



DATE March 10, 2014

ORDERING CONSTRUCTION OF
BEAVER AVENUE STREETScape - BEAVER CREST DRIVE TO FAGEN DRIVE
AND FIXING A DATE FOR RECEIVING OF BIDS ON MARCH 18, 2014
AND PUBLIC HEARING ON APRIL 7, 2014
ENGINEER'S ESTIMATE IS \$1,563,732.00

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 Hall, 400 Robert D. Ray Drive, Des Moines, Iowa 50309-1891, 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:

Beaver Avenue Streetscape - Beaver Crest Drive to Fagen Drive, 04-2012-005
STP-E-1945(804)--8V-77

The improvement includes construction of sidewalks, driveways, site furnishings, plantings, miscellaneous Portland Cement Concrete, and an HMA Pavement Overlay, 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. 556-102/211, on Beaver Avenue from Beaver Crest Drive to Fagen Drive, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,563,732.00. 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, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on April 7, 2014, at which time this Council will consider any objections offered thereto or to the making of said improvement.



Roll Call Number

Agenda Item Number

7A

DATE March 10, 2014

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 March 18, 2014, 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.

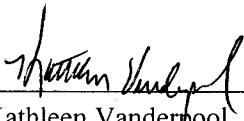
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 14-095 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE


Kathleen Vanderpool
Deputy City Attorney


Scott E. Sanders
Des Moines Finance Director

JEB

Funding Source: Recm. 2014-2015 CIP, Page Street - 5, Beaver Avenue Streetscape, ST245, Being: \$439,000 (maximum) in Federal Surface Transportation Program (STP) funds being 80% eligible construction costs under IDOT Project No STP-E-1945(804)--8V-77; \$350,000 Storm Water Utility Funds, SM057; \$300,000 from Beaverdale Betterment Coalition; \$46,000 from Des Moines Water Works for water main construction; and the remaining \$428,732 in G.O. Bonds, ST245

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRAY				
HENSLEY				
MAHAFFEY				
MOORE				
GATTO				
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

7A

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 04-2012-005
IDOT PROJECT NO. STP-E-1945(804)-8V-77
DIV 1: STP-TE = \$439,000.00 (Maximum) @ 80%
DIV 2: CITY OF DES MOINES @ 100%
DIV 3: DES MOINES WATER WORKS @ 100%
DATE: 3/18/2014

