

DATE May 23, 2011

ORDERING CONSTRUCTION OF  
BLANK PARK ZOO ENTRANCE IMPROVEMENTS  
AND FIXING A DATE FOR RECEIVING OF BIDS ON JUNE 14, 2011  
AND PUBLIC HEARING ON JUNE 27, 2011  
ENGINEER'S ESTIMATE IS \$1,850,000

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:

Blank Park Zoo Entrance Improvements, 11-2011-001  
RM-1945(780)--9D-77

The improvement includes street paving twenty-six (26) feet wide B/B with Portland Cement Concrete seven (7) inches thick with integral curb, sidewalks, water main, storm sewer, subdrain, retaining walls, landscaping, and surface restoration. Also included in the project is playground areas, shelter building with restrooms, decorative arch signs, water features, and street lighting together with other incidental items; all in accordance with the contract documents, including Plan File Nos. 532-024/071, at the Blank Park Zoo, 7401 S.W. 9th Street, in an area north of the existing parking lot to the intersection at Rittenhouse Street and SW 9th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,850,000.00. 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 June 27, 2011, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the City of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on June 14, 2011, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on June 14, 2011, after which the bids together with a bid tabulation and recommendation of the Engineer will be presented to the City Council at its next meeting for action thereon.



**Roll Call Number**

**Agenda Item Number**

11D

DATE May 23, 2011

BE IT FURTHER RESOLVED: That the City Clerk is further directed to publish a Public Notice of Storm Water Discharge in the Des Moines Register and The Business Record as required by the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the "Notice of Intent for NPDES Coverage under General Permit No. 2 for Storm Water Discharges associated with Industrial Activity for Construction Activities" on behalf of the City of Des Moines and submit said document to the Iowa Department of Natural Resources with appropriate application and permit fees.

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 11-303 attached.)

Moved by \_\_\_\_\_ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool  
Deputy City Attorney

Scott E. Sanders  
Des Moines Finance Director

Funding Source: 2011-2012 CIP, Page Parks-5, Blank Park Zoo Entrance, PKS174, Being: IDOT - RISE RM-1945(780)--9D-77 \$418,560.50 (50% of construction cost up to grant maximum of \$449,725), RIIF Funding from Iowa Department of Corrections \$882,987 (\$464,426.50 plus \$418,560.50 match to RISE Grant, with maximum funding of \$1,000,000), and the remaining \$548,452.50, Blank Park Zoo Foundation

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRIESS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
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



11D

## CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 11-2011-001  
IDOT Project No: RM-1945(780)--9D-77  
Date: 5/6/2011

