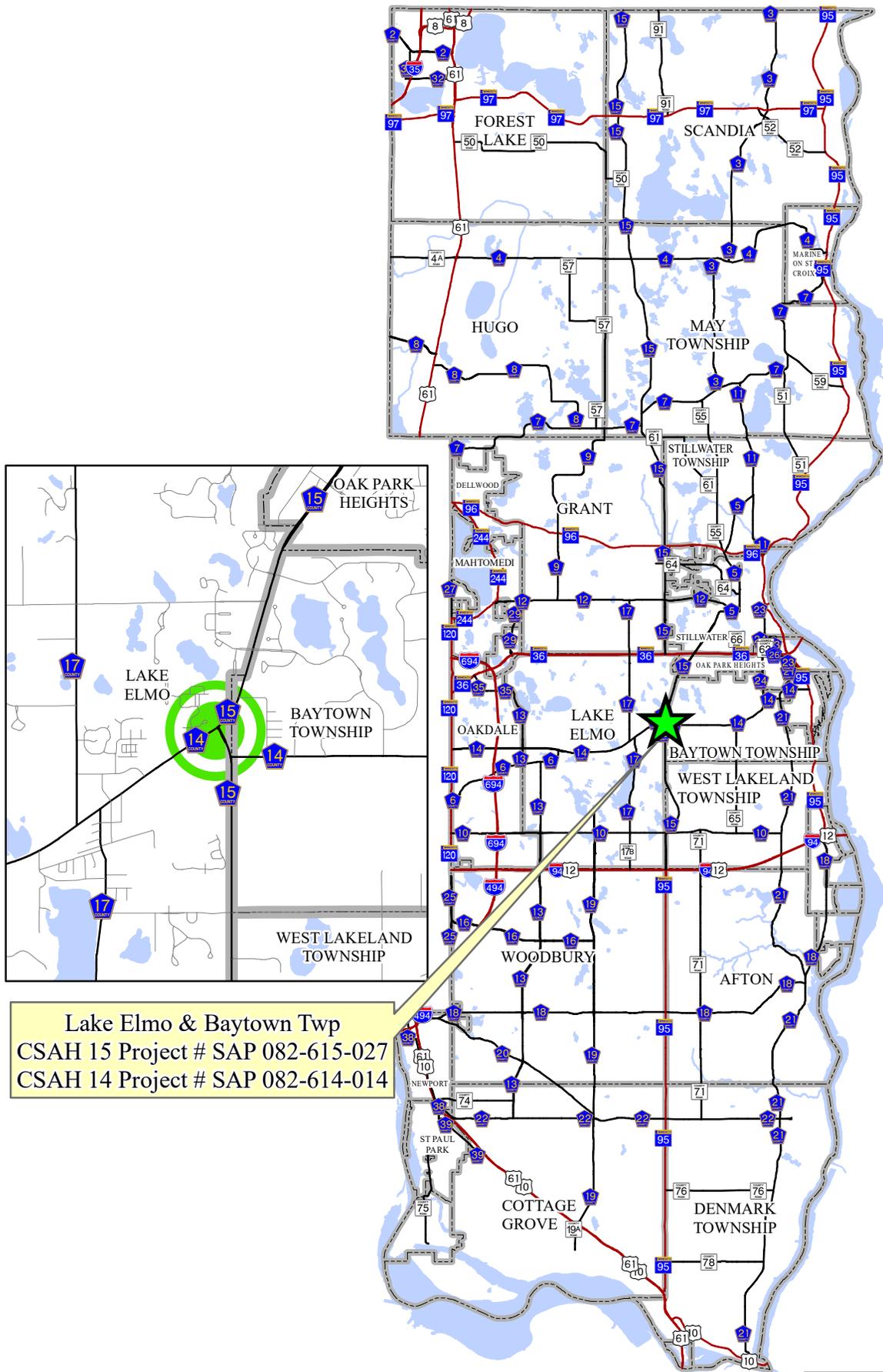
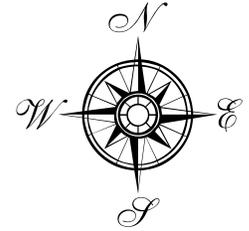
CITY OF LAKE ELMO

Mike Pearson Date
Mayor

Kristina Handt Date
City Administrator

Approved as to form:

City Attorney Date

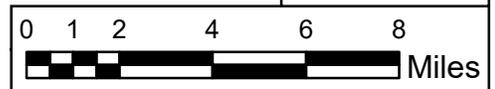


Lake Elmo & Baytown Twp
 CSAH 15 Project # SAP 082-615-027
 CSAH 14 Project # SAP 082-614-014

Road Classification

- INTERSTATE HIGHWAY
- U.S. TRUNK HIGHWAY
- STATE TRUNK HIGHWAY
- COUNTY STATE AID HIGHWAY
- COUNTY ROAD

Scale 1:260,000



This map is the result of a compilation and reproduction of land records as they appear in various Washington County offices. This map should be used for reference purposes only. Washington County is not responsible for any inaccuracies.

