CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: **April 6, 2015**

ITEM:

Resolution - Ordering Construction
Grand Avenue Improvements, Phase 6
South 35th Street to South 50th Street
IDOT No. STP-U-8260(635)-70-77

FINANCIAL IMPACT:

The engineering estimate of construction cost for the Grand Avenue Improvements Phase 6 is $6,648,352.25. Payments will be made from budgeted account number 4045.75.820.6.7930 from General Obligation Bonds. The City will receive reimbursements for part of the cost from the Iowa Department of Transportation (IDOT) through Federal funding.

BACKGROUND:

A Bid Letting at the IDOT is scheduled for Tuesday, April 21, 2015. A Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, May 4, 2015. The contract would be awarded on Monday, May 4, 2015 subject to IDOT concurrence, and work will begin shortly thereafter.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of the Grand Avenue Improvements, Phase 6.
- Fixing 10:30 a.m. on Tuesday, April 21, 2015, as 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**

STAFF REVIEWS

Department Director	Duane C. Wittstock, 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	March 30, 2015		
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:

Grand Avenue Improvements Project, Phase 6
Project No. 0510-018-2013

is hereby ordered constructed according to the Plans and Specifications prepared by the City of West Des Moines and now on file in the office of 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 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 May 4, 2015, 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 prospective actions by the City Clerk in publishing a Notice to Bidders for said project (publication to be not less than four (4) days nor more than forty-five (45) days prior to the date for receiving bids) are hereby approved. Said bids are to be filed prior to the time appointed and location indicated by the Iowa Department of Transportation on Tuesday, April 21, 2015.

BE IT FURTHER RESOLVED, that the bids received for construction of said improvements will be opened, publicly read and tabulated by the Iowa Department of Transportation at the appointed time on Tuesday, April 21, 2015, and the results of said bids shall be considered at a meeting of this Council on Monday, May 4, 2015 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED this **6th** day of **April, 2015.**

Steven K. Gaer, Mayor

ATTEST:

