CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

6(h)

DATE: January 26, 2016

ITEM:

- Public Hearing (5:35 p.m.)
Maffitt Lake Road Improvement Project
South 8th Street to Veterans Parkway

FINANCIAL IMPACT:

The Engineering Estimate of construction cost was estimated to be $4,249,353.57 for the Maffitt Lake Road – S. 8th Street to Veterans Parkway Improvements. There were five (5) bids submitted with the low bid of $3,683,445.51 being submitted by Concrete Technologies, Inc. of Grimes, Iowa. Payments will be paid from budgeted account no. 4259.77.820.6.7920 with ultimate funding coming from a RISE grant and TIF.

BACKGROUND:

This Public Hearing is on the matter of adoption of Plans, Specifications, Form of Contract, and Estimate of Cost for the Maffitt Lake Road – S. 8th Street to Veterans Parkway Improvements. Upon completion of the Public Hearing, a Resolution should be passed adopting the Plans and Specifications, Form of Contract, Estimate of Cost, and Awarding the Contract to Concrete Technologies.

This project is scheduled to be completed by November 18, 2016.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:
- Resolution Adopting Plans, Specifications, Form of Contract, and Estimate of Costs;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Elder Corporation of Des Moines, Iowa.

Lead Staff Member: Duane C. Wittstock, P.E., L.S., City Engineer

STAFF REVIEWS

Department Director	Duane C. Wittstock, City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	RTG

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	January 8, 2016

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Works		
Date Reviewed	January 18, 2016		
Recommendation	Yes	No	Split

RESOLUTION

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, APPROVING Adopting Plans, Specifications, Form of Contract, and Estimate of Cost

WHEREAS, on January 20, 2016 Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

Maffitt Lake Road Improvement Project
South 8th Street to Veterans Parkway
Project No. 0510-046-2014

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements was published as required by law;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvement are hereby approved.

PASSED AND ADOPTED this **26th** day of **January, 2016.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

Maffitt Lake Road Improvement Project
South 8th Street to Veterans Parkway
Project No. 0510-046-2014

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council.

and,

WHEREAS, the bid of Concrete Technologies, Inc. of Grimes, Iowa, in the amount of $3,683,445.51 is the lowest responsive, responsible bid received for said public improvement,

therefore;

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the Maffitt Lake Road Improvement Project is hereby awarded to Concrete Technologies, Inc. in the amount of $3,683,445.51 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that the work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED this **26th** day of **January, 2016.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

Client: City of West Des Moines
Project Name: Maffitt Lake Road Pedestrian Underpass
City Project #: 0510-046-2014
RM-8260(638)--9D-77

