Item 7b.

Sunfish Lake Engineer's Report for December 3, 2019

By: **Jeff Sandberg, PE**
City Engineer

Date: **November 27, 2019**

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1. Engineering Activities Undertaken in the Month of November.

The following Engineer's Report reflects the Engineering activities undertaken this past month.

A. 2020 Mill and Overlay Project. An error that was found in the project cost estimate will require that the feasibility study be updated, and a new public hearing be scheduled. Staff will present options for the City Council to consider to move the maintenance projects forward. SEE ATTACHMENT.

B. Dakota County 2040 Transportation Plan Update. On November 18th, staff met with County Engineer Mark Krebsbach and County Planner Scott Peters at the Western Service Center to discuss the proposed Dakota County Transportation Plan. SEE ATTACHMENT.

C. Pay Request – Charlton Road Reconstruction Project. Pay request #3 is included for the City Council's consideration. While staff has determined that the project has been completed per the contract plans and specifications, the contractor was not able to provide a final pay request at this time. We anticipate the final pay request for the project to be submitted for consideration at the January meeting. SEE ATTACHMENT.

D. Consider Replacing Fire Marker Sign. Staff was contacted by concerned residents on Charlton Road that their group fire marker sign needs replacement. SEE ATTACHMENT.

2. Building and Site Reviews in the Month of November.

A. 1 Sunfish Lane. Staff has reviewed a resubmittal of a previously approved plan. The previously approved plan did not include all significant trees that would be impacted by the improvements. The property owner is having the site redesigned to reduce impacts to significant trees. It is anticipated that this re-application will be presented to the City Council for approval at a future meeting.

B. 315 Salem Church Road. Staff reviewed a submittal for a minor site and building review for 315 Salem Church Road.

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3. Public Works Activities Undertaken in the Month of November.

A. Charlton Road Construction Project. A final walk-through was conducted and it was determined that all of outstanding items have been completed and that the project was constructed in accordance with the plans and specifications.

B. Delaware Ditch Cleaning. Staff has been talking with Dakota County to do ditch cleaning in the ditch on the west side of Delaware south of Charlton Road. The County is working to clear the ditch this year but has determined that a driveway culvert may need to be cleaned or replaced in 2020. Staff will continue to monitor and coordinate with the County.

4. Anticipated Engineering/Public Works Activities for the Month of December.

No other Engineering/Public Works activities are anticipated for the month of December.

The above constitutes the Engineering Report for the City of Sunfish Lake for December 3, 2019.

Respectfully submitted,

WSB

Jeffry S. Sandberg, PE
City Engineer

Memorandum

To: **Honorable Mayor and City Council Members**
City of Sunfish Lake

From: **Jeff Sandberg, PE**
City Engineer

Date: **November 27, 2019**

Re: **2020 Mill and Overlay Project**

Background

As a part of the final design of the mill and overlay improvements, it is with deep regret that I need to advise that we have found an error in the calculation of the project cost that was identified in the project feasibility study and communicated at the November 5th Public Hearing. The error is to the magnitude that a revised feasibility study will be required, and another public hearing will be necessary.

We found a $46,800 error in the quantities that affects all three road projects. With the 10% contingency and 35% indirect costs added to the final cost estimate, that error is compounded and ends up adding $84,000 to the project's estimated cost. The $138,380 project in the feasibility study and as presented at the public hearing is now estimated at $222,000.

The estimating error was a mistake that I did not catch, and I sincerely apologize. I want to assure you that I am taking steps with my staff and within my company to ensure that this kind of thing does not happen again, and you can be confident that the figures we provide in the future are accurate.

I have had several discussions with Attorney Tim Kuntz regarding this issue. We have identified the following options for your consideration to move the maintenance projects forward.

Project Options

Option #1: Revise feasibility study for January 2020 meeting, hold new public hearing in February for the three mill and overlay projects. Construct all three projects in 2020.

Option #2: Revise feasibility study to include fewer streets for January meeting, hold new public hearing in February for a portion of the previously identified streets. Construct the new project in 2020 and defer the remaining street(s) to 2021.

Option #3: Defer the mill and overlay of all three streets to 2021.

Discussion

Staff had provided for a $138,000 project in the 2020 City budget. Option #1 should be ruled out as the city does not have the financing in place to complete a $222,000 project in 2020.

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Option #2 may be feasible if some combination of improvements can be determined to amount to close to $138,000. There may be a benefit to this option by securing 2020 unit prices. There are several negative possibilities with this option. First, because the project is smaller, we can expect higher unit pricing. Second, we will likely be bidding later in the season than we had originally intended, which could result in higher unit prices.

