



Roll Call Number

Agenda Item Number

6C

DATE October 24, 2016

ORDERING CONSTRUCTION OF
PARK AVENUE WIDENING - S.W. 56TH STREET TO S.W. 63RD STREET
AND FIXING A DATE FOR RECEIVING OF BIDS ON NOVEMBER 15, 2016
AND PUBLIC HEARING ON DECEMBER 5, 2016
ENGINEER'S ESTIMATE IS \$3,987,513.00

WHEREAS, this Council deems it advisable and necessary to construct the below referenced improvement, all in accordance with the plans and specifications, and has caused to be prepared plans, specifications, and form of contract, together with estimate of cost, which are now on file in the City Engineer's Office, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa 50309, for public inspection for the construction of said improvements, and said plans, specifications and form of contract are deemed suitable for the making of said improvement, for which the State of Iowa Department of Transportation (IDOT) and the City of Des Moines, (CITY) have an agreement, previously approved by this Council, under which the IDOT has agreed to advertise, receive, open and tabulate sealed bids, and

WHEREAS, before said plans, specifications, form of contract, and estimated cost of the improvement may be approved, and contract for the construction of the improvement entered into, it is necessary to hold a public hearing.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost for the construction of the following improvement:

Park Avenue Widening - S.W. 56th Street to S.W. 63rd Street, 06-2011-005
STP-U-1945(796)--70-77

The improvement includes construction of Portland Cement Concrete (PCC) pavement ten (10) inches thick on Park Avenue and nine and half (9.5) inches thick on S.W. 63rd Street (IA 28) of various width pavements, and medians; together with the necessary removals, earthwork, clearing, grubbing, erosion control, PCC sidewalks, PCC driveways, subdrains, storm sewers, traffic control, traffic signals; all in accordance with the contract documents including Plan File Nos. 575-001/185 on Park Avenue from S.W. 63rd Street to 1200 feet east of S.W. 56th Street, and S.W. 63rd Street from Park Avenue to 700 feet south of Park Avenue, Des Moines, Iowa.

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,987,513.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on December 5, 2016, at which time this Council will consider any objections offered thereto or to the making of said improvement.



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BE IT FURTHER RESOLVED: That proposals will be received by the Iowa Department of Transportation, for the construction of said improvements, and the taking of bids in the manner required by law. Proposals received will be opened and tabulated by the Iowa Department of Transportation on November 15, 2016, after which the bids together with a report and recommendation of the Chief Civil Engineer, will be presented to City Council at its next meeting for action thereon.

BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 16-615 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool
Deputy City Attorney

Daniel E. Ritter
Des Moines Finance Director

Funding Source: 2016-2017 CIP, Page Street - 25, Park Avenue Widening - SW 56th St. to SW 63rd St., ST248, Being: \$2,050,000 (maximum) in Federal Surface Transportation Program (STP) funds being 80% eligible for roadway construction costs under STP-U-1945(796)—70-77, \$30,000 from Des Moines Water Works for water main construction, and the remaining \$1,907,513 in G.O. Bonds

COUNCIL ACTION	YEAS	NAYS	Pass	
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
TOTAL				

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.

MOTION CARRIED

APPROVED

Mayor

City Clerk

6c

PARK AVENUE WIDENING - SW 56TH ST. TO SW 63RD ST.

