

DATE September 9, 2013

ORDERING CONSTRUCTION OF
ARMY POST ROAD BRIDGE OVER GREAT WESTERN TRAIL
AND FIXING A DATE FOR RECEIVING OF BIDS ON SEPTEMBER 24, 2013
AND PUBLIC HEARING ON OCTOBER 7, 2013
ENGINEER'S ESTIMATE IS \$1,525,470.50

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:

Army Post Road Bridge Over Great Western Trail, 12-2011-001

The improvement includes removal of the existing bridge and substructure, roadway grading and paving, recreational tunnel/underpass construction, recreational trail removal and replacement on new alignment, installation of storm sewer, revetment and engineering fabric, wetland basin grading and construction, wetland plantings, wetland basin overflow weir construction, traffic control, temporary trail detour pavement, erosion control, and mobilization; all in accordance with the contract documents including Plan File Nos. 549-164/235, on Army Post Road over Great Western Trail just east of Highway 28, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,525,470.50. 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 October 7, 2013, 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 September 24, 2013, 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 September 24, 2013, 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
7

DATE September 9, 2013

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.

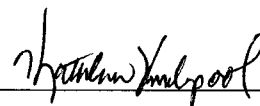
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

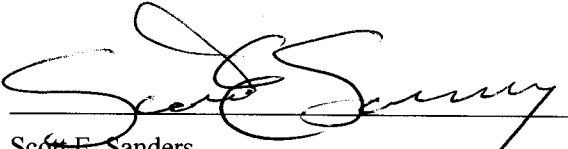
(City Council Communication Number 13-453 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE


Kathleen Vanderpool
Deputy City Attorney


Scott E. Sanders
Des Moines Finance Director

Funding Source: 2013-2014, Page Bridge - 4, Army Post Road Bridge Over Great Western Trail, BR043, Being: \$789,455.50 from Army Post Road Bridge over Great Western Trail, BR043, Gaming Monies; and \$336,015 per the Iowa Department of Transportation Agreement 2001-TJ-002 for Transfer of Public Road Jurisdiction; and the remaining \$400,000 from Page Bridge-5, City-wide Bridges, BR003, G.O. Bonds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRIESS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
TOTAL				
MOTION CARRIED	APPROVED			

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.

Mayor

City Clerk

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 12-2011-001
IDOT PROJECT NO. N/A
DATE: 8/26/13