For Option #3, if we defer the maintenance on the three roads to 2021 we will have no maintenance projects in 2020 and will have a spike in maintenance projects in 2021. This may require that the city bonds for the 2021 improvements. Additionally, we are trying to keep our roads on a maintenance schedule and this will delay the maintenance of the roads by one season. I have discussed this with our pavement management group, and they do not feel this 1-year delay in maintenance will noticeably impact the pavement life of the roads.

If we defer the maintenance as outlined in Option #3, there are several potential benefits. First, we can combine these three road projects with the proposed 5 other mill and overlay projects programmed for 2021, as well as the reconstruction of Grieve Glen, as currently programmed in our 5-year CIP. We should expect to get better unit pricing on a larger scale project. Second, we have an opportunity to have all of these projects ready for bid in late 2020, meaning we may still be able to capitalize on 2020 pricing. Recall that we had an aggressive schedule for these projects to try to get the projects out for bid in December of this year. We have found that the first projects to bid seem to have better unit pricing. Having the projects ready for bid in December of next year may give us the same benefit.

If Option #3 is chosen, a review of the 5-year Capital Improvements Plan as well as bonding capacities of the city should be conducted in early 2020 to determine the capacity of the city to perform on all of the projects identified in the 2021 construction season or if projects need to be reprioritized and moved to future years to meet funding abilities.

Recommendation

Staff recommends Option #3 above, to defer the 2020 Mill and Overlay projects to the 2021 construction season.

ITEM 7b. ATTACHMENT 1B.

Memorandum

To: **Honorable Mayor and City Council Members**
City of Sunfish Lake

From: **Jeff Sandberg, PE**
City Engineer

Date: **November 27, 2019**

Re: **Dakota County 2040 Transportation Plan Update Meeting**

On November 18, 2019, SFL planning and engineering staff met with County Engineer Mark Krebsbach and County Planner Scott Peters at the Dakota County Western Service Center to discuss the County 2040 Transportation Plan.

Mr. Krebsbach explained that there have been no significant changes proposed from the plan that was discussed and reviewed with Sunfish Lake in 2010. Some planned improvements and connections in Inver Grove Heights have occurred, but nothing that would be impactful to Sunfish Lake. We discussed what the anticipated traffic counts would be for Delaware Avenue (the only County Road in Sunfish Lake) and other roads within the city with implementation of the 2040 plan. Mr. Krebsbach and Mr. Peters both stated that traffic numbers are projected to decrease, due in part to less dense development in surrounding areas of the County than was originally anticipated.

We were provided with a couple of figures (see attached) that show the anticipated roadways and connections south of Sunfish Lake in the 2040 plan (consistent with the 2010 plan). It was reiterated that no improvements to Delaware were anticipated at this time. After meeting with the County staff, I believe the County is in alignment with the long-range planning of Sunfish Lake.