95% ENGINEER'S ESTIMATE
CSAH 15 / CSAH 14 Realignment

Exhibit B

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	TOTAL PROJECT QUANTITIES	WASHINGTON COUNTY								CITY OF LAKE ELMO					
					S.A.P. 082-615-027				S.A.P. 082-614-014				NON-PARTICIPATING CSAH 15		NON-PARTICIPATING CSAH 14			
					ESTIMATED	ROADWAY	STORM	NON-PART	SHARE	ROADWAY	STORM	NON-PART	SHARE	ROADWAY	SHARE	ROADWAY	SHARE	
2011.601	AS BUILT	LUMP SUM	\$2,000.00	1	0.5				\$1,000.00	0.5				\$1,000.00				
2021.501	MOBILIZATION	LUMP SUM	\$400,000.00	1	0.53				\$212,000.00	0.45				\$180,000.00	0.01	\$4,000.00	0.01	\$4,000.00
2031.501	FIELD OFFICE TYPE D	EACH	\$15,000.00	1	0.5				\$7,500.00	0.5				\$7,500.00				
2051.501	MAINT & RESTORATION OF HAUL ROADS	LUMP SUM	\$1,000.00	1	0.5				\$500.00	0.5				\$500.00				
2101.501	CLEARING	ACRE	\$4,000.00	6.3	2.6				\$10,400.00	3.7				\$14,800.00				
2101.506	GRUBBING	ACRE	\$4,000.00	6.3	2.6				\$10,400.00	3.7				\$14,800.00				
2102.501	PAVEMENT MARKING REMOVAL	SQ FT	\$2.50	800	640				\$1,600.00	160				\$400.00				
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	\$1.00	32080	23030				\$23,030.00	9050				\$9,050.00				
2104.501	REMOVE PIPE CULVERTS	LIN FT	\$10.00	1207	668				\$6,680.00	539				\$5,390.00				
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	\$10.00	674	206				\$2,060.00	468				\$4,680.00				
2104.501	REMOVE CURB & GUTTER	LIN FT	\$8.00	2220	1740				\$13,920.00	480				\$3,840.00				
2104.501	REMOVE RETAINING WALL	LIN FT	\$20.00	90	90				\$1,800.00									
2104.501	REMOVE FENCE	LIN FT	\$10.00	50	50				\$500.00									
2104.501	REMOVE CHAIN LINK FENCE	LIN FT	\$6.00	1300	810				\$4,860.00	490				\$2,940.00				
2104.501	REMOVE MASONRY WALL	LIN FT	\$30.00	60	60				\$1,800.00									
2104.501	REMOVE DIRECT BURIED LIGHTING CABLE	LIN FT	\$3.00	482	300				\$900.00	182				\$546.00				
2104.503	REMOVE CONCRETE WALK	SQ FT	\$5.00	690						690				\$3,450.00				
2104.505	REMOVE CONCRETE MEDIAN	SQ YD	\$10.00	400	350				\$3,500.00	50				\$500.00				
2104.505	REMOVE PAVEMENT	SQ YD	\$10.00	20470	7730				\$77,300.00	12740				\$127,400.00				
2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	\$6.00	2620	1420				\$8,520.00	1200				\$7,200.00				
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$3.00	29630	18540				\$55,620.00	11090				\$33,270.00				
2104.507	REMOVE RIPRAP	CU YD	\$50.00	3						3				\$150.00				
2104.509	REMOVE SEPTIC TANK	EACH	\$3,000.00	1	1				\$3,000.00									
2104.509	REMOVE PERMANENT BARRICADE	EACH	\$100.00	2	2				\$200.00									
2104.509	REMOVE LIGHTING UNIT	EACH	\$300.00	4	3				\$900.00	1				\$300.00				
2104.509	REMOVE SANITARY CLEANOUT	EACH	\$100.00	13	13				\$1,300.00									
2104.509	REMOVE DRAINAGE STRUCTURE	EACH	\$500.00	9	3				\$1,500.00	6				\$3,000.00				
2104.509	REMOVE MARKER	EACH	\$25.00	17	15				\$375.00	2				\$50.00				
2104.509	REMOVE SIGN TYPE C	EACH	\$25.00	81	61				\$1,525.00	20				\$500.00				
2104.509	REMOVE SIGN TYPE D	EACH	\$70.00	3	2				\$140.00	1				\$70.00				
2104.509	REMOVE SIGN TYPE SPECIAL	EACH	\$35.00	3	2				\$70.00	1				\$35.00				
2104.509	REMOVE SIGNAL SYSTEM	EACH	\$12,000.00	1						1				\$12,000.00				
2104.509	REMOVE LIGHT FOUNDATION	EACH	\$500.00	4	3				\$1,500.00	1				\$500.00				
2104.509	REMOVE MAIL BOX SUPPORT	EACH	\$40.00	10	2				\$80.00	8				\$320.00				
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$5.00	920	50				\$250.00	870				\$4,350.00				
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	\$3.00	2390	1170				\$3,510.00	1220				\$3,660.00				
2104.523	SALVAGE SIGN	EACH	\$200.00	1	1				\$200.00									
2104.523	SALVAGE SIGN TYPE C	EACH	\$40.00	8	5				\$200.00	3				\$120.00				
2104.523	SALVAGE SIGN TYPE D	EACH	\$60.00	8	5				\$300.00	3				\$180.00				
2104.523	SALVAGE SIGN TYPE SPECIAL	EACH	\$40.00	1						1				\$40.00				
2104.602	REMOVE MISCELLANEOUS STRUCTURES	EACH	\$5,000.00	1	1				\$5,000.00									
2105.607	COMMON BORROW SPECIAL (CV)	CU YD	\$30.00	548		548			\$16,440.00									
2106.501	EXCAVATION - COMMON	CU YD	\$10.00	139663	81729				\$817,290.00	57934				\$579,340.00				
2106.507	EXCAVATION - SUBGRADE	CU YD	\$12.00	26361	16976				\$203,712.00	9385				\$112,620.00				
2106.521	GRANULAR EMBANKMENT (CV)	CU YD	\$15.00	2692						2692				\$40,380.00				
2106.522	SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$16.00	52338	30321				\$485,136.00	22017				\$352,272.00				
2106.523	COMMON EMBANKMENT (CV)	CU YD	\$6.00	143559	53842				\$323,052.00	89717				\$538,302.00				
2118.607	AGGREGATE SURFACING (CV) CLASS 2	CU YD	\$30.00	170	100				\$3,000.00	70				\$2,100.00				
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	hour	\$150.00	200	100				\$15,000.00	100				\$15,000.00				
2130.501	WATER	M GALLON	\$40.00	20	10				\$400.00	10				\$400.00				
2211.503	AGGREGATE BASE (CV) CLASS 5	CU YD	\$22.00	31180	16075				\$353,650.00	14215				\$312,730.00	195	\$4,290.00	695	\$15,290.00
2232.501	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$1.50	880	880				\$1,320.00									
2232.501	MILL BITUMINOUS SURFACE (8.0")	SQ YD	\$3.00	9630						9630				\$28,890.00				
2301.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EACH	\$15.00	376	151				\$2,265.00	85				\$1,275.00	55	\$825.00	85	\$1,275.00
2360.501	TYPE SP 12.5 WEARING COURSE MIX (2,B)	TON	\$55.00	4640	1700				\$93,500.00	2940				\$161,700.00				
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,B)	TON	\$80.00	2120	1400				\$112,000.00	720				\$57,600.00				
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$60.00	16550	9130				\$547,800.00	7420				\$445,200.00				
2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	\$55.00	11950	6600				\$363,000.00	5350				\$294,250.00				
2451.507	GRANULAR BEDDING (CV)	CU YD	\$25.00	867.7			230		\$5,750.00	44.6	11.1	582		\$15,942.50				
2451.607	MEDIUM FILTER AGGREGATE (CV)	CU YD	\$70.00	53					\$3,710.00									
2501.515	12" GS PIPE APRON	EACH	\$300.00	6							6			\$1,800.00				
2501.515	15" GS PIPE APRON	EACH	\$350.00	9					\$1,750.00		4			\$1,400.00				

