



Date March 23, 2026

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR CARLISLE MULTI-USE TRAIL CONNECTION, HOWREY CONSTRUCTION, INC.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Carlisle Multi-Use Trail Connection, Activity ID 112020009, in accordance with the contract approved between Howrey Construction, Inc., Lucas Howrey, President, 316 Austin Street, Rockwell City, IA, 50579, under Roll Call No. 23-0676, of May 8, 2023, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and said improvement is hereby accepted.

BE IT FURTHER RESOLVED: That \$4,016,011.83 is the total cost, of which \$3,986,011.83 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE:

/s/ Glenna K. Frank

/s/Nickolas J. Schaul

Glenna K. Frank
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

Funding Source: 2025-26 CIP, Page 91, Carlisle Trail Connection, PK190, Being: \$1,400,000 maximum in Federal funds from Transportation Alternative Program (TAP) for 80% eligible construction costs only under IDOT Project No. TAP-T-1945(863)--8V-77, and \$400,000 in State Recreation Trail Grant State Project No. RT-1945(867)--9H-77; \$290,914 Iowa DNR REAP Grant, Agreement 20-R4-GZ; \$50,000 from the Citywide Storm Water Utility Projects SM057; \$1,200,000 Local Option Sales and Services Tax; and the remaining \$675,097.83 from 2023-24 CIP, Page 72, Multi-Use Trails, PK045



COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
SIMONSON				
VOSS				
BARRON				
WESTERGAARD				
MANDELBAUM				
GATTO				
TOTAL				

