



DATE: November 16, 2021
CONSENT

AGENDA ITEM: Accept Improvements and Approve Pay Request No. 3 (Final) for the 2021 Mill and Overlay Project

SUBMITTED BY: Mike Rusenovich, Project Engineer

REVIEWED BY: Kristina Handt, City Administrator
Marty Powers, Public Works Director
Jack Griffin, City Engineer

ISSUE BEFORE COUNCIL: Should the City Council accept the improvements and approve Pay Request No. 3 (Final) for the 2021 Mill and Overlay Project?

BACKGROUND: Asphalt Surface Technologies was awarded a construction contract on March 3, 2021 to complete the 2021 Mill and Overlay Project. The contractor has completed the work in accordance with the contract, plans, and specifications, including all punch list items.

PROPOSAL DETAILS/ANALYSIS: Asphalt Surface Technologies has submitted Partial Pay Request No. 3 (Final) in the amount of \$22,558.27. The Project Engineer has prepared a Certificate of Completion indicating that all work is completed, including all punch list items, and is recommending the acceptance of the improvements and release of final retainage. Project acceptance will initiate the one-year warranty period for the improvements. The one-year warranty will begin on November 16, 2021 and will extend through November 16, 2022.

FISCAL IMPACT: The final total construction cost is \$399,200.48. This is 16% over the original contract amount of \$343,603.94. During construction, additional contract quantities were needed to address pedestrian ramps at locations where the trails intersected the street. In addition, additional full depth patching work was required to address failing pavement sections. The overall street maintenance work is projected to remain within the 2021 street maintenance budget.

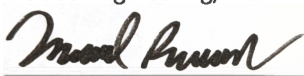

RECOMMENDATION: Staff is recommending that the City Council, *as part of the Consent Agenda*, accept the improvements and approve Pay Request No. 3 (Final) for the 2021 Mill and Overlay Project. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to accept the 2021 Mill and Overlay Project and approve Pay Request No. 3 (Final) to Minnesota Paving and Materials in the amount of \$22,558.27”.

ATTACHMENTS:

1. Partial Pay Estimate No. 3 (Final).
2. Certificate of Completion.

PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>3 (FINAL)</u>			FOCUS ENGINEERING, inc.		
2021 MILL AND OVERLAY PROJECT PROJECT NO. 2021.110			PERIOD OF ESTIMATE FROM <u>7/1/2021</u> TO <u>8/25/2021</u>		
PROJECT OWNER: CITY OF LAKE ELMO 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER			CONTRACTOR: ASPHALT SURFACE TECHNOLOGIES CORPORATION P.O. BOX 1025 ST CLOUD, MN 56302 ATTN: LANDON BEMBOOM, PROJECT FOREMAN		
CONTRACT CHANGE ORDER SUMMARY			PAY ESTIMATE SUMMARY		
No.	Approval Date	Amount			
		Additions	Deductions		
1	6/15/2021	\$15,930.00		1. Original Contract Amount	\$343,603.94
2 (CCO)	11/16/2021	\$39,666.54		2. Net Change Order Sum	\$55,596.54
				3. Revised Contract (1+2)	\$399,200.48
				4. *Work Completed	\$399,200.48
				5. *Stored Materials	\$0.00
				6. Subtotal (4+5)	\$399,200.48
				7. Retainage* 0.0%	\$0.00
				8. Previous Payments	\$376,642.21
TOTALS		\$55,596.54	\$0.00	9. Amount Due (6-7-8)	\$22,558.27
NET CHANGE		\$55,596.54		*Detailed Breakdown Attached	
CONTRACT TIME					
START DATE: <u>5/1/2021</u>		ORIGINAL DAYS <u>81</u>		ON SCHEDULE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
SUBSTANTIAL COMPLETION: <u>6/30/2021</u>		REVISED DAYS <u>0</u>			
FINAL COMPLETION: <u>7/21/2021</u>		REMAINING <u>-35</u>			
ENGINEER'S CERTIFICATION: The undersigned certifies that the work has been reviewed and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.			FOCUS Engineering, inc.  ENGINEER <u>11/9/2021</u> DATE		
CONTRACTOR'S CERTIFICATION: The undersigned Contractor certifies that to the best of their knowledge, information and belief the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the contractor for work for which previous payment estimates was issued and payments received from the owner, and that current payment shown herein is now due.			CONTRACTOR  BY Mary L. Aschenbrenner, Vice-President <u>November 8, 2021</u> DATE		
APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA					
BY _____			BY _____		
DATE _____			DATE _____		

