CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

ITEM: **DATE: May 2, 2016**

Resolution - Ordering Construction
South 60th Street Improvements Phase 1 – Grand Avenue to Mills Civic Parkway

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the South 60th Street Improvements Phase 1 – Grand Avenue to Mills Civic Parkway Project is $5,026,924.90. Payments will be made from budgeted account no. 4246.75.820.6.7910 with the ultimate funding intended to come from General Obligation Bonds and TIF.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, May 11, 2016, and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, May 16, 2016. The contract would be awarded on Monday, May 16, 2016, and work will begin shortly thereafter.

This is the first of two projects to complete grading, storm sewer, and paving of two lanes of South 60th Street from Grand Avenue to Mills Civic Parkway. Phase 1 is anticipated to be completed by December 2, 2016. The entire project is planned to be complete by the end of 2017.

There is one property at the very south end of this this phase of the project where a temporary easement still needs to be finalized to facilitate the construction of a storm sewer. The new storm sewer will benefit the property owner. Staff has met on several occasions with the owners and anticipate the easement will be executed prior to initiating construction. The phase 2 portion of the project is anticipated to be constructed in 2017. There are only two pieces of ROW that still need to be acquired for phase 2 and neither parcel impacts the phase 1 project.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:
- Resolution Ordering Construction of South 60th Street Improvements Phase 1 – Grand Avenue to Mills Civic Parkway.
- Fixing 2:00 p.m. on Wednesday, May 11, 2016, as the time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

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

DCW

STAFF REVIEWS

Department Director	Duane C. Wittstock, P.E., L.S., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	RTJ

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Works		
Date Reviewed	April 25, 2016		
Recommendation	Yes	No	Split

Resolution Ordering Construction and
Notice of Public Hearing on Plans, Specifications, Form of Contract, Estimate of Cost, and Directing Advertisement for Bids

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the following described public improvement:

South 60th Street Improvements Phase 1 – Grand Avenue to Mills Civic Parkway
Project No. 0510-021-2014

is hereby ordered to be constructed according to the Plans and Specifications prepared by the Engineering Division of the City of West Des Moines and now on file in the office of the City Clerk.

BE IT FURTHER RESOLVED, that the detailed Plans and Specifications, Form of Contract, Bid Security, and Notice to Bidders are hereby approved, subject to hearing thereon, and that the same are now on file in the office of the City Clerk for public inspection.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish notice of hearing on the Plans and Specifications, Form of Contract, Bid Security and Estimate of Costs for said project to be held at 5:35 p.m. on Monday, May 16, 2016, with said notice published not less than four (4) days nor more than twenty (20) days prior to the date heretofore fixed.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish Notice to Bidders for said project with publication not less than four (4) days nor more than forty-five (45) days prior to the date for receiving bids. Said bids are to be filed prior to 2:00 p.m. on Wednesday, May 2, 2016.

BE IT FURTHER RESOLVED, that the bids received for construction of said improvements will be opened, publicly read and tabulated by the City Clerk, Deputy City Clerk, or City Clerk designee at 2:00 p.m. on Wednesday, May 2, 2016, and the results of said bids shall be considered at a meeting of this Council on Monday, May 16, 2016, at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED 2nd day of **May, 2016.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

Foth
Foth Infrastructure & Environment, LLC

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

South 60th Street Improvements

Grand Avenue to 1000' North of Pheasant Ridge Drive
West Des Moines, Iowa
Grand Avenue to Station 76+18
(Approx. 3,369 LF)