MOTION CARRIED

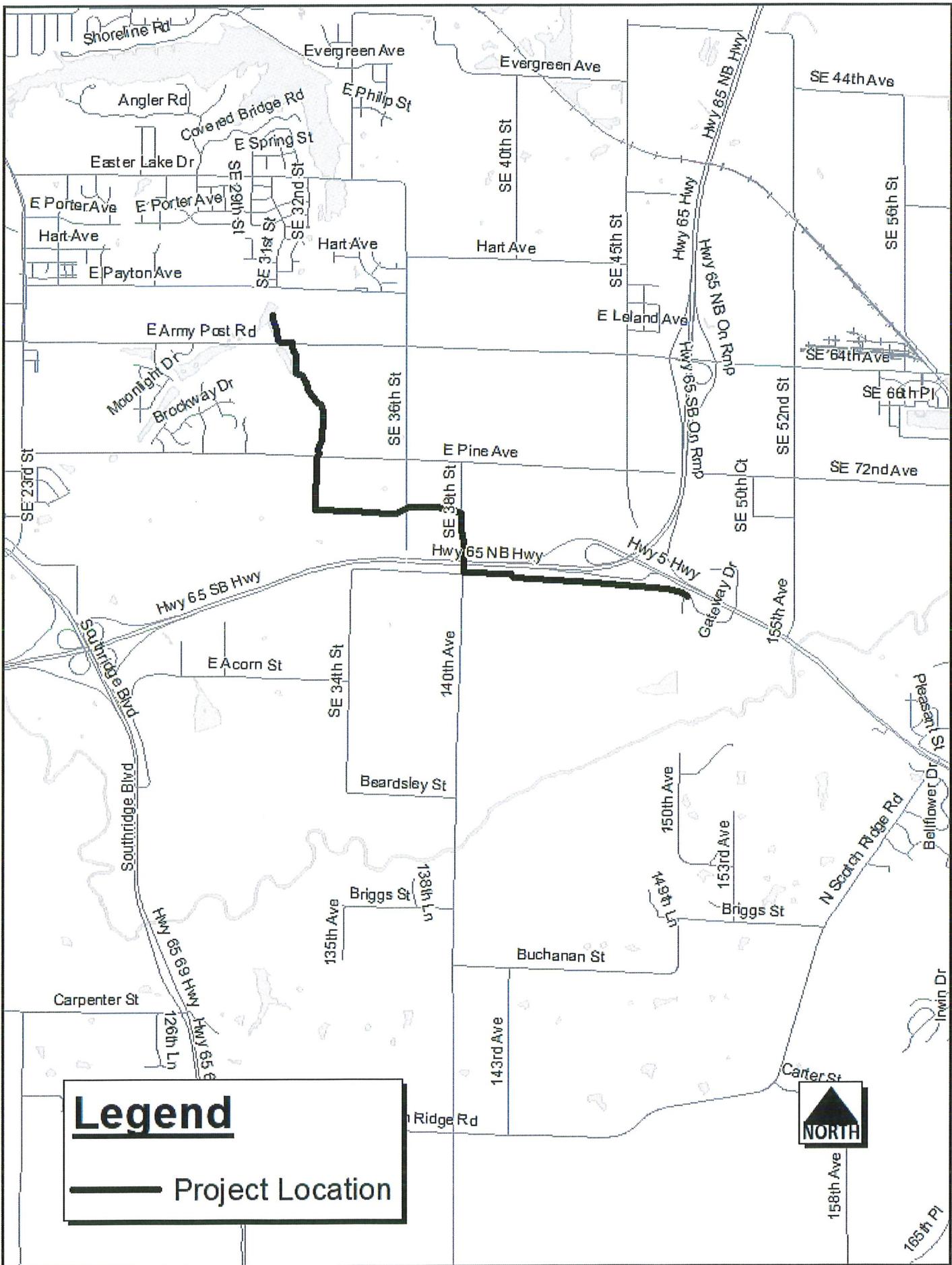
APPROVED

CERTIFICATE

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk





PROJECT SUMMARY

Carlisle Multi-Use Trail Connection

Activity ID 112020009

On May 8, 2023, under Roll Call No. 23-0676, the Council awarded the contract for the above improvements to Howrey Construction, Inc., in the amount of \$3,903,809.83. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	6/28/2023 Construction Survey and Portable Dynamic Message Signs	\$41,525.00
2	City	6/11/2024 Additional clearing & grubbing, 15" diameter culvert, and temporary seeding. Changes in farm entrance locations and seeding. As-built measurement on full depth patching.	\$50,067.75
3	City	10/16/2024 Completion date extension due to utility delay.	\$0.00
4	City	3/21/2025 Adjustment of quantities to as-built measurements.	\$9,074.69
5	City	6/11/2025 Additional seeding and matting for restoration.	\$11,534.56
Original Contract Amount			\$3,903,809.83
Total Change Orders			\$112,202.00
Percent of Change Orders to Original Contract			2.87%
Total Contract Amount			\$4,016,011.83



March 23, 2026

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Carlisle Multi-Use Trail Connection, Howrey Construction, Inc..

SYNOPSIS:

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

FISCAL IMPACT:

Amount: \$4,016,011.83 As-Built Contract Cost

Funding Source: 2025-26 CIP, Page 91, Carlisle Trail Connection, PK190, Being: \$1,400,000 maximum in Federal funds from Transportation Alternative Program (TAP) for 80% eligible construction costs only under IDOT Project No. TAP-T-1945(863)--8V-77, and \$400,000 in State Recreation Trail Grant State Project No. RT-1945(867)--9H-77; \$290,914 Iowa DNR REAP Grant, Agreement 20-R4-GZ; \$50,000 from the Citywide Storm Water Utility Projects SM057; \$1,200,000 Local Option Sales and Services Tax; and the remaining \$675,097.83 from 2023-24 CIP, Page 72, Multi-Use Trails, PK045

CERTIFICATION OF COMPLETION:

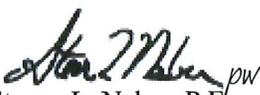
On May 8, 2023, under Roll Call No. 23-0676, the City Council awarded a contract to Howrey Construction, Inc., Lucas Howrey, President, 316 Austin Street, Rockwell City, IA 50579 for the construction of the following improvement:

Carlisle Multi-Use Trail Connection, 112020009

The improvement includes clearing and grubbing, earthwork, grading, placement of a 6-inch thick Portland Cement Concrete (PCC) trail, subbase, reinforced concrete pedestrian tunnel, storm sewer, PCC driveways, traffic control, restoration, seeding, and miscellaneous associated work to complete the project; all in accordance with the contract documents, including Plan File No. 653-122/295, from the Easter Lake Spine Trail in Des Moines, Iowa to the City of Carlisle Nature Trail in Carlisle, Iowa

I hereby certify that the construction of said Carlisle Multi-Use Trail Connection, Activity ID 112020009, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on July 10, 2023, and was completed on February 18, 2026.

