

DATE May 20, 2019

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 42ND STREET STREETSCAPE FROM I-235 TO CROCKER STREET, JASPER CONSTRUCTION SERVICES, 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 42nd Street Streetscape from I-235 to Crocker Street, 04-2016-010, in accordance with the contract approved between Jasper Construction Services, Inc., Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA 50208, under Roll Call No. 17-0414, of March 6, 2017, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$2,549,733.82 is the total cost, of which \$2,519,733.82 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.

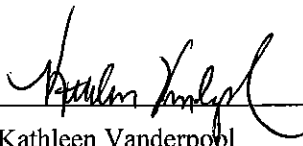
BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents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

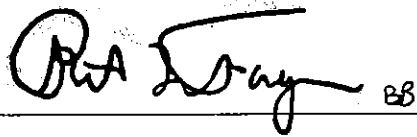
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE


Kathleen Vanderpool
Deputy City Attorney


Robert L. Fagen
Des Moines Finance Director

Funding Source: 2019-2020 CIP, Page Streets, 42nd Street Streetscape, ST258, Being: \$727,234.82 in G.O. Bonds; \$480,000 (maximum) in Transportation Alternative Program (TAP) funds being 80% eligible construction costs under TAP-T-1945(832)--8V-77; \$500,000 (maximum) in Iowa DOT Traffic Safety Funds under CS-TSF-1945(829)--85-77; \$507,547 in Storm Water Utility Funds, SM057; \$328,352 in private donations from the Roosevelt Cultural District; \$6,600 in Des Moines Water Works for water main relocation.

SLN

CS-TSF-1945(829)--85-77, TAP-T-1945(832)--8V-77

★ Roll Call Number

Agenda Item Number

16B

DATE May 20, 2019

COUNCIL ACTION	YEAS	NAYS	Pass	
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				
MOTION CARRIED				APPROVED
_____				Mayor

CERTIFICATE

I, DIANE RAUH, 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

42nd Street Streetscape from I-235 to Crocker Street

Activity ID 04-2016-010

On March 6, 2017, under Roll Call No. 17-0414, the Council awarded the contract for the above improvements to Jasper Construction Services, Inc., in the amount of \$2,243,774.33. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	5/11/2017 Items 8001 - 8004 are to address concerns regarding traffic redirection. Item 8005 is to utilize DocExpress software for construction administration.	\$24,959.80
2	City	6/20/2017 Part A Items incorporate the following 8009) PCC electric transformer pad to provide underground service to Hubbell Elementary, 8010) 18" concrete banding around streetscape pavers, 8011) tree trimming to avoid damage to tree limbs by construction equipment, 8012) replace stop box housings encountered during grading, 8013) abandon water service encountered during grading, 8014) paint temporary crosswalk at 42nd Street & Crocker Street, 8015) install temporary pedestrian crossing signs at 42nd Street & Crocker, 8016) construct modified top for Intake 7 due to proximity of a duct bank below gutter line.	\$24,943.79
3	City	7/13/2017 Part A Items incorporate the following 8017) 18" concrete banding, 8018) 9" concrete banding, 8019) reinforced PCC shelter pad, 8020) relocate school flasher signal, 8021) temporary business signing. Part B Item 0980 is to remove trees from the contract; all project trees will be planted by City of Des Moines Public Works Dept.	\$24,716.40
4	City	8/22/2017 Part B Items include the following: 8022) Hook-up underground electric at boiler building, 8023) Install electric service between HAWK and school flasher, 8024) Bore 4" conduit between transformer and Hubbell Elementary, 8025) Trench 4" conduit between transformer and boiler building, 8026) Modify intermediate completion provisions.	\$24,999.98

5	City	9/13/2017 Additional police officers for traffic control, install 1.5" conduit from new transformer to Hubbell Elementary boiler building, install underground service from new transformer to existing Hubbell Elementary transformer, and install secondary service wire to Hubbell Elementary boiler building meter.	\$24,929.43
6	City	10/17/2017 Item 8001 is for additional portable dynamic message signs to alert traffic of an upcoming road closure. Item 8031 is to reroute/reconnect a previously-unlocated sanitary sewer service around new storm sewer at Hubbell Elementary. Item 8032 is to abandon an existing 18" storm sewer pipe with flowable mortar. Item 8033 is for additional traffic control and mobilization to close 42nd Street and Crocker Street for paving.	\$24,938.02
7	City	11/13/2017 Part A Items are for unanticipated overruns for previously-established contract quantities including 0190) Granular Backfill and 8001) Portable Dynamic Message Sign. Part B Items are for the following: 8034) construct Intake 11 as a modified intake, 8035) patch sidewalk removal areas resulting from utility construction, and 8036) close 42nd Street for surface paving.	\$24,978.50
8	City	12/18/2017 Part A Items are to adjust contract quantities to as-built quantities. Primary quantity overruns include the following: 120) 8-inch PCC at crosswalks, 140-160) HMA pavement for full-depth repairs, 190) granular backfill to accelerate storm sewer construction, 630) flaggers for alternating traffic control, and 8003) uniformed police officers for traffic control during school hours. Part B Items include the following: 8037) remobilization for additional paint lines and symbols, 8038) geogrid for subgrade stabilization, 8039) water service plumbing for three service repairs, and 8040) PCC fill material between new curb and existing pavement.	\$115,775.98
9	City	1/25/2018 Part A items adjust contract quantities to as-built quantities. Part B Item 8041 is to install round sign posts per City specification. Item 8042 is to install temporary traffic control signs on channelizers.	\$12,291.00
10	City	11/30/2018 Part A items adjust contract quantities to as-built quantities, including 910) Seeding, 920) Sodding, 950) Mobilizations for Erosion Control, 960) Mulch, and 8018) PCC Sidewalk Band. Part B items are to remove a concrete sign footing and remove/reinstall pavement markings for an accessible parking stall.	\$3,426.59

