Item 7b.

Sunfish Lake Engineer's Report for October 5, 2021

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

Date: **September 29, 2021**

---

1. Engineering Activities Undertaken in the Month of September

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

A. 2021 Capital Improvement Projects – Construction on Sunnyside Lane, Angell Road, Zehnder Road, and Grieve Glen Lane was substantially completed by September 15th. One localized soft spot in Zehnder Road will be cut out and repaired. Final restoration and other minor work will be completed in the month of October.

B. 2021 Capital Improvement Projects Pay Request #2 – Staff has prepared the Partial Pay Request #2 for work completed in September (see Attachment 1B).

C. Salem Church Road and Delaware Intersection Improvements – Dakota County's contractor was scheduled to complete the work on September 19th. Staff has alerted the County about the poorly finished road surface on Salem Church Road, and is working with Dakota County on an appropriate solution. This will extend the final completion into October.

D. City Lake Pumping – Water was not flowing from any of the City lakes in September. Additionally, there are no active water pumping permits in the city (no permits have been issued in 2021).

E. Demolition Permit – Staff collaborated on a checklist for demolition permits.

2. Building and Site Reviews in the Month of September

A. Staff conducted reviews for the following properties in September:
   - 100 Windy Hill Road: Site erosion controls were inspected and confirmed to be in place.
   - 2150 Charlton Road: Staff has been providing guidance to the contractor regarding improvements that may be permitted within a critical shoreland setback. An application is expected to be submitted for review.
   - 2 Acorn Drive: Staff has been communicating with the applicant regarding our development process, and a formal application is expected soon.
   - 369 Salem Church Road: An as-built survey is expected, and a staff site visit will follow as part of the Certificate of Occupancy process.

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

- 39 Windy Hill Road: An as-built survey is expected, and a staff site visit will follow as part of the Certificate of Occupancy process.

3. Public Works Activities Undertaken in the Month of September

A. No Public Works activities were performed in September.

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

A. In past years, request for proposals from snowplowing contractors have been advertised in September. We are entering year two of a three year contract with our current snowplow contractor, so no further action is required for the 2021/2022 snow plow season which begins in November.

The above constitutes the Engineering Report for the City of Sunfish Lake for October 5, 2021.

Respectfully submitted,

Jeffry S. Sandberg, PE
City Engineer

City of Sunfish Lake Capital Improvement Projects

Pay Voucher 2

wsb

Client: City of Sunfish Lake 15 Sunnyside Lane Sunfish Lake, MN 55118	**Contractor:** Bituminous Roadways, Inc. 1520 Commerce Drive Mendota Heights, MN 55120

WSB Project No.: 014460-000
Client Project No.: 2021-01, 2021-02, 2021-03, & 2021-04
State Project No.:
Federal Project No.:

Contract Amount		**Funds Encumbered**	
Original Contract	$406,021.20	Original	$406,021.20
Contract Changes	$0.00	Additional	N/A
Revised Contract	$406,021.20	Total	$406,021.20

Work Certified To Date	
Base Bid Items	$319,442.65
Contract Changes	$0.00
Material On Hand	$0.00
Total	$319,442.65

Work Certified This Voucher	Work Certified To Date	Less Amount Retained	Less Previous Payments	Amount Paid This Voucher	Total Amount Paid To Date
$142,132.15	$319,442.65	$15,972.13	$168,444.97	$135,025.55	$303,470.52
		Percent Retained: 5%			Percent Complete: 78.68%

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

Approved By WSB

Jeffrey J. Sandberg

Project Engineer

September 28, 2021

Date

Approved By Bituminous Roadways, Inc.

Name

9/29/21

Date

Approved By City of Sunfish Lake

Name

Date

Payment Summary				
No.	**Up Through Date**	**Work Certified Per Voucher**	**Amount Retained Per Voucher**	**Amount Paid Per Voucher**
1	08/31/21	$177,310.50	$8,865.53	$168,444.97
2	09/28/21	$142,132.15	$7,106.60	$135,025.55

Funding Category Name	Work Certified To Date	Less Amount Retained	Less Previous Payments	Amount Paid This Voucher	Total Amount Paid To Date
014460-000 Source 1	$319,442.65	$15,972.13	$168,444.97	$135,025.55	$303,470.52

Accounting Number	Funding Source	Amount Paid This Voucher	Revised Contract Amount	Funds Encumbered To Date	Paid Contractor To Date
014460-000 Funding Source 1	Local	$135,025.55			$303,470.52