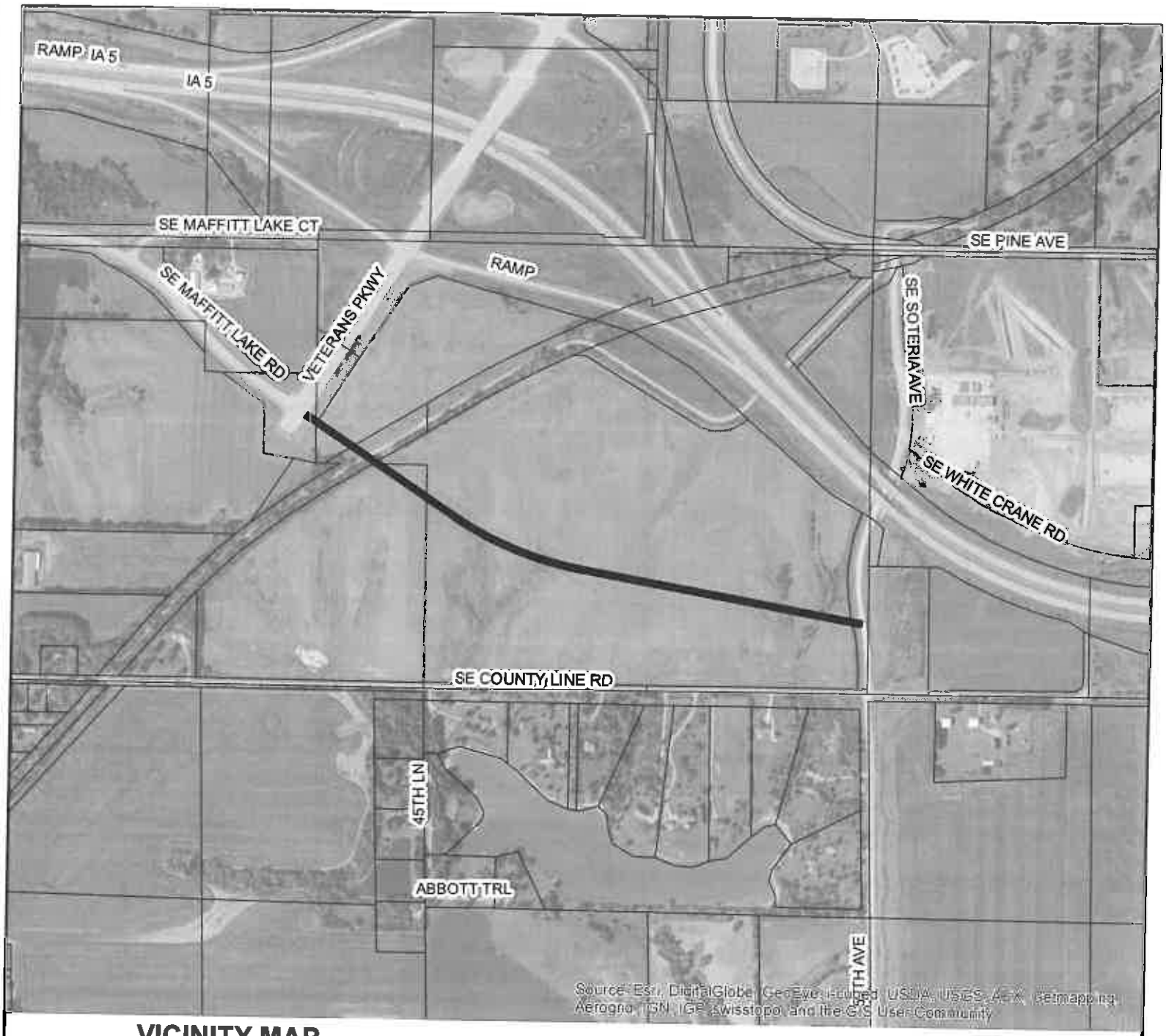
Bid Date: January 20, 2016
S-H Project No.: 414311-0

SHIVEHATTERY
ARCHITECTURE + ENGINEERING

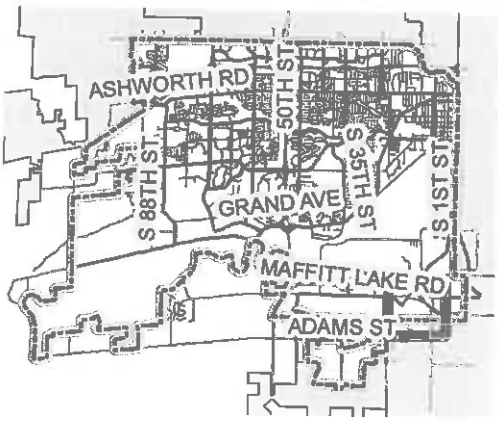
I hereby certify that this document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Amy L. Quartell, P.E. — Name:
21826 — Registration #:

Item Number	Item Code	Description	Estimated Quantities Division 1	Estimated Quantities Division 2	Units	Concrete Technologies, Inc Grimes, IA Unit Price	Concrete Technologies, Inc Grimes, IA Amount	Vanderpool Construction, Inc Indianola, IA Unit Price	Vanderpool Construction, Inc Indianola, IA Amount	CJ Moyna & Sons, Inc Elkader, IA Unit Price	CJ Moyna & Sons, Inc Elkader, IA Amount	Kingston Services, LLC Des Moines, IA Unit Price	Kingston Services, LLC Des Moines, IA Amount	Elder Corporation Des Moines, IA Unit Price	Elder Corporation Des Moines, IA Amount	Engineer's Estimate Unit Price	Engineer's Estimate Amount
						Bid Security	X	Bid Security	X	Bid Security	X	Bid Security	X	Bid Security	X		
						Bidder Status	X	Bidder Status	X	Bidder Status	X	Bidder Status	X	Bidder Status	X		
1	2010-A-1000	CLEARING AND GRUBBING	1	0	LS	$12,250.00	$12,250.00	$12,250.00	$12,250.00	$10,500.00	$10,500.00	$68,000.00	$68,000.00	$12,000.00	$12,000.00	$ 30,000.00	$30,000.00
2	2010-B-1000	TOPSOIL, ON-SITE	15,797	3,500	CY	$7.10	$137,008.70	$5.14	$99,188.58	$6.10	$117,711.70	$8.00	$154,376.00	$6.80	$133,149.30	$ 8.00	$154,376.00
3	2010-E-1000	EXCAVATION, CL 10, RDWY+BORROW	54802		CY	$4.45	$243,868.90	$3.75	$205,507.50	$7.30	$400,054.60	$10.00	$548,020.00	$4.30	$235,646.60	$ 10.00	$548,020.00
4	2010-G-1000	SUBGRADE PREPARATION	20549		SY	$2.75	$56,509.75	$9.50	$195,215.50	$2.70	$55,482.30	$4.00	$82,196.00	$2.65	$54,454.85	$ 3.00	$61,647.00
5	2010-H-1000	SUBGRADE TREATMENT, CRUSHED ROCK	160		CY	$60.25	$9,037.50	$57.15	$8,572.50	$52.80	$7,920.00	$54.00	$8,100.00	$58.50	$8,775.00	$ 20.00	$3,000.00
6	2010-H-2000	SUBGRADE TREATMENT, POLYMER GRID	200		SY	$5.15	$1,030.00	$2.28	$452.00	$8.00	$1,600.00	$40.00	$8,000.00	$5.00	$1,000.00	$ 20.00	$4,000.00
7	2010-I-1000	MODIFIED SUBBASE	20549		SY	$8.15	$167,474.35	$7.25	$148,980.25	$9.90	$203,435.10	$8.00	$164,392.00	$7.65	$157,199.85	$ 7.00	$143,843.00
8	2511-0310100	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	6.8	11.1	STA	$432.50	$7,655.25	$505.00	$8,938.90	$650.00	$11,505.00	$900.00	$15,930.00	$420.00	$7,434.00	$ 750.00	$13,275.00
9	4020-A-1315	STORM SWR G-MAIN,TRENCHED, RCP 2000D,15"	2021		LF	$69.00	$139,449.00	$54.00	$109,134.00	$80.00	$161,680.00	$36.00	$72,756.00	$67.00	$135,407.00	$ 75.00	$151,575.00
10	4020-A-1318	STORM SWR G-MAIN,TRENCHED, RCP 2000D,18"	873		LF	$77.75	$75,650.75	$63.80	$62,077.40	$90.00	$87,570.00	$44.00	$42,812.00	$75.50	$73,461.50	$ 80.00	$77,840.00
11	4020-A-1324	STORM SWR G-MAIN,TRENCHED, RCP 2000D,24"	309		LF	$88.50	$27,346.50	$81.25	$25,106.25	$100.00	$30,900.00	$58.00	$17,304.00	$96.00	$28,574.00	$ 85.00	$26,265.00