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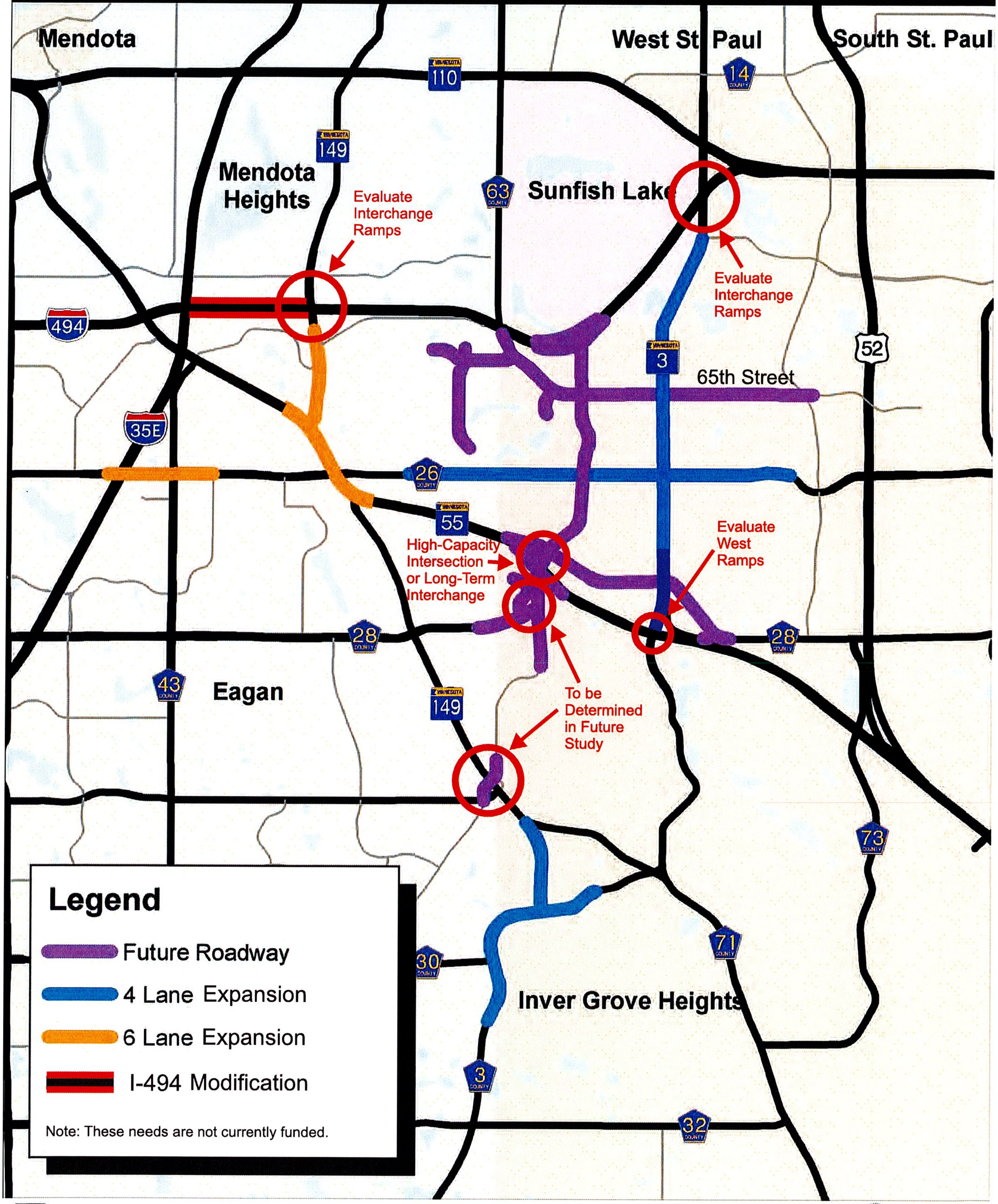
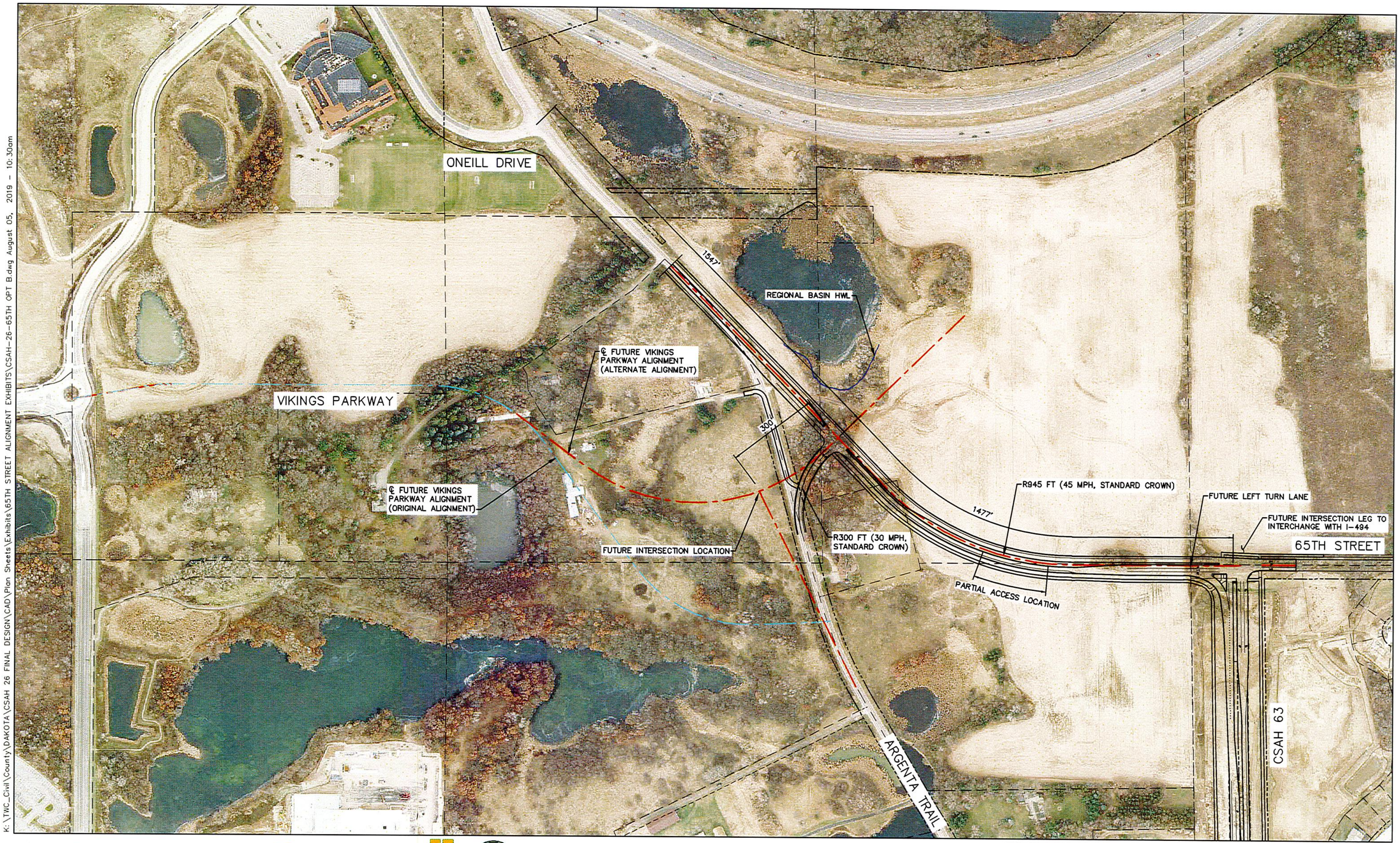

