



Roll Call Number

Agenda Item Number

7 A

DATE April 10, 2006

ORDERING CONSTRUCTION OF
SW 8TH STREET VIADUCT OVER M.L. KING, JR. PARKWAY REHABILITATION
AND FIXING A DATE FOR RECEIVING OF BIDS ON APRIL 18, 2006
AND PUBLIC HEARING ON MAY 8, 2006
ENGINEER'S ESTIMATE IS \$1,952,667.00

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 Jurisdictional Engineer, submitting plans, specifications, form of contract documents, and Jurisdictional Engineer's estimate of cost for the construction of the following improvement:

SW 8th Street Viaduct over M.L. King, Jr. Parkway Rehabilitation, 12-2004-003
BHM-1945(687)--8K-77

Bridge rehabilitation including pavement scarification, concrete removal, bridge approach pavement, Class 'A' and 'B' bridge deck repairs, epoxy coated reinforcing steel, structural steel, bridge floor overlay, removal and replacement of expansion joints, concrete beam patching, concrete repairs, full and partial height parapet repairs, carbon fiber reinforcement polymer, epoxy injection, curb repairs, concrete waterproofing, containment, paint waste transport/disposal, painting of structural steel, pavement markings and traffic control all in accordance with the contracts documents including IDOT Standard Specifications for Highway and Bridge Construction - Series 2001, Special Provisions, and Plan Files 460-001/070 on the SW 8th Street Viaduct over M.L. King, Jr. Pkwy in Des Moines, Polk County, Iowa.

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,952,667.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the 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 Jurisdictional Engineer; and that payment for the cost of said improvement shall be paid from from the funding source identified below.



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BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Jurisdictional 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 May 8, 2006, 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 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 April 18, 2006, 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.

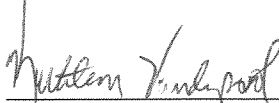
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 384, Code of Iowa.

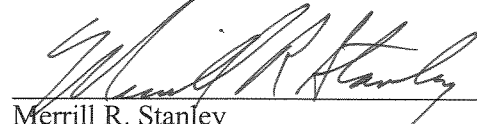
(City Council Communication Number 06-168 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE


Kathleen Vanderpool
Deputy City Attorney


Merrill R. Stanley
Assistant City Manager/Finance Director

Funding Source: 2006-2007 CIP, Page Bridge-9, SW 8th Street Viaduct over M.L. King, Jr. Parkway, BRV035, Various Funding, Being: Federal Highway Bridge Replacement and Rehabilitation (HBRR) funds for 80% of eligible construction to \$1,000,000 maximum and \$952,667 in Tax Increment Bonds

QEB

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BROOKS				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
VCLASSIS				
TOTAL				