12	4020-A-1330	STORM SWR G-MAIN,TRENCHED, RCP 2000D,30"	173		LF	$116.00	$20,068.00	$123.60	$21,382.80	$105.00	$18,165.00	$72.00	$12,456.00	$112.50	$19,462.50	$ 90.00	$15,570.00
13	4020-A-1336	STORM SWR G-MAIN,TRENCHED, RCP 2000D,36"	412		LF	$141.50	$58,298.00	$135.80	$55,867.20	$150.00	$61,800.00	$102.00	$42,024.00	$137.50	$56,650.00	$ 120.00	$49,440.00
14	4020-A-1342	STORM SWR G-MAIN,TRENCHED, RCP 2000D,42"	212		LF	$185.00	$39,220.00	$166.41	$35,278.92	$185.00	$39,220.00	$124.00	$26,288.00	$179.50	$38,054.00	$ 140.00	$29,680.00
15	4020-A-1348	STORM SWR G-MAIN,TRENCHED, RCP 2000D,48"	154		LF	$199.00	$30,646.00	$190.00	$29,260.00	$195.00	$30,030.00	$164.00	$25,256.00	$189.00	$29,722.00	$ 175.00	$26,950.00
16	4020-A-1360	STORM SWR G-MAIN,TRENCHED, RCP 2000D,60"	65		LF	$309.00	$20,085.00	$1,305.00	$84,825.00	$290.00	$18,850.00	$216.00	$14,040.00	$300.00	$19,500.00	$ 225.00	$14,625.00
17	4020-A-1366	STORM SWR G-MAIN,TRENCHED, RCP 2000D,66"	187		LF	$371.00	$73,087.00	$343.00	$67,571.00	$325.00	$64,025.00	$248.00	$48,856.00	$380.00	$70,820.00	$ 250.00	$49,250.00
18	4020-A-1424	STORM SWR G-MAIN,TRENCHED, RCP 3000D,24"		312	LF	$126.75	$39,546.00	$105.50	$32,916.00	$125.00	$39,000.00	$64.00	$19,968.00	$123.00	$38,376.00	$ 225.00	$70,200.00
19	4030-A-2000	PIPE CULVERT, 8IN., TRENCHLESS, TEMPORARY		1	LS	$11,330.00	$11,330.00	$9,315.00	$9,315.00	$10,000.00	$10,000.00	$18,000.00	$18,000.00	$11,000.00	$11,000.00	$ 25,000.00	$25,000.00
20	4030-B-1024	APRON, CONCRETE, 15IN.		4	EACH	$1,655.00	$7,420.00	$1,780.00	$7,120.00	$2,300.00	$9,200.00	$1,600.00	$6,400.00	$1,800.00	$7,200.00	$ 2,100.00	$8,400.00
21	4030-B-1024	APRON, CONCRETE, 24IN.	1	2	EACH	$2,370.00	$7,110.00	$2,430.00	$7,290.00	$2,700.00	$8,100.00	$1,900.00	$5,700.00	$2,300.00	$6,900.00	$ 2,500.00	$7,500.00
22	4030-B-1036	APRON, CONCRETE, 36IN.	2		EACH	$3,295.00	$6,590.00	$3,550.00	$7,100.00	$4,200.00	$8,400.00	$2,100.00	$4,200.00	$3,200.00	$6,400.00	$ 2,700.00	$5,400.00
23	4030-B-1042	APRON, CONCRETE, 42IN.	1		EACH	$3,810.00	$3,810.00	$2,475.00	$2,475.00	$3,300.00	$3,300.00	$2,900.00	$2,900.00	$3,700.00	$3,700.00	$ 3,500.00	$3,500.00
24	4030-B-1048	APRON, CONCRETE, 48 IN.	1		EACH	$4,530.00	$4,530.00	$2,810.00	$2,810.00	$3,800.00	$3,800.00	$3,400.00	$3,400.00	$4,400.00	$4,400.00	$ 4,000.00	$4,000.00
25	4030-B-1060	APRON, CONCRETE, 60 IN.	1		EACH	$5,870.00	$5,870.00	$3,830.00	$3,830.00	$5,000.00	$5,000.00	$4,500.00	$4,500.00	$5,700.00	$5,700.00	$ 4,500.00	$4,500.00
