

Agenda	Item Number
C	10A

Date January 08, 2024

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR PENNSYLVANIA AVENUE RECONSTRUCTION FROM NORTH OF E. UNIVERSITY AVENUE TO E. WASHINGTON AVENUE, INROADS, LLC

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 Pennsylvania Avenue Reconstruction from North of E. University Avenue to E. Washington Avenue, 062019022, in accordance with the contract approved between InRoads, LLC, Joseph J. Manatt, CEO, 4761 NE 20th Lane, Des Moines, IA, 50313, under Roll Call No. 22-0123, of January 24, 2022, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted.

BE IT FURTHER RESOLVED: That \$1,666,779.96 is the total cost, of which \$1,616,776.56 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 \$50,003.40 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/Kathleen Vanderpool	Nickolas J. Schaul
Kathleen Vanderpool Deputy City Attorney	Nickolas J. Schaul Director of Finance



Funding Source: 2023-24 CIP, Page 170, LOSST Street Improvements, ST800, LOSST Monies

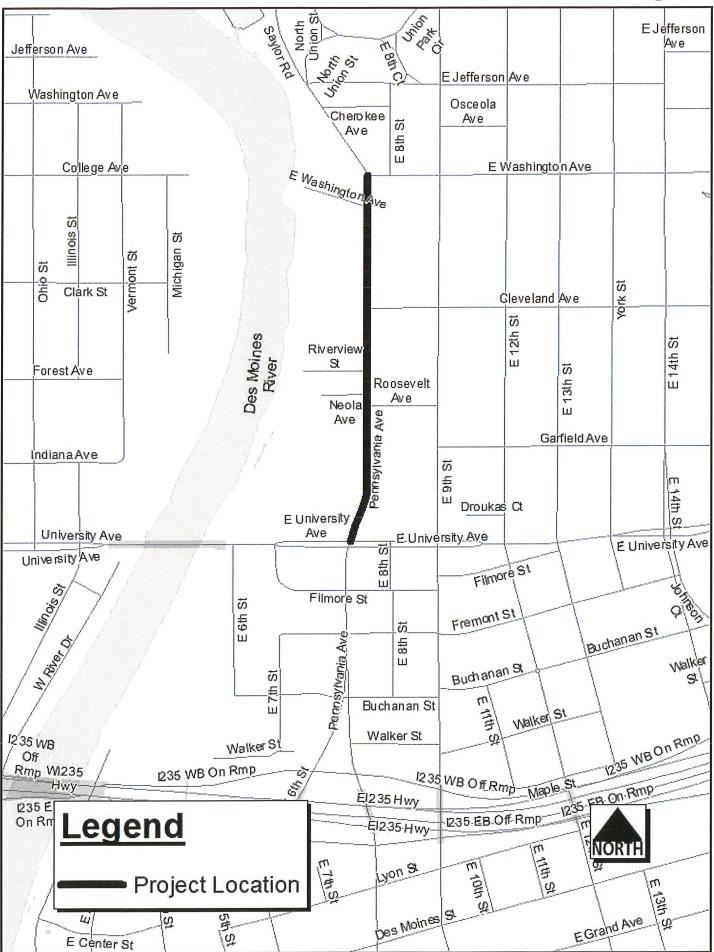
COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT	
BOESEN					
COLEMAN					
GATTO					
MANDELBAUM					
VOSS					
WESTERGAARD					
TOTAL					
MOTION CARRIED APPROVED					

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

Pennsylvania Avenue Reconstruction from North of E. University Avenue to E. **Activity ID** 062019022

On January 24, 2022, under Roll Call No. 22-0123, the Council awarded the contract for the above improvements to InRoads, LLC, in the amount of \$1,469,107.88. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	4/21/2022 Adding Construction Survey to contractors bid	\$15,660.00
2	City	6/10/2022 Additional Curb and gutter removal, special backfill, geogrid, Traffic Control relocation	\$40,489.20
3	City	7/19/2023 Partial as-built change order	\$98,763.91
4	City	8/11/2023	\$97,840.00
5	City	12/6/2023 As-constructed Change Order	\$(55,081.03)
		Original Contract Amount	\$1,469,107.88
		Total Change Orders Percent of Change Orders to Original Contract	\$197,672.08 13.46%
		Total Contract Amount	\$1,666,779.96



Department of Engineering City of Des Moines, Iowa



January 8, 2024

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Pennsylvania Avenue Reconstruction from North of E. University Avenue to E. Washington Avenue, InRoads, LLC.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$1,666,779.96 As-Built Contract Cost

Funding Source: 2023-24 CIP, Page 170, LOSST Street Improvements, ST800, LOSST Monies