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
BASE BID									
1	MOBILIZATION	LS	1	\$23,000.00	\$23,000.00	0.00	\$0.00	1.00	\$23,000.00
2	TRAFFIC CONTROL	LS	1	\$3,000.00	\$3,000.00	0.00	\$0.00	1.00	\$3,000.00
3	BIOROLL DITCH CHECK	LF	100	\$3.50	\$350.00	0.00	\$0.00	0.00	\$0.00
4	SAWCUT PAVEMENT (ALL TYPES)	LF	306	\$4.00	\$1,224.00	0.00	\$0.00	0.00	\$0.00
5	MILL 1.5" OF EXIST. BITUMINOUS PAVEMENT	SY	26390	\$1.00	\$26,390.00	0.00	\$0.00	26,700.00	\$26,700.00
6	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT (DRIVEWAYS)	SY	20	\$10.00	\$200.00	0.00	\$0.00	26.00	\$260.00
7	REMOVE AND REPLACE CONCRETE FLUME	EA	1	\$1,210.00	\$1,210.00	0.00	\$0.00	1.00	\$1,210.00
8	CLEAN FLARED END SECTION / CONCRETE FLUME	EA	14	\$154.00	\$2,156.00	0.00	\$0.00	14.00	\$2,156.00
9	REMOVE & DISPOSE OF CONCRETE CURB (ALL TYPES)	LF	359	\$5.50	\$1,974.50	0.00	\$0.00	649.00	\$3,569.50
10	TYPE SP 9.5 BITUMINOUS WEARING COURSE (SPWEA330B)	TN	2480	\$61.62	\$152,817.60	0.00	\$0.00	2,812.00	\$173,275.44
11	BITUMINOUS MATERIAL FOR TACK COAT	GAL	1850	\$2.75	\$5,087.50	0.00	\$0.00	2,150.00	\$5,912.50
12	2360 BITUMINOUS WEAR COURSE, DRIVEWAYS	SY	20	\$25.00	\$500.00	0.00	\$0.00	26.00	\$650.00
13	CLASS 5 AGGREGATE SHOULDER STABILIZATION (100% CRUSHED LIMESTONE)	LF	120	\$12.10	\$1,452.00	0.00	\$0.00	100.00	\$1,210.00
14	CUT DOWN EXISTING STORM SEWER STRUCTURE	EA	2	\$2,548.80	\$5,097.60	0.00	\$0.00	2.00	\$5,097.60
15	ADJUST CASTING	EA	3	\$550.00	\$1,650.00	0.00	\$0.00	3.00	\$1,650.00
16	REMOVE AND REPLACE CASTING	EA	3	\$918.00	\$2,754.00	0.00	\$0.00	3.00	\$2,754.00
17	REPAIR STORM STRUCTURE INTERIOR	EA	18	\$696.60	\$12,538.80	0.00	\$0.00	18.00	\$12,538.80
18	ADJUST VALVEBOX	EA	3	\$450.00	\$1,350.00	0.00	\$0.00	5.00	\$2,250.00
19	REMOVE AND REPLACE VALVE BOX TOP SECTION	EA	1	\$500.00	\$500.00	0.00	\$0.00	1.00	\$500.00
20	CONCRETE CURB AND GUTTER (ALL TYPES)	LF	359	\$35.48	\$12,737.32	0.00	\$0.00	649.00	\$23,026.52
21	REMOVE AND REPLACE FES TRASH GUARD	EA	1	\$2,106.00	\$2,106.00	0.00	\$0.00	1.00	\$2,106.00
22	8" METAL FLARED END SECTION	EA	1	\$1,917.00	\$1,917.00	0.00	\$0.00	1.00	\$1,917.00
23	CLASS 3 RIP RAP W/GEOTEXTILE FABRIC	CY	74	\$115.00	\$8,510.00	0.00	\$0.00	74.00	\$8,510.00
24	IMPORT AND PLACE TOPSOIL (LV)	CY	20	\$40.00	\$800.00	0.00	\$0.00	20.00	\$800.00
25	SEEDING, FERTILIZER, AND WOOD FIBER BLANKET	SY	200	\$5.00	\$1,000.00	547.00	\$2,735.00	547.00	\$2,735.00
26	4" EPOXY YELLOW STRIPING (STYLE VARIES)	LF	10190	\$0.25	\$2,547.50	0.00	\$0.00	6,532.00	\$1,633.00
27	4" EPOXY WHITE STRIPING	LF	240	\$0.25	\$60.00	0.00	\$0.00	120.00	\$30.00
28	24" EPOXY WHITE STRIPING - STOP BAR	EA	2	\$82.50	\$165.00	0.00	\$0.00	2.00	\$165.00
29	PAVEMENT MESSAGE (GROUND IN) - TURN ARROW	EA	2	\$440.00	\$880.00	0.00	\$0.00	2.00	\$880.00
30	REMOVE AND REPLACE PVC INDUCTION LOOP DETECTORS	EA	4	\$1,089.00	\$4,356.00	0.00	\$0.00	0.00	\$0.00
BASE BID			\$278,330.82			\$2,735.00		\$307,536.36	