Mendota
West St Paul
South St. Paul
110
14
149
Mendota Heights
Evaluate Interchange Ramps
63
Sunfish Lake
Evaluate Interchange Ramps
494
52
3
65th Street
35E
26
55
High-Capacity Intersection or Long-Term Interchange
Evaluate West Ramps
28
28
43
Eagan
149
To be Determined in Future Study
73
71
30
Inver Grove Heights
3
32
Legend
Future Roadway
4 Lane Expansion
6 Lane Expansion
I-494 Modification
Note: These needs are not currently funded.



Kimley»Horn Dakota County Inver Grove Heights City of Eagan

CSAH 26 FINAL DESIGN
OPTION B

NORTH

0 150 300
SCALE HORIZONTAL IN FEET

K:\TWC_Civil\County\DAKOTA\CSAH 26 FINAL DESIGN\CAD\Plan Sheets\Exhibits\65TH STREET ALIGNMENT EXHIBITS\CSAH-26-65TH OPT B.dwg August 05, 2019 - 10:30am

ITEM 7b. ATTACHMENT 1C.

Memorandum

To: **Honorable Mayor and City Council Members**
City of Sunfish Lake

From: **Jeff Sandberg, PE**
City Engineer

Date: **November 27, 2019**

Re: **Pay Request #4 – Charlton Road Reconstruction Project**

Attached for City Council consideration is the pay request #4 for the Charlton Road Reconstruction project in the amount of $73,394.81. The city is retaining $38,339.83 (5% of the work certified to date) and will have paid $728,456.76 upon approval of this pay request.

Staff has determined that the project is completed in accordance with the final plans and specifications. The contractor was not able to provide the documentation of their final pay request for the December meeting. We expect that the final pay request will come before the City Council at their January meeting.

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CITY OF SUNFISH LAKE

15 Sunnyside Lane
Sunfish Lake, MN 55118
Project 01629-741 - Charlton Road Improvements
Pay Voucher No. 4

Contractor: Valley Paving
8800 13th Ave E.
Shakopee, MN 55379

Contract No.
Vendor No. .
For Period: 10/22/2019 - 11/25/2019
Warrant # __________ Date __________

Contract Amounts

Original Contract	$816,645.67
Contract Changes	$5,607.53
Revised Contract	$822,253.20

Work Certified To Date

Base Bid Items	$761,189.06
Backsheet	$5,607.53
Change Order	$0.00
Supplemental Agreement	$0.00
Work Order	$0.00
Material On Hand	$0.00
Total	$766,796.59

Funds Encumbered

Original	$816,645.67
Additional	N/A
Total	$816,645.67

	Work Certified This Pay Voucher	Work Certified To Date	Less Amount Retained	Less Previous Payments	Amount Paid This Pay Voucher	Total Amount Paid To Date
01629-741	$77,257.70	$766,796.59	$38,339.83	$655,061.95	$73,394.81	$728,456.76
			Percent Retained: 5.0000%			Percent Complete: 93.2555%
				Amount Paid This Pay Voucher	**$73,394.81**	

This is to certify that the items of work shown in this certificate of Pay Voucher have been actually furnished for the work comprising the above mentioned projects in accordance with the plans and specifications heretofore approved.