PROJECT: BEAVER AVENUE STREETScape FROM BEAVER CREST DRIVE TO FAGEN DRIVE

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001	2101-0850002	Clearing and Grubbing	UNIT	2	\$20.00	\$40.00
0002	2102-2625000	Embankment-In-Place	CY	30	\$40.00	\$1,200.00
0003	2102-2710090	Excavation, Class 10, Waste	CY	50	\$40.00	\$2,000.00
0004	2105-8425005	Topsoil, Furnish and Spread	CY	25	\$15.00	\$375.00
0005	2115-0100000	Modified Sub-base	CY	417	\$35.00	\$14,595.00
0006	2214-5145150	Pavement Scarification	SY	6400	\$5.00	\$32,000.00
0007	2301-1033060	Standard or Slip Form Portland Cement Concrete Pavement, Class C, Class 3	SY	300	\$42.00	\$12,600.00
0008	2301-1033080	Standard or Slip Form Portland Cement Concrete Pavement, Class C, Class 3	SY	1700	\$58.00	\$98,600.00
0009	2303-0033500	Hot Mix Asphalt Mixture (1,000,000 ESAL), Surface Course, 1/2 in. Mix., No Spe	TON	924	\$90.00	\$83,160.00
0010	2303-0246422	Asphalt Binder, PG 64-22	TON	56	\$600.00	\$33,600.00
0011	2303-6911000	Hot Mix Asphalt Samples	LS	1	\$2,500.00	\$2,500.00
0012	2414-6460000	Ornamental Metal Railing	LF	12	\$35.00	\$420.00
0013	2435-0140200	Manhole, Storm SWR, SW-402	EA	10	\$2,800.00	\$28,000.00
0014	2435-0250100	Intake, SW-501	EA	11	\$3,100.00	\$34,100.00
0015	2435-0250300	Intake, SW-503	EA	2	\$4,000.00	\$8,000.00
0016	2435-0250700	Intake, SW-507	EA	3	\$3,200.00	\$9,600.00
0017	2435-0251100	Intake, SW-511	EA	2	\$3,800.00	\$7,600.00
0018	2435-0600010	Manhole Adjustment, Minor	EA	10	\$500.00	\$5,000.00
0019	2502-8213104	Subdrain, PVC, Standard, Non-Perforated, 4 In.	LF	30	\$20.00	\$600.00
0020	2502-8213106	Subdrain, PVC, Standard, Non-Perforated, 6 In.	LF	40	\$20.00	\$800.00
0021	2503-0114215	Storm Sewer Gravity Main with Casing Pipe, Trenched, Reinforced Concrete Pip	LF	358	\$42.00	\$15,036.00
0022	2503-0114218	Storm Sewer Gravity Main with Casing Pipe, Trenched, Reinforced Concrete Pip	LF	383	\$48.00	\$18,384.00
0023	2503-0114221	Storm Sewer Gravity Main with Casing Pipe, Trenched, Reinforced Concrete Pip	LF	232	\$65.00	\$15,080.00
0024	2503-0114224	Storm Sewer Gravity Main with Casing Pipe, Trenched, Reinforced Concrete Pip	LF	118	\$70.00	\$8,260.00
0025	2503-0114230	Storm Sewer Gravity Main with Casing Pipe, Trenched, Reinforced Concrete Pip	LF	345	\$90.00	\$31,050.00
0026	2503-0114236	Storm Sewer Gravity Main with Casing Pipe, Trenched, Reinforced Concrete Pip	LF	89	\$115.00	\$10,235.00
0027	2503-0200036	Remove Storm Sewer Pipe Less Than of Equal to 36 In.	LF	575	\$10.00	\$5,750.00
0028	2506-4984000	Flowable Mortar	CY	4.7	\$100.00	\$470.00
0029	2510-6745850	Removal of Pavement	SY	3313	\$10.00	\$33,130.00
0030	2510-6750600	Removal of Intake and Utility Access	EA	7	\$750.00	\$5,250.00
0031	2511-6745900	Removal of Sidewalk	SY	2440	\$9.00	\$21,960.00
0032	2511-7526005	Sidewalk, P.C. Concrete, 5 In.	SY	2596	\$50.00	\$129,800.00
0033	2511-7526006	Sidewalk, P.C. Concrete, 6 In.	SY	145	\$53.00	\$7,685.00
0034	2511-7526007	Sidewalk, P.C. Concrete, 7 In.	SY	66	\$55.00	\$3,630.00
0035	2511-7528101	Detectable Warnings, Cast Iron	SF	223	\$60.00	\$13,380.00
0036	2512-1859000	Curb, Special, as per plan	LF	1303	\$30.00	\$39,090.00
0037	2515-2475007	Driveway, P.C. Concrete, 7 In.	SY	599	\$55.00	\$32,945.00
0038	2515-6745600	Removal of Paved Driveway	SY	615	\$12.00	\$7,380.00
0039	2518-6910000	Safety Closure	EA	20	\$500.00	\$10,000.00
0040	2524-6765110	Removal of Type A Sign	EA	50	\$150.00	\$7,500.00