95% ENGINEER'S ESTIMATE

CSAH 15 / CSAH 14 Realignment

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	TOTAL PROJECT QUANTITIES	WASHINGTON COUNTY								CITY OF LAKE ELMO					
					S.A.P. 082-615-027				S.A.P. 082-614-014				NON-PARTICIPATING CSAH 15		NON-PARTICIPATING CSAH 14			
					ESTIMATED	ROADWAY	STORM	NON-PART	SHARE	ROADWAY	STORM	NON-PART	SHARE	ROADWAY	SHARE	ROADWAY	SHARE	
2501.515	18" GS PIPE APRON	EACH	\$400.00	6		2				\$800.00	3	1		\$1,600.00				
2501.515	24" GS PIPE APRON	EACH	\$550.00	3		3				\$1,650.00								
2501.515	30" GS PIPE APRON	EACH	\$650.00	2		2				\$1,300.00								
2501.515	12" RC PIPE APRON	EACH	\$500.00	1			1			\$500.00								
2501.515	15" RC PIPE APRON	EACH	\$550.00	15			1			\$550.00		14		\$7,700.00				
2501.515	18" RC PIPE APRON	EACH	\$600.00	8			3			\$1,800.00		5		\$3,000.00				
2501.515	24" RC PIPE APRON	EACH	\$700.00	10		4	4			\$5,600.00		2		\$1,400.00				
2501.515	30" RC PIPE APRON	EACH	\$900.00	2			1			\$900.00		1		\$900.00				
2501.515	36" RC PIPE APRON	EACH	\$1,100.00	7			7			\$7,700.00								
2501.525	36" SPAN RC PIPE-ARCH APRON	EACH	\$1,000.00	4							4			\$4,000.00				
2501.525	44" SPAN RC PIPE-ARCH APRON	EACH	\$1,200.00	6							4	2		\$7,200.00				
2501.567	18" CS SAFETY APR & GRATE DES 3128	EACH	\$875.00	2							2			\$1,750.00				
2501.567	24" CS SAFETY APR & GRATE DES 3128	EACH	\$600.00	3		1				\$600.00	2			\$1,200.00				
2501.569	15" RC SAFETY APRON	EACH	\$650.00	2								2		\$1,300.00				
2501.569	24" RC SAFETY APRON	EACH	\$750.00	1			1			\$750.00								
2501.602	TRASH GUARD FOR 15" PIPE APRON	EACH	\$250.00	5			1			\$250.00		4		\$1,000.00				
2501.602	TRASH GUARD FOR 18" PIPE APRON	EACH	\$300.00	2								2		\$600.00				
2501.602	TRASH GUARD FOR 24" PIPE APRON	EACH	\$500.00	3			3			\$1,500.00								
2501.602	TRASH GUARD FOR 30" PIPE APRON	EACH	\$800.00	1			1			\$800.00								
2501.602	TRASH GUARD FOR 36" PIPE APRON	EACH	\$1,000.00	2			2			\$2,000.00								
2501.602	TRASH GUARD FOR 44" SPAN PIPE APRON	EACH	\$1,200.00	1								1		\$1,200.00				
2502.541	4" PERF TP PIPE DRAIN	LIN FT	\$12.00	4352		1985				\$23,820.00	2367			\$28,404.00				
2502.541	6" PERF TP PIPE DRAIN	LIN FT	\$14.00	1220			1220			\$17,080.00								
2503.511	15" CS PIPE SEWER	LIN FT	\$36.00	227			114			\$4,104.00		113		\$4,068.00				
2503.511	18" CS PIPE SEWER	LIN FT	\$40.00	452		40				\$1,600.00	136	276		\$16,480.00				
2503.511	24" CS PIPE SEWER	LIN FT	\$48.00	264		167				\$8,016.00	97			\$4,656.00				
2503.511	30" CS PIPE SEWER	LIN FT	\$56.00	58		58				\$3,248.00								
2503.511	4" PVC PIPE SEWER	LIN FT	\$40.00	14				14		\$560.00								
2503.511	6" PVC PIPE SEWER	LIN FT	\$50.00	83			83			\$4,150.00								
2503.511	8" PVC PIPE SEWER	LIN FT	\$50.00	3981				1036		\$51,800.00			2945	\$147,250.00				
2503.521	36" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT	\$80.00	322							322			\$25,760.00				
2503.521	44" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT	\$110.00	409							272	137		\$44,990.00				
2503.541	12" RC PIPE SEWER DES 3006 CL V	LIN FT	\$40.00	28			28			\$1,120.00								
2503.541	15" RC PIPE SEWER DES 3006 CL V	LIN FT	\$42.00	6251			2407			\$101,094.00		3844		\$161,448.00				
2503.541	18" RC PIPE SEWER DES 3006	LIN FT	\$36.00	849			431			\$15,516.00		418		\$15,048.00				
2503.541	24" RC PIPE SEWER DES 3006	LIN FT	\$45.00	1002		287	633			\$41,400.00		82		\$3,690.00				
2503.541	30" RC PIPE SEWER DES 3006	LIN FT	\$55.00	1534			1534			\$84,370.00								
2503.541	30" RC PIPE SEWER DES 3006 CL III	LIN FT	\$60.00	901			503			\$30,180.00		398		\$23,880.00				
2503.541	36" RC PIPE SEWER DES 3006	LIN FT	\$70.00	251			251			\$17,570.00								
2503.541	36" RCP SEWER DES 3006 CL V-JACKED	LIN FT	\$900.00	113			113			\$101,700.00								
2503.601	PUMPING DESIGN & CONSTRUCTION	LUMP SUM	\$50,000.00	1				0.5		\$25,000.00			0.5	\$25,000.00				
2503.602	CONNECT TO EXISTING MANHOLES (SAN)	EACH	\$3,000.00	1									1	\$3,000.00				
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$700.00	1			1			\$700.00								
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	\$800.00	3			1			\$800.00		2		\$1,600.00				
2503.602	8"X4" PVC WYE	EACH	\$350.00	1				1		\$350.00								
2503.603	PLUG FILL & ABANDON PIPE SEWER	LIN FT	\$20.00	268		268				\$5,360.00								
2503.603	12" HDPE PIPE SEWER	LIN FT	\$40.00	160								160		\$6,400.00				
2504.602	ADJUST GATE VALVE & BOX	EACH	\$500.00	3							3			\$1,500.00				
2506.501	CONST DRAINAGE STRUCTURE DESIGN H	LIN FT	\$250.00	1.5			1.5			\$375.00								
2506.501	CONST DRAINAGE STRUCTURE DESIGN N	LIN FT	\$300.00	130.9			43			\$12,900.00		87.9		\$26,370.00				
2506.501	CONST DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	\$400.00	101			39.5			\$15,800.00		61.5		\$24,600.00				
2506.501	CONST DRAINAGE STRUCTURE DESIGN SD-60	LIN FT	\$500.00	5.6								5.6		\$2,800.00				
2506.501	CONST DRAINAGE STRUCTURE DESIGN SD-72	LIN FT	\$650.00	9.5				5.5		\$3,575.00		4		\$2,600.00				
2506.501	CONST DRAINAGE STRUCTURE DESIGN SPECIAL	LIN FT	\$300.00	242				49.1		\$14,730.00			192.9	\$57,870.00				
2506.501	CONST DRAINAGE STRUCTURE DESIGN SPEC 2	LIN FT	\$230.00	37.6								37.6		\$8,648.00				
2506.501	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	\$300.00	463.4			257.9			\$77,370.00		205.5		\$61,650.00				
2506.501	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	\$425.00	119.4			114.5			\$48,662.50		4.9		\$2,082.50				
2506.501	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	\$600.00	24.4			9.7			\$5,820.00		14.7		\$8,820.00				
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 1	EACH	\$5,000.00	6			3			\$15,000.00		3		\$15,000.00				
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 2	EACH	\$1,600.00	6								6		\$9,600.00				
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 3	EACH	\$9,000.00	1			1			\$9,000.00								
2506.516	CASTING ASSEMBLY	EACH	\$700.00	206			93	4		\$67,900.00		99	10	\$76,300.00				
2511.501	RANDOM RIPRAP CLASS II	CU YD	\$70.00	496		40.4	275.2			\$22,092.00	53.7	126.7		\$12,628.00				