Approved By

City Engineer

11-26-19
Date

Project Engineer/Construction Observer

11/26/2019
Date

Approved By Valley Paving

Contractor

11/26/19
Date

Mayor

Date

CITY OF SUNFISH LAKE
15 Sunnyside Lane
Sunfish Lake, MN 55118
Project No. 01629-741
Pay Voucher No. 4

01629-741 Payment Summary

No.	From Date	To Date	Work Certified Per Pay Voucher	Amount Retained Per Pay Voucher	Amount Paid Per Pay Voucher
1	07/01/2019	07/31/2019	$162,639.44	$8,131.97	$154,507.47
2	08/01/2019	08/31/2019	$264,878.96	$13,243.95	$251,635.01
3	09/01/2019	10/21/2019	$262,020.49	$13,101.02	$248,919.47
4	10/22/2019	11/25/2019	$77,257.70	$3,862.89	$73,394.81
		Totals:	**$766,796.59**	**$38,339.83**	**$728,456.76**

01629-741 Funding Category Report

Funding Category No.	Work Certified To Date	Less Amount Retained	Less Previous Payments	Amount Paid This Pay Voucher	Total Amount Paid To Date
UNF	766,796.56	38,339.83	655,061.94	73,394.79	728,456.73
Totals:	**$766,796.56**	**$38,339.83**	**$655,061.94**	**$73,394.79**	**$728,456.73**

01629-741 Funding Source Report

Accounting No.	Funding Source	Amount Paid This Pay Voucher	Revised Contract Amount	Funds Encumbered To Date	Paid To Contractor To Date
UNF	Unfunded	73,394.79	822,253.19	816,645.66	728,456.73
	Totals:	**$73,394.79**	**$822,253.19**	**$816,645.66**	**$728,456.73**

CITY OF SUNFISH LAKE
15 Sunnyside Lane
Sunfish Lake, MN 55118
Project No. 01629-741
Pay Voucher No. 4

01629-741 Project Material Status

Line	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Pay Voucher	Amount This Pay Voucher	Quantity To Date	Amount To Date
Base Bid									
1	2021.501	MOBILIZATION	LS	$2,500.00	1	0	$0.00	1	$2,500.00
2	2101.505	CLEARING	ACRE	$6,950.00	1.4	0	$0.00	1.4	$9,730.00
3	2101.505	GRUBBING	ACRE	$1,100.00	1.4	0	$0.00	1.4	$1,540.00
4	2104.502	REMOVE HYDRANT	EACH	$1,175.00	1	0	$0.00	1	$1,175.00
5	2104.502	REMOVE SIGN TYPE C	EACH	$36.23	11	0	$0.00	11	$398.53
6	2104.502	REMOVE SIGN TYPE SPECIAL	EACH	$41.40	3	0	$0.00	3	$124.20
7	2104.502	SALVAGE SIGN TYPE SPECIAL	EACH	$41.40	2	0	$0.00	2	$82.80
8	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	L F	$10.75	4	0	$0.00	4	$43.00
9	2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	L F	$3.20	282	0	$0.00	227	$726.40
10	2104.503	REMOVE PIPE CULVERTS	L F	$10.00	970	0	$0.00	687	$6,870.00
11	2104.503	REMOVE CURB & GUTTER	L F	$9.50	80	0	$0.00	101	$959.50
12	2104.503	REMOVE CABLE GUARDRAIL	L F	$8.00	150	0	$0.00	155	$1,240.00
13	2104.504	REMOVE BITUMINOUS PAVEMENT	S Y	$6.15	983	221.31	$1,361.06	609.77	$3,750.09
14	2105.504	GEOTEXTILE FABRIC TYPE 5	S Y	$1.15	1600	0	$0.00	1734	$1,994.10
15	2105.507	COMMON EXCAVATION	C Y	$20.15	3239	1374.83	$27,702.82	2588.17	$52,151.63
16	2105.507	SUBGRADE EXCAVATION	C Y	$22.35	913	577	$12,895.95	973	$21,746.55
17	2105.507	CHANNEL AND POND EXCAVATION	C Y	$39.50	500	101.69	$4,016.76	373.55	$14,755.23
18	2105.507	SELECT GRANULAR BORROW (CV)	C Y	$21.95	1084	0	$0.00	702.5	$15,419.88
19	2105.607	CLAY LINED DITCH	C Y	$38.75	175	0	$0.00	120	$4,650.00
20	2112.519	SUBGRADE PREPARATION	RDST	$275.00	34	0	$0.00	34	$9,350.00
21	2118.507	AGGREGATE SURFACING (CV) CLASS 2	C Y	$63.27	174	2.58	$163.24	41.58	$2,630.77
22	2211.507	AGGREGATE BASE (CV) CLASS 5	C Y	$28.85	1038	158.86	$4,583.11	1888.06	$54,470.53
		DRILL & GROUT							