PROJECT: ARMY POST ROAD BRIDGE OVER GREAT WESTERN TRAIL

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
1.1	* 1090-A-1000	MOBILIZATION	LS	1	\$75,000.00	\$75,000.00
2.1	* 2010-C-1000	CLEARING & GRUBBING	LS	1	\$25,000.00	\$25,000.00
2.2	* 2010-D-3000	TOPSOIL, OFF SITE	CY	1710	\$12.00	\$20,520.00
2.3	* 2010-E-1030	EXCAVATION, CLASS 10, ROADWAY WASTE	CY	50318	\$6.00	\$301,908.00
2.4	* 2010-G-1006	SUBGRADE PREPARATION, 6 IN.	SY	895	\$2.50	\$2,237.50
2.5	* 2010-G-1012	SUBGRADE PREPARATION, 12 IN.	SY	5530	\$3.50	\$19,355.00
2.6	* 2010-I-2010	MODIFIED SUBBASE, 6 IN. (FURNISH & PLACE)	CY	1071	\$33.00	\$35,343.00
2.7	* 2010-J-1100	REMOVALS, AS PER PLAN	LS	1	\$10,000.00	\$10,000.00
2.8	* 2010-J-1200	REMOVAL OF PAVEMENT	SY	3100	\$6.00	\$18,600.00
2.9	* 2010-J-1220	REMOVAL OF RECREATIONAL TRAIL	SY	1050	\$5.00	\$5,250.00
2.10	* 2010-J-2300	REMOVAL OF PIPE CULVERT GREATER THAN 36 IN.	LF	52	\$25.00	\$1,300.00
2.11	* 2090-Z-3001	ASPHALT MILLINGS, 6 IN. (TEMPORARY)	CY	186	\$25.00	\$4,650.00
2.12	* 2090-Z-3002	ASPHALT MILLINGS, 6 IN. (PLACE ONLY)	CY	100	\$20.00	\$2,000.00
2.13	2090-Z-3011	SHOULDER CONSTRUCTION, EARTH	STA	37	\$500.00	\$18,500.00
2.14	2090-Z-3013	SHOULDER CONSTRUCTION, GRANULAR	CY	160	\$35.00	\$5,600.00
4.1	4020-A-1008	STORM SEWER, TRENCHED, DIP, 8 IN.	LF	57	\$50.00	\$2,850.00
4.2	4020-A-1318	STORM SEWER, TRENCHED, RCP, CLASS III, 18 IN.	LF	30	\$60.00	\$1,800.00
4.3	4020-A-1466	STORM SEWER, TRENCHED, RCP, CLASS IV, 66 IN.	LF	260	\$225.00	\$58,500.00
4.4	4030-B-1318	PIPE APRON, CONCRETE, 18 IN.	EA	1	\$1,500.00	\$1,500.00
4.5	4030-B-1366	PIPE APRON, CONCRETE, 66 IN.	EA	2	\$4,000.00	\$8,000.00
4.6	4090-Z-1566	BEND-LONG RADIUS, VERTICAL, RCP, CLASS IV, 66 IN.	EA	2	\$2,500.00	\$5,000.00
4.7	4090-Z-1666	BEND-LONG RADIUS, HORIZONTAL, RCP, CLASS IV, 66 IN.	EA	7	\$2,500.00	\$17,500.00
7.1	7010-A-1080	PAVEMENT, PCC, CLASS C, 8 IN.	SY	4305	\$35.00	\$150,675.00
7.2	7010-A-2080	PAVEMENT REINFORCED, PCC, CLASS C, 8 IN.	SY	375	\$38.00	\$14,250.00
7.3	7020-B-1060	PAVEMENT, HMA, 6 IN.	SY	815	\$30.00	\$24,450.00
7.4	7030-C-1005	RECREATIONAL TRAIL, REINFORCED, PCC, 5 IN.	SY	90	\$30.00	\$2,700.00
7.5	7030-C-1105	RECREATIONAL TRAIL, HMA, 5 IN.	SY	804	\$26.00	\$20,904.00
7.6	* 7030-D-1000	SPECIAL SUBGRADE PREPARATION FOR RECREATIONAL TRAIL	SY	1040	\$2.50	\$2,600.00
7.7	7090-Z-2002	PAVED SHOULDER, PCC, 8 IN.	SY	215	\$35.00	\$7,525.00
7.8	* 7090-Z-2150	TEMPORARY DETOUR PAVEMENT, 4 IN.	SY	100	\$25.00	\$2,500.00
8.1	8010-B-2000	POSTS FOR SIGNS, STEEL	LF	120	\$15.00	\$1,800.00
8.2	8010-B-4000	TYPE A SIGNS	SF	56	\$20.00	\$1,120.00
8.3	8010-C-1000	PAINTED PAVEMENT MARKINGS, WATERBORNE/SOLVENT	STA	81	\$50.00	\$4,050.00
8.4	* 8010-D-1000	TRAFFIC CONTROL	LS	1	\$10,000.00	\$10,000.00
8.5	* 8010-D-1050	SAFETY FENCE	LF	1705	\$2.50	\$4,262.50
8.6	* 8090-Z-9000	CONSTRUCTION ACCESS & STAGING	LS	1	\$10,000.00	\$10,000.00
9.1	* 9010-B-1200	HYDRAULIC SEEDING, FERTILIZING & MULCHING, TYPE 2	AC	3.17	\$2,000.00	\$6,340.00
9.2	* 9010-B-1500	HYDRAULIC SEEDING, FERTILIZING & MULCHING, TYPE 5	AC	3.17	\$1,500.00	\$4,755.00
9.3	* 9040-A-1000	STORMWATER POLLUTION PREVENTION PLAN (PREP., MANAGEMENT, & INSP.)	LS	1	\$5,000.00	\$5,000.00
9.4	* 9040-E-1000	TEMPORARY ROLLED EROSION CONTROL PRODUCT (RECP)	SY	2050	\$2.00	\$4,100.00
9.5	* 9040-F-1000	TURF REINFORCEMENT MATS (TRM)	SY	1200	\$3.00	\$3,600.00
9.6	* 9040-Q-1000	SILT FENCE, INSTALLATION	LF	4250	\$1.50	\$6,375.00
9.7	* 9040-Q-2000	SILT FENCE, REMOVAL OF SEDIMENT	LF	4250	\$0.50	\$2,125.00