95% ENGINEER'S ESTIMATE

CSAH 15 / CSAH 14 Realignment

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	TOTAL PROJECT QUANTITIES	WASHINGTON COUNTY								CITY OF LAKE ELMO				
					S.A.P. 082-615-027				S.A.P. 082-614-014				NON-PARTICIPATING CSAH 15		NON-PARTICIPATING CSAH 14		
					ESTIMATED	ROADWAY	STORM	NON-PART	SHARE	ROADWAY	STORM	NON-PART	SHARE	ROADWAY	SHARE	ROADWAY	SHARE
2511.501	RANDOM RIPRAP CLASS III	CU YD	\$70.00	34.8			34.8		\$2,436.00								
2511.515	GEOTEXTILE FILTER TYPE IV	SQ YD	\$3.00	2008.1	178.6		1010.2		\$3,566.40	240.9	578.4		\$2,457.90				
2521.501	4" CONCRETE WALK	SQ FT	\$5.00	86260	54570				\$272,850.00	31690			\$158,450.00				
2521.501	6" CONCRETE WALK	SQ FT	\$8.00	14580	7830				\$62,640.00	2855			\$22,840.00	1220	\$9,760.00	2675	\$21,400.00
2521.511	3" BITUMINOUS WALK	SQ FT	\$2.00	89140	28550				\$57,100.00	26585			\$53,170.00	7420	\$14,840.00	26585	\$53,170.00
2531.501	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	\$15.00	25980	12205				\$183,075.00	8755			\$131,325.00	1325	\$19,875.00	3695	\$55,425.00
2531.501	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	\$25.00	270	50				\$1,250.00	85			\$2,125.00	50	\$1,250.00	85	\$2,125.00
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	\$12.00	4250						2125			\$25,500.00			2125	\$25,500.00
2531.507	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$60.00	190						190			\$11,400.00				
2531.618	TRUNCATED DOMES	SQ FT	\$40.00	704	292				\$11,680.00	160			\$6,400.00	92	\$3,680.00	160	\$6,400.00
2533.507	PORTABLE PRECAST CONC BARRIER DES 8337	LIN FT	\$16.00	4770	3175.2				\$50,803.20	1499.4			\$23,990.40	64.8	\$1,036.80	30.6	\$489.60
2533.508	RELOCATE PORT PRECAST CONC BAR DES 8337	LIN FT	\$5.00	3670	2459.8				\$12,299.00	1136.8			\$5,684.00	50.2	\$251.00	23.2	\$116.00
2540.602	MAIL BOX SUPPORT	EACH	\$150.00	9	2				\$300.00	7			\$1,050.00				
2554.505	PERMANENT BARRICADES	LIN FT	\$40.00	45						44.1			\$1,764.00			0.9	\$36.00
2554.509	GUIDE POST TYPE B	EACH	\$55.00	82	12	23			\$1,925.00	14	33		\$2,585.00				
2554.615	IMPACT ATTENUATOR	ASSEMBLY	\$3,000.00	9	5.88				\$17,640.00	2.94			\$8,820.00	0.12	\$360.00	0.06	\$180.00
2554.615	RELOCATE IMPACT ATTENUATOR	ASSEMBLY	\$750.00	10	7.84				\$5,880.00	1.96			\$1,470.00	0.16	\$120.00	0.04	\$30.00
2557.501	WIRE FENCE DESIGN 60-9322	LIN FT	\$20.00	1390	330				\$6,600.00	1060			\$21,200.00				
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	\$25,000.00	1	0.53				\$13,250.00	0.45			\$11,250.00	0.01	\$250.00	0.01	\$250.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$100,000.00	1	0.53				\$53,000.00	0.45			\$45,000.00	0.01	\$1,000.00	0.01	\$1,000.00
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	\$50.00	60	30				\$1,500.00	30			\$1,500.00				
2564.531	SIGN PANELS TYPE SPECIAL	SQ FT	\$50.00	33	23.6				\$1,180.00	9.4			\$470.00				
2564.531	SIGN PANELS TYPE C	SQ FT	\$35.00	847.8	452.7				\$15,844.50	395.1			\$13,828.50				
2564.531	SIGN PANELS TYPE D	SQ FT	\$40.00	165	88				\$3,520.00	77			\$3,080.00				
2564.537	INSTALL SIGN TYPE C	EACH	\$100.00	8	5				\$500.00	3			\$300.00				
2564.537	INSTALL SIGN TYPE D	EACH	\$200.00	8	5				\$1,000.00	3			\$600.00				
2564.537	INSTALL SIGN TYPE SPECIAL	EACH	\$150.00	1						1			\$150.00				
2564.552	OBJECT MARKER TYPE X4-2	EACH	\$75.00	14	8				\$600.00	6			\$450.00				
2564.552	OBJECT MARKER TYPE X4-4	EACH	\$100.00	1						1			\$100.00				
2564.552	OBJECT MARKER TYPE X4-5	EACH	\$75.00	7	3				\$225.00	4			\$300.00				
2564.602	INSTALL SIGN	EACH	\$200.00	1	1				\$200.00								
2564.602	INFILTRATION AREA MARKER X3-6A	EACH	\$80.00	15		10			\$800.00		5		\$400.00				
2564.618	CONSTRUCTION SIGNS-SPECIAL	SQ FT	\$20.00	100	50				\$1,000.00	50			\$1,000.00				
2565.511	TRAFFIC CONTROL SIGNAL SYSTEM	SIG SYS	\$269,000.00	1	0.5				\$134,500.00	0.5			\$134,500.00				
2565.513	EMERGENCY VEHICLE PREEMPTION SYSTEM	LUMP SUM	\$10,000.00	1	0.5				\$5,000.00	0.5			\$5,000.00				
2573.502	SILT FENCE, TYPE MS	LIN FT	\$2.00	18010	7673.4				\$15,346.80	9976.4			\$19,952.80	156.6	\$313.20	203.6	\$407.20
2573.530	STORM DRAIN INLET PROTECTION	EACH	\$100.00	179	83.3				\$8,330.00	92.12			\$9,212.00	1.7	\$170.00	1.88	\$188.00
2573.533	SEDIMENT CONTROL LOG TYPE STRAW	LIN FT	\$3.00	3840	2028.6				\$6,085.80	1738.6			\$5,215.80	41.4	\$124.20	31.4	\$94.20
2573.535	STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$3,000.00	1	0.53				\$1,590.00	0.45			\$1,350.00	0.01	\$30.00	0.01	\$30.00
2573.560	CULVERT END CONTROLS	EACH	\$200.00	38	16.66				\$3,332.00	20.58			\$4,116.00	0.34	\$68.00	0.42	\$84.00
2574.508	FERTILIZER TYPE 3	POUND	\$1.00	6595	3131.1				\$3,131.10	3332			\$3,332.00	63.9	\$63.90	68	\$68.00
2574.508	FERTILIZER TYPE 4	POUND	\$1.50	840	352.8				\$529.20	470.4			\$705.60	7.2	\$10.80	9.6	\$14.40
2574.525	FILTER TOPSOIL BORROW	CU YD	\$40.00	9218		7693			\$307,720.00		1525		\$61,000.00				
2574.550	COMPOST GRADE 2	CU YD	\$80.00	554		188			\$15,040.00		366		\$29,280.00				
2574.575	SUBSOILING	ACRE	\$450.00	3.3		2.2			\$990.00		1.1		\$495.00				
2574.578	SOIL BED PREPARATION	ACRE	\$500.00	36.9	17.3				\$8,650.00	18.8			\$9,400.00	0.4	\$200.00	0.4	\$200.00
2575.501	SEEDING	ACRE	\$400.00	33.5	15.7				\$6,280.00	17.1			\$6,840.00	0.3	\$120.00	0.4	\$160.00
2575.502	SEED MIXTURE 25-141	POUND	\$3.50	140	71.8				\$251.30	65.6			\$229.60	1.2	\$4.20	1.4	\$4.90
2575.502	SEED MIXTURE 33-261	POUND	\$30.00	190	83.3				\$2,499.00	102.9			\$3,087.00	1.7	\$51.00	2.1	\$63.00
2575.502	SEED MIXTURE 35-221	POUND	\$50.00	10						9.8			\$490.00			0.2	\$10.00
2575.502	SEED MIXTURE 35-241	POUND	\$20.00	955	450.8				\$9,016.00	485.1			\$9,702.00	9.2	\$184.00	9.9	\$198.00
2575.505	SODDING TYPE LAWN	SQ YD	\$6.00	384	68	119			\$1,122.00	129	68		\$1,182.00				
2575.505	SODDING TYPE SALT TOLERANT	SQ YD	\$5.00	16450	7330.4				\$36,652.00	8790.6			\$43,953.00	149.6	\$748.00	179.4	\$897.00
2575.511	MULCH MATERIAL TYPE 3	TON	\$500.00	20.8	9.4				\$4,700.00	10.9			\$5,450.00	0.2	\$100.00	0.3	\$150.00
2575.513	MULCH MATERIAL TYPE 9	CU YD	\$75.00	15						15			\$1,125.00				
2575.519	DISK ANCHORING	ACRE	\$100.00	10.4	4.7				\$470.00	5.5			\$550.00	0.1	\$10.00	0.1	\$10.00
2575.523	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	\$1.50	112900	53517.8				\$80,276.70	57124.2			\$85,686.30	1092.2	\$1,638.30	1165.8	\$1,748.70
2575.571	RAPID STABILIZATION METHOD 3	M GALLON	\$200.00	236.5	120.9				\$24,180.00	110.8			\$22,160.00	2.5	\$500.00	2.3	\$460.00
2582.501	PAVT MSSG PAINT	SQ FT	\$30.00	200	196				\$5,880.00					4	\$120.00		
2582.501	PAVT MSSG PREF TAPE GR IN	SQ FT	\$50.00	1450	690				\$34,500.00	760			\$38,000.00				
2582.502	4" SOLID LINE PAINT	LIN FT	\$0.40	93400	46844				\$18,737.60	44688			\$17,875.20	956	\$382.40	912	\$364.80
2582.502	12" SOLID LINE PAINT	LIN FT	\$3.00	110	78.4				\$235.20	29.4			\$88.20	1.6	\$4.80	0.6	\$1.80