Original Contract Amount	\$2,243,774.33
Total Change Orders	\$305,959.49
Percent of Change Orders to Original Contract	13.64%
Total Contract Amount	\$2,549,733.82

16B

May 20, 2019



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 42nd Street Streetscape from I-235 to Crocker Street, Jasper Construction Services, Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$2,549,733.82 As-Built Contract Cost

Funding Source: 2019-2020 CIP, Page Streets, 42nd Street Streetscape, ST258, Being: \$727,234.82 in G.O. Bonds; \$480,000 (maximum) in Transportation Alternative Program (TAP) funds being 80% eligible construction costs under TAP-T-1945(832)--8V-77; \$500,000 (maximum) in Iowa DOT Traffic Safety Funds under CS-TSF-1945(829)--85-77; \$507,547 in Storm Water Utility Funds, SM057; \$328,352 in private donations from the Roosevelt Cultural District; \$6,600 in Des Moines Water Works for water main relocation.

CERTIFICATION OF COMPLETION:

On March 6, 2017, under Roll Call No. 17-0414, the City Council awarded a contract to Jasper Construction Services, Inc., Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA 50208 for the construction of the following improvement:

42nd Street Streetscape from I-235 to Crocker Street, 04-2016-010

The improvement includes construction of sidewalks, driveways, site furnishings, plantings, and Hot Mix Asphalt (HMA) paving, together with the necessary removals, earthwork, clearing and grubbing, erosion control, subdrains, storm sewers, traffic control, traffic signals, and street lighting; all in accordance with the contract documents, including Plan File Nos. 577-132/218, on 42nd Street from I-235 to Crocker Street, Des Moines, Iowa

I hereby certify that the construction of said 42nd Street Streetscape from I-235 to Crocker Street, Activity ID 04-2016-010, 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 17, 2017, and was completed on May 6, 2019.

I further certify that \$2,549,733.82 is the total cost of said improvement, of which \$2,519,733.82 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.

A handwritten signature in black ink that reads "Steven L. Naber" followed by "P.E." in smaller letters.

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

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



FINAL QUANTITIES OF CONSTRUCTION COMPLETED
FROM 12/29/2018 TO 03/19/2019
FINAL PAYMENT (PARTIAL PAYMENT NO. 14)

PROJECT: 42ND STREET STREETScape
CONTRACTOR: JASPER CONSTRUCTION SERVICES, INC.