THE CITY OF WEST DES MOINES

Date: April 26, 2016

ITEM NO.	ITEM CODE	ITEM	UNIT	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	UNIT PRICE	DIVISION 1 TOTAL COST	DIVISION 2 TOTAL COST
DIVISION 1 - GENERAL								
		(NOT USED)						
DIVISION 2 - EARTHWORK, SUBGRADE AND SUBBASE								
2.1	2010-C-1000	CLEARING & GRUBBING	LS	1		$ 30,000.00	$ 30,000.00	$ -
2.2	2010-D-1000	TOPSOIL, ON SITE	CY	15,415		$ 11.00	$ 169,565.00	$ -
2.3	2010-E-1010	EXCAVATION, CLASS 10, ROADWAY & BORROW	CY	103,312		$ 9.00	$ 929,808.00	$ -
2.4	2010-E-1020	EXCAVATION, UNSUITABLE OR UNSTABLE MATERIAL, WASTE	CY	9,834		$ 10.00	$ 98,340.00	$ -
2.5	2010-E-1012	EXCAVATION, CLASS 12, WASTE	CY	4,578		$ 15.00	$ 68,670.00	$ -
2.6	2010-G-1012	SUBGRADE PREPARATION, 12 IN.	SY	11,044		$ 3.50	$ 38,654.00	$ -
2.7	2010-I-1000	MODIFIED SUBBASE	CY	2,274		$ 30.00	$ 68,220.00	$ -
2.8	2010-J-1100	REMOVALS, AS PER PLAN	LS	1		$ 15,000.00	$ 15,000.00	$ -
2.9	2010-J-2100	REMOVAL OF BOX CULVERT, 4'x4'	LS	1		$ 20,000.00	$ 20,000.00	$ -
2.10	2010-J-3100	REMOVAL OF CULVERT LESS THAN OR EQUAL TO 36 IN.	LF	393		$ 25.00	$ 9,825.00	$ -
2.11	2010-K-1018	FILL AND PLUG STORM SEWER, 18 IN	LF	105		$ 5.00	$ 525.00	$ -
2.12	2010-K-1024	FILL AND PLUG STORM SEWER, 24 IN	LF	75		$ 7.50	$ 562.50	$ -
DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION								
3.1	3010-B-1000	ROCK EXCAVATION	CY	210		$ 20.00	$ 4,200.00	$ -
3.2	3010-C-1000	TRENCH FOUNDATION	TON	500		$ 30.00	$ 15,000.00	$ -
DIVISION 4 - SEWERS AND DRAINS								
4.1	4010-A-1008	SANITARY SEWER GRAVITY MAIN, TRENCHED, 8 IN.	LF		661	$ 115.00	$ -	$ 76,015.00
4.2	4010-E-1004	SANITARY SEWER SERVICE STUB, 4 IN.	LF		72	$ 165.00	$ -	$ 11,880.00
4.3	4010-J-1000	CONNECTION TO EXISTING SANITARY SEWER MANHOLE	EA		1	$ 3,500.00	$ -	$ 3,500.00
4.4	4020-A-1324	STORM SEWER, TRENCHED, RCP, CLASS III, 24 IN.	LF	797		$ 85.00	$ 67,745.00	$ -
4.5	4020-A-1330	STORM SEWER, TRENCHED, RCP, CLASS III, 30 IN.	LF	420		$ 110.00	$ 46,200.00	$ -