CERTIFICATION OF COMPLETION:

On January 24, 2022, under Roll Call No. 22-0123, the City Council awarded a contract to InRoads, LLC, Joseph J. Manatt, CEO, 4761 NE 20th Lane, Des Moines, IA 50313 for the construction of the following improvement:

Pennsylvania Avenue Reconstruction from North of E. University Avenue to E. Washington Avenue, 062019022

The improvement includes Portland Cement Concrete (PCC) curb and gutter, 8.5-inch Hot Mix Asphalt (HMA) paving, cement treated subbase, PCC trail, PCC sidewalks, PCC driveways, earthwork and grading, pavement markings, water services, erosion control, restoration, and other incidental items; in accordance with the contract documents, including Plan File No. 636-211/273, located along Pennsylvania Avenue from north of E. University Avenue to E. Washington Avenue, Des Moines, Iowa

I hereby certify that the construction of said Pennsylvania Avenue Reconstruction from North of E. University Avenue to E. Washington Avenue, Activity ID 062019022, 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 April 18, 2022, and was completed on November 30, 2023.

I further certify that \$1,666,779.96 is the total cost of said improvement, of which \$1,616,776.56 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 \$50,003.40 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 12/01/23 to 12/02/23

FINAL PAYMENT

IDOT #:

0

ACTIVITY ID:

06-2019-022

DATE:

12/8/2023

PROJECT: PENNSYLVANIA AVEUE RECONSTRUCTION FROM NORTH OF E. UNIVERSITY AVENUE TO E. WASHINGTON AVENUE CONTRACTOR: InRoads

QUANTITIES CONSTRUCTED CONSTRUCTED ITEM NO. DESCRIPTION UNIT **ESTIMATED** AUTHORIZED TO DATE THIS PERIOD **UNIT PRICE** TOTAL AMOUNT 1 CLEARING & GRUBBING ACRE 1.00 0.10 0.10 0.00 \$ 5,500.00 \$550.00 OFF-SITE TOPSOIL 2 CY 200.00 236.00 236.00 0.00 \$ 60.00 \$14,160.00 EXCAVATION, CLASS 10 1,275.00 2,277.08 0.00 \$ 38.50 3 CY 2,277.08 \$87,667.58 4 SUBGRADE TREATMENT, CEMENT TON 90.00 203.49 203.49 0.00 546.25 \$111,156.41 5 INTAKE, SW-508 **EACH** 1.00 4.00 4.00 0.00 \$ 7,350.00 \$29,400.00 0.00 \$ 6 MANHOLE ADJUSTMENT, MINOR **EACH** 20.00 11.00 11.00 2,156.00 \$23,716.00 7 **EACH** 0.00 INTAKE ADJUSTMENT, MINOR 5.00 1.00 1.00 3.150.00 \$3,150.00 REMOVE INTAKE 1.00 4.00 \$ 8 **EACH** 4.00 0.00 2.200.00 \$8,800.00 9 PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 8-INCH SY 300.00 982.28 982.28 0.00 \$ 100.00 \$98,228.00 LF 0.00 10 CURB AND GUTTER, 2.5 FT WIDTH, 8.5-INCH THICKNESS 2,250.00 4,749.30 4,749.30 35.00 \$166,225.50 PAVEMENT, HMA, HIGH TRF (HT), BASE COURSE, 3/4 IN. MIX, PG 58 TON 1,550.00 1,238.14 1,238.14 0.00 \$ 81.00 11 \$100,289.34 PAVEMENT, HMA, HIGH TRF (HT), INTERMEDIATE COURSE, 1/2 IN. N 0.00 \$ 12 TON 1,175.00 895.10 895.10 84.00 \$75,188.40 PAVEMENT, HMA, HIGH TRF (HT), SURFACE COURSE, 1/2 IN. MIX, PG 0.00 \$ 13 TON 600.00 588.93 588.93 81.00 \$47,703.33 14 HMA PAVEMENT SAMPLES AND TESTING LS 1.00 1.00 1.00 0.00 Ś 1.500.00 \$1,500.00 15 REMOVAL OF SIDEWALKS SY 1,440.00 1,499.73 1,499.73 0.00 \$ 13.00 \$19,496.49 16 REMOVAL OF DRIVEWAYS SY 400.00 601.57 601.57 0.00 \$ 13.00 \$7,820.41 17 SHARED USE PATH, PORTLAND CEMENT CONCRETE, 6 IN SY 2,600.00 2.739.15 2.739.15 0.00 53.00 \$145.174.95 18 SPECIAL COMPACTION OF SUBGRADE FOR SHARED USE PATH SY 3,800.00 2,739.15 2,739.15 0.00 9.90 \$27,117.59 19 SIDEWALK, PCC, 5 IN. SY 10.00 101.66 101.66 0.00 \$ 143.55 \$14,593.29 DETECTABLE WARNINGS, CAST IRON SF 20 180.00 266.00 266.00 0.00 70.00 \$18,620.00 DRIVEWAY, PAVED, PCC, 6 IN. SY 475.00 428.74 0.00 21 428.74 Ś 53.00 \$22,723.22 22 FULL-DEPTH PATCHES SY 265.00 265.00 0.00 200.00 100.00 \$53,000.00 23 PAVEMENT REMOVAL SY 8,360.00 8,099.96 8,099.96 0.00 24.25 \$196,424.03 24 PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE STA 25.00 37.56 37.56 0.00 90.00 \$3,380.40 25 PAINTED PAVEMENT MARKINGS, DURABLE STA 25.00 44.96 44.96 0.00 185.00 \$8,317.60 26 PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING M STA 40.00 0.00 0.00 0.00 \$ 525.00 \$0.00 27 PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING M STA 0.00 0.00 \$0.00 40.00 0.00 470.00 28 GROOVES CUT FOR PAVEMENT MARKINGS STA 40.00 44.96 44.96 0.00 160.00 \$7,193.60 29 TEMPORARY TRAFFIC CONTROL LS 1.00 1.00 1.00 0.00 \$ 60,000.00 \$60,000.00 30 SAFETY CLOSURE **EACH** 10.00 10.00 10.00 0.00 182.00 \$1,820.00 31 HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING **ACRE** 1.00 1.09 1.09 0.00 5,500.00 \$5.995.00 32 SODDING SQ 280.00 173.00 173.00 0.00 \$ 49.50 \$8,563.50 33 FILTER SOCK, 9 IN. DIA. LF 500.00 845.00 845.00 0.00 \$ 2.08 \$1,757.60 34 FILTER SOCK, REMOVAL LF 500.00 825.00 825.00 0.00 \$ 1.05 \$866.25 35 SILT FENCE OR SILT FENCE DITCH CHECK LF 0.00 \$ 3.000.00 0.00 0.00 2.08 \$0.00