Iowa DOT: TAP-T-1945(832)—8V-77
Activity ID: 04-2016-010
Date: 03/19/2019

LINE NO.	DESCRIPTION	UNIT	UNITS						UNIT PRICE	AMOUNT			
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE			TOTAL		DIVISION 1 (TAP)	DIVISION 2 (DMWW)	DIVISION 3 (STORM)	TOTAL
					DIVISION 1 (TAP)	DIVISION 2 (DMWW)	DIVISION 3 (STORM)						
0010	CLEARING AND GRUBBING	UNIT	14.000	14.000	14.00	0.00	0.00	14.000	\$110.00	\$1,540.00	\$0.00	\$0.00	\$1,540.00
0020	EXCAVATION, CLASS 13, ROADWAY AND BORROW	CY	350.000	450.000	450.00	0.00	0.00	450.000	\$45.00	\$20,250.00	\$0.00	\$0.00	\$20,250.00
0030	TOPSOIL, FURNISH AND SPREAD	CY	350.000	350.000	350.00	0.00	0.00	350.000	\$45.00	\$15,750.00	\$0.00	\$0.00	\$15,750.00
0040	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	1,090.000	1,090.000	1,090.00	0.00	0.00	1,090.000	\$18.00	\$19,620.00	\$0.00	\$0.00	\$19,620.00
0050	SPECIAL COMPACTION OF SUBGRADE, 12 IN	STA	5.770	6.700	6.70	0.00	0.00	6.700	\$1,650.00	\$11,055.00	\$0.00	\$0.00	\$11,055.00
0060	MODIFIED SUBBASE, 6 INCH	CY	438.330	612.000	612.00	0.00	0.00	612.000	\$82.50	\$50,490.00	\$0.00	\$0.00	\$50,490.00
0070	SHOULDER CONSTRUCTION, EARTH	STA	12.800	12.800	12.80	0.00	0.00	12.800	\$550.00	\$7,040.00	\$0.00	\$0.00	\$7,040.00
0080	PATCHES, FULL-DEPTH REPAIR	SY	29.000	40.300	40.30	0.00	0.00	40.300	\$75.00	\$3,022.50	\$0.00	\$0.00	\$3,022.50
0090	PATCHES BY COUNT (REPAIR)	EACH	2.000	3.000	3.00	0.00	0.00	3.000	\$125.00	\$375.00	\$0.00	\$0.00	\$375.00
0100	REMOVAL OF CURB	STA	7.300	8.800	8.80	0.00	0.00	8.800	\$1,250.00	\$11,000.00	\$0.00	\$0.00	\$11,000.00
0110	PAVEMENT SCARIFICATION	SY	3,785.000	2,260.000	2,260.00	0.00	0.00	2,260.000	\$8.00	\$18,080.00	\$0.00	\$0.00	\$18,080.00
0120	STD OR SF PCC PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.	SY	185.000	408.000	408.00	0.00	0.00	408.000	\$150.00	\$61,200.00	\$0.00	\$0.00	\$61,200.00
0130	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LUMP	1.000	0.000	0.00	0.00	0.000	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00	
0140	HMA, HT, BASE, 3/4 IN. MIX	TON	292.000	369.220	369.22	0.00	0.00	369.220	\$110.00	\$40,614.20	\$0.00	\$0.00	\$40,614.20
0150	HMA, HT, INTERMEDIATE, 3/4 IN. MIX	TON	292.000	369.220	369.22	0.00	0.00	369.220	\$110.00	\$40,614.20	\$0.00	\$0.00	\$40,614.20
0160	HMA, HT, SURFACE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	403.000	532.310	532.31	0.00	0.00	532.310	\$105.00	\$55,892.55	\$0.00	\$0.00	\$55,892.55
0170	ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC	TON	60.000	63.970	63.97	0.00	0.00	63.970	\$500.00	\$31,985.00	\$0.00	\$0.00	\$31,985.00
0180	REMOVAL OF SIGN	EACH	9.000	9.000	9.00	0.00	0.00	9.000	\$90.00	\$810.00	\$0.00	\$0.00	\$810.00
0190	GRANULAR BACKFILL	TON	410.000	1,643.200	\$23.80	0.00	819.40	1,643.200	\$49.50	\$40,778.10	\$0.00	\$40,560.30	\$81,338.40
0200	STEEL PIPE PEDESTRIAN HAND RAILING	LF	28.000	28.000	28.00	0.00	0.40	28.400	\$200.00	\$5,680.00	\$0.00	\$80.00	\$5,760.00
0210	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	1.000	1.000	1.00	0.00	0.00	1.000	\$5,450.00	\$5,450.00	\$0.00	\$0.00	\$5,450.00
0220	MANHOLE, STORM SEWER, SW-404	EACH	4.000	4.000	4.00	0.00	4.00	4.000	\$24,700.00	\$0.00	\$0.00	\$98,800.00	\$98,800.00
0230	INTAKE, SW-501	EACH	8.000	8.000	8.00	0.00	0.00	8.000	\$5,450.00	\$43,600.00	\$0.00	\$0.00	\$43,600.00
0240	INTAKE, SW-505	EACH	2.000	2.000	2.00	0.00	0.00	2.000	\$9,000.00	\$18,000.00	\$0.00	\$0.00	\$18,000.00
0250	INTAKE, SW-506	EACH	1.000	1.000	1.00	0.00	0.00	1.000	\$14,800.00	\$14,800.00	\$0.00	\$0.00	\$14,800.00
0260	INTAKE ADJUSTMENT, MINOR	EACH	6.000	3.000	3.00	0.00	0.00	3.000	\$2,750.00	\$8,250.00	\$0.00	\$0.00	\$8,250.00
0270	INTAKE ADJUSTMENT, MAJOR	EACH	1.000	1.000	1.00	0.00	0.00	1.000	\$2,750.00	\$2,750.00	\$0.00	\$0.00	\$2,750.00