26	4030-B-1066	APRON, CONCRETE, 66 IN.	1		EACH	$6,895.00	$6,895.00	$4,370.00	$4,370.00	$5,300.00	$5,300.00	$5,500.00	$5,500.00	$5,500.00	$5,500.00	$ 4,500.00	$4,500.00
27	4040-A-1006	SUBDRAIN, LONGITUDINAL, (SHLD) 6"	3324.5		LF	$20.50	$68,152.25	$12.00	$39,894.00	$12.00	$39,894.00	$12.00	$39,894.00	$20.00	$66,490.00	$ 15.00	$49,857.50
28	4040-A-1112	SUBDRAIN, TILE, 12"	750		LF	$45.30	$33,975.00	$16.50	$12,375.00	$18.00	$13,500.00	$32.00	$24,000.00	$44.00	$33,000.00	$ 35.00	$26,250.00
29	4040-A-2004	SUBDRAIN, PERFORATED PLASTIC PIPE , 4IN., UNDERPASS		1	LS	$15,450.00	$15,450.00	$4,775.00	$4,775.00	$13,000.00	$13,000.00	$4,500.00	$4,500.00	$15,000.00	$15,000.00	$ 20,000.00	$20,000.00
30	4040-C-1006	SUBDRAIN CLEANOUT	10		EACH	$494.50	$4,945.00	$300.00	$3,000.00	$800.00	$8,000.00	$600.00	$6,000.00	$480.00	$4,800.00	$ 750.00	$7,500.00
31	4040-D-1006	SUBDRAIN OUTLET, PIPE CONNECTION		2	EACH	$193.50	$387.00	$1,200.00	$2,400.00	$1,000.00	$2,000.00	$1,200.00	$2,400.00	$188.00	$376.00	$ 700.00	$1,400.00
32	4040-D-1006	SUBDRAIN OUTLET	37		EACH	$195.00	$7,215.00	$240.00	$8,880.00	$500.00	$18,500.00	$450.00	$16,650.00	$188.00	$6,993.00	$ 400.00	$14,800.00
33		WATERMAIN, TRENCHED, 12" PVC C900	251		LF	$82.50	$20,707.50	$41.25	$10,353.75	$65.00	$16,315.00	$64.00	$16,064.00	$80.00	$20,080.00	$ 65.00	$16,315.00
34		CONNECT TO EXISTING SYSTEM	2		EACH	$3,810.00	$7,620.00	$1,550.00	$3,100.00	$2,000.00	$4,000.00	$5,500.00	$11,000.00	$3,700.00	$7,400.00	$ 1,000.00	$2,000.00
35		FLUSHING DEVICE, BLOWOFF	2		EACH	$2,575.00	$5,150.00	$2,015.00	$4,030.00	$1,700.00	$3,400.00	$2,000.00	$4,000.00	$2,500.00	$5,000.00	$ 1,500.00	$3,000.00
36	5010-C-2000	FITTING, WATERMAIN, BY WEIGHT	640		LB	$6.50	$4,160.00	$11.30	$7,232.00	$6.00	$3,840.00	$12.00	$7,680.00	$8.30	$4,032.00	$ 12.00	$7,680.00
37	5020-F-1000	VALVE BOX ADJUSTMENT	5		EACH	$464.00	$2,420.00	$850.00	$4,250.00	$300.00	$1,500.00	$500.00	$2,500.00	$470.00	$2,350.00	$ 750.00	$3,750.00
38	5020-H-1000	FIRE HYDRANT ADJUSTMENT	3		EACH	$1,545.00	$4,635.00	$725.00	$2,175.00	$1,200.00	$3,600.00	$2,000.00	$6,000.00	$1,500.00	$4,500.00	$ 1,500.00	$4,500.00
39		RELOCATE EXISTING VALVE	5		EACH	$1,854.00	$9,270.00	$820.00	$4,100.00	$2,500.00	$12,500.00	$1,000.00	$5,000.00	$1,800.00	$9,000.00	$ 1,000.00	$5,000.00
40		RELOCATE EXISTING FITTING	2		EACH	$1,235.00	$2,472.00	$1,770.00	$3,540.00	$1,800.00	$3,600.00	$1,000.00	$2,000.00	$1,200.00	$2,400.00	$ 1,000.00	$2,000.00
41		RELOCATE EXISTING FIRE HYDRANT	2		EACH	$2,163.00	$4,326.00	$1,125.00	$2,250.00	$3,300.00	$6,600.00	$3,000.00	$6,000.00	$2,100.00	$4,200.00	$ 700.00	$1,400.00