I further certify that \$4,016,011.83 is the total cost of said improvement, of which \$3,986,011.83 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.


Steven L. Naber, P.E.
Des Moines City Engineer

**ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA**



**ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 06/11/25 to 02/13/26
FINAL PAYMENT**

**PROJECT: CARLISLE MULTI-USE TRAIL CONNECTION
CONTRACTOR: HOWREY CONSTRUCTION, INC.**

**IDOT #: TAP-T-1945(863)--9G-77
ACTIVITY ID: 11-2020-009
DATE: 2/13/2026**

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	Clearing and Grubbing	ACRE	4.80	5.71	5.71	0.00	\$ 4,800.00	\$27,408.00
2	Special Backfill	CY	5,000.00	5,000.00	5,000.00	0.00	\$ 85.00	\$425,000.00
3	Embankment-In-Place, Contractor Furnished	CY	3,007.00	3,007.00	3,007.00	0.00	\$ 40.00	\$120,280.00
4	Excavation, Class 10, Roadway and Borrow	CY	15,654.00	15,654.00	15,654.00	0.00	\$ 24.00	\$375,696.00
5	Topsoil, Strip, Salvage and Spread	CY	9,384.00	9,384.00	9,384.00	0.00	\$ 24.00	\$225,216.00
6	Compacting Backfill Adjacent to Bridges, Culverts or Structures	CY	214.20	214.20	214.20	0.00	\$ 15.00	\$3,213.00
7	Compaction With Moisture Control	CY	555.20	555.20	555.20	0.00	\$ 15.00	\$8,328.00
8	Construction of Soil Aggregate Subbase	MILE	0.11	0.11	0.11	0.00	\$ 18,000.00	\$1,980.00
9	Subgrade Stabilization Material, Polymer Grid	SY	1,910.00	3,990.60	3,990.60	0.00	\$ 3.00	\$11,971.80
10	Shoulder Finishing, Earth	STA	335.00	335.00	335.00	0.00	\$ 200.00	\$67,000.00
11	Macadam Stone Base	TON	490.00	466.07	466.07	0.00	\$ 60.00	\$27,964.20
12	Granular Surfacing on Road, Class A Crushed Stone	TON	60.00	88.28	88.28	0.00	\$ 45.00	\$3,972.60
13	Removals, As Per Plan	LS	1.00	1.00	1.00	0.00	\$ 5,000.00	\$5,000.00
14	Flooded Backfill	CY	187.73	187.73	187.73	0.00	\$ 90.00	\$16,895.70
15	Excavation, Class 20	CY	2,281.00	2,281.00	2,281.00	0.00	\$ 18.00	\$41,058.00
16	Granular Material For Blanket	CY	134.80	134.80	134.80	0.00	\$ 60.00	\$8,088.00
17	Structural Concrete (RCB Culvert)	CY	286.70	286.70	286.70	0.00	\$ 800.00	\$229,360.00
18	Reinforcing Steel	LB	43,062.00	43,062.00	43,062.00	0.00	\$ 2.00	\$86,124.00
19	Steel Pipe Pedestrian Hand Railing	LF	80.00	80.00	80.00	0.00	\$ 261.25	\$20,900.00
20	Aprons, Concrete, 15 In. Dia.	EA	16.00	22.00	22.00	0.00	\$ 1,800.00	\$39,600.00
21	Aprons, Concrete, 18 In. Dia.	EA	12.00	12.00	12.00	0.00	\$ 2,000.00	\$24,000.00
22	Aprons, Concrete, 24 In. Dia.	EA	5.00	5.00	5.00	0.00	\$ 2,100.00	\$10,500.00
23	Aprons, Concrete, 30 In. Dia.	EA	4.00	4.00	4.00	0.00	\$ 2,400.00	\$9,600.00
24	Aprons, Concrete, 42 In. Dia.	EA	1.00	1.00	1.00	0.00	\$ 4,000.00	\$4,000.00
25	Aprons, Concrete, 48 In. Dia.	EA	4.00	4.00	4.00	0.00	\$ 4,500.00	\$18,000.00
