hgm
ASSOCIATES INC.

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST
TRAIL SYSTEM REPAIR
CITY OF COUNCIL BLUFFS, IOWA
City Project No. PR 21-05 and PR 22-05
HGM Project No. 151020
February 18, 2021

ITEM NO.	CODE	DESCRIPTION	ESTIMATED QUANTITY		UNIT PRICE	TOTAL AMOUNT
Division I: Valley View Trail Rehab						
1-1.	8030-1.08-A	Temporary Traffic Control	1.00	LS	$2,000.00	$2,000.00
1-2.		Surface Preparation	8,854.00	SY	0.75	6,640.50
1-3.		Crack Cleaning and Sealing	8,854.00	SY	0.75	6,640.50
1-4.	7021-1.08-B	HMA Overlay, 2 inch	8,854.00	SY	15.00	132,810.00
1-5.	7030-1.08-E	Trail, PCC, 6 inch	36.00	SY	60.00	2,160.00
1-6.	7030-1.08-G	Detectable Warnings	48.00	SF	40.00	1,920.00
1-7.	7040-1.08-A	Patch, Full Depth Repair, HMA	20.00	SY	200.00	4,000.00
1-8.	7040-1.08-C	HMA Surface Patch	90.00	SF	15.00	1,350.00
1-9.		Patch by Count	10.00	EA	250.00	2,500.00
1-10.	7040-1.08-G	Milling	2,039.00	SY	3.00	6,117.00
1-11.	7040-1.08-H	Removal of HMA Recreational Trail	36.00	SY	14.00	504.00
1-12.		Granular Shoulders, Type A	83.00	TN	50.00	4,150.00
1-13.		Earth Shoulder Construction	9,460.00	LF	1.00	9,460.00
1-14.		Adjust Water Valve Box	1.00	EA	150.00	150.00
1-15.	8020-1.08-B	Painted Pavement Markings, Solvent/Waterborne	5.00	STA	250.00	1,250.00
					Division I Subtotal:	$181,652.00
Division II: Iowa Riverfront Trail Rehab						
2-1.	8030-1.08-A	Temporary Traffic Control	1.00	LS	$1,000.00	$1,000.00
2-2.		Surface Preparation	2,859.00	SY	0.75	2,144.25
2-3.		Crack Cleaning and Sealing	2,859.00	SY	0.75	2,144.25
2-4.	7021-1.08-B	HMA Overlay, 2 inch	2,859.00	SY	15.00	42,885.00
2-5.	7030-1.08-E	Trail, PCC, 6 inch	169.00	SY	60.00	10,140.00
2-6.	7030-1.08-G	Detectable Warnings	132.00	SF	40.00	5,280.00
2-7.	7040-1.08-A	Patch, Full Depth Repair, HMA	10.00	SY	200.00	2,000.00
2-8.	7040-1.08-C	HMA Surface Patch	45.00	SF	15.00	675.00
2-9.		Patch by Count	5.00	EA	250.00	1,250.00
2-10.	7040-1.08-G	Milling	56.00	SY	10.00	560.00
2-11.	7040-1.08-H	Removal of HMA Recreational Trail	169.00	SY	10.00	1,690.00
2-12.		Granular Shoulders, Type A	3.00	TN	60.00	180.00
2-13.		Earth Shoulder Construction	5,105.00	LF	1.00	5,105.00
2-14.		Adjust Water Valve Box	3.00	EA	150.00	450.00
2-15.		Adjust Traffic Signal Box	1.00	EA	400.00	400.00
					Division II Subtotal:	$75,903.50
					Divisions I and II Subtotal:	$257,555.50
					Contingency 5%+:	$12,880.50
					Construction Total:	$270,436.00
					Engineering:	$27,500.00
					TOTAL:	**$297,936.00**

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