0280	CONNECTION TO EXISTING INTAKE	EACH	1.000	2.000	0.00	0.00	2.00	2.000	\$1,650.00	\$0.00	\$0.00	\$3,300.00	\$3,300.00
0290	TEMPORARY SHEET PILES AND SHORING	LUMP	1.000	1.000	0.00	0.00	1.00	1.000	\$27,500.00	\$0.00	\$0.00	\$27,500.00	\$27,500.00
0300	SUBDRAIN, PERFORATED PLASTIC PIPE, 6 IN DIA.	LF	1,575.000	1,475.000	1,475.00	0.00	0.00	1,475.000	\$27.50	\$40,562.50	\$0.00	\$0.00	\$40,562.50
0310	SUBDRAIN RISER, 6 IN., AS PER PLAN	EACH	8.000	8.000	8.00	0.00	0.00	8.000	\$1,320.00	\$10,560.00	\$0.00	\$0.00	\$10,560.00
0320	SUBDRAIN OUTLET, DR-303	EACH	10.000	8.000	8.00	0.00	0.00	8.000	\$330.00	\$2,640.00	\$0.00	\$0.00	\$2,640.00
0330	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 15 IN.	LF	171.000	186.000	186.00	0.00	0.00	186.000	\$104.50	\$19,437.00	\$0.00	\$0.00	\$19,437.00
0340	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 18 IN.	LF	300.000	300.000	300.00	0.00	0.00	300.000	\$110.00	\$33,000.00	\$0.00	\$0.00	\$33,000.00
0350	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 24 IN.	LF	148.000	148.000	81.00	0.00	67.00	148.000	\$121.00	\$9,801.00	\$0.00	\$8,107.00	\$17,908.00
0360	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 42 IN.	LF	140.000	140.000	0.00	0.00	140.00	140.000	\$220.00	\$0.00	\$0.00	\$30,800.00	\$30,800.00
0370	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 48 IN.	LF	403.000	403.000	0.00	0.00	403.00	403.000	\$302.50	\$0.00	\$0.00	\$121,907.50	\$121,907.50
0380	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	165.000	181.000	181.00	0.00	0.00	181.000	\$33.00	\$5,973.00	\$0.00	\$0.00	\$5,973.00
0390	REMOVAL OF PAVEMENT	SY	3,627.000	4,213.000	4,213.00	0.00	0.00	4,213.000	\$20.00	\$84,260.00	\$0.00	\$0.00	\$84,260.00
0400	REMOVAL OF INTAKES AND UTILITY ACCESSSES	EACH	9.000	9.000	8.50	0.00	0.50	9.000	\$1,650.00	\$14,025.00	\$0.00	\$825.00	\$14,850.00
0410	REMOVAL OF SIDEWALK	SY	1,141.000	1,172.600	1,165.90	0.00	6.70	1,172.600	\$20.00	\$23,318.00	\$0.00	\$134.00	\$23,452.00
0420	SIDEWALK, P.C. CONCRETE, 5 IN.	SY	1,231.000	1,317.300	1,317.30	0.00	0.00	1,317.300	\$20.00	\$26,346.00	\$0.00	\$0.00	\$26,346.00
0430	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	169.000	201.100	201.10	0.00	0.00	201.100	\$125.00	\$25,137.50	\$0.00	\$0.00	\$25,137.50
0440	DETECTABLE WARNINGS	SF	210.000	215.000	215.00	0.00	0.00	215.000	\$50.00	\$10,750.00	\$0.00	\$0.00	\$10,750.00
0450	PEDESTRIAN CHANNELIZER	LF	1,000.000	428.000	328.00	0.00	100.00	428.000	\$20.00	\$6,560.00	\$0.00	\$2,000.00	\$8,560.00
0460	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	2,563.000	2,477.000	2,477.00	0.00	0.00	2,477.000	\$40.00	\$99,080.00	\$0.00	\$0.00	\$99,080.00
0470	DRIVEWAY, P.C. CONCRETE, 7 IN.	SY	175.000	342.000	342.00	0.00	0.00	342.000	\$80.00	\$27,360.00	\$0.00	\$0.00	\$27,360.00
0480	REMOVAL OF PAVED DRIVEWAY	SY	257.000	276.800	276.80	0.00	0.00	276.800	\$20.00	\$5,536.00	\$0.00	\$0.00	\$5,536.00
0490	SAFETY CLOSURE	EACH	6.000	2.000	2.00	0.00	0.00	2.000	\$150.00	\$300.00	\$0.00	\$0.00	\$300.00
0500	REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK 16 FOOT	LF	36.000	36.000	36.00	0.00	0.00	36.000	\$60.00	\$2,160.00	\$0.00	\$0.00	\$2,160.00
0510	REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK 6 FOOT	LF	395.000	395.000	395.00	0.00	0.00	395.000	\$22.50	\$8,887.50	\$0.00	\$0.00	\$8,887.50
0520	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	13.000	10.000	10.00	0.00	0.00	10.000	\$132.00	\$1,320.00	\$0.00	\$0.00	\$1,320.00
0530	POSTS, STEEL, AS PER PLAN	EACH	20.000	22.000	20.00	0.00	2.00	22.000	\$110.00	\$2,420.00	\$0.00	\$220.00	\$2,640.00
0540	INSTALL TYPE A SIGN	EACH	20.000	29.000	20.00	0.00	9.00	29.000	\$110.00	\$2,200.00	\$0.00	\$990.00	\$3,190.00
0550	TRAFFIC SIGNALIZATION	LUMP	1.000	1.000	0.75	0.00	0.25	1.000	\$245,080.00	\$183,810.00	\$0.00	\$61,270.00	\$245,080.00