26	Culvert, Concrete Entrance Pipe, 15 In. Dia.	LF	368.00	440.00	440.00	0.00	\$ 135.00	\$59,400.00
27	Culvert, Concrete Entrance Pipe, 18 In. Dia.	LF	140.00	140.00	140.00	0.00	\$ 140.00	\$19,600.00
28	Culvert, Concrete Entrance Pipe, 24 In. Dia.	LF	22.00	24.00	24.00	0.00	\$ 160.00	\$3,840.00
29	Culvert, Concrete Entrance Pipe, 30 In. Dia.	LF	44.00	48.00	48.00	0.00	\$ 200.00	\$9,600.00
30	Culvert, Concrete Entrance Pipe, 48 In. Dia.	LF	148.00	152.00	152.00	0.00	\$ 320.00	\$48,640.00
31	Temporary Stream Diversion	EA	1.00	1.00	1.00	0.00	\$ 9,000.00	\$9,000.00
32	Manhole, Storm Sewer, SW-401, 48 In.	EA	1.00	1.00	1.00	0.00	\$ 9,300.00	\$9,300.00
33	Manhole, Storm Sewer, SW-401, 72 In.	EA	1.00	1.00	1.00	0.00	\$ 16,500.00	\$16,500.00
34	Intake, SW-501	EA	2.00	2.00	2.00	0.00	\$ 4,500.00	\$9,000.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
35	Intake, SW-512, 18 In.	EA	2.00	2.00	2.00	0.00	\$ 3,000.00	\$6,000.00
36	Intake, SW-512, 24 In.	EA	1.00	1.00	1.00	0.00	\$ 2,700.00	\$2,700.00
37	Intake Adjustment, Major	EA	1.00	1.00	1.00	0.00	\$ 2,800.00	\$2,800.00
38	Temporary Shoring	LS	1.00	1.00	1.00	0.00	\$ 34,500.00	\$34,500.00
39	Subdrain, Perforated Plastic Pipe, 8 In. Dia.	LF	655.00	622.00	622.00	0.00	\$ 45.00	\$27,990.00
40	Subdrain Outlet, DR-305	EA	2.00	2.00	2.00	0.00	\$ 500.00	\$1,000.00
41	Storm Sewer Gravity Main, Trenched, Reinforced Concrete Pipe (RC)	LF	280.00	295.00	295.00	0.00	\$ 150.00	\$44,250.00
42	Storm Sewer Gravity Main, Trenched, Reinforced Concrete Pipe (RC)	LF	84.00	84.00	84.00	0.00	\$ 250.00	\$21,000.00
43	Remove Storm Sewer Pipe Less Than or Equal to 36 In.	LF	152.00	152.00	152.00	0.00	\$ 30.00	\$4,560.00
44	Storm Sewer Abandonement, Fill and Plug, Less Than or Equal to 36	LF	40.00	40.00	40.00	0.00	\$ 40.00	\$1,600.00
45	Flowable Mortar	CY	1.80	2.75	2.75	0.00	\$ 889.00	\$2,444.75
46	Engineering Fabric	SY	916.30	1,431.88	1,431.88	0.00	\$ 4.00	\$5,727.52
47	Revetment, Class B	TON	29.00	29.64	29.64	0.00	\$ 75.00	\$2,223.00
48	Revetment, Class E	TON	761.10	910.68	910.68	0.00	\$ 70.00	\$63,747.60
49	Removal of Recreational Trail	SY	1,220.00	1,220.00	1,220.00	0.00	\$ 16.60	\$20,252.00
50	Recreational Trail, Portland Cement Concrete, 5 In.	SY	70.00	0.00	0.00	0.00	\$ 142.75	\$0.00
51	Recreational Trail, Portland Cement Concrete, 6 In.	SY	18,192.30	18,025.80	18,025.80	0.00	\$ 43.25	\$779,615.85
52	Recreational Trail, Portland Cement Concrete, 8 In.	SY	902.60	926.50	926.50	0.00	\$ 88.00	\$81,532.00
53	Detectable Warnings	SF	240.00	206.00	206.00	0.00	\$ 55.00	\$11,330.00
54	Curb and Gutter, P.C. Concrete, 2.5 FT	LF	567.60	483.00	483.00	0.00	\$ 47.00	\$22,701.00