42		WATERMAIN REPAIR	3		EACH	$2,370.00	$7,110.00	$4,500.00	$13,500.00	$4,600.00	$13,800.00	$2,400.00	$7,200.00	$2,300.00	$6,900.00	$ 1,250.00	$3,750.00
43	5010-A-1048	MANHOLE, STORM SEWER, 48 IN.		2	EACH	$4,225.00	$8,450.00	$5,490.00	$10,980.00	$5,400.00	$10,800.00	$6,000.00	$12,000.00	$4,100.00	$8,200.00	$ 6,000.00	$12,000.00
44	5010-A-1072	MANHOLE, STORM SWR, 72 IN.	1		EACH	$6,180.00	$6,180.00	$7,175.00	$7,175.00	$6,000.00	$6,000.00	$24,000.00	$24,000.00	$6,000.00	$6,000.00	$ 7,000.00	$7,000.00
45	5010-B-1505	INTAKE, SW-505	11		EACH	$4,430.00	$48,730.00	$4,075.00	$44,825.00	$4,100.00	$45,100.00	$5,000.00	$55,000.00	$4,300.00	$47,300.00	$ 6,000.00	$66,000.00
46	5010-B-1506	INTAKE, SW-506	3		EACH	$7,210.00	$21,630.00	$7,000.00	$21,000.00	$5,700.00	$17,100.00	$6,500.00	$19,500.00	$7,000.00	$21,000.00	$ 8,000.00	$24,000.00
47	5010-B-1513	INTAKE, SW-513	1		EACH	$4,635.00	$4,635.00	$4,110.00	$4,110.00	$4,300.00	$4,300.00	$4,500.00	$4,500.00	$4,500.00	$4,500.00	$ 6,000.00	$6,000.00
48	5010-B-1516	INTAKE, MODIFIED SW-506, TYPE A	8		EACH	$8,755.00	$70,040.00	$12,530.00	$100,240.00	$16,300.00	$130,400.00	$10,000.00	$80,000.00	$8,500.00	$68,000.00	$ 10,000.00	$80,000.00
49	5010-B-1517	INTAKE, MODIFIED SW-506, TYPE B	2		EACH	$15,450.00	$30,900.00	$14,650.00	$29,300.00	$21,500.00	$43,000.00	$11,000.00	$22,000.00	$16,000.00	$30,000.00	$ 12,000.00	$24,000.00
50	5010-B-1518	INTAKE, MODIFIED SW-506, TYPE C	14		EACH	$7,000.00	$98,000.00	$7,420.00	$103,880.00	$5,300.00	$74,200.00	$7,500.00	$105,000.00	$6,800.00	$95,200.00	$ 7,500.00	$105,000.00
51	5010-F-1000	MANHOLE ADJUSTMENT, MAJOR	5		EACH	$1,545.00	$7,725.00	$3,325.00	$16,625.00	$2,400.00	$12,000.00	$2,500.00	$12,500.00	$1,500.00	$7,500.00	$ 2,500.00	$12,500.00
52	2403-0100020	STRUCTURAL CONCRETE (RCB CULVERT)		398	CY	$845.00	$258,968.00	$873.00	$347,803.20	$880.00	$354,576.00	$714.00	$284,457.60	$650.00	$258,960.00	$ 800.00	$318,720.00
53	2404-7775000	REINFORCING STEEL		78,120	LB	$1.30	$101,556.00	$1.06	$82,807.20	$3.00	$234,360.00	$1.96	$154,677.60	$1.40	$109,368.00	$ 2.00	$156,240.00
54	7010-A-2009	REINFORCED PCC PAVEMENT, 9"	17,888		SY	$63.40	$1,140,439.20	$69.38	$1,248,007.44	$63.40	$1,140,439.20	$68.00	$1,223,184.00	$68.50	$1,198,202.00	$ 55.00	$989,340.00
55	7010-I-1000	PCC PAVEMENT SAMPLES AND TESTING	1		LS	$6,000.00	$6,000.00	$6,500.00	$6,500.00	$6,000.00	$6,000.00	$4,000.00	$4,000.00	$6,300.00	$6,300.00	$ 2,500.00	$2,500.00
56	7030-C-1006	RECREATIONAL TRAIL, PCC, 6 IN.	835	1,231	SY	$36.50	$73,343.00	$40.00	$82,640.00	$35.50	$73,343.00	$48.00	$99,168.00	$37.50	$77,475.00	$ 45.00	$92,970.00