COST ESTIMATE Date: 10/03/2016

Project Number: STP-U-1945(796)--70-77

Activity ID: 06-2006-005

Item No.	Item Code	DIVISION 1 - ROADWAY ITEMS Item	Unit	Estimated Unites	Unit Price	Total
1	2101-0850002	CLEARING AND GRUBBING	UNIT	64	\$45.00	\$2,880.00
2	2102-0425071	SPECIAL BACKFILL	CY	330.0	\$53.00	\$17,490.00
3	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	3,240.0	\$11.00	\$35,640.00
4	2102-2710090	EXCAVATION, CLASS 10, WASTE	CY	16,250.0	\$13.00	\$211,250.00
5	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	2,120.0	\$11.00	\$23,320.00
6	2115-0100000	MODIFIED SUBBASE	CY	10,025.0	\$44.00	\$441,100.00
7	2121-7425010	GRANULAR SHOULDERS, TYPE A	TON	550.0	\$30.00	\$16,500.00
8	2123-7450000	SHOULDER CONSTRUCTION, EARTH	STA	6.40	\$400.00	\$2,560.00
9	2123-7450020	SHOULDER FINISHING, EARTH	STA	92.40	\$320.00	\$29,568.00
10	2301-1033090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9 IN.	SY	791.0	\$70.00	\$55,370.00
11	2301-1033100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 10 IN.	SY	24,925.00	\$65.00	\$1,620,125.00
12	2301-4874106	MEDIAN, DOWELLED P.C. CONCRETE, 6 INCH	SY	530.0	\$55.00	\$29,150.00
13	2301-4875004	MEDIAN, P.C. CONCRETE, 4 IN.	SY	132.0	\$45.00	\$5,940.00
14	2302-1200095	PORTLAND CEMENT CONCRETE PAVEMENT WIDENING, 9.5 IN.	SY	963.0	\$60.00	\$57,780.00
15	2304-0101000	TEMPORARY PAVEMENT	SY	210.0	\$55.00	\$11,550.00
16	2315-8275055	SURFACING, DRIVEWAY	TON	510.0	\$35.00	\$17,850.00
17	2401-6745354	REMOVAL OF CONCRETE FOOTINGS, AS PER PLAN	EACH	3		
18	2430-0000100	MODULAR BLOCK RETAINING WALL	SF	60	\$53.00	\$3,180.00
19	2435-0140200	MANHOLE, STORM SEWER, SW-402 (40" x 48")	EACH	5	\$4,500.00	\$22,500.00
20	2435-0140200	MANHOLE, STORM SEWER, SW-402 (48" x 48")	EACH	1	\$4,800.00	\$4,800.00
21	2435-0140300	MANHOLE, STORM SEWER, SW-403 (48" x 84")	EACH	1	\$6,000.00	\$6,000.00
22	2435-0250100	INTAKE, SW-501	EACH	9	\$3,200.00	\$28,800.00
23	2435-0250500	INTAKE, SW-505	EACH	2	\$3,700.00	\$7,400.00
24	2435-0250510	INTAKE, SW-505 MODIFIED	EACH	3	\$5,500.00	\$16,500.00
25	2435-0250700	INTAKE, SW-507	EACH	1	\$4,800.00	\$4,800.00
26	2435-0250900	INTAKE, SW-509	EACH	5	\$5,800.00	\$29,000.00
27	2435-0600010	MANHOLE ADJUSTMENT, MINOR	EACH	11	\$1,000.00	\$11,000.00
28	2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EACH	6	\$2,500.00	\$15,000.00
29	2435-0700010	CONNECTION TO EXISTING MANHOLE	EACH	1	\$500.00	\$500.00
30	2502-8212106	SUBDRAIN, PLASTIC PIPE, 6 IN.	LF	7,920	\$13.00	\$102,960.00
31	2502-8221303	SUBDRAIN OUTLET, DR-303	EACH	26	\$265.00	\$6,890.00
32	2503-0114215	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	1,035.0	\$55.00	\$56,925.00
33	2503-0114236	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	10.00	\$85.00	\$850.00
34	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	136	\$43.00	\$5,848.00
35	2506-4984000	FLOWABLE MORTAR	CY	100.0	\$225.00	\$22,500.00
36	2510-6745850	REMOVAL OF PAVEMENT	SY	16,360.0	\$12.00	\$196,320.00
37	2510-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH	8	\$800.00	\$6,400.00
38	2511-6745900	REMOVAL OF SIDEWALK	SY	19.0	\$8.00	\$152.00
39	2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	1,876.0	\$30.00	\$56,280.00
40	2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	87.0	\$45.00	\$3,915.00
41	2511-7528101	DETECTABLE WARNINGS	SF	90	\$45.00	\$4,050.00
42	2515-2475008	DRIVEWAY, P.C. CONCRETE, 8 IN.	SY	373.0	\$48.00	\$17,904.00
43	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	547.0	\$8.00	\$4,376.00
44	2517-4225210	RAILROAD APPROACH SECTION, P.C.C.	SY	300.0	\$85.00	\$25,500.00
45	2518-6910000	SAFETY CLOSURE	EACH	6	\$300.00	\$1,800.00