4.6	4020-A-1336	STORM SEWER, TRENCHED, RCP, CLASS III, 36 IN.	LF	52		$ 145.00	$ 7,540.00	$ -
4.7	4020-A-1342	STORM SEWER, TRENCHED, RCP, CLASS III, 42 IN.	LF	83		$ 185.00	$ 15,355.00	$ -
4.8	4020-A-1515	STORM SEWER, TRENCHED, RCP, CLASS V, 15 IN.	LF	2,280		$ 65.00	$ 148,200.00	$ -
4.9	4020-A-1518	STORM SEWER, TRENCHED, RCP, CLASS V, 18 IN.	LF	957		$ 75.00	$ 71,775.00	$ -
4.10	4030-A-1354	CULVERT, TRENCHED, RCP, CLASS III, 54 IN.	LF	241		$ 250.00	$ 60,250.00	$ -
4.11	4020-A-1344	STORM SEWER, TRENCHED, RCAP, CLASS III, 44 X 27 IN.	LF	166		$ 185.00	$ 30,710.00	$ -
4.12	4020-A-1359	STORM SEWER, TRENCHED, RCAP, CLASS III, 59 X 36 IN.	LF	98		$ 215.00	$ 21,070.00	$ -
4.13	4020-A-1373	STORM SEWER, TRENCHED, RCAP, CLASS III, 73 X 45 IN.	LF	646		$ 250.00	$ 161,500.00	$ -
4.14	4030-B-1315	PIPE APRON, CONCRETE, 15 IN.	EA	4		$ 2,300.00	$ 9,200.00	$ -
4.15	4030-B-1318	PIPE APRON, CONCRETE, 18 IN.	EA	2		$ 2,500.00	$ 5,000.00	$ -
4.16	4030-B-1330	PIPE APRON, CONCRETE, 30 IN.	EA	4		$ 3,000.00	$ 12,000.00	$ -
4.17	4030-B-1336	PIPE APRON, CONCRETE, 36 IN.	EA	1		$ 3,200.00	$ 3,200.00	$ -
4.18	4030-B-1342	PIPE APRON, CONCRETE, 42 IN.	EA	1		$ 3,600.00	$ 3,600.00	$ -
4.19	4030-B-1354	PIPE APRON, CONCRETE, 54 IN.	EA	1		$ 4,500.00	$ 4,500.00	$ -
4.20	4030-B-1344	PIPE APRON, CONCRETE ARCH, 44 X 27 IN.	EA	1		$ 4,000.00	$ 4,000.00	$ -
4.21	4030-B-1373	PIPE APRON, CONCRETE ARCH, 73 X 45 IN.	EA	1		$ 5,600.00	$ 5,600.00	$ -
4.22	SPECIAL	BEND, STORM SEWER, RCP, 15 IN	EA	2		$ 750.00	$ 1,500.00	$ -
4.23	SPECIAL	BEND, STORM SEWER, RCP, 18 IN	EA	4		$ 1,000.00	$ 4,000.00	$ -
4.24	SPECIAL	BEND, STORM SEWER, RCP, 24 IN.	EA	2		$ 1,200.00	$ 2,400.00	$ -
4.25	SPECIAL	BEND, STORM SEWER, RCP, 54 IN.	EA	1		$ 1,500.00	$ 1,500.00	$ -
4.26	SPECIAL	FIELD TILE REPAIR AND FITTINGS, PVC, UNSPECIFIED DIA.	LF	500		$ 20.00	$ 10,000.00	$ -
4.27	4040-A-1006	SUBDRAIN, 6 IN. PVC, CASE A	LF	2,517		$ 15.00	$ 37,755.00	$ -