LINE NO.	DESCRIPTION	UNIT	UNITS										AMOUNT		
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE			UNIT PRICE	DIVISION 1 TOTAL (TAP)	DIVISION 2 TOTAL (DM/AV)	DIVISION 3 TOTAL (STORM)	TOTAL	TOTAL (DM/AV)	TOTAL (STORM)	TOTAL
					DIVISION 1 (TAP)	DIVISION 2 (DM/AV)	DIVISION 3 (STORM)								
0560	REMOVAL OF TRAFFIC SIGNALIZATION	LUMP	1.000	1.000	0.00	0.00	0.00	0.00	1.000	\$7,500.00	\$7,500.00	\$0.00	\$0.00	\$7,500.00	
0570	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	9.100	35.600	35.60	0.00	0.00	0.00	35.600	\$1,174.80	\$1,174.80	\$0.00	\$0.00	\$1,174.80	
0580	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL	STA	35.410	21.300	21.30	0.00	0.00	0.00	21.300	\$680.00	\$14,484.00	\$0.00	\$0.00	\$14,484.00	
0590	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	8.000	13.000	13.00	0.00	0.00	0.00	13.000	\$90.00	\$1,170.00	\$0.00	\$0.00	\$1,170.00	
0600	PAVEMENT MARKINGS REMOVED	STA	1.000	9.200	9.20	0.00	0.00	0.00	9.200	\$110.00	\$1,012.00	\$0.00	\$0.00	\$1,012.00	
0610	TEMPORARY FLOODLIGHTING LUMINAIRE	EACH	5.000	0.000	0.00	0.00	0.00	0.00	0.000	\$2,300.00	\$0.00	\$0.00	\$0.00	\$0.00	
0620	TRAFFIC CONTROL	LUMP	1.000	1.000	1.00	0.00	0.00	0.00	1.000	\$20,000.00	\$20,000.00	\$0.00	\$0.00	\$20,000.00	
0630	FLAGGERS	EACH	8.000	78.000	78.00	0.00	0.00	0.00	78.000	\$450.00	\$35,100.00	\$0.00	\$0.00	\$35,100.00	
0640	MOBILIZATION	LUMP	1.000	1.000	1.00	0.00	0.00	0.00	1.000	\$220,000.00	\$220,000.00	\$0.00	\$0.00	\$220,000.00	
0650	AMENDED SOIL	CY	84.000	69.500	69.50	0.00	0.00	0.00	69.500	\$100.00	\$6,950.00	\$0.00	\$0.00	\$6,950.00	
0660	VALVE BOX REPLACEMENT	EACH	2.000	2.000	2.00	0.00	0.00	0.00	2.000	\$825.00	\$1,650.00	\$0.00	\$0.00	\$1,650.00	
0670	(EACH ITEM) ACCENT LIGHTING UNIT WITH FOOTING	EACH	6.000	6.000	6.00	0.00	0.00	0.00	6.000	\$1,450.00	\$8,700.00	\$0.00	\$0.00	\$8,700.00	
0680	(EACH ITEM) BENCH	EACH	2.000	2.000	2.00	0.00	0.00	0.00	2.000	\$3,500.00	\$7,000.00	\$0.00	\$0.00	\$7,000.00	
0690	(EACH ITEM) BIKE LOOP	EACH	6.000	6.000	6.00	0.00	0.00	0.00	6.000	\$970.00	\$5,820.00	\$0.00	\$0.00	\$5,820.00	
0700	(EACH ITEM) FIRE HYDRANT ASSEMBLY	EACH	2.000	2.000	2.00	0.00	0.00	0.00	2.000	\$6,600.00	\$13,200.00	\$0.00	\$0.00	\$13,200.00	
0710	(EACH ITEM) GATEWAY COLUMN, LARGE	EACH	3.000	3.000	3.00	0.00	0.00	0.00	3.000	\$25,000.00	\$75,000.00	\$0.00	\$0.00	\$75,000.00	
0720	(EACH ITEM) GATEWAY COLUMN, SMALL	EACH	6.000	6.000	6.00	0.00	0.00	0.00	6.000	\$10,000.00	\$60,000.00	\$0.00	\$0.00	\$60,000.00	
0730	(EACH ITEM) HANDHOLES	EACH	12.000	10.000	10.00	0.00	0.00	0.00	10.000	\$1,350.00	\$13,500.00	\$0.00	\$0.00	\$13,500.00	
0740	(EACH ITEM) INLET PROTECTION DEVICE	EACH	16.000	15.000	15.00	0.00	0.00	0.00	15.000	\$180.00	\$2,700.00	\$0.00	\$0.00	\$2,700.00	
0750	(EACH ITEM) LIGHTING UNIT FOOTING	EACH	14.000	0.000	0.00	0.00	0.00	0.00	0.000	\$2,600.00	\$0.00	\$0.00	\$0.00	\$0.00	