CITY OF SUNFISH LAKE
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01629-741 Project Material Status

Line	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Pay Voucher	Amount This Pay Voucher	Quantity To Date	Amount To Date
23	2301.602	REINF BAR (EPOXY COATED)	EACH	$20.70	4	0	$0.00	4	$82.80
24	2360.504	TYPE SP 12.5 WEAR CRS MIX(3;C)2.5" THICK	S Y	$23.59	239	0	$0.00	561	$13,233.99
25	2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	$70.71	2012	57.94	$4,096.94	1909.04	$134,988.22
26	2451.607	PIPE BEDDING MATERIAL	C Y	$70.97	92	0	$0.00	137.01	$9,723.60
27	2501.502	15" GS PIPE APRON	EACH	$460.00	7	0	$0.00	7	$3,220.00
28	2501.502	18" GS PIPE APRON	EACH	$485.00	6	0	$0.00	6	$2,910.00
29	2501.502	15" RC PIPE APRON	EACH	$1,175.00	3	0	$0.00	3	$3,525.00
30	2501.502	18" RC PIPE APRON	EACH	$1,350.00	2	0	$0.00	2	$2,700.00
31	2501.502	24" RC PIPE APRON	EACH	$1,300.00	2	0	$0.00	2	$2,600.00
32	2501.502	18" RC SAFETY APRON	EACH	$1,125.00	2	0	$0.00	2	$2,250.00
33	2501.503	15" CP PIPE CULVERT	L F	$44.55	278	0	$0.00	283	$12,607.65
34	2501.503	15" CS PIPE CULVERT	L F	$43.22	104	0	$0.00	106	$4,581.32
35	2501.503	18" CS PIPE CULVERT	L F	$46.02	115	0	$0.00	118	$5,430.36
36	2502.502	4" PRECAST CONCRETE HEADWALL	EACH	$583.55	1	0	$0.00	1	$583.55
37	2502.503	4" TP PIPE DRAIN	L F	$75.00	40	12.25	$918.75	18.25	$1,368.75
38	2502.503	4" PERF PE PIPE DRAIN	L F	$7.55	941	0	$0.00	911	$6,878.05
39	2503.503	15" RC PIPE SEWER DES 3006 CL V	L F	$64.50	662	0	$0.00	657	$42,376.50
40	2503.503	18" RC PIPE SEWER DES 3006 CL III	L F	$64.00	491	38	$2,432.00	491	$31,424.00
41	2503.503	24" RC PIPE SEWER DES 3006 CL III	L F	$78.00	36	0	$0.00	40	$3,120.00
42	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	$1,000.00	1	0	$0.00	1	$1,000.00
43	2503.603	VIDEO TAPE PIPE SEWER	L F	$4.15	1350	409	$1,697.35	818	$3,394.70
44	2504.602	HYDRANT	EACH	$6,250.00	1	0	$0.00	1	$6,250.00
45	2504.602	ADJUST VALVE BOX-WATER	EACH	$650.00	1	1	$650.00	1	$650.00
46	2504.602	CONNECT TO EXISTING WATER	EACH	$1,000.00	1	0	$0.00	1	$1,000.00