4.28	4040-A-2006	SUBDRAIN, 6 IN. PVC, CASE B	LF	1,471		$ 15.00	$ 22,065.00	$ -
4.29	4040-A-3006	SUBDRAIN, 6 IN. PVC, BACKSLOPE	LF	1,075		$ 20.00	$ 21,500.00	$ -
4.30	4040-C-1000	SUBDRAIN CLEANOUT, TYPE A-1	EA	10		$ 650.00	$ 6,500.00	$ -
4.31	4040-D-1000	SUBDRAIN OUTLET, CMP	EA	4		$ 350.00	$ 1,400.00	$ -
4.32	4040-D-1010	SUBDRAIN CONNECTION TO INTAKE OR STORM SEWER	EA	43		$ 550.00	$ 23,650.00	$ -
4.33	4060-A-1000	VIDEO INSPECTION OF SANITARY SEWER, STORM SEWER AND CULVERTS	LS	1		$ 20,000.00	$ 20,000.00	$ -
DIVISION 5 - WATER MAIN AND APPURTENANCES								
5.1	5010-A-1008	WATER MAIN, TRENCHED, UNRESTRAINED JOINT, PVC C900, DR18, 8 IN.	LF	145		$ 55.00	$ 7,975.00	$ -
5.2	5010-A-1012	WATER MAIN, TRENCHED, RESTRAINED JOINT, PVC C900, DR18, 12 IN.	LF	141		$ 70.00	$ 9,870.00	$ -
5.3	5010-A-1016	WATER MAIN, TRENCHED, UNRESTRAINED JOINT, PVC C905, DR18, 16 IN.	LF	3,195		$ 90.00	$ 287,550.00	$ -
5.4	5010-A-1116	WATER MAIN, TRENCHED, RESTRAINED JOINT, PVC C905, DR18, 16 IN	LF	120		$ 120.00	$ 14,400.00	$ -
5.5	5010-C-2000	WATER MAIN FITTINGS	LB	1,131		$ 8.00	$ 9,048.00	$ -
5.6	5010-C-2001	WATER MAIN FITTINGS, RELOCATE	EA	1		$ 2,000.00	$ 2,000.00	$ -
5.7	5010-D-1002	WATER SERVICE STUB, COPPER, 1 IN. NEAR SIDE CONNECT	EA	4		$ 1,750.00	$ 7,000.00	$ -
5.8	5010-D-1003	WATER SERVICE STUB, COPPER, 1 IN. FAR SIDE CONNECT	EA	5		$ 2,000.00	$ 10,000.00	$ -
5.9	5010-B-2071	WATER SERVICE LINE, COPPER, 1 IN.	LF	531		$ 12.00	$ 6,372.00	$ -
5.10	SPECIAL	WATER SERVICE METER PIT	EA	4		$ 4,500.00	$ 18,000.00	$ -
5.11	5020-A-1008	VALVE, GATE, 8 IN.	EA	1		$ 2,000.00	$ 2,000.00	$ -
5.12	5020-A-1012	VALVE, GATE, 12 IN.	EA	2		$ 4,500.00	$ 9,000.00	$ -
5.13	5020-A-1016	VALVE, GATE, 16 IN.	EA	5		$ 7,000.00	$ 35,000.00	$ -
5.14	5020-C-1000	FIRE HYDRANT ASSEMBLY	EA	10		$ 5,500.00	$ 55,000.00	$ -
5.15	5020-D-1000	FLUSHING DEVICE(BLOWOFF), RELOCATE	EA	1		$ 3,500.00	$ 3,500.00	$ -
5.16	5020-J-1000	REMOVE EXISTING FIRE HYDRANT ASSEMBLY	EA	4		$ 2,000.00	$ 8,000.00	$ -