0760	(EACH ITEM) LIMESTONE SEAT BLOCKS	EACH	5.000	5.000	5.00	0.00	0.00	0.00	5.000	\$1,250.00	\$6,250.00	\$0.00	\$0.00	\$6,250.00	
0770	(EACH ITEM) PERENNIAL PLANTS, FURNISHED & INSTALLED	EACH	270.000	229.000	229.00	0.00	0.00	0.00	229.000	\$36.00	\$8,244.00	\$0.00	\$0.00	\$8,244.00	
0780	(EACH ITEM) SECONDARY ELECTRICAL SERVICE CONNECTION	EACH	4.000	1.000	1.00	0.00	0.00	0.00	1.000	\$750.00	\$750.00	\$0.00	\$0.00	\$750.00	
0790	(EACH ITEM) TEMPORARY CONSTRUCTION ACCESS	EACH	1.000	1.000	1.00	0.00	0.00	0.00	1.000	\$22,000.00	\$22,000.00	\$0.00	\$0.00	\$22,000.00	
0800	(EACH ITEM) TRASH RECEPTACLE	EACH	2.000	2.000	2.00	0.00	0.00	0.00	2.000	\$2,500.00	\$5,000.00	\$0.00	\$0.00	\$5,000.00	
0810	(LINEAR FEET ITEM) TREE PROTECTION FENCE	LF	300.000	190.000	190.00	0.00	0.00	0.00	190.000	\$4.00	\$760.00	\$0.00	\$0.00	\$760.00	
0820	(LINEAR FEET ITEM) CONDUIT, 2 INCH TRENCHED	LF	1,800.000	1,643.000	1,643.00	0.00	0.00	0.00	1,643.000	\$10.25	\$16,840.75	\$0.00	\$0.00	\$16,840.75	
0830	(LINEAR FEET ITEM) LIGHTING CIRCUIT WITH CONDUIT	LF	520.000	592.000	592.00	0.00	0.00	0.00	592.000	\$18.75	\$9,750.00	\$0.00	\$0.00	\$9,750.00	
0840	(LINEAR FEET ITEM) TRENCH DRAIN	LF	25.000	25.000	25.00	0.00	0.00	0.00	25.000	\$500.00	\$12,500.00	\$0.00	\$0.00	\$12,500.00	
0850	(LUMP SUM ITEM) TREE PROTECTION PLAN	LUMP	1.000	1.000	1.00	0.00	0.00	0.00	1.000	\$2,000.00	\$2,000.00	\$0.00	\$0.00	\$2,000.00	
0860	(SQUARE YARD ITEM) STAIRS	SF	80.000	92.000	92.00	0.00	0.00	0.00	92.000	\$18,750.00	\$1,725,000.00	\$0.00	\$0.00	\$1,725,000.00	
0870	(SQUARE YARD ITEM) CONCRETE UNIT PAVERS	SF	234.000	248.100	248.10	0.00	0.00	0.00	248.100	\$175.00	\$43,417.50	\$0.00	\$0.00	\$43,417.50	
0880	(SQUARE YARD ITEM) CONCRETE UNIT PAVERS	SF	94.000	94.000	94.00	0.00	0.00	0.00	94.000	\$200.00	\$18,800.00	\$0.00	\$0.00	\$18,800.00	
0890	MULCHING	ACRE	0.550	0.660	0.66	0.00	0.00	0.00	0.660	\$3,000.00	\$1,980.00	\$0.00	\$0.00	\$1,980.00	
0910	SEEDING AND FERTILIZING (URBAN)	ACRE	0.550	0.550	0.55	0.00	0.00	0.00	0.550	\$3,000.00	\$1,650.00	\$0.00	\$0.00	\$1,650.00	
0920	SODDING	SQ	130.100	134.200	134.20	0.00	0.00	0.00	134.200	\$100.00	\$13,420.00	\$0.00	\$0.00	\$13,420.00	
0930	PERMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF	2,309.000	630.000	325.00	0.00	0.00	0.00	305.000	\$30.00	\$9,150.00	\$0.00	\$0.00	\$9,150.00	
0940	REMOVAL OF PERMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	2,309.000	630.000	325.00	0.00	0.00	0.00	305.000	\$30.00	\$9,150.00	\$0.00	\$0.00	\$9,150.00	
0950	MOBILIZATION, EROSION CONTROL	EACH	5.000	9.000	9.00	0.00	0.00	0.00	9.000	\$500.00	\$4,500.00	\$0.00	\$0.00	\$4,500.00	
0960	MULCH, SHREDDED BARK	CY	21.000	0.000	0.00	0.00	0.00	0.00	0.000	\$80.00	\$0.00	\$0.00	\$0.00	\$0.00	