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					S.A.P. 082-615-027				S.A.P. 082-614-014				NON-PARTICIPATING CSAH 15		NON-PARTICIPATING CSAH 14				
					ESTIMATED	ROADWAY	STORM	NON-PART	SHARE	ROADWAY	STORM	NON-PART	SHARE	ROADWAY	SHARE	ROADWAY	SHARE		
2582.502	24" SOLID LINE PAINT	LIN FT	\$5.00	1340	705.6				\$3,528.00	607.6			\$3,038.00	14.4	\$72.00	12.4	\$62.00		
2582.502	4" BROKEN LINE PAINT	LIN FT	\$0.50	2840	2293.2				\$1,146.60	490			\$245.00	46.8	\$23.40	10	\$5.00		
2582.502	4" DOTTED LINE PAINT	LIN FT	\$5.00	30						29.4			\$147.00			0.6	\$3.00		
2582.502	4" DBLE SOLID LINE PAINT	LIN FT	\$0.80	31520	18384.8				\$14,707.84	12504.8			\$10,003.84	375.2	\$300.16	255.2	\$204.16		
2582.502	4" SOLID LINE EPOXY GR IN (WR)	LIN FT	\$0.60	51260	22460				\$13,476.00	28800			\$17,280.00						
2582.502	24" SOLID LINE EPOXY GR IN (WR)	LIN FT	\$12.00	590	230				\$2,760.00	360			\$4,320.00						
2582.502	4" BROKEN LINE EPOXY GR IN (WR)	LIN FT	\$0.80	1620	1130				\$904.00	490			\$392.00						
2582.502	4" DOTTED LINE EPOXY GR IN (WR)	LIN FT	\$2.00	350	100				\$200.00	250			\$500.00						
2582.502	4" DBLE SOLID LINE EPOXY GR IN (WR)	LIN FT	\$1.20	9270	3390				\$4,068.00	5880			\$7,056.00						
2582.502	24" SOLID LINE PREF THERMO GR IN	LIN FT	\$25.00	120	90				\$2,250.00	30			\$750.00						
2582.503	CROSSWALK PREF TAPE GR IN	SQ FT	\$15.00	1240	1240				\$18,600.00										
				SUBTOTAL	\$6,251,526.74				\$5,381,104.14				\$66,776.16		\$192,114.76				
					TOTAL COST				FLEX FUNDS				CITY SHARE		CITY COST ESTIMATE				
				ESTIMATED CONSTRUCTION TOTAL COST				\$11,891,521.80				\$800,000.00		\$11,091,521.80		2.18%		\$241,795.18	
				DESIGN ENGINEERING				\$663,512.00						\$663,512.00		2.18%		\$14,464.56	
				CONSTRUCTION ENGINEERING/CONSTRUCTION ADMINISTRATION				\$951,321.74						\$951,321.74		2.18%		\$20,738.81	
				RIGHT OF WAY TOTAL				\$1,774,742.55				\$1,400,000.00							
				RIGHT OF WAY OUTSIDE LAKE ELMO				\$234,500.00				\$184,984.58							
				RIGHT OF WAY WITHIN LAKE ELMO				\$1,540,242.55				\$1,215,015.42				55%		\$178,874.92	
				TOTAL ESTIMATED COST				\$15,281,098.09				\$13,081,098.09						\$455,873.47	

BLUESTEM AT THE FIELDS OF ST CROIX

THE FIELDS OF ST CROIX 2ND ADDITION

OUTLOT C

OUTLOT A

OUTLOT F

LITTLE BLUESTEM TR.

CITY TRAIL EASEMENT

30-FOOT WIDE TRAIL EASEMENT

STILLWATER WAY N.