MOTION CARRIED APPROVED

Mayor

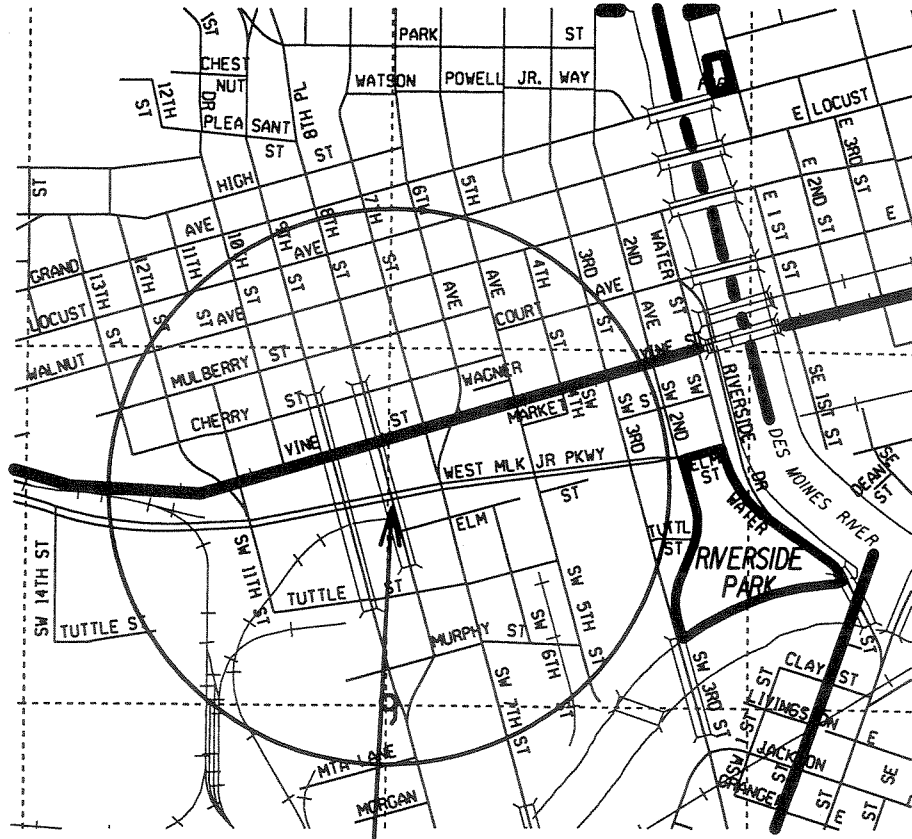
CERTIFICATE

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.

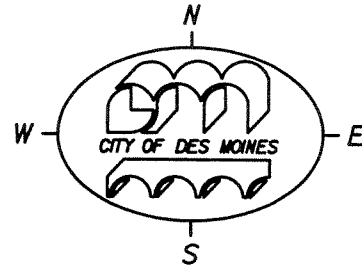
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

7A



**PROJECT
LOCATION**



S.W. 8th VIADUCT
OVER MLK PARKWAY
ACTIVITY I.D. 12-2004-003

7A
AGF

SW 8th Viaduct Construction Cost Estimate

03/09/06

Item No.	Item	Unit	Quantity	Unit Cost	Cost
1	Pavement Scarification	SY	4435	\$ 14.80	\$ 65,638
2	Bridge Approach, RK-20	SY	958	\$ 153.65	\$ 147,197
3	Removal of Concrete	CY	180.6	\$ 555.29	\$ 100,286
4	Structural Concrete (Bridge)	CY	183.6	\$ 382.50	\$ 70,227
5	Reinforcing Steel, Epoxy Coated	LB	30768	\$ 0.88	\$ 27,076
6	Structural Steel	LB	6497	\$ 14.31	\$ 92,972
7	Reinforced Neoprene	SF	180	\$ 110.00	\$ 19,800
8	Bridge Floor Overlay	SY	4435	\$ 57.61	\$ 255,500
9	Bridge Floor Repair, CI A	SY	530	\$ 129.00	\$ 68,370
10	Bridge Floor Repair, CI B	SY	135	\$ 250.00	\$ 33,750
11	Concrete Repair	SF	1400	\$ 80.84	\$ 113,176
12	Containment	LS	1	\$ 42,000.00	\$ 42,000
13	Paint Waste Transport and Disposal	LS	1	\$ 10,000.00	\$ 10,000
14	Painting of Structural Steel	LS	1	\$ 101,000.00	\$ 101,000
15	Safety Closure	EA	2	\$ 500.00	\$ 1,000
16	Construction Survey	LS	1	\$ 4,000.00	\$ 4,000
17	Painted Pavement Markings	STA	116	\$ 40.00	\$ 4,640
18	Pavement Markings Removed	STA	60	\$ 45.00	\$ 2,700
19	Traffic Control	LS	1	\$ 45,000.00	\$ 40,000
20	Changeable Message Sign, Portable	CDAY	28	\$ 178.57	\$ 5,000
21	Mobilization (9%)	LS	1		\$ 161,229
22	Rail Repair Hardware	LB	1406	\$ 14.62	\$ 20,550
23	Curb Repair	LF	865	\$ 85.00	\$ 73,525
24	Epoxy Crack Injection	LF	296	\$ 60.00	\$ 17,760
25	Expansion Joint Replacement	LF	193	\$ 900.30	\$ 173,758
26	Carbon Fiber Reinforcing Polymer (Furnish)	SF	3060	\$ 12.50	\$ 38,250
27	Carbon Fiber Reinforcing Polymer (Installation)	SF	3060	\$ 20.00	\$ 61,200
28	Concrete Beam Patching	SF	280	\$ 300.00	\$ 84,000
29	Concrete Waterproofing	SF	1689	\$ 15.00	\$ 25,335
30	Full Height Parapet Repair	SF	844	\$ 102.90	\$ 86,848
31	Partial Height Parapet Repair	SF	49	\$ 120.00	\$ 5,880
	Subtotal				\$ 1,952,667