Foth Infrastructure and Environment LLC
8191 Birchwood Court, Suite L
Johnston, Iowa 50131
Phone: (515) 254-1393
Fax: (515) 254-1842

Date Prepared 4/26/2016
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Foth
Foth Infrastructure & Environment, LLC

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

South 60th Street Improvements

Grand Avenue to 1000' North of Pheasant Ridge Drive
West Des Moines, Iowa
Grand Avenue to Station 76+18
(Approx. 3,369 LF)

THE CITY OF WEST DES MOINES

Date: April 26, 2016

ITEM NO.	ITEM CODE	ITEM	UNIT	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	UNIT PRICE	DIVISION 1 TOTAL COST	DIVISION 2 TOTAL COST
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWER								
6.1	6010-A-1301	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	EA		4	$ 4,500.00	$ -	$ 18,000.00
6.2	6010-A-1560	MANHOLE, STORM SEWER, SW-401, 60 IN.	EA	2		$ 5,500.00	$ 11,000.00	$ -
6.3	6010-A-1584	MANHOLE, STORM SEWER, SW-401, 84 IN.	EA	2		$ 7,500.00	$ 15,000.00	$ -
6.4	6010-A-1684	MANHOLE, STORM SEWER, SW-402, 7' X 7'	EA	1		$ 8,500.00	$ 8,500.00	$ -
6.5	6010-A-1696	MANHOLE, STORM SEWER, SW-402, 8' X 8'	EA	3		$ 9,500.00	$ 28,500.00	$ -
6.6	6010-A-1948	MANHOLE, STORM SEWER, SW-405, 48 IN.	EA	1		$ 4,500.00	$ 4,500.00	$ -
6.7	6010-B-1501	INTAKE, SINGLE GRATE, SW-501	EA	13		$ 2,750.00	$ 35,750.00	$ -
6.8	6010-B-1503	INTAKE, SINGLE GRATE WITH MANHOLE, SW-503	EA	13		$ 4,600.00	$ 59,800.00	$ -
6.9	6010-B-1505	INTAKE, DOUBLE GRATE, SW-505	EA	5		$ 4,200.00	$ 21,000.00	$ -
6.10	6010-B-1506	INTAKE, DOUBLE GRATE WITH MANHOLE, SW-506	EA	5		$ 7,200.00	$ 36,000.00	$ -
6.11	6010-B-1506	INTAKE, DOUBLE GRATE WITH MANHOLE, SW-506 MOD2	EA	1		$ 7,500.00	$ 7,500.00	$ -
6.12	6010-B-1512	INTAKE, CIRCULAR AREA INTAKE, SW-512, 24 IN.	EA	2		$ 3,500.00	$ 7,000.00	$ -
6.13	6010-C-1000	DROP CONNECTION, 8 IN.	EA		2	$ 3,000.00	$ -	$ 6,000.00
6.14	6010-E-1000	MANHOLE ADJUSTMENT, SANITARY, MINOR	EA	1		$ 1,500.00	$ 1,500.00	$ -
6.15	6010-F-1000	MANHOLE ADJUSTMENT, SANITARY, MAJOR	EA	1		$ 7,500.00	$ 7,500.00	$ -
6.16	SPECIAL	CULVERT HEADWALL WITH FENCE, 54 IN.	LS	1		$ 30,000.00	$ 30,000.00	$ -
DIVISION 7 - STREETS AND RELATED WORK								
7.1	7010-A-2100	PAVEMENT, REINFORCED PCC, CLASS C-QMC, 10 IN.	SY	15,395		$ 75.00	$ 1,154,625.00	$ -
7.2	7010-A-1070	PAVEMENT, PCC, CLASS C-QMC, 7 IN.	SY	1,431		$ 65.00	$ 93,015.00	$ -
7.3	7010-I-1000	PCC PAVEMENT SAMPLES AND TESTING	LS	1		$ 15,000.00	$ 15,000.00	$ -
7.4	7010-J-1000	GRANULAR SURFACING	TON	892		$ 20.00	$ 17,840.00	$ -
7.5	7010-A-1000	REMOVAL OF SIDEWALK, SHARED USE PATH OR DRIVEWAY	SY	1,913		$ 8.00	$ 15,304.00	$ -
7.6	7030-C-1006	SHARED USE PATH, REINFORCED PCC, 6 IN.	SY	2,433		$ 45.00	$ 109,485.00	$ -
7.7	7030-G-1000	DETECTABLE WARNINGS	SF	60		$ 42.00	$ 2,520.00	$ -
7.8	7030-H-1060	DRIVEWAY, PAVED, PCC, 6 IN.	SY	2,571		$ 50.00	$ 128,550.00	$ -
7.9	7040-H-1000	PAVEMENT REMOVAL	SY	3,317		$ 7.00	$ 23,217.50	$ -
7.10	SPECIAL	TEMPORARY GRANULAR SURFACING	TON	600		$ 35.00	$ 21,000.00	$ -
DIVISION 8 - TRAFFIC SIGNALS AND TRAFFIC CONTROL								
8.1	SPECIAL	TRAFFIC CONTROL	LS	1		$ 50,000.00	$ 50,000.00	$ -