Contract Item Status

Line No.	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Voucher	Amount This Voucher	Quantity To Date	Amount To Date
1	2021.501	MOBILIZATION	LS	$11,066.00	1	0	$0.00	1	$11,066.00
2	2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	L F	$3.90	30	0	$0.00	0	$0.00
3	2104.602	SALVAGE AND REINSTALL MAILBOX	EACH	$210.00	5	0	$0.00	0	$0.00
4	2106.507	EXCAVATION - COMMON	C Y	$75.00	10	0	$0.00	0	$0.00
5	2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	$182.00	10	0	$0.00	0	$0.00
6	2130.523	WATER	MGAL	$88.50	20	0	$0.00	0	$0.00
7	2211.509	AGGREGATE BASE CLASS 5	TON	$24.00	10	0	$0.00	0	$0.00
8	2232.504	FULL DEPTH RELCAMATION	SY	$1.80	3810	0	$0.00	3810	$6,858.00
9	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	$3.60	390	0	$0.00	200	$720.00
10	2360.509	TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	$73.50	360	0	$0.00	300	$22,050.00
11	2360.509	TYPE SP 9.5 NON WEARING COURSE MIX (2,C)	TON	$69.50	600	0	$0.00	496	$34,472.00
12	2501.602	CLEAN PIPE CULVERT	EACH	$177.00	4	0	$0.00	2	$354.00
13	2563.601	TRAFFIC CONTROL	LS	$3,464.00	1	0	$0.00	1	$3,464.00
14	2573.503	SILT FENCE, TYPE MS	L F	$3.90	250	0	$0.00	0	$0.00
15	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	L F	$5.00	250	0	$0.00	120	$600.00
16	2574.507	BOULEVARD TOPSOIL BORROW	C Y	$49.00	29	28	$1,372.00	28	$1,372.00

Contract Item Status

Line No.	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Voucher	Amount This Voucher	Quantity To Date	Amount To Date
17	2575.604	SITE RESTORATION	S Y	$7.70	200	279	$2,148.30	279	$2,148.30
18	2021.501	MOBILIZATION	LS	$11,066.00	1	0	$0.00	1	$11,066.00
19	2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	L F	$3.90	80	0	$0.00	0	$0.00
20	2104.602	SALVAGE AND REINSTALL MAILBOX	EACH	$210.00	5	0	$0.00	0	$0.00
21	2106.507	EXCAVATION - COMMON	C Y	$74.00	10	4.4	$325.60	4.4	$325.60
22	2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	$182.00	10	0	$0.00	0	$0.00
23	2130.523	WATER	MGAL	$88.50	20	0	$0.00	0	$0.00
24	2211.509	AGGREGATE BASE CLASS 5	TON	$23.00	10	7.9	$181.70	7.9	$181.70
25	2232.504	FULL DEPTH RELCAMATION	SY	$3.50	1360	0	$0.00	1360	$4,760.00
26	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	$3.60	140	0	$0.00	0	$0.00
27	2360.509	TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	$80.50	130	106	$8,533.00	106	$8,533.00
28	2360.509	TYPE SP 9.5 NON WEARING COURSE MIX (2,C)	TON	$69.50	220	177	$12,301.50	177	$12,301.50
29	2501.602	CLEAN PIPE CULVERT	EACH	$177.00	4	0	$0.00	0	$0.00
30	2563.601	TRAFFIC CONTROL	LS	$3,464.00	1	0	$0.00	1	$3,464.00
31	2573.503	SILT FENCE, TYPE MS	L F	$3.90	250	0	$0.00	0	$0.00
32	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	L F	$5.00	250	0	$0.00	0	$0.00
33	2574.507	BOULEVARD TOPSOIL BORROW	C Y	$49.00	29	28	$1,372.00	28	$1,372.00
34	2575.604	SITE RESTORATION	S Y	$7.70	200	156	$1,201.20	156	$1,201.20
35	2021.501	MOBILIZATION	LS	$11,839.00	1	0	$0.00	1	$11,839.00
36	2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	L F	$3.90	120	0	$0.00	0	$0.00
37	2104.602	SALVAGE AND REINSTALL MAILBOX	EACH	$210.00	5	0	$0.00	0	$0.00
38	2106.507	EXCAVATION - COMMON	C Y	$75.00	10	0	$0.00	0	$0.00
39	2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	$182.00	10	0	$0.00	0	$0.00