Item No.	Item Code	DIVISION 1 - ROADWAY ITEMS Item	Unit	Estimated Unites	Unit Price	Total
46	2519-4200120	REMOVAL OF FENCE, CHAIN LINK	LF	15.0	\$30.00	\$450.00
47	2520-3350015	FIELD OFFICE	EACH	1	\$5,000.00	\$5,000.00
48	2525-0000100	TRAFFIC SIGNALIZATION	LS	1.00	\$230,000.00	\$230,000.00
49	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	228.16	\$40.00	\$9,126.40
50	2527-9263126	PERMANENT TAPE MARKINGS, PROFILED PAVEMENT MARKING TAPE	STA	58.00	\$345.00	\$20,010.00
51	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	22	\$106.00	\$2,332.00
52	2527-9263158	PRE-CUT SYMBOLS AND LEGENDS, INTERSECTION MARKING TAPE	EACH	14	\$425.00	\$5,950.00
53	2527-9263180	PAVEMENT MARKINGS REMOVED	STA	115.19	\$42.00	\$4,837.98
54	2527-9263190	SYMBOLS AND LEGENDS REMOVED	EACH	6	\$110.00	\$660.00
55	2527-9270111	GROOVES CUT FOR PAVEMENT MARKINGS	STA	58.00	\$77.00	\$4,466.00
56	2527-9270120	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	14	\$110.00	\$1,540.00
57	2528-8400256	TEMPORARY TRAFFIC SIGNALS	EACH	3	\$15,000.00	\$45,000.00
58	2528-8445110	TRAFFIC CONTROL	LS	1.00	\$25,000.00	\$25,000.00
59	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	C DAY	14	\$140.00	\$1,960.00
60	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	11.0	\$110.00	\$1,210.00
61	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	1	\$220.00	\$220.00
62	2533-4980005	MOBILIZATION	LS	1.00	\$190,000.00	\$190,000.00
63	2595-0005100	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR SIEGWERK USA, CO.	LS	1.00	\$10,000.00	\$10,000.00
64	2599-9999005	POLICE OFFICER	EACH	40	\$640.00	\$25,600.00
65	2599-9999005	SEWER PIPE SUPPORT	EACH	10	\$270.00	\$2,700.00
66	2599-9999005	WATER SERVICE STOP BOX, NEW HOUSING	EACH	1	\$375.00	\$375.00
67	2599-9999005	WATER SERVICE STOP BOX, NEW ROD	EACH	1	\$425.00	\$425.00
68	2599-9999005	WATER SERVICE STOP BOX, RELOCATE	EACH	1	\$900.00	\$900.00
69	2599-9999005	WATER SERVICE, CHECK DEPTH	EACH	2	\$350.00	\$700.00
70	2599-9999005	WATER SERVICE, LOWER 1 IN.	EACH	1	\$2,000.00	\$2,000.00
71	2599-9999005	WATER SERVICE, LOWER 1 IN. W NEW COPPER	EACH	1	\$2,800.00	\$2,800.00
72	2599-9999005	WATER SERVICE, LOWER 6 IN.	EACH	1	\$4,300.00	\$4,300.00
73	2599-9999005	WATER SERVICE, LOWER 8 IN.	EACH	2	\$6,400.00	\$12,800.00
74	2601-2634100	MULCHING	ACRE	5.6	\$740.00	\$4,144.00
75	2601-2634150	MULCHING, WOOD CELLULOSE FIBER	ACRE	3.3	\$1,600.00	\$5,280.00
76	2601-2636044	SEEDING AND FERTILIZING (URBAN)	ACRE	5.6	\$1,100.00	\$6,160.00
77	2601-2638352	SLOPE PROTECTION, WOOD EXCELSIOR MAT	SQ	997.0	\$10.60	\$10,568.20
78	2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	5.6	\$900.00	\$5,040.00
79	2601-2643110	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	MGAL	500.00	\$64.00	\$32,000.00
80	2601-2643300	MOBILIZATION FOR WATERING	EACH	5	\$380.00	\$1,900.00
81	2602-0000020	SILT FENCE	LF	7,375.0	\$2.00	\$14,750.00
82	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	7,375.0	\$0.50	\$3,687.50
83	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	600.0	\$0.50	\$300.00
84	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	5,375.0	\$2.00	\$10,750.00
85	2602-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	5,375.0	\$0.50	\$2,687.50
86	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	12	\$530.00	\$6,360.00
87	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	3	\$1,100.00	\$3,300.00
TOTAL DIVISION 1						\$3,957,512.58

60

		DIVISION 1 - ROADWAY ITEMS		Estimated	Unit Price	Total
Item No.	Item Code	Item	Unit	Unites		
DIVISION 2 - D.M. WATER WORKS						
88	2599-9999005	('EACH' ITEM) CATHODIC TEST STATION, LOWER	EACH	2	\$1,000.00	\$2,000.00
89	2599-9999005	('EACH' ITEM) FIRE HYDRANT, LOWER	EACH	1	\$3,000.00	\$3,000.00
90	2599-9999005	('EACH' ITEM) FIRE HYDRANT, RELOCATE	EACH	5	\$5,000.00	\$25,000.00
TOTAL DIVISION 2						\$30,000.00
PROJECT TOTAL						\$3,987,512.58