			QUANTITIES					
					CONSTRUCTED	CONSTRUCTED		
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	TO DATE	THIS PERIOD	UNIT PRICE	TOTAL AMOUNT
36	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	3,000.00	0.00	0.00	0.00	\$ 0.26	\$0.00
37	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	3,000.00	0.00	0.00	0.00	\$ 0.26	\$0.00
38	INLET PROTECTION DEVICE, SEDIMENT FILTER BAG	EACH	10.00	9.00	9.00	0.00	\$ 98.80	\$889.20
39	INLET PROTECTION DEVICE, MAINTENANCE	EACH	10.00	6.00	6.00	0.00	\$ 10.40	\$62.40
40	EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	3.00	0.14	0.14	0.00	\$ 2,600.00	\$364.00
41	CONCRETE STEPS, TYPE A	SF	40.00	40.00	40.00	0.00	\$ 105.00	\$4,200.00
42	MOBILIZATION	LS	1.00	1.00	1.00	0.00	\$ 80,000.00	\$80,000.00
43	MAINTENANCE OF POSTAL SERVICE	LS	1.00	1.00	1.00	0.00	\$ 3,991.00	\$3,991.00
44	MAINTENANCE OF SOILD WASTE COLLECTION	LS	1.00	1.00	1.00	0.00	\$ 2,494.38	\$2,494.38
45	CONCRETE WASHOUT	LS	1.00	1.00	1.00	0.00	\$ 1,850.00	\$1,850.00
46	TEMPORARY PAVEMENT	SY	50.00	534.00	534.00	0.00	\$ 65.00	\$34,710.00
47	TEMPORARY GRANULAR MATERIAL	TON	200.00	192.01	192.01	0.00		\$8,256.43
48	CLASS A CRUSHED STONE, SHOULDERS AND DRIVEWAYS	TON	100.00	0.00	0.00	0.00		\$0.00
49	REMOVALS	LS	1.00	1.00	1.00	0.00	\$ 9,350.00	\$9,350.00
50	TREE TRIMMING	LS	1.00	1.00	1.00	0.00	\$ 3,000.00	\$3,000.00
51	MOWING	ACRE	1.00	0.20	0.20	0.00	\$ 550.00	\$110.00
52	REMOVE SIGN AND SIGN POST	EACH	10.00	13.00	13.00	0.00	\$ 100.00	\$1,300.00
53	FURNISH AND INSTALL SIGN	EACH	10.00	1.00	1.00	0.00	\$ 375.00	\$375.00
54	TEMPORARY TRAFFIC CONTROL SIGN	SF	30.00	12.00	12.00	0.00	\$ 30.00	\$360.00
55	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	100.00	14.00	14.00	0.00	\$ 105.00	\$1,470.00
56	FLAGGER	EACH	10.00	0.00	0.00	0.00	\$ 605.00	\$0.00
57	MINOR ADJUSTMENT, UTILITY MANHOLE OR HANDHOLE	EACH	15.00	0.00	0.00	0.00	\$ 3,000.00	\$0.00
58	POTHOLE FOR GAS SERVICE	EACH	20.00	20.00	20.00	0.00	\$ 383.25	\$7,665.00
59	NEW STOP BOX HOUSING	EACH	15.00	1.00	1.00	0.00	\$ 472.50	\$472.50
60	NEW STOP BOX ROD	EACH	15.00	1.00	1.00	0.00	\$ 472.50	\$472.50
61	CHECK DEPTH OF WATER SERVICE	EACH	20.00	0.00	0.00	0.00	\$ 577.50	\$0.00
	LOWER WATER SERVICE	EACH	5.00	0.00	0.00	0.00	\$ 1,050.00	\$0.00
62		EACH	3.00	1.00	1.00	0.00	<u> </u>	\$3,150.00
63	LOWER WATER SERVICE WITH NEW 3/4" COPPER WATER SERVICE TAP	EACH	10.00	1.00	1.00	0.00	\$ 2,940.00	\$2,940.00
64		EACH	3.00	1.00	1.00	0.00	\$ 2,340.00	\$2,340.00
65	ABANDON WATER SERVICE	LF		1,276.00	1,276.00	0.00	<u> </u>	\$2,340.00
66	TREE PROTECTION AND TEMPORARY FENCING	EACH	1,000.00		0.00	0.00		\$0.00
67	TREE TRUNK PROTECTION		10.00	0.00	0.00	0.00		
68	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1.00	0.00	0.00	0.00	\$ 7,500.00	\$0.00
	Change Ouder Home	\vdash						
0001.00	Change Order Items	LS	0.00	1.00	1.00	0.00	\$ 15,660.00	\$15,660.00
8001.00	Construction Survey	LS LF	0.00	924.50		0.00		\$15,660.00
8002.00	Curb and Gutter Removal				924.50	0.00		
8003.00	Special Backfill	TON	0.00	910.57		0.00	-	\$46,348.01 \$19,269.50
8004.00	Geogrid	SY	0.00	2,267.00	2,267.00		-	
8005.00	Traffic Control Relocation	LS	0.00	1.00	1.00	0.00	<u>'</u>	\$1,200.00
8006.00	Iowa Signal Work	LS	0.00	1.00	1.00	0.00		\$8,120.00
8007.00	Hospital Irrigation Repairs	LS	0.00	1.00	1.00	0.00	-	\$18,080.00
8008.00	Asphalt Wedge	LS	0.00	1.00	1.00	0.00	\$ 1,500.00	\$1,500.00