MANNING AVENUE N

Existing R/W Line

Existing R/W Line

Existing R/W Line

Existing R/W Line

**AGREEMENT FOR THE TRANSFER OF
COUNTY STATE AID HIGHWAY (CSAH) 14
TO THE CITY OF LAKE ELMO**

WASHINGTON COUNTY	
CONTRACT NO.	11522
DEPT.	PUBLIC WORKS
DIVISION	TRANSPORTATION
TERM	SIGNATURE-TRANSFER COMPLETION

THIS AGREEMENT is hereby made between the City of Lake Elmo ("City"), and the County of Washington ("County") and shall consist of this agreement and Exhibits A and B and shall be for the purpose of defining the rights and responsibilities concerning the jurisdictional transfer of County State Aid Highway (CSAH) 14 in the City of Lake Elmo.

WHEREAS, the County and the City have entered in to a separate Cooperative Agreement for the construction of the CSAH 14 & CSAH 15 Realignment Project ("Project"); and

WHEREAS, pursuant to MINN. STAT. § 162.02, et. seg. CSAH 14 is a County State Aid Highway under the jurisdiction of the County; and

WHEREAS, the County wishes to transfer and the City wishes to accept jurisdictional control of CSAH 14, but only under certain terms and conditions; and

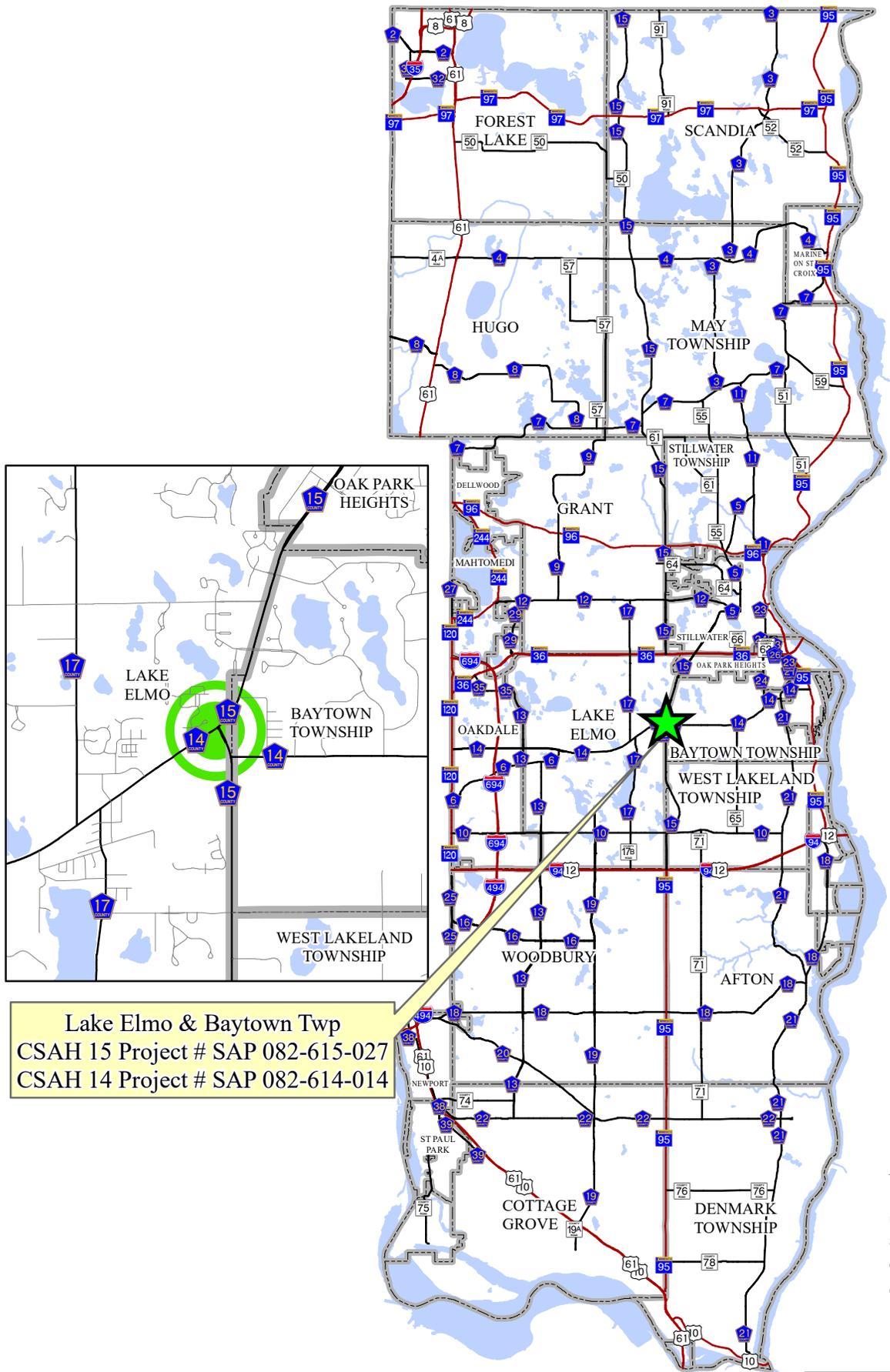
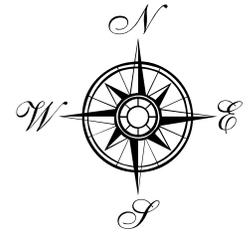
WHEREAS, the segment of CSAH 14 that the County wishes to transfer to the City's control is illustrated in Exhibit B; and

WHEREAS, the City and County wish to take the necessary statutory and regulatory steps in order to accomplish these jurisdictional transfers.

NOW, THEREFORE, the parties agree to the following conditions regarding the transfer of jurisdiction of the road(s):

CSAH 14 (Stillwater Way North)

1. Both parties agree that the description of the portion of CSAH 14 roadway subject to jurisdictional transfer shall be:
 - a. All that part of County State Aid Highway No. 14 (aka Stillwater Boulevard, aka Old Trunk Highway 5, aka Stillwater Way North), as illustrated in Exhibit B.
2. The County shall proceed pursuant to MINN. STAT. § 162.02 subd. 10 to change the designation of the roadway from County State Aid Highway to County Highway over the portions of CSAH 14 as described in Section 1.a of this agreement.
3. The County shall proceed pursuant to MINN. STAT. § 163.11 subd. 5. to revoke jurisdiction and the City agrees to accept said jurisdiction over the portions of County Highway 14 as described in Section 1.a of this agreement.
4. As consideration for this agreement, the County shall upon completion of the Project, transfer to the City the permanent right of way and adjacent city street connection as shown on the map attached as Exhibit B. The County will transfer whatever interests it has at that time.
5. Upon completion of the Project, the County shall transfer to the City all construction and maintenance records of the transferred portions of CSAH 14.

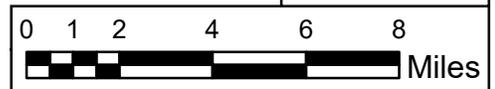


Lake Elmo & Baytown Twp
 CSAH 15 Project # SAP 082-615-027
 CSAH 14 Project # SAP 082-614-014

Road Classification

- INTERSTATE HIGHWAY
- U.S. TRUNK HIGHWAY
- STATE TRUNK HIGHWAY
- COUNTY STATE AID HIGHWAY
- COUNTY ROAD

Scale 1:260,000



This map is the result of a compilation and reproduction of land records as they appear in various Washington County offices. This map should be used for reference purposes only. Washington County is not responsible for any inaccuracies.