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Line	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Pay Voucher	Amount This Pay Voucher	Quantity To Date	Amount To Date
		MAIN							
47	2504.603	6" WATERMAIN DUCTILE IRON CL 52	L F	$115.00	6	0	$0.00	6	$690.00
48	2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 1	EACH	$2,550.00	11	0	$0.00	11	$28,050.00
49	2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 2	EACH	$3,650.00	1	0	$0.00	1	$3,650.00
50	2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 3	EACH	$16,250.00	1	0	$0.00	1	$16,250.00
51	2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 4	EACH	$23,400.00	1	0	$0.00	1	$23,400.00
52	2506.502	CASTING ASSEMBLY	EACH	$590.00	14	4	$2,360.00	14	$8,260.00
53	2506.502	ADJUST FRAME & RING CASTING	EACH	$1,050.00	2	0	$0.00	2	$2,100.00
54	2506.503	CONST DRAINAGE STRUCTURE DESIGN H	L F	$495.00	10.5	3.2	$1,584.00	6.7	$3,316.50
55	2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-48	L F	$705.00	6.7	0.71	$500.55	5.5	$3,877.50
56	2506.503	CONST DRAINAGE STRUCTURE DES 48-4020	L F	$465.00	52.9	2.72	$1,264.80	44.2	$20,553.00
57	2511.504	GEOTEXTILE FILTER TYPE 4	S Y	$3.53	245.7	60	$211.80	298.23	$1,052.75
58	2511.507	RANDOM RIPRAP CLASS II (FIELDSTONE)	C Y	$126.00	6	0	$0.00	0	$0.00
59	2511.507	RANDOM RIPRAP CLASS III (FIELDSTONE)	C Y	$126.00	119.5	14	$1,764.00	80.95	$10,199.70
60	2531.503	CONCRETE CURB & GUTTER DESIGN B612	L F	$16.66	241	0	$0.00	241	$4,015.06
61	2531.503	CONCRETE CURB & GUTTER DESIGN D412	L F	$12.58	3643	0	$0.00	3538	$44,508.04
62	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	S Y	$77.63	99	0	$0.00	0	$0.00
63	2540.602	MAIL BOX SUPPORT TYPE 1	EACH	$440.00	22	1.5	$660.00	10.5	$4,620.00

CITY OF SUNFISH LAKE
15 Sunnyside Lane
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Project No. 01629-741
Pay Voucher No. 4

01629-741 Project Material Status

Line	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Pay Voucher	Amount This Pay Voucher	Quantity To Date	Amount To Date
64	2540.602	MAIL BOX SUPPORT TYPE SPECIAL	EACH	$800.00	1	0	$0.00	3	$2,400.00
65	2554.502	GUIDE POST TYPE B	EACH	$67.28	9	9	$605.52	9	$605.52
66	2563.601	TRAFFIC CONTROL	LS	$18,500.00	1	0	$0.00	1	$18,500.00
67	2564.502	INSTALL SIGN PANEL TYPE SPECIAL	EACH	$103.50	2	0	$0.00	2	$207.00
68	2564.518	SIGN PANELS TYPE C	S F	$36.23	105	0	$0.00	105	$3,804.15
69	2564.518	SIGN PANELS TYPE SPECIAL	S F	$38.81	37.39	6	$232.86	37.39	$1,451.11
70	2573.501	STABILIZED CONSTRUCTION EXIT	LS	$4,700.00	1	0	$0.00	0	$0.00
71	2573.502	STORM DRAIN INLET PROTECTION	EACH	$175.00	23	6	$1,050.00	21	$3,675.00
72	2573.502	CULVERT END CONTROLS	EACH	$150.00	9	0	$0.00	8	$1,200.00
73	2573.503	SILT FENCE; TYPE MS	L F	$1.76	4370	0	$0.00	740	$1,302.40
74	2573.503	FLOTATION SILT CURTAIN TYPE STILL WATER	L F	$16.56	60	0	$0.00	50	$828.00
75	2573.503	SEDIMENT CONTROL LOG TYPE STRAW	L F	$2.85	1750	400	$1,140.00	760	$2,166.00
76	2574.507	COMMON TOPSOIL BORROW	C Y	$42.60	423	114	$4,856.40	657	$27,988.20
77	2574.508	FERTILIZER TYPE 3	LB	$0.62	678	0	$0.00	712	$441.44
78	2575.504	SODDING TYPE LAWN	S Y	$5.38	1725	0	$0.00	1065	$5,729.70
79	2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	S Y	$1.28	6524	0	$0.00	6815	$8,723.20
80	2575.504	TURF REINFORCEMENT MAT CATEGORY 3	S Y	$14.49	73	0	$0.00	0	$0.00
81	2575.504	RAPID STABILIZATION METHOD 4	S Y	$2.07	2875	0	$0.00	0	$0.00
82	2575.505	SEEDING	ACRE	$129.38	2.2	0	$0.00	2	$258.76
83	2575.508	SEED MIXTURE 25-121	LB	$3.93	37	0	$0.00	44	$172.92
84	2575.508	SEED MIXTURE 33-261	LB	$36.23	1	0	$0.00	1	$36.23

CITY OF SUNFISH LAKE
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Pay Voucher No. 4