Contract Item Status

Line No.	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Voucher	Amount This Voucher	Quantity To Date	Amount To Date
40	2130.523	WATER	MGAL	$88.50	20	0	$0.00	0	$0.00
41	2211.509	AGGREGATE BASE CLASS 5	TON	$23.00	10	0	$0.00	0	$0.00
42	2232.504	MILL BITUMINOUS SURFACE (2.5")	S Y	$2.20	3810	0	$0.00	3810	$8,382.00
43	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	$3.60	390	0	$0.00	225	$810.00
44	2360.509	TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	$73.50	640	0	$0.00	419	$30,796.50
45	2501.602	CLEAN PIPE CULVERT	EACH	$177.00	3	0	$0.00	2	$354.00
46	2531.618	BITUMINOUS SPEED HUMP	SF	$7.20	176	180	$1,296.00	180	$1,296.00
47	2563.601	TRAFFIC CONTROL	LS	$3,464.00	1	0	$0.00	1	$3,464.00
48	2573.503	SILT FENCE, TYPE MS	L F	$3.90	150	0	$0.00	0	$0.00
49	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	L F	$5.00	150	0	$0.00	60	$300.00
50	2574.507	BOULEVARD TOPSOIL BORROW	C Y	$49.00	15	14	$686.00	14	$686.00
51	2575.604	SITE RESTORATION	S Y	$7.70	100	280	$2,156.00	280	$2,156.00
52	2582.503	12" SOLID LINE PAINT	L F	$2.20	40	0	$0.00	0	$0.00
53	2021.501	MOBILIZATION	LS	$11,066.00	1	0	$0.00	1	$11,066.00
54	2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	L F	$3.90	30	29	$113.10	29	$113.10
55	2104.602	SALVAGE AND REINSTALL MAILBOX	EACH	$210.00	5	0	$0.00	0	$0.00
56	2105.504	GEOTEXTILE FABRIC TYPE 5	S Y	$1.60	3980	4283	$6,852.80	4283	$6,852.80
57	2106.507	EXCAVATION - COMMON	C Y	$22.00	663	663	$14,586.00	663	$14,586.00
58	2106.507	EXCAVATION - SUBGRADE	C Y	$22.00	215	83.1	$1,828.20	83.1	$1,828.20
59	2106.507	SELECT GRANULAR EMBANKMENT	CY	$19.00	215	83.1	$1,578.90	83.1	$1,578.90
60	2112.519	SUBGRADE PREPARATION	RDST	$383.00	14	0	$0.00	0	$0.00
61	2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	$182.00	10	0	$0.00	0	$0.00
62	2130.523	WATER	MGAL	$88.50	20	0	$0.00	0	$0.00
63	2211.509	AGGREGATE BASE CLASS 5	TON	$23.50	10	0	$0.00	0	$0.00

Contract Item Status

Line No.	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Voucher	Amount This Voucher	Quantity To Date	Amount To Date
64	2215.504	FULL DEPTH RECLAMATION	S Y	$1.80	3980	0	$0.00	3980	$7,164.00
65	2215.507	HAUL FULL DEPTH RECLAMATION (LV)	C Y	$19.50	730	730	$14,235.00	730	$14,235.00
66	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	$3.60	200	225	$810.00	225	$810.00
67	2360.509	TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	$73.50	380	331	$24,328.50	331	$24,328.50
68	2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (2,C)	TON	$69.50	620	602.5	$41,873.75	602.5	$41,873.75
69	2501.602	CLEAN PIPE CULVERT	EACH	$177.00	7	0	$0.00	0	$0.00
70	2563.601	TRAFFIC CONTROL	LS	$4,261.00	1	0	$0.00	1	$4,261.00
71	2573.503	SILT FENCE, TYPE MS	L F	$3.90	250	0	$0.00	0	$0.00
72	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	L F	$5.00	250	0	$0.00	0	$0.00
73	2574.507	BOULEVARD TOPSOIL BORROW	C Y	$49.00	108	42	$2,058.00	42	$2,058.00
74	2575.604	SITE RESTORATION	S Y	$7.70	750	298	$2,294.60	298	$2,294.60
Bid Totals:							**$142,132.15**		**$319,442.65**

Project Category Totals

Category	Amount This Voucher	Amount To Date
SCHEDULE A. SUNNYSIDE LANE IMPROVEMENTS	$3,520.30	$83,104.30
SCHEDULE B. ZEHNDER ROAD IMPROVEMENTS	$23,915.00	$43,205.00
SCHEDULE C. ANGELL ROAD MILL AND OVERLAY	$4,138.00	$60,083.50
SCHEDULE D. GRIEVE GLEN LANE IMPROVEMENTS	$110,558.85	$133,049.85

Contract Change Item Status

CC	CC No.	Line No.	Item	Description	Units	Unit Price	Contract Quantity	Quantity This Voucher	Amount This Voucher	Quantity To Date	Amount To Date
Contract Change Totals:											

Contract Change Totals

No.	Contract Change	Description	Amount This Voucher	Amount To Date

Material On Hand Additions					
Line No.	Item	Description	Date	Added	Comments

Material On Hand Balance						
Line No.	Item	Description	Date	Added	Used	Remaining