STILLWATER WAY N.

MANNING AVENUE N

40TH ST N.

WASHINGTON COUNTY RIGHT-OF-WAY AREA
TRANSFER TO THE CITY OF LAKE ELMO

Existing R/W Line

Existing R/W Line

Existing R/W Line

Existing R/W Line

New R/W Line

New R/W Line

New R/W Line



**COOPERATIVE AGREEMENT BETWEEN THE CITY OF LAKE
ELMO AND WASHINGTON COUNTY FOR
THE MAINTENANCE OF COUNTY STATE AID HIGHWAYS
(CSAH) 14 & 15**

WASHINGTON COUNTY	
CONTRACT NO.	11523
DEPT.	PUBLIC WORKS
DIVISION	TRANSPORTATION
TERM	SIGNATURE-PERPETUAL

THIS AGREEMENT, by and between the City of Lake Elmo, a municipal corporation, herein after referred to as the "City", and Washington County, a political subdivision of the State of Minnesota, hereinafter referred to as the "County".

WHEREAS, the County intends to construct CSAH 14 from 70' West of 39th Street North to 890' East of McFair Avenue North, CSAH 15 from 60' North of the Union Pacific Railroad to 950' South of McDonald Drive North, and associated roadway improvements, herein referred to as the "Project"; and

WHEREAS, the County and the City have entered into a separate agreement for the Jurisdictional Transfer of a portion of the Project improvements, with the transfer to become effective upon final completion of the Project, as defined in said agreement; and

WHEREAS, the County and the City have entered into a separate agreement for the construction cost sharing of the Project; and

WHEREAS, a cooperative effort between the City and County is the appropriate method to facilitate the maintenance of items constructed as part of the Project; and

WHEREAS, this Agreement is made pursuant to statutory authority contained in Minnesota Statute 162.17 sub.1 and Minnesota Statute 471.59.

NOW THEREFORE, IT IS HEREBY MUTUALLY AGREED AS FOLLOWS:

A. PURPOSE

The purpose of this agreement is set forth in the above whereas clauses which are all incorporated by reference as if fully set forth herein and shall consist of this agreement and Exhibit A (Location Map).

B. MAINTENANCE/OWNERSHIP

1. Upon completion of the Project, the City shall own and maintain, without any cost or expense to the County, the following:
 - a. Municipal sanitary sewer and watermain, not including sewer and water stubs located beyond the public right-of-way or easements.
 - b. Signing. All permanent roadway signing on City roads.
 - c. Pedestrian Ramps. All pedestrian ramps on its City right-of-way existing, constructed or re-constructed.
 - d. Pavement: Pavement on its City right-of-way; existing, constructed or re-constructed.
 - e. Curb and Gutter. All curb and gutter on its City right-of-way existing, constructed or re-constructed.
 - f. Crosswalk and Pavement Markings. All crosswalk and pavement markings applied on city streets and intersection approaches, except the signalized intersection of CSAH 14/CSAH 15.
 - g. Storm Sewer. All storm sewer trunk line, lateral lines, catch basins and leads on its City right-of-way; existing, constructed or re-constructed.

2. Upon completion of the Project, the following applies to the City, without any cost or expense to the County:
 - a. Corridor Boulevards. The City, at their expense, may, but are not required to, perform corridor boulevard mowing.
 - b. Trails. Minor maintenance of trail on both sides of CSAH 14 from 39th Street to Stillwater Way North, on the South side of CSAH 14 from Stillwater Way North to CSAH 15, on the west side of CSAH 15 from 500-feet south of CSAH 14 to Stillwater Way North, and on the northwesterly side of Stillwater Way North from CSAH 14 to CSAH 15. Minor maintenance includes, but is not limited to, patching and crack repair.
 - c. Pedestrian Ramps. Minor maintenance of pedestrian ramps connected to trails listed in B.2.b. Minor maintenance includes, but is not limited to, patching and crack repair.
 - d. Signal. The County and City have entered into a separate agreement to address traffic signal maintenance responsibility.

3. Upon completion of this project the County shall own and maintain, without any expense to the City, the following under this project:
 - a. Storm sewer. All storm sewer trunk lines, lateral lines, catch basins and leads on its County right-of-way; existing, constructed or re-constructed under this project.
 - b. Centerline Culverts. All centerline culverts on its county owned right-of-way existing, constructed or re-constructed under this project.
 - c. Signing. All permanent roadway signing on County roads will be controlled by the County.
 - d. Crosswalk and Pavement Markings. All markings on County roads.
 - e. With respect to the construed corridor boulevard, the County may mow the corridor boulevards a maximum of twice per year. Additional mowing may be performed by the County if needed to provide safety sight distance.
 - f. Curb and gutter. All curb and gutter on its County right-of-way existing, constructed or re-constructed under this project.
 - g. Pavement. All pavement systems existing, constructed or re-constructed under this project within existing county right-of-way.
 - h. Trails. Major maintenance of trail on both sides of CSAH 14 from 39th Street to Stillwater Way North, on the South side of CSAH 14 from Stillwater Way North to CSAH 15, on the west side of CSAH 15 from 500-ft south of CSAH 14 to Stillwater Way North. The County shall not perform minor maintenance, including, but not limited to snow removal.
 - i. Pedestrian Ramps. Major maintenance of pedestrian ramps connected to trails listed in B.3.h. Major maintenance shall include repair and/or replacement of sidewalk panels and pedestrian ramps as deemed necessary by the County Engineer. The County shall not perform minor maintenance, including, but not limited to snow removal.
 - j. Concrete Medians. All concrete medians existing, constructed or re-constructed under this project.
 - k. Storm water ponds, wet ponds, dry basins, and infiltration basins and swales constructed under this Project. Maintenance shall include applicable tasks, as required by the County Engineer.

4. All maintenance required to be performed by this agreement by the Parties shall be performed in a manner which shall be at the sole discretion of the party so obligated.
5. The City and County will follow work zone traffic control procedures required in the Minnesota Manual of Uniform Traffic Control Devices for all maintenance activities.
6. The County and City will notify each other at least 24 hours in advance of any maintenance activities requiring a lane closure for work within the other party's right-of-way.
7. The County will control all parking and other regulations on County roads, subject to any previous Agreements between the City and the County.

C. CIVIL RIGHTS AND NON-DISCRIMINATION

The provisions of Minn. Stat. 181.59 and of any applicable ordinance relating to civil rights and discrimination shall be considered part of this Agreement as if fully set further herein, and shall be part of any Agreement entered into by the parties with any contractor subcontractor, or material suppliers.

D. WORKERS COMPENSATION

It is hereby understood and agreed that any and all employees of the County and all other persons employed by the County in the performance of construction and/or construction engineering work or services required or provided for under this agreement shall not be considered employees of the City and that any and all claims that may or might arise under the Worker's Compensation Act of the State of Minnesota on behalf of said employees while so engaged and any and all claims made by any third parties as a consequence of any act or omission on the part of said County employees while so engaged on any of the construction and/or construction engineering work or services to be rendered herein shall in no way be the obligation or responsibility of the City.