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0041	2525-0000100	Traffic Signalization	LS	1	\$150,000.00	\$150,000.00
0042	2525-0000120	Removal of Traffic Signalization	LS	1	\$15,000.00	\$15,000.00
0043	2526-8285000	Construction Survey	LS	1	\$35,000.00	\$35,000.00
0044	2527-9263109	Painted Pavement Marking, Waterborne or Solvent-Based	STA	120	\$100.00	\$12,000.00
0045	2527-9263124	Permanent Tape Mark, Preform Polymer Marking Material	STA	81.32	\$250.00	\$20,330.00
0046	2527-9263137	Painted Symbols and Legends, Waterborne or Solvent-Based	EA	24	\$250.00	\$6,000.00
0047	2527-9263154	Pre-Cut Symbols and Legends, Preformed Polymer Marking Material	EA	30	\$500.00	\$15,000.00
0048	2527-9263180	Pavement Markings Removed	STA	75	\$50.00	\$3,750.00
0049	2527-9263190	Symbols and Legends Removed	STA	22	\$150.00	\$3,300.00
0050	2527-9270111	Groove Cut - Pavement Marking	STA	18	\$50.00	\$900.00
0051	2527-9270120	Groove Cut - Symbol + Legend	EA	2	\$50.00	\$100.00
0052	2528-8445110	Traffic Control	LS	1	\$75,000.00	\$75,000.00
0053	2528-8445113	Flaggers	EA	15	\$300.00	\$4,500.00
0054	2529-5070110	Patch, Full Depth Finish, By Area	SY	500	\$78.00	\$39,000.00
0055	2529-5070120	Patch, Full Depth Finish, By Count	EA	4	\$150.00	\$600.00
0056	2533-4980005	Mobilization	LS	1	\$125,000.00	\$125,000.00
0057	2552-0000220	Replacement of Unsuitable Backfill Material	CY	20	\$30.00	\$600.00
0058	2599-9990003	Planting Soil	CY	117	\$60.00	\$7,020.00
0059	2599-9990005	1-inch Water Service Line with Stop Box, STA 101+50	EA	1	\$3,000.00	\$3,000.00
0060	2599-9990005	6-inch Water Service Alteration	EA	1	\$4,300.00	\$4,300.00
0061	2599-9990005	Adjust Meter Pit and Stop Box to Final Grade	EA	1	\$800.00	\$800.00
0062	2599-9990005	Bench, Type A	EA	4	\$900.00	\$3,600.00
0063	2599-9990005	Bench, Type B	EA	8	\$1,300.00	\$10,400.00
0064	2599-9990005	Bike Rack	EA	24	\$900.00	\$21,600.00
0065	2599-9990005	Bulb, Furnished and Installed	EA	840	\$3.50	\$2,940.00
0066	2599-9990005	Concrete Stair	EA	1	\$800.00	\$800.00
0067	2599-9990005	Fire Hydrant Assembly on Existing Water Main at STA 102+42	EA	1	\$4,500.00	\$4,500.00
0068	2599-9990005	Fire Hydrant Relocation at STA 106+96	EA	1	\$1,200.00	\$1,200.00
0069	2599-9990005	GFCI Receptacle	EA	9	\$200.00	\$1,800.00
0070	2599-9990005	Ground Cover, Furnished and Installed	EA	200	\$4.85	\$970.00
0071	2599-9990005	Install New Meter Pit and Stop Box	EA	1	\$6,000.00	\$6,000.00
0072	2599-9990005	Perennial Plant, Furnished and Installed	EA	579	\$15.00	\$8,685.00
0073	2599-9990005	Removal of Fire Hydrant	EA	2	\$1,000.00	\$2,000.00
0074	2599-9990005	Removal of Fire Hydrant on Existing Main at STA 102+82	EA	1	\$1,500.00	\$1,500.00
0075	2599-9990005	Removal of Meter Pit	EA	1	\$1,200.00	\$1,200.00
0076	2599-9990005	Secondary Electrical Service Connection	EA	4	\$3,000.00	\$12,000.00
0077	2599-9990005	Storm Water Connections, per plan	EA	5	\$750.00	\$3,750.00
0078	2599-9990005	Trash Receptacle	EA	10	\$1,800.00	\$18,000.00
0079	2599-9990005	Water Main Alteration #1	EA	1	\$7,500.00	\$7,500.00
0080	2599-9990005	Water Main Alteration #2	EA	1	\$7,500.00	\$7,500.00
0081	2599-9990005	Water Main Alteration #3	EA	1	\$7,500.00	\$7,500.00
0082	2599-9990005	Water Main Alteration #4	EA	1	\$7,500.00	\$7,500.00
0083	2599-9990005	Water Service Stop Box, New Housing	EA	1	\$375.00	\$375.00
0084	2599-9990005	Water Service Stop Box, New Housing and Rod	EA	1	\$350.00	\$350.00
0085	2599-9990005	Water Service Stop Box, Relocate	EA	1	\$1,150.00	\$1,150.00
0086	2599-9990005	Water Service, Check Depth	EA	4	\$350.00	\$1,400.00
0087	2599-9990005	Water Service, Disconnect	EA	1	\$1,800.00	\$1,800.00