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
9.8	* 9040-Q-3000	SILT FENCE, REMOVAL OF DEVICE	LF	4250	\$0.25	\$1,062.50
9.9	* 9040-R-2000	STABILIZED CONSTRUCTION ENTRANCE	TON	75	\$40.00	\$3,000.00
9.10	9040-U-1000	EROSION STONE	TON	260	\$30.00	\$7,800.00
9.11	9040-U-5000	REVETMENT FOR OUTLET PROTECTION, CLASS E, W/ FABRIC	TON	705	\$45.00	\$31,725.00
9.12	9060-A-1100	FENCE, FIELD	LF	32	\$50.00	\$1,600.00
9.13	9060-A-1200	FENCE, TEMPORARY, INSTALLATION & REMOVAL	LF	506	\$10.00	\$5,060.00
9.14	* 9060-A-2100	REMOVAL OF FIELD FENCE	LF	640	\$5.00	\$3,200.00
9.15	9060-A-4116	GATE, FIELD FENCE, 16 FT.	EA	2	\$600.00	\$1,200.00
9.16	* 9090-Z-9000	TREE PROTECTION PLAN	LS	1	\$2,500.00	\$2,500.00
9.17	* 9090-Z-9010	TREE PROTECTION FENCE	LF	895	\$2.00	\$1,790.00
9.18	* 9090-Z-9020	PROJECT SIGN LARGE-STANDARD	EA	1	\$1,200.00	\$1,200.00
12.1	* 2115-0100000	MODIFIED SUBBASE	CY	405	\$33.00	\$13,365.00
12.2	* 2401-6745625	REMOVAL OF EXISTING BRIDGE	LS	1	\$120,000.00	\$120,000.00
12.3	* 2402-0425030	GRANULAR BACKFILL	CY	1841	\$27.00	\$49,707.00
12.4	* 2402-2720000	EXCAVATION, CLASS 20	CY	450	\$25.00	\$11,250.00
12.5	2403-0100020	STRUCTURAL CONCRETE (RCB)	CY	326.4	\$415.00	\$135,456.00
12.6	2404-7775000	REINFORCING STEEL	LB	54785	\$1.00	\$54,785.00
12.7	2519-1002042	FENCE, CHAIN LINK, 42" HEIGHT	LF	297.5	\$50.00	\$14,875.00
12.8	2599-9999010	UNDERPASS LIGHTING	LS	1	\$10,000.00	\$10,000.00
13.1	* 2010-E-1030	EXCAVATION, CLASS 10, WETLAND WASTE	CY	14800	\$6.00	\$88,800.00
13.2	8010-B-1000	CONSERVATION EASEMENT SIGN	EA	8	\$500.00	\$4,000.00
13.3	* 9010-A-1000	SEED, BUFFER SEED MIX	AC	1.9	\$3,200.00	\$6,080.00
13.4	* 9010-A-2000	SEED, EMERGENT SEED MIX	AC	0.3	\$6,800.00	\$2,040.00
13.5	* 9010-A-3000	SEED, WET MEADOW SEED MIX	AC	1.5	\$3,000.00	\$4,500.00
13.6	* 9010-A-4000	SEED, TYPE 5 (RURAL TEMPORARY EROSION CONTROL MIXTURE)	AC	3.7	\$1,000.00	\$3,700.00
13.7	* 9030-B-1000	TREES, FURNISHED AND INSTALLED (WITH WARRANTY)	EA	100	\$100.00	\$10,000.00
13.8	9030-B-2000	WIRE MESH TREE GUARDS	EA	100	\$20.00	\$2,000.00
13.9	* 9030-B-3000	MULCH, WOOD CHIPS	CY	15	\$50.00	\$750.00
13.10	* 9040-A-1000	MULCH	AC	3.7	\$700.00	\$2,590.00
13.11	9040-J-1000	REVETMENT FOR SPILLWAY, CLASS E, W/FABRIC	TON	42	\$45.00	\$1,890.00

Prepared By: Tyler Christian

Checked By: Ben Cole

TOTAL CONSTRUCTION COST \$1,525,470.50

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

* Estimate Total= \$908,355.50