01629-741 Project Material Status

Line	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Pay Voucher	Amount This Pay Voucher	Quantity To Date	Amount To Date
85	2575.508	SEED MIXTURE 34-181	LB	$310.50	1	0	$0.00	1	$310.50
86	2575.508	SEED MIXTURE 35-241	LB	$17.45	48	0	$0.00	53	$924.85
87	2575.508	HYDRAULIC STABILIZED FIBER MATRIX	LB	$1.04	1874	0	$0.00	1800	$1,872.00
88	2582.503	12" SOLID LINE MULTI COMP (YELLOW)	L F	$21.74	20	0	$0.00	43	$934.82
89	2582.503	4" DOUBLE SOLID LINE MULTI COMP (YELLOW)	L F	$5.13	250	0	$0.00	177	$908.01
					Totals For Section Base Bid:		**$76,747.91**		**$761,189.06**
Backsheet 1									
90	2531.503	CONCRETE CURB & GUTTER DESIGN D412	L F	$48.55	105	0	$0.00	105	$5,097.75
					Totals For Backsheet 1:		**$0.00**		**$5,097.75**
Backsheet 2									
91	2531.503	CONCRETE CURB & GUTTER DESIGN D412	L F	$48.55	10.5	10.5	$509.78	10.5	$509.78
					Totals For Backsheet 2:		**$509.78**		**$509.78**
					Project Totals:		**$77,257.69**		**$766,796.59**

01629-741 Contract Changes

No.	Type	Date	Explanation	Estimated Amount	Amount Paid To Date
BK1	Backsheet	10/21/2019	Installed D412 concrete curb and gutter with high early concrete.	$5,097.75	$5,097.75
BK2	Backsheet	11/20/2019	Additional curb.	$509.78	$509.78
			Contract Change Totals:	**$5,607.53**	**$5,607.53**

wsb

Memorandum

To: **Honorable Mayor and City Council Members**
City of Sunfish Lake

From: **Jeff Sandberg, PE**
City Engineer

Date: **November 27, 2019**

Re: **Request to Replace Fire Marker Sign for the properties at 2120 thru 2150 Charlton Road**

Earlier this year, the city council directed staff to replace fire markers around the city that were damaged or missing. The council chose this option in lieu of replacing every marker throughout the city due to the substantial cost difference. While the new markers were two sided, it was determined that the one-sided markers that were in place and visible from the road were adequate for purposes of first-responders.

This summer, a resident on Charlton Road notified staff that all of the fire markers on the street had been replaced with new except for the marker that designated the properties for 2120 thru 2150 Charlton Road (1 marker for all 5 properties). Staff did get a quote for fabrication and installation of a new marker from our original sign contractor, which is attached. The amount comes to $239.75 for a new double- sided marker to be installed yet this season.

As a part of the road project, the contractor relocated the existing marker to be closer to Charlton Road and be more visible. While staff feels the marker is visible from the road, it is faded and not nearly as visible (especially at night) as the new fire markers. It should be noted that the residents were cooperative in granting easements for the Charlton Road project. Considering that this marker designates 5 properties, as a token of appreciation for the cooperation and dedication of easements, staff is recommending approval of the expenditure of $239.75 for the replacement of the shared fire marker for these 5 residents. This would be funded through the city's street sign replacement fund.

701 XENIA AVENUE S | SUITE 300 | MINNEAPOLIS, MN | 55416 | 763.541.4800 | WSBENG.COM

Advantage Signs & Graphics, Inc
75 S Owasso Blvd W
St. Paul, MN 55117
651-636-9998

DATE 6/19/2019

ESTIMATE # 00038673

Prepared For:

WSB
Joe Feuerstein
612-210-9999

Prepared By:

Erin Benesch
651-636-6511
erin@advansign.com

QTY.	ITEM NO.	DESCRIPTION	PRICE	EXTENDED	TX.
1	225	HIP RSAL Signs 15x18 Double Sided Fire Number 435 Thru 439	$93.80	$93.80	
1	UP-GAL6-2	6' 2lb Galvanized Channel Post	$20.95	$20.95	
1	555	Installation	$125.00	$125.00	

Please note that a 2% Credit Card Fee will apply to all orders over $500.

By my signature, I authorize work to begin and agree to pay the amount in full according to the terms of this agreement:

SALE AMT.	$239.75	
FREIGHT	$0.00	X
SALES TAX	$0.00	
TOTAL AMT.	$239.75	
PAID TODAY	$0.00	
BALANCE DUE	$239.75	

Signature **Date**

Size: 15"x18"
Qty: X
Corner Radius: X

Substrate: Alum
Material/Details: HIP White Rerflective
File: Advan/Proofs/2019/ WSB 6-17-19

CHECK PROOF CAREFULLY for discrepancies in color, size, orientation, material, finishing, and appearance. Please do not assume that spelling or grammer are correct. Your signature let's us know that you have looked carefully at the drawings and have found no errors. All layouts and drawings are the property of Advantage Signs & Graphics, Inc.

Approved by: ____________________

Approval by email or phone is equal to a signature.