0970	SHRUBS, FURNISHED AND INSTALLED (WITH WARRANTY)	EACH	4.000	4.000	4.00	0.00	0.00	0.00	4.000	\$70.00	\$280.00	\$0.00	\$0.00	\$280.00	
0980	TREES, FURNISHED AND INSTALLED (WITH WARRANTY)	EACH	37.000	0.000	0.00	0.00	0.00	0.00	0.000	\$600.00	\$0.00	\$0.00	\$0.00	\$0.00	
8001	PORTABLE DYNAMIC MESSAGE SIGN	DAY	0.000	30.000	19.00	0.00	0.00	0.00	30.000	\$110.00	\$2,090.00	\$0.00	\$0.00	\$2,090.00	
8002	TEMPORARY GRANULAR SURFACING	TON	0.000	106.500	0.00	0.00	0.00	0.00	106.500	\$66.00	\$7,029.00	\$0.00	\$0.00	\$7,029.00	
8003	UNIFORMED POLICE OFFICER, 5 HR SHIFT	EACH	0.000	107.000	0.00	0.00	0.00	0.00	107.000	\$247.50	\$26,482.50	\$0.00	\$0.00	\$26,482.50	
8004	SPEED RUMP PAVEMENT MARKINGS	EACH	0.000	2.000	0.00	0.00	0.00	0.00	2.000	\$440.00	\$880.00	\$0.00	\$0.00	\$880.00	
8005	UTILIZE DOZE/EXPRESS	LS	0.000	1.000	0.00	0.00	0.00	0.00	1.000	\$8.00	\$8.00	\$0.00	\$0.00	\$8.00	
8006	SPEED HUMP MILLING	SF	0.000	51.000	0.00	0.00	0.00	0.00	51.000	\$38.50	\$1,963.50	\$0.00	\$0.00	\$1,963.50	
8007	SPEED HUMP HMA, 1/2" MIX STANDARD TRAFFIC	TON	0.000	10.010	0.00	0.00	0.00	0.00	10.010	\$330.00	\$3,303.30	\$0.00	\$0.00	\$3,303.30	
8008	SPEED HUMP TRAFFIC CONTROL	LS	0.000	1.000	0.00	0.00	0.00	0.00	1.000	\$1,070.00	\$1,070.00	\$0.00	\$0.00	\$1,070.00	
8009	PCC TRANSFORMER PAD	LS	0.000	1.000	0.00	0.00	0.00	0.00	1.000	\$10,785.00	\$10,785.00	\$0.00	\$0.00	\$10,785.00	
8010	18 IN CONCRETE SIDEWALK BAND	LF	0.000	131.000	0.00	0.00	0.00	0.00	131.000	\$35.90	\$4,702.90	\$0.00	\$0.00	\$4,702.90	
8011	TREE TRIMMING	LS	0.000	1.000	0.00	0.00	0.00	0.00	1.000	\$1,265.00	\$1,265.00	\$0.00	\$0.00	\$1,265.00	
8012	REPLACE STOP BOX HOUSING	EACH	0.000	2.000	0.00	0.00	0.00	0.00	2.000	\$715.00	\$1,430.00	\$0.00	\$0.00	\$1,430.00	
8013	ABANDON WATER SERVICE	EACH	0.000	3.000	0.00	0.00	0.00	0.00	3.000	\$1,733.00	\$5,199.00	\$0.00	\$0.00	\$5,199.00	
8014	CROSSWALK STRIPING, 42ND & CROCKER	STA	0.000	1.060	0.00	0.00	0.00	0.00	1.060	\$891.99	\$891.99	\$0.00	\$0.00	\$891.99	
8015	PEDESTRIAN CROSSING SIGNS	EACH	0.000	3.000	0.00	0.00	0.00	0.00	3.000	\$775.00	\$2,325.00	\$0.00	\$0.00	\$2,325.00	
8016	MODIFIED INTAKE 7	LS	0.000	1.000	0.00	0.00	0.00	0.00	1.000	\$3,550.00	\$3,550.00	\$0.00	\$0.00	\$3,550.00	
8017	18 IN CONCRETE ROAD BAND	LF	0.000	282.600	9.60	0.00	0.00	0.00	273.000	\$37.25	\$3,576.60	\$0.00	\$0.00	\$3,576.60	
8018	9 IN CONCRETE SIDEWALK BAND	LF	0.000	1,069.000	151.00	0.00	0.00	0.00	918.000	\$33.80	\$31,028.40	\$0.00	\$0.00	\$31,028.40	
8019	REINFORCED PCC SHELTER PAD	SF	0.000	21.500	0.00	0.00	0.00	0.00	21.500	\$125.00	\$2,687.50	\$0.00	\$0.00	\$2,687.50	
8020	RELOCATE SCHOOL FLASHER SIGNAL	LS	0.000	1.000	0.00	0.00	0.00	0.00	1.000	\$1,608.75	\$1,608.75	\$0.00	\$0.00	\$1,608.75	
8021	BUSINESS SIGNS	EACH	0.000	4.000	0.00	0.00	0.00	0.00	4.000	\$233.75	\$935.00	\$0.00	\$0.00	\$935.00	