ALTERNATE NO. 1									
1-1	REMOVE AND DISPOSE OF EXIST. BITUMINOUS PAVEMENT	SY	2650	\$2.64	\$6,996.00	0.00	\$0.00	2,580.00	\$6,811.20
1-2	COMMON EXCAVATION (CV) (P)	CY	993	\$19.36	\$19,224.48	0.00	\$0.00	993.00	\$19,224.48
1-3	CONCRETE PEDESTRIAN RAMP	SF	100	\$27.50	\$2,750.00	0.00	\$0.00	112.00	\$3,080.00
1-4	BITUMINOUS TRAIL	SY	2650	\$9.90	\$26,235.00	0.00	\$0.00	2,580.00	\$25,542.00
SUBTOTAL - ALTERNATE NO. 1					\$55,205.48		\$0.00		\$54,657.68

ALTERNATE NO. 2									
2-1	REMOVE AND DISPOSE OF EXIST. BITUMINOUS PAVEMENT	SY	440	\$2.64	\$1,161.60	0.00	\$0.00	410.00	\$1,082.40
2-2	COMMON EXCAVATION (CV) (P)	CY	164	\$19.36	\$3,175.04	0.00	\$0.00	164.00	\$3,175.04
2-3	CONCRETE PEDESTRIAN RAMP	SF	50	\$27.50	\$1,375.00	0.00	\$0.00	464.00	\$12,760.00
2-4	BITUMINOUS TRAIL	SY	440	\$9.90	\$4,356.00	0.00	\$0.00	410.00	\$4,059.00
SUBTOTAL - ALTERNATE NO. 2					\$10,067.64		\$0.00		\$21,076.44

TOTALS - BASE CONTRACT & ALTERNATES \$343,603.94 \$2,735.00 \$383,270.48

CHANGE ORDER NO. 1									
CO1-1	REMOVE AND PREP PATCH AREA	SF	2,124	\$3.10	\$6,584.40	0.00	\$0.00	2,124.00	\$6,584.40
CO1-2	PAVE 2" BITUMINOUS PATCH	SF	2,124	\$4.40	\$9,345.60	0.00	\$0.00	2,124.00	\$9,345.60
SUBTOTAL - CHANGE ORDER NO. 1					\$15,930.00		\$0.00		\$15,930.00

CHANGE ORDER NO. 2									
CO2-1	COMPENSATING CHANGE ORDER	LS	1	\$39,666.54	\$39,666.54	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - CHANGE ORDER NO. 2					\$39,666.54		\$0.00		\$0.00

TOTALS - REVISED CONTRACT \$399,200.48 \$2,735.00 \$399,200.48

CERTIFICATE OF COMPLETION

DATE OF ISSUANCE: NOVEMBER 16, 2021

OWNER:	<u>CITY OF LAKE ELMO, MN</u>
CONTRACTOR:	<u>ASPHALT SURFACE TECHNOLOGIES CORPORATION</u>
PROJECT NAME:	<u>2021 MILL AND OVERLAY PROJECT</u>
PROJECT NO.:	<u>2021.110</u>

- ☒ This Certification of Completion applies to all work under the Contract Documents
☐ This Certification of Completion applies to the following specified parts of the Contract Documents

I do hereby certify that the work to which this Certificate applies has been constructed in accordance with the Contract dated March 11, 2021. The above-mentioned improvement is hereby declared to be complete and acceptance of this work is recommended.

DATE OF COMPLETION: NOVEMBER 16, 2021Michael Rusenovich Reg. No. 58717FOCUS Engineering, Inc.

THE WARRANTY PERIOD BEGINS November 16, 2021 AND ENDS November 16, 2022