57	7030-E-1000	MEDIAN PAVEMENT	35		SY	$80.00	$2,800.00	$90.00	$3,150.00	$80.00	$2,800.00	$54.00	$1,890.00	$84.00	$2,940.00	$ 40.00	$1,400.00
58	7030-G-1000	DETECTABLE WARNING - CURB RAMP	88		SF	$40.50	$3,483.00	$43.50	$3,741.00	$40.50	$3,483.00	$35.00	$3,010.00	$42.50	$3,655.00	$ 50.00	$4,300.00
59	7040-H-1000	REMOVAL OF PAVEMENT	1,023		SY	$6.80	$6,956.06	$7.25	$7,416.39	$12.00	$12,276.40	$15.00	$15,344.25	$6.60	$6,751.47	$ 10.00	$10,229.50
60		TRAIL DETOUR		1	LS	$23,890.00	$23,890.00	$4,600.00	$4,600.00	$26,500.00	$26,500.00	$38,000.00	$38,000.00	$23,000.00	$23,000.00	$ 50,000.00	$50,000.00
61	2518-8881820	PERMANENT ROAD CLOSURE	12		EACH	$620.00	$7,440.00	$596.00	$7,152.00	$650.00	$7,800.00	$600.00	$7,200.00	$680.00	$8,160.00	$ 600.00	$6,000.00
62		UNDERPASS LIGHTING		1	LS	$15,780.00	$15,780.00	$16,600.00	$16,600.00	$20,000.00	$20,000.00	$20,500.00	$20,500.00	$16,000.00	$16,000.00	$ 30,000.00	$30,000.00
63	9010-A-1010	SEEDING AND FERTILIZING, TYPE 1	9		ACRE	$1,135.00	$9,874.50	$1,170.00	$10,179.00	$1,100.00	$9,570.00	$1,100.00	$9,570.00	$1,200.00	$10,440.00	$ 2,000.00	$17,400.00
64	9010-A-1020	SEEDING AND FERTILIZING, TYPE 2	17		ACRE	$805.00	$14,007.00	$830.00	$14,442.00	$780.00	$13,572.00	$780.00	$13,572.00	$710.00	$12,354.00	$ 2,000.00	$34,800.00
65	9010-A-2000	SEEDING AND FERTILIZING, TYPE 5	52		ACRE	$175.00	$9,152.50	$180.00	$9,414.00	$170.00	$8,891.00	$170.00	$8,891.00	$330.00	$17,259.00	$ 1,200.00	$62,760.00
66	9040-A-1000	SWPPP PREPERATION	1		LS	$1,545.00	$1,545.00	$37,500.00	$37,500.00	$1,500.00	$1,500.00	$1,500.00	$1,500.00	$1,300.00	$1,300.00	$ 5,000.00	$5,000.00
67	9040-A-2000	SWPPP MANAGEMENT	1		LS	$3,080.00	$3,080.00	$3,200.00	$3,200.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$2,600.00	$2,600.00	$ 30,000.00	$30,000.00
68	9040-D-1000	FILTER SOCK, 9 IN.	5,800		LF	$1.55	$8,990.00	$1.60	$9,280.00	$1.50	$8,700.00	$1.50	$8,700.00	$1.75	$10,150.00	$ 3.00	$17,400.00
69	9040-D-2000	REMOVAL OF FILTER SOCK	5,800		LF	$0.20	$1,160.00	$0.22	$1,276.00	$0.20	$1,160.00	$0.20	$1,160.00	$0.10	$580.00	$ 0.50	$2,900.00
70	9040-E-1000	TEMPORARY RECP, TYPE 2C	10,000		SY	$1.15	$11,500.00	$1.17	$11,700.00	$1.08	$10,800.00	$1.08	$10,800.00	$1.20	$12,000.00	$ 2.00	$20,000.00
71	9040-J-1000	REVETMENT, CLASS D	351		TON	$59.75	$20,972.25	$58.00	$20,358.00	$80.00	$28,080.00	$60.00	$21,060.00	$58.00	$20,358.00	$ 50.00	$17,550.00
72	9040-N-1000	SILT FENCE	2,800		LF	$1.55	$4,340.00	$1.63	$4,564.00	$1.50	$4,200.00	$1.50	$4,200.00	$1.75	$4,900.00	$ 3.00	$8,400.00