16B

LINE NO.	DESCRIPTION	UNIT	UNITS				CONSTRUCTED TO DATE				AMOUNT			
			ESTIMATED	AUTHORIZED	DIVISION 1 (TAP)	DIVISION 2 (DMWV)	DIVISION 3 (STORM)	TOTAL	DIVISION 1 TOTAL (TAP)	DIVISION 2 TOTAL (DMWV)	DIVISION 3 TOTAL (STORM)	TOTAL	TOTAL	
														UNIT PRICE
8022	BOILER BUILDING ELECTRICAL SERVICE HOOK-UP	LS	0.00	1.000	0.00	0.00	0.00	1.000			\$10,516.00	\$0.00	\$0.00	\$10,516.00
8023	ELECTRIC SERVICE BETWEEN HWK SIGNAL AND SCHOOL FLASHER	LS	0.00	1.000	0.00	0.00	1.000				\$1,295.25	\$0.00	\$0.00	\$1,295.25
8024	4 IN. CONDUIT FOR SCHOOL ELECTRIC SERVICE	LF	0.00	415.000	0.00	0.00	415.000				\$26.40	\$0.00	\$0.00	\$10,956.00
8025	4 IN. CONDUIT FOR BOILER BUILDING ELECTRICAL SERVICE	LS	0.00	1.000	0.00	0.00	1.000				\$2,232.73	\$0.00	\$0.00	\$2,232.73
8026	MODIFY INTERMEDIATE COMPLETION DATE	LS	0.00	1.000	0.00	0.00	1.000				\$0.00	\$0.00	\$0.00	\$0.00
8027	1.5 IN CONDUIT FROM TRANSFORMER TO BOILER BUILDING	LS	0.00	1.000	0.00	0.00	1.000				\$1,606.00	\$0.00	\$0.00	\$1,606.00
8028	UNDERGROUND SERVICE TO 900 42ND STREET	LF	0.00	500.000	0.00	0.00	500.000				\$19.58	\$0.00	\$0.00	\$9,567.18
8029	ELECTRICAL SERVICE WIRE	LF	0.00	375.000	0.00	0.00	375.000				\$7.15	\$0.00	\$0.00	\$2,681.25
8030	SECONDARY SERVICE WIRE TO BUILDING METER	LS	0.00	8.000	0.00	0.00	8.000				\$9,648.02	\$0.00	\$0.00	\$9,648.02
8031	RECONNECT SANITARY SERVICE AT HUBBELL ELEM	LS	0.00	1.000	0.00	0.00	1.000				\$2,200.00	\$0.00	\$0.00	\$2,200.00
8032	ABANDON EXISTING STM PIPE WITH FLOWABLE MORTAR	CY	0.00	8.000	0.00	0.00	8.000				\$12,760.00	\$0.00	\$0.00	\$12,760.00
8033	CLOSURE OF 42ND STREET & CROCKER STREET FOR PAVING	LS	0.00	1.000	0.00	0.00	1.000				\$3,550.00	\$0.00	\$0.00	\$3,550.00
8034	INTAKE 11, MODIFIED	LS	0.00	25.700	0.00	0.00	25.700				\$70.00	\$0.00	\$0.00	\$1,799.00
8035	SIDEWALK SPOT REPAIR	SY	0.00	1.000	0.00	0.00	1.000				\$4,224.00	\$0.00	\$0.00	\$4,224.00
8036	CLOSURE OF 42ND STREET FOR SURFACE PAVING	LS	0.00	1.000	0.00	0.00	1.000				\$5,135.00	\$0.00	\$0.00	\$5,135.00
8037	PAVEMENT MARKING REMOBILIZATION	LS	0.00	200.000	0.00	0.00	200.000				\$11.00	\$2,200.00	\$0.00	\$2,200.00
8038	GEOGRID	SY	0.00	1.000	0.00	0.00	1.000				\$3,723.00	\$0.00	\$0.00	\$3,723.00
8039	WATER SERVICE PLUMBING	LS	0.00	1,241.000	0.00	0.00	1,241.000				\$3.00	\$0.00	\$0.00	\$3,720.00
8040	PCC FILL MATERIAL	LF	0.00	6.000	0.00	0.00	6.000				\$38.50	\$0.00	\$0.00	\$77.00
8041	CORE DRILL SIGN BASE	EA	0.00	2.000	0.00	0.00	2.000				\$275.00	\$0.00	\$0.00	\$275.00
8042	CHANNELIZER-MOUNTED SIGNAGE	EA	0.00	1.000	0.00	0.00	1.000				\$660.00	\$0.00	\$0.00	\$660.00
8043	REMOVE CONCRETE SIGN FOOTING	LS	0.00	1.000	0.00	0.00	1.000				\$0.00	\$0.00	\$0.00	\$0.00
8044	REMOVE & REINSTALL PAVEMENT MARKINGS	LS	0.00	1.000	0.00	0.00	1.000				\$0.00	\$0.00	\$0.00	\$0.00
SUBTOTAL											\$1,862,113.00	\$6,600.00	\$680,085.82	\$2,549,733.82

TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS	\$2,549,733.82
PARTIAL PAYMENT 01	\$104,355.03
PARTIAL PAYMENT 02	\$277,980.58
PARTIAL PAYMENT 03	\$303,386.10
PARTIAL PAYMENT 04	\$213,443.97
PARTIAL PAYMENT 05	\$512,345.27
PARTIAL PAYMENT 06	\$296,604.59
PARTIAL PAYMENT 07	\$387,400.67
PARTIAL PAYMENT 08	\$251,184.41
PARTIAL PAYMENT 09	\$144,047.60
PARTIAL PAYMENT 10	\$1,397.00
PARTIAL PAYMENT 11	\$2,000.00
PARTIAL PAYMENT 12	\$19,809.20
PARTIAL PAYMENT 13	\$5,787.40
THIS PARTIAL PAYMENT	\$0.00
TOTAL PARTIAL PAYMENTS	\$2,519,733.82
BALANCE	\$30,000.00

PREPARED BY: *Brett Lewis*
 CHECKED BY: *John L. [Signature]*
 CONTRACTOR: *[Signature]*