DIVISION 9 - SITE WORK AND LANDSCAPING								
9.1	9010-B-1100	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 1 (PERM. LAWN MIX.)	ACRE	11		$ 1,500.00	$ 16,500.00	$ -
9.2	9010-B-1200	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 2 (PERM. COOL SEASON MIX.)	ACRE	5		$ 1,200.00	$ 6,000.00	$ -
9.3	9010-B-1400	CONTROL MIX.)	ACRE	16		$ 750.00	$ 12,000.00	$ -
9.4	9010-E-1000	WARRANTY	LS	1		$ 5,200.00	$ 5,200.00	$ -
9.5	9040-A-2000	SWPPP, PREPARATION & MANAGEMENT	LS	1		$ 7,500.00	$ 7,500.00	$ -
9.6	9040-D-1012	FILTER SOCKS, 12 IN., INSTALLATION	LF	630		$ 2.00	$ 1,260.00	$ -
9.7	9040-D-2012	FILTER SOCKS, 12 IN., MAINTENANCE AND REMOVAL	LF	630		$ 1.50	$ 945.00	$ -
9.8	9040-E-1000	TEMPORARY ROLLED EROSION CONTROL PRODUCTS (RECP)	SY	1,148		$ 2.50	$ 2,870.00	$ -
9.9	9040-G-1000	ROCK CHECK DAMS	TON	40		$ 45.00	$ 1,800.00	$ -
9.10	9040-J-3020	RIP RAP, CLASS E	TON	284		$ 50.00	$ 14,200.00	$ -
9.11	9040-N-1000	SILT FENCE, INSTALLATION	LF	9,831		$ 1.50	$ 14,746.50	$ -
9.12	9040-N-2000	SILT FENCE, REMOVAL OF SEDIMENT	LF	9,831		$ 0.15	$ 1,474.65	$ -
9.13	9040-N-3000	SILT FENCE, REMOVAL OF DEVICE	LF	9,831		$ 0.15	$ 1,474.65	$ -
9.14	9040-Q-1000	EROSION CONTROL MULCHING, CONVENTIONAL MULCHING	ACRE	16		$ 350.00	$ 5,600.00	$ -
9.15	9040-T-1000	INLET PROTECTION DEVICE, INSTALLATION	EA	43		$ 150.00	$ 6,450.00	$ -
9.16	9070-4-1000	MODULAR BLOCK RETAINING WALL	SF	290		$ 35.00	$ 10,150.00	$ -
DIVISION 10 - DEMOLITION								
		(NOT USED)						
DIVISION 11 - MISCELLANEOUS								
11.1	11010-A-1000	CONSTRUCTION SURVEY	LS	1		$ 75,000.00	$ 75,000.00	$ -
11.2	11030-B-1000	PAINTED PAVEMENT MARKINGS, WATERBORNE/SOLVENT	STA	48.18		$ 100.00	$ 4,818.00	$ -
11.3	11030-C-1000	PAINTED PAVEMENT MARKINGS, DURABLE	STA	78.20		$ 150.00	$ 11,730.00	$ -
11.4	11030-F-1000	PAINTED SYMBOLS & LEGENDS, WATERBORNE/SOLVENT	EACH	5		$ 150.00	$ 750.00	$ -
11.5	11030-G-1000	PAINTED SYMBOLS & LEGENDS, DURABLE	EACH	16		$ 300.00	$ 4,800.00	$ -
11.6	11030-M-1000	GROOVES CUT FOR PAVEMENT MARKINGS	STA	78.20		$ 25.00	$ 1,955.00	$ -
11.7	11030-N-1000	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	16		$ 150.00	$ 2,400.00	$ -
11.8	11040-A-1000	MAINTENANCE OF POSTAL SERVICE	LS	1		$ 2,500.00	$ 2,500.00	$ -
11.9	11040-B-1000	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1		$ 7,500.00	$ 7,500.00	$ -
11.10	11060-A-1000	CONCRETE WASHOUT	LS	1		$ 5,000.00	$ 5,000.00	$ -
SUBTOTAL							$ 4,911,529.90	$ 115,395.00
		CONTINGENCY (0%)					$ -	$ -
TOTAL ESTIMATED CONSTRUCTION COSTS							$ 4,911,529.90	$ 115,395.00

LICENSED PROFESSIONAL ENGINEER
BRADLEY D HOPKEY
16305
IOWA

4/26/16

ALL PAGES

Foth Infrastructure and Environment, LLC
6191 Birchwood Court, Suite L
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Date Prepared: 4/26/2016
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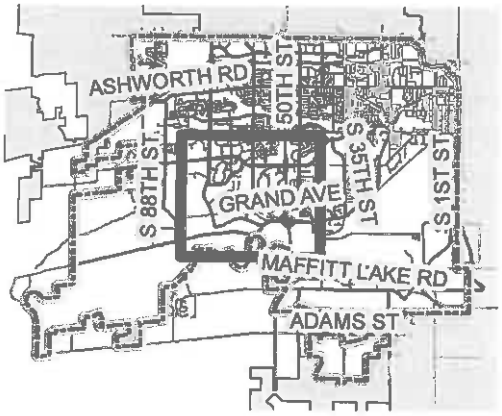
VICINITY MAP



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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: **SOUTH 60TH STREET IMPROVEMENTS**
GRAND AVENUE TO MILLS CIVIC PARKWAY
Project No. 0510-021-2014

LOCATION:

EXHIBIT "A"

DRAWN BY: BJM	DATE: 6/24/2015	SHT. 1 OF 1