55	Fence, Chain Link, Vinyl Coated	LF	49.50	49.50	49.50	0.00	\$ 140.00	\$6,930.00
56	Fence, Field	LF	1,062.50	1,062.50	1,062.50	0.00	\$ 16.50	\$17,531.25
57	Field Fence Brace Panels	EA	15.00	15.00	15.00	0.00	\$ 235.00	\$3,525.00
58	Removal of Fence, Field Fence	LF	1,203.00	1,078.00	1,078.00	0.00	\$ 3.00	\$3,234.00
59	Remove and Reinstall Sign as Per Plan	EA	5.00	5.00	5.00	0.00	\$ 400.00	\$2,000.00
60	Removal of Type A Sign Assembly	EA	9.00	11.00	11.00	0.00	\$ 125.00	\$1,375.00
61	Painted Pavement Markings, Waterborne or Solvent-Based	STA	19.64	18.14	18.14	0.00	\$ 350.00	\$6,349.00
62	Pavement Markings Removed	STA	16.50	16.50	16.50	0.00	\$ 550.00	\$9,075.00
63	Removable, Nonreflective, Preformed Tape	STA	20.24	20.24	20.24	0.00	\$ 400.00	\$8,096.00
64	Safety Closure	EA	16.00	14.00	14.00	0.00	\$ 250.00	\$3,500.00
65	Temporary Barrier Rail	LF	416.00	416.00	416.00	0.00	\$ 22.00	\$9,152.00
66	Temporary Traffic Signals	EA	4.00	4.00	4.00	0.00	\$ 10,000.00	\$40,000.00
67	Traffic Control	LS	1.00	1.00	1.00	0.00	\$ 55,000.00	\$55,000.00
68	Patch, Full-Depth Finish, By Area	SY	238.40	296.60	296.60	0.00	\$ 225.00	\$66,735.00
69	Patch, Full-Depth Finish, By Count	EA	7.00	6.00	6.00	0.00	\$ 2,500.00	\$15,000.00
70	Mobilization	LS	1.00	1.00	1.00	0.00	\$ 280,000.00	\$280,000.00
71	Temporary Crash Cushion, Redirective	EA	4.00	4.00	4.00	0.00	\$ 2,000.00	\$8,000.00
72	('CY' Item) Regenerative Creek Fill	CY	406.00	406.00	406.00	0.00	\$ 125.00	\$50,750.00
73	('Each' Item) Subdrain Area Intake	EA	2.00	2.00	2.00	0.00	\$ 1,300.00	\$2,600.00
74	('Linear Foot' Item) Tree Protection Fence	LF	1,891.00	47.00	47.00	0.00	\$ 6.50	\$305.50
75	('Lump Sum' Item) Directional Sign Footing	LS	1.00	1.00	1.00	0.00	\$ 6,000.00	\$6,000.00
76	('Lump Sum' Item) Information Hub Sign Footing	LS	1.00	1.00	1.00	0.00	\$ 8,000.00	\$8,000.00
77	('Lump Sum' Item) Signing	LS	1.00	1.00	1.00	0.00	\$ 20,000.00	\$20,000.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
78	('Lump Sum' Item) Tunnel Lighting	LS	1.00	1.00	1.00	0.00	\$ 31,000.00	\$31,000.00
79	('Ton' Item) 18 In. Boulder Stones	TON	106.00	109.13	109.13	0.00	\$ 160.00	\$17,460.80
80	Mulching	ACRE	14.30	6.34	6.34	0.00	\$ 715.00	\$4,533.10
81	Mulching, Bonded Fiber Matrix	ACRE	9.60	10.38	10.38	0.00	\$ 3,750.00	\$38,925.00
82	Mulching, Mechanically-Bonded Fiber Matrix	ACRE	0.60	0.00	0.00	0.00	\$ 3,750.00	\$0.00
83	Native Grass Seeding	ACRE	0.60	1.15	1.15	0.00	\$ 1,500.00	\$1,725.00
84	Seeding and Fertilizing (Rural)	ACRE	9.60	16.14	16.14	0.00	\$ 1,100.00	\$17,754.00
85	Slope Protection, Wood Excelsior Mat	SQ	695.00	1,025.78	1,025.78	0.00	\$ 12.00	\$12,309.36
86	Special Ditch Control, Wood Excelsior Mat	SQ	684.00	983.37	983.37	0.00	\$ 16.50	\$16,225.62