### PROJECT: BLANK PARK ZOO ENTRANCE IMPROVEMENTS

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Clearing and Grubbing	AC	7.79	\$1,800.00	\$14,022.00
2	Topsoil, On-Site	CY	7709.0	\$6.00	\$46,254.00
3	Excavation, Class 10	CY	21606.0	\$8.00	\$172,848.00
4	Subgrade Preparation	SY	6202.0	\$3.00	\$18,606.00
5	Subbase, Modified Backfill	SY	6202.0	\$10.00	\$62,020.00
6	* Compaction Testing	LS	1.0	\$3,000.00	\$3,000.00
7	Sanitary Sewer Gravity Main, 4" Dia.	LF	24.0	\$38.00	\$912.00
8	Sanitary Sewer Force Main, 2" Dia.	LF	250.0	\$30.00	\$7,500.00
9	Storm Sewer, Trenched, PVC, 4"	LF	142.0	\$30.00	\$4,260.00
10	Storm Sewer, Trenched, RCP, 15"	LF	740.0	\$40.00	\$29,600.00
11	Storm Sewer, Trenched, RCP, 18"	LF	222.0	\$55.00	\$12,210.00
12	Storm Sewer, Trenched, RCP, 24"	LF	160.0	\$65.00	\$10,400.00
13	* Removal of Storm Sewer, 6"	LF	31.0	\$10.00	\$310.00
14	* Removal of Storm Sewer, 10"	LF	200.0	\$10.00	\$2,000.00
15	* Removal of Storm Sewer, 12"	LF	122.0	\$10.00	\$1,220.00
16	Pipe Apron, RCP, 15"	EA	3.0	\$1,300.00	\$3,900.00
17	Pipe Apron, RCP, 18" (Relocate)	EA	1.0	\$1,400.00	\$1,400.00
18	Pipe Apron, RCP, 24"	EA	1.0	\$1,600.00	\$1,600.00
19	Subdrain, Corrugated PVC, 6"	LF	2579.0	\$15.00	\$38,685.00
20	Subdrain Cleanout, Type A-1, 6"	EA	5.0	\$400.00	\$2,000.00
21	Subdrain Outlet and Connections, Intake and Manhole, 6"	EA	20.0	\$300.00	\$6,000.00
22	Water Main, 8" Dia. (Lowered)	LF	88.0	\$50.00	\$4,400.00
23	Water Service, 2" Dia.	LF	242.0	\$20.00	\$4,840.00
24	Relocate Existing Drinking Fountain	EA	1.0	\$500.00	\$500.00
25	Manhole, SW-301, 48" (Sanitary Sewer)	EA	1.0	\$3,000.00	\$3,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
26	Manhole, SW-401, 48" (Storm Sewer)	EA	4.0	\$2,500.00	\$10,000.00
27	Intake, SW-501, Single Grate	EA	7.0	\$2,500.00	\$17,500.00
28	Intake, SW-503, Single Grate Combination Manhole	EA	2.0	\$5,000.00	\$10,000.00
29	Intake, SW-505, Double Grate	EA	1.0	\$4,000.00	\$4,000.00
30	Intake, SW-506, Double Grate Combination Manhole	EA	1.0	\$6,500.00	\$6,500.00
31	Intake, SW-511, Rectangular Area	EA	1.0	\$3,500.00	\$3,500.00
32	Intake, SW-513, Open-Sided Area	EA	1.0	\$4,000.00	\$4,000.00
33	Manhole Adjustment (Sanitary Sewer)	EA	1.0	\$500.00	\$500.00
34 *	Removal Storm Manhole	EA	1.0	\$500.00	\$500.00
35 *	Removal Intake	EA	1.0	\$500.00	\$500.00
36	Pavement, 6" P.C.C.	SY	451.0	\$35.00	\$15,785.00
37	Pavement, 7" P.C.C.	SY	4595.0	\$38.00	\$174,610.00
38	Pavement, 8" P.C.C.	SY	454.0	\$40.00	\$18,160.00
39 *	P.C.C. Pavement Samples and Testing	LS	1.0	\$2,000.00	\$2,000.00
40 *	Pavement Removal	SY	1554.0	\$6.00	\$9,324.00
41 *	Removal of Sidewalk	SY	165.0	\$6.00	\$990.00
42	Recreational Trail, 5" P.C.C.	SY	899.0	\$32.00	\$28,768.00
43	Sidewalk, 4" P.C.C.	SY	286.0	\$27.00	\$7,722.00
44	Sidewalk, 5" P.C.C.	SY	744.0	\$32.00	\$23,808.00
45	Detectable Warning Panel	SF	118.0	\$40.00	\$4,720.00
46 *	Conventional Seeding, Seeding, Fertilizing and Mulching, Turf Grass	AC	4.9	\$3,000.00	\$14,700.00
47 *	Conventional Seeding, Seeding, Fertilizing and Mulching, Native Grasses/Wildflowers	AC	1.2	\$3,500.00	\$4,200.00
48 *	Plants, Deciduous Overstory Trees	EA	47.0	\$350.00	\$16,450.00
49 *	Plants, Deciduous Ornamental Trees	EA	21.0	\$275.00	\$5,775.00
50 *	Plants, Coniferous Trees	EA	49.0	\$250.00	\$12,250.00
51 *	Plants, Ornamental Grasses	EA	465.0	\$35.00	\$16,275.00
52 *	Plants, Shrubs	EA	215.0	\$60.00	\$12,900.00
53 *	Plants, Perennials	EA	314.0	\$20.00	\$6,280.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
54 *	Tree Protection	LS	1.0	\$1,000.00	\$1,000.00
55 *	Tree Protection Fencing	LF	1850.0	\$2.00	\$3,700.00
56 *	Mulch, Shredded Hard Wood	SF	17800.0	\$0.50	\$8,900.00