73	9040-N-2000	SILT FENCE, REMOVAL OF SEDIMENT	1,400		LF	$0.10	$140.00	$0.11	$154.00	$0.10	$140.00	$0.10	$140.00	$0.65	$910.00	$ 2.00	$2,800.00
74	9040-N-3000	SILT FENCE, REMOVAL OF DEVICE	2,800		LF	$0.20	$560.00	$0.22	$616.00	$0.20	$560.00	$0.20	$560.00	$0.10	$280.00	$ 1.50	$4,200.00
75	9040-Q-1000	MULCH, CONVENTIONAL	78		ACRE	$415.00	$32,370.00	$425.00	$33,345.50	$400.00	$31,384.00	$500.00	$39,230.00	$380.00	$30,599.40	$ 1,000.00	$78,480.00
76	8060-A-6100	CHAIN LINK FENCE, 72 IN.		158	LF	$48.65	$7,689.40	$50.00	$7,900.00	$85.00	$13,430.00	$65.00	$10,270.00	$48.50	$7,663.00	$ 65.00	$10,270.00
77	9010-A-1000	REMOVALS, AS PER PLAN		1	LS	$6,480.00	$6,480.00	$1,800.00	$1,800.00	$8,500.00	$8,500.00	$40,000.00	$40,000.00	$6,300.00	$6,300.00	$ 7,500.00	$7,500.00
78	1110-A-1000	CONSTRUCTION SURVEY	1		LS	$16,500.00	$16,500.00	$20,000.00	$20,000.00	$40,000.00	$40,000.00	$30,000.00	$30,000.00	$23,000.00	$23,000.00	$ 45,000.00	$45,000.00
79	2102-4560000	LOCATING TILE LINES	37		STA	$660.00	$24,486.00	$377.00	$13,986.70	$120.00	$4,452.00	$600.00	$18,550.00	$640.00	$23,744.00	$ 250.00	$9,275.00
80	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE/SOLVENT	251		STA	$37.00	$9,287.00	$39.10	$9,814.10	$25.00	$6,275.00	$48.00	$11,548.00	$37.80	$9,487.80	$ 50.00	$12,550.00
81	2527-9263137	PAINTED SYMBOL AND LEGENDS, WATERBORNE/SOLVENT	11		EACH	$92.75	$1,020.25	$97.74	$1,075.14	$100.00	$1,100.00	$120.00	$1,320.00	$95.00	$1,045.00	$ 100.00	$1,100.00
82	2527-9263117	PAINTED PAVEMENT MARKING, DURABLE	390		STA	$100.00	$39,000.00	$103.00	$40,170.00	$40.00	$15,600.00	$117.00	$45,630.00	$100.00	$39,000.00	$ 330.00	$128,700.00
83	2527-9263143	PAINTED SYMBOL AND LEGENDS, DURABLE	33		EACH	$225.00	$7,425.00	$23.50	$775.50	$360.00	$11,880.00	$240.00	$7,920.00	$230.00	$7,590.00	$ 340.00	$11,220.00
84		TRAFFIC CONTROL	1		LS	$109,450.00	$109,450.00	$8,500.00	$8,500.00	$125,000.00	$125,000.00	$28,000.00	$28,000.00	$129,759.73	$129,759.73	$ 20,000.00	$20,000.00
		TOTAL BID					$3,883,445.51		$3,781,288.32		$4,146,368.30		$4,081,682.48		$3,730,000.00		$4,246,923.00



VICINITY MAP



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LEGEND

PROJECT LOCATION ———

THE CITY OF WEST DES MOINES

CITY OF WEST DES MOINES
ENGINEERING SERVICES
4200 MILLS CIVIC PARKWAY
WEST DES MOINES, IOWA 50265
PH: (515) 222-3620 FAX: (515) 273-0602

PROJECT:	**MAFFITT LAKE ROAD - S. 8TH STREET TO VETERANS PARKWAY** Project No. 0510-046-2014
LOCATION:	**EXHIBIT "A"**
DRAWN BY: BJM	DATE: 1/07/2016 — SHT. 1 OF 1