87	Silt Fence	LF	12,680.00	8,630.00	8,630.00	0.00	\$ 1.75	\$15,102.50
88	Removal of Silt Fence or Silt Fence for Ditch Checks	LF	1,268.00	7,976.00	7,976.00	0.00	\$ 0.25	\$1,994.00
89	Maintenance of Silt Fence or Silt Fence for Ditch Check	LF	6,340.00	40.00	40.00	0.00	\$ 0.25	\$10.00
90	Perimeter and Slope Sediment Control Device, 12 IN. DIA.	LF	660.00	3,729.00	3,729.00	0.00	\$ 3.00	\$11,187.00
91	Removal of Perimeter and Slope or Ditch Check Sediment Control De	LF	3,540.00	1,205.00	1,205.00	0.00	\$ 0.50	\$602.50
92	Ditch Check Sediment Control Device, 12 In. Dia.	LF	2,880.00	80.00	80.00	0.00	\$ 3.25	\$260.00
93	Mobilizations, Erosion Control	EA	12.00	20.00	20.00	0.00	\$ 500.00	\$10,000.00
94	Mobilizations, Emergency Erosion Control	EA	2.00	0.00	0.00	0.00	\$ 1,000.00	\$0.00
	Change Order Items							
8001	Construction Survey	LS	0.00	1.00	1.00	0.00	\$ 39,600.00	\$39,600.00
8002	Portable Dynamic Message Sign (PDMS)	CDAY	0.00	14.00	14.00	0.00	\$ 137.50	\$1,925.00
8003	Stabilizing Crop - Seeding and Fertilizing	ACRE	0.00	1.83	1.83	0.00	\$ 577.50	\$1,056.83
8004	Recreational Trail, Portland Cement Concrete, 6 In., Reinforced	SY	0.00	18.00	18.00	0.00	\$ 185.00	\$3,330.00
8005	Subbase Stabilization, 3" Rock	CY	0.00	111.11	111.11	0.00	\$ 85.00	\$9,444.35
8006	Steel Pipe Pedestrian Hand Railing	LF	0.00	80.00	80.00	0.00	\$ 330.00	\$26,400.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
	ORIGINAL CONTRACT AMOUNT		\$ 3,903,809.83					
	TOTAL CHANGE ORDERS		\$ 112,202.00					
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$ 4,016,011.83					
	PARTIAL PAYMENT #1		\$ 27,160.00					
	PARTIAL PAYMENT #2		\$ 43,141.23					
	PARTIAL PAYMENT #3		\$ 94,866.00					
	PARTIAL PAYMENT #4		\$ 196,517.15					
	PARTIAL PAYMENT #5		\$ 274,132.63					
	PARTIAL PAYMENT #6		\$ 117,672.10					
	PARTIAL PAYMENT #7		\$ 704,852.54					
	PARTIAL PAYMENT #8		\$ 452,440.84					
	PARTIAL PAYMENT #9		\$ 214,216.16					
	PARTIAL PAYMENT #10		\$ 861,719.16					
	PARTIAL PAYMENT #11		\$ 133,138.85					
	PARTIAL PAYMENT #12		\$ 206,107.12					
	PARTIAL PAYMENT #13		\$ 492,876.91					
	PARTIAL PAYMENT #14		\$ 116,031.87					
	PARTIAL PAYMENT #15		\$ 10,104.70					
	PARTIAL PAYMENT #16		\$ 29,500.01					
	PARTIAL PAYMENT #17		\$ 11,534.56					
	THIS PARTIAL PAYMENT		\$ -					
	TOTAL PARTIAL PAYMENTS		\$ 3,986,011.83					
	BALANCE		\$ 30,000.00					
	APPROXIMATE PERCENT COMPLETE		100.0%					

PREPARED BY:

Tim Anderson

Project Inspector

CHECKED BY:

Paul L. [Signature]

Project Engineer

APPROVED BY:

[Signature]

Contractor, Howrey Construction

TOTAL	\$4,016,011.83
RETAINAGE	\$ 30,000.00
TOTAL LESS RETAINAGE	\$ 3,986,011.83
LESS PREVIOUS PAYMENT	\$ 3,986,011.83
AMOUNT DUE	\$ -

FINAL PAYMENT