E. INDEMNIFICATION

1. The City agrees that it will defend, indemnify, and hold harmless the County against any and all liability, loss, damages, costs and expenses which the County may hereafter sustain, incur or be required to pay by reason of any negligent act by the City, its agents, officers or employees during the performance of this agreement.
2. The County agrees that it will defend, indemnify, and hold harmless the City against any and all liability, loss, damages, costs and expenses which the City may hereafter sustain, incur or be required to pay by reason of any negligent act by the County, its agents, officers or employees during the performance of this agreement.
3. To the fullest extent permitted by law, actions by the parties to this Agreement are intended to be and shall be construed as a "cooperative activity" and it is the intent of the parties that they shall be deemed a "single governmental unit" for the purposes of liability, as set forth in Minnesota Statutes, Section 471.59, subd. 1a(b). The parties to this Agreement are not liable for the acts or omissions of another party to this Agreement except to the extent they have agreed in writing to be responsible for the acts or omissions of the other parties as provided for in Section 471.59, subd. 1a.
4. Each party's liability shall be governed by the provisions of Minnesota Statutes, Chapter 466 and other applicable law. The parties agree that liability under this Agreement is controlled by Minnesota Statute 471.59, subdivision 1a and that the total liability for the parties shall not exceed the limits on governmental liability for a single unit of government as specified in 466.04, subdivision 1(a).

F. CONDITIONS

The City shall not assess or otherwise recover any portion of its cost for this project through levy on County-owned property.

G. DATA PRACTICES

All data collected, created, received, maintained, disseminated, or used for any purposes in the course of this Agreement is governed by the Minnesota Government Data Practices Act, Minnesota Statutes 1984, Section 13.01, et seq. or any other applicable state statutes and state rules adopted to implement the Act, as well as state statutes and federal regulations on data privacy.

WASHINGTON COUNTY, MINNESOTA

CITY OF LAKE ELMO, MINNESOTA

Lisa Weik, Chair
Board of Commissioners

Date

Mike Pearson
Mayor

Date

Molly O'Rourke
County Administrator

Date

Kristina Handt
City Administrator

Date

Approved as to form:

Approved as to form:

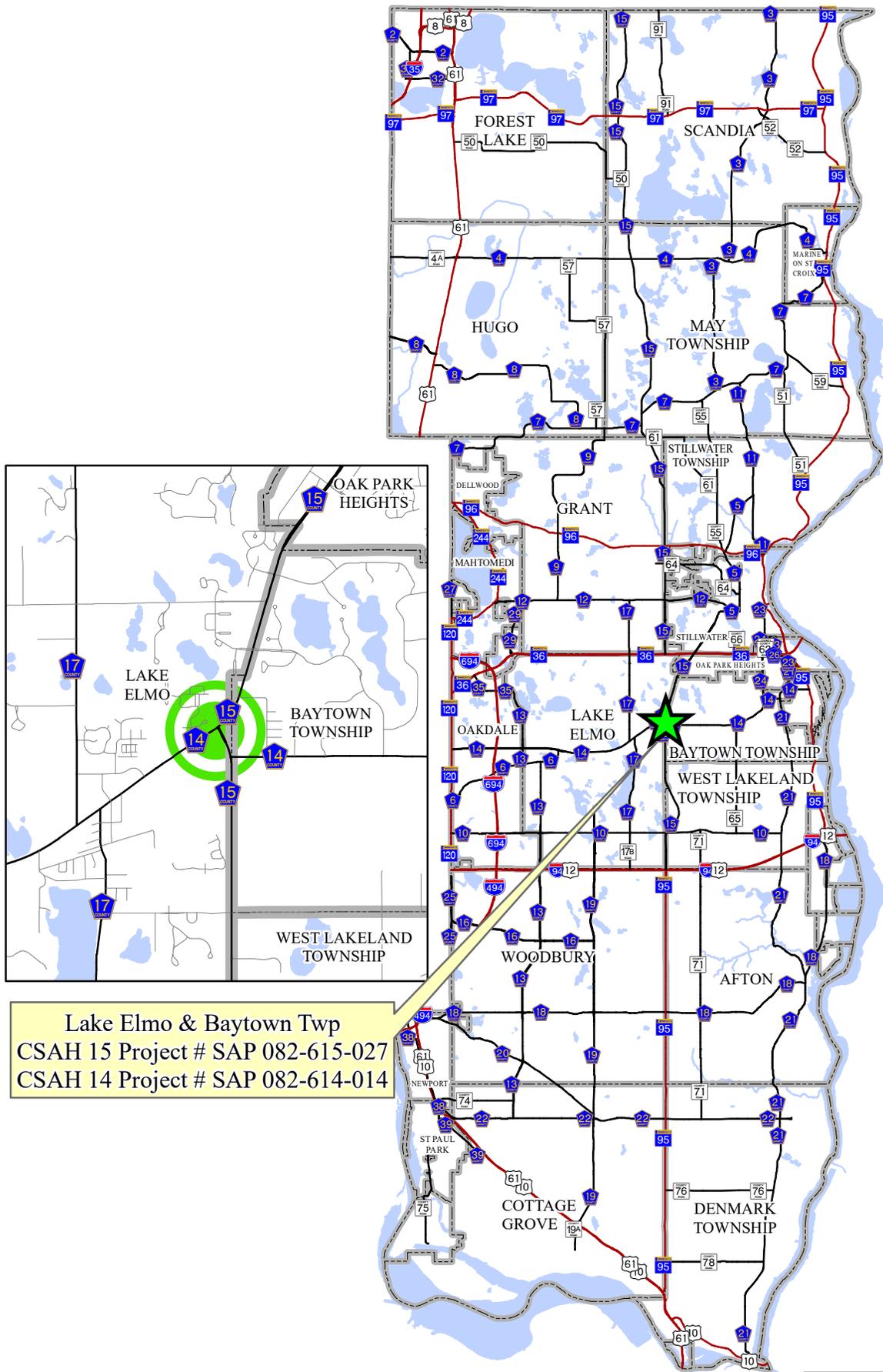
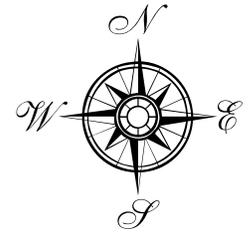
Assistant County Attorney

Date

Attorney

Date

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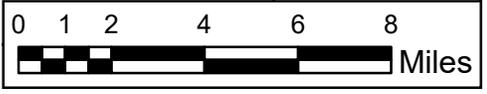


Lake Elmo & Baytown Twp
 CSAH 15 Project # SAP 082-615-027
 CSAH 14 Project # SAP 082-614-014

Road Classification

INTERSTATE HIGHWAY	
U.S. TRUNK HIGHWAY	
STATE TRUNK HIGHWAY	
COUNTY STATE AID HIGHWAY	
COUNTY ROAD	

Scale 1:260,000



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