57	Metal Edging	LF	675.0	\$5.00	\$3,375.00
58 *	Storm Water Pollution Prevention	LS	1.0	\$4,000.00	\$4,000.00
59 *	Erosion Control Mulching, Conventional Mulch	AC	7.24	\$1,000.00	\$7,240.00
60	Turf Reinforcement Mat (TRM)	SY	659.0	\$15.00	\$9,885.00
61 *	Filter Sock, Installation, Maintenance and Removal	LF	32.0	\$4.00	\$128.00
62 *	Sediment Basin Outlet, Installation, Maintenance and Removal	EA	2.0	\$2,000.00	\$4,000.00
63 *	Silt Fence, Installation, Maintenance and Removal	LF	3742.0	\$3.00	\$11,226.00
64 *	Stabilized Construction Entrance	TON	105.0	\$20.00	\$2,100.00
65 *	Inlet Protection Device, Installation, Maintenance and Removal	EA	11.0	\$250.00	\$2,750.00
66	Outlet Protection, ScourStop	SF	208.0	\$30.00	\$6,240.00
67 *	Concrete Washout Pit	EA	3.0	\$750.00	\$2,250.00
68	Fence, Chain Link with Security Top, 120" Height (Type 1)	LF	725.0	\$30.00	\$21,750.00
69	Fence, Chain Link, 96" Height (Type 2)	LF	1677.0	\$20.00	\$33,540.00
70	Fence, Chain Link, 42" Height (Type 3)	LF	117.0	\$15.00	\$1,755.00
71 *	Remove Existing Fence	LF	1311.0	\$2.50	\$3,277.50
72	Gate, 30' Double Swing Chain Link With Security Top, 120" Height (Type 1)	EA	1.0	\$2,500.00	\$2,500.00
73	Gate, 12' Double Swing Chain Link With Security Top, 120" Height (Type 1)	EA	1.0	\$1,500.00	\$1,500.00
74	Gate, 30' Double Swing Chain Link, 96" Height (Type 2)	EA	1.0	\$1,800.00	\$1,800.00
75	Gate, 12' Double Swing Chain Link, 96" Height (Type 2)	EA	1.0	\$1,200.00	\$1,200.00
76	Gate, 7' Single Swing Chain Link, 96" Height (Type 2)	EA	1.0	\$800.00	\$800.00
77	Gate, 54' Rolling Chain Link, 96" Height	EA	1.0	\$10,000.00	\$10,000.00
78	Retaining Wall, Modular Block	SF	805.0	\$25.00	\$20,125.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
79	Steps, P.C.C.	SF	150.0	\$35.00	\$5,250.00
80	Handrail (Ramp)	LF	218.0	\$50.00	\$10,900.00
81	* Building Demolition (Existing Restrooms/Fountain/Playground)	LS	1.0	\$5,000.00	\$5,000.00
82	* Traffic Control	LS	1.0	\$8,000.00	\$8,000.00
83	Traffic Signs (Relocate)	EA	2.0	\$200.00	\$400.00
84	Traffic Signs	EA	5.0	\$500.00	\$2,500.00
85	Painted Pavement Markings	STA	32.21	\$150.00	\$4,831.50
86	Painted Pavement Symbols	EA	5.0	\$250.00	\$1,250.00
87	Waterfall System	LS	1.0	\$25,000.00	\$25,000.00
88	Stone, Winnebago Stone	TON	82.0	\$540.00	\$44,280.00
89	Stone, Lannon Stone	TON	118.0	\$260.00	\$30,680.00
90	PVC Duct, Trenched, 24" Depth	LF	1850.0	\$10.00	\$18,500.00
91	Handhole, Electrical	EA	11.0	\$250.00	\$2,750.00
92	Entry Lights	EA	3.0	\$6,000.00	\$18,000.00
93	Roadway Light	EA	6.0	\$3,150.00	\$18,900.00
94	Pedestrian Light	EA	2.0	\$2,700.00	\$5,400.00
95	Pond Feature Light	EA	5.0	\$1,500.00	\$7,500.00
96	Light Pole Bases & Installation	EA	13.0	\$1,750.00	\$22,750.00
97	Light Controller Box	EA	1.0	\$2,000.00	\$2,000.00
98	Relocation of Light Pole	EA	2.0	\$1,000.00	\$2,000.00
99	Entrance Sign (Archway)	LS	1.0	\$225,000.00	\$225,000.00
100	Relocation of Blank Park Zoo Entrance Sign	LS	1.0	\$2,500.00	\$2,500.00
101	Picnic Shelter/Restroom	LS	1.0	\$275,000.00	\$275,000.00
102	Play Area, Play Structures	LS	1.0	\$22,338.00	\$22,338.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
103	Play Area, Engineered Wood Fiber Surface	CY	82.0	\$35.00	\$2,870.00
104	Play Area, PCC Curb Edge	LF	175.0	\$12.00	\$2,100.00
105	Play Area, Under Drain	LS	1.0	\$2,000.00	\$2,000.00
106 *	Construction Survey	LS	1.0	\$10,000.00	\$10,000.00
107 *	Mobilization	LS	1.0	\$24,055.00	\$24,055.00
Prepared By: David Kamp					
Checked By: _____					
<b>TOTAL CONSTRUCTION COST</b>					<b>\$1,850,000.00</b>

\* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

\* Estimate Total= \$220,322.50