	QUANTITIES							
		ΙГ			CONSTRUCTED	CONSTRUCTED	1	
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	TO DATE	THIS PERIOD	UNIT PRICE	TOTAL AMOUNT
8009.00	Curb Cuts	EA	0.00	2.00	2.00	0.00	\$ 165.00	\$330.00
	ORIGINAL CONTRACT AMOUNT							
	TOTAL CHANGE ORDERS		157,072.00					
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$ 1,666,779.96					
	PAYMENT #1		\$ 105,662.05					
	PAYMENT #2		\$ 199,154.03					
	PAYMENT #3		\$ 318,891.19					
	PAYMENT #4		\$ 281,037.19					
	PAYMENT #5		\$ 49,288.52					
	PAYMENT #6		\$ 282,268.01					
	PAYMENT #7		\$ 109,917.72					
	PAYMENT #8		\$ 174,669.82					
	PAYMENT #9		\$ 95,888.03					
	THIS PARTIAL PAYMENT		\$ -					
	TOTAL PARTIAL PAYMENTS		\$ 1,616,776.56					
	BALANCE		\$ 50,003.40					
	APPROXMIATE PERCENT COMPLETE		100.0%					
						TOTAL		\$1,666,779.96
PREPARED		_				RETAINAGE		\$ 50,003.40
	Project Inspector					TOTAL LESS RETA	AINAGE	\$ 1,616,776.56
						LESS PREVIOUS P.	AYMENT	\$ 1,616,776.56

CHECKED BY:

Project Engineer

AMOUNT DUE
FINAL PAYMENT