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NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0088	2599-9990005	Water Service, Lower 1-inch With New Copper	EA	1	\$2,000.00	\$2,000.00
0089	2599-9990005	Water Service, New	EA	2	\$3,000.00	\$6,000.00
0090	2599-9990005	Water Service, Relocation	EA	1	\$2,000.00	\$2,000.00
0091	2599-9990005	Water Service, Tap	EA	1	\$500.00	\$500.00
0092	2599-9999009	2" PVC Electrical Duct	LF	985	\$4.00	\$3,940.00
0093	2599-9999009	4" PVC Electrical Duct	LF	370	\$6.00	\$2,220.00
0094	2599-9999009	Tree Protection - Fence	LF	1130	\$2.50	\$2,825.00
0095	2599-9999010	Removal of Traffic Signalization, Ped. Crossing	LS	1	\$2,000.00	\$2,000.00
0096	2599-9999010	Temporary Traffic Signalization	LS	1	\$15,000.00	\$15,000.00
0097	2599-9999010	Traffic Signalization, Ped. Crossing	LS	1	\$18,000.00	\$18,000.00
0098	2599-9999010	Tree Protection	LS	1	\$800.00	\$800.00
0099	2599-9999014	Brick Pavers (4 inch x 8 inch Clay)	SF	1430	\$10.00	\$14,300.00
0100	2599-9999014	Engraved Brick Pavers (4 inch x 8 inch Clay)	SF	66	\$8.00	\$528.00
0101	2599-9999014	Informational Signing	SF	144	\$35.00	\$5,040.00
0102	2599-9999020	Foundation Rock	TON	50	\$30.00	\$1,500.00
0103	2599-9999020	Temporary Access Rock	TON	25	\$45.00	\$1,125.00
0104	2601-2639010	Sodding	SQ	108	\$45.00	\$4,860.00
0105	2601-2643110	Watering of Sod, Special Ditch Control or Slope Protection	MGAL	64.8	\$60.00	\$3,888.00
0106	2601-2643300	Mobilization for Watering	EA	10	\$350.00	\$3,500.00
0107	2602-0000306	Perimeter and Slope Sediment Control Device, 6 In. Dia.	LF	420	\$4.00	\$1,680.00
0108	2602-0000350	Removal of Perimeter and Slope Sediment Control Device	LF	420	\$2.00	\$840.00
0109	2610-0000110	Shrubs	EA	66	\$40.00	\$2,640.00
0110	2610-0000120	Trees	EA	49	\$350.00	\$17,150.00
0111	2610-0000200	Mulch	CY	30	\$45.00	\$1,350.00
0112	2610-0000400	Watering for Plants	MGAL	4.3	\$470.00	\$2,021.00

Prepared By: Genus Landscape Architects

Checked By: Craig Bouska

TOTAL CONSTRUCTION COST

\$1,563,732.00