Ryan T. Jacobson, City Clerk

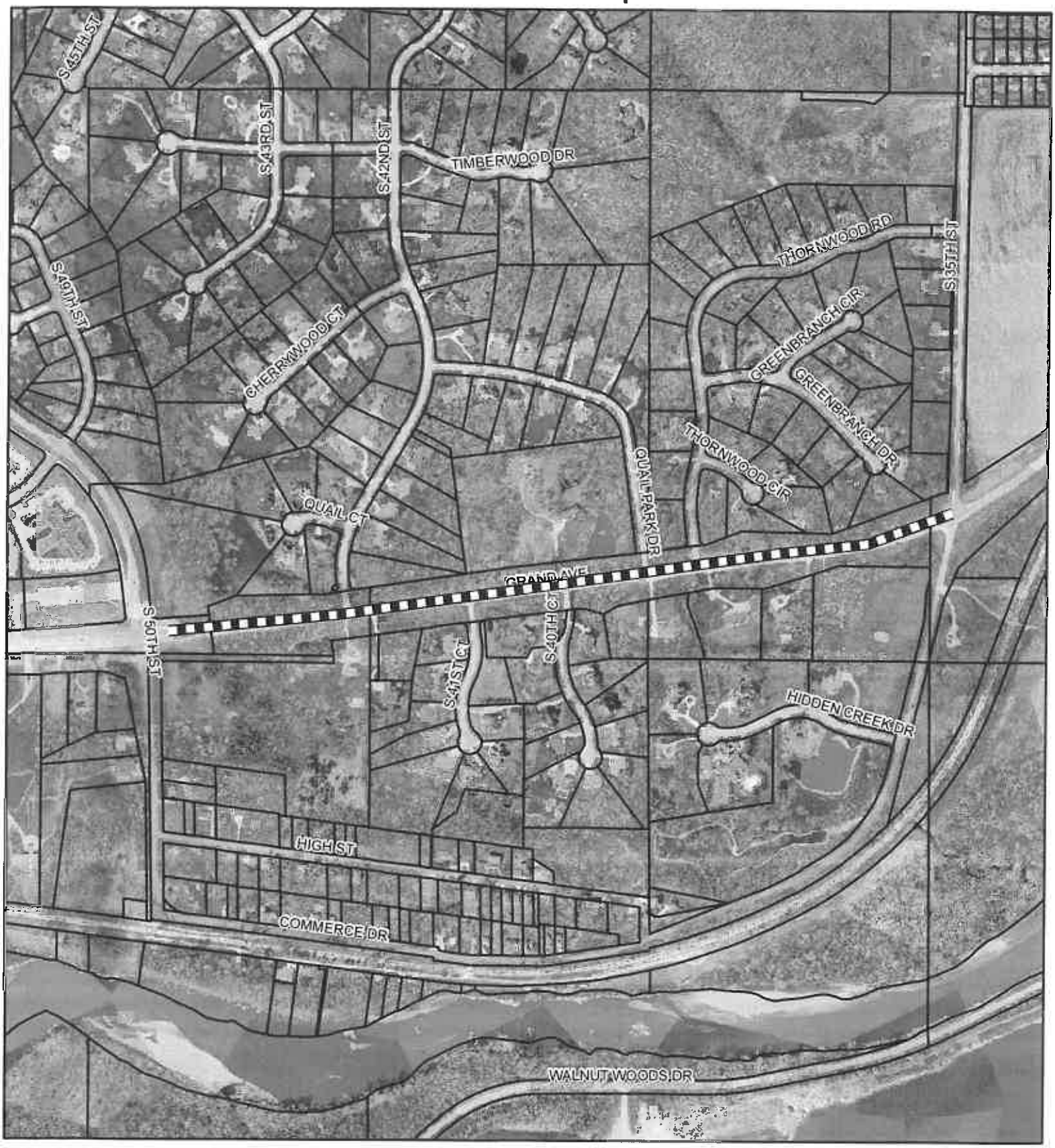
OPINION OF PROBABLE PROJECT COST

Grand Avenue
Grade, Drain and Pave
From S. 56th Street to S. 35th Street
3600 LF
February 2015

ITEM NO.		ITEM	UNIT	UNIT PRICE	Project QTY.	Project TOTAL
1	2101-0850001	CLEARING AND GRUBBING	ACRE	$ 2,500.00	17.2	$ 43,000.00
2	2102-2025001	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISH	CY	$ 15.00	48960	$ 734,400.00
3	2102-2710070	EXCAVATION, CL 10, ROWY+BORROW	CY	$ 10.00	43425	$ 434,250.00
4	2102-4500000	LOCATING TILE LINE	STA	$ 300.00	15	$ 4,500.00
5	2105-8425005	TOPSOIL, FURNISH AND SPREAD	CY	$ 15.00	14500	$ 217,500.00
6	2107-0875000	COMPACTION W/MOISTURE+DENSITY CONTROL	CY	$ 1.00	59300	$ 59,300.00
7	2109-5225100	SPECIAL COMPACTION OF SUBGRADE	STA	$ 1,600.00	74.75	$ 119,600.00
8	2210-0475105	SHLD FINISH, EARTH	STA	$ 350.00	77.5	$ 27,125.00
9	2123-7450000	CHOKE STONE BASE	TON	$ 60.00	200	$ 12,000.00
10	2301-1033060	STDS-F PCC PAV'T, CL C CL 3, 6"	SY	$ 48.00	1900	$ 87,400.00
11	2301-1033090	STDS-F PCC PAV'T, CL C CL 3, 9"	SY	$ 70.00	24060	$ 1,683,500.00
12	2301-6911722	PCC PAV'T SAMPLE	LS	$ 5,000.00	1	$ 5,000.00
13	2301-7000110	PAYMENT ADJ. INCENTIVE/DISINCENTIVE - THICKNE	EACH	$ 1.00	23360	$ 23,360.00
14	2312-5260051	GRANULAR SURFACING ON ROAD, CLASS A	TON	$ 35.00	500	$ 17,500.00
15	2318-5000110	PAYMENT ADJ. INCENTIVE/DISINCENTIVE - SMOOTH	EACH	$ 1.00	19470	$ 19,470.00
16	2401-5245850	REMOVAL OF EXISTING STRUCTURES	LS	$ 120,000.00	1	$ 120,000.00
17	2402-2720000	EXCAVATION, CL 20	CY	$ 22.00	10110	$ 222,420.00
18	2403-0100020	STRUCTURAL CONCRETE (RCB CULVERT)	CY	$ 600.00	789.2	$ 473,520.00
19	2404-7775000	REINFORCING STEEL	LB	$ 1.20	124099	$ 148,918.80
20	2416-0100030	APRON, CONC, 30"	EACH	$ 3,000.00	3	$ 9,000.00
21	2416-0100036	APRON, CONC, 36"	EACH	$ 3,500.00	2	$ 7,000.00
22	2416-0100042	APRON, CONC, 42"	EACH	$ 4,000.00	2	$ 8,000.00
23	2435-0140148	MANHOLE, STORM SWR, SW-401, 48"	EACH	$ 10,000.00	1	$ 10,000.00
24	2435-0140300	MANHOLE, STORM SWR, SW-403	EACH	$ 10,000.00	2	$ 20,000.00
25	2435-0140400	MANHOLE, STORM SWR, SW-404	EACH	$ 10,000.00	3	$ 30,000.00
26	2435-0140410	MANHOLE, STORM SWR, SW-404 MODIFIED	EACH	$ 5,000.00	1	$ 5,000.00
27	2435-0250100	INTAKE, SW-501	EACH	$ 2,500.00	11	$ 27,500.00
28	2435-0250300	INTAKE, SW-503	EACH	$ 3,500.00	9	$ 31,500.00
29	2435-0250310	INTAKE, SW-503 MODIFIED	EACH	$ 4,000.00	1	$ 4,000.00
30	2435-0250500	INTAKE, SW-505	EACH	$ 4,500.00	8	$ 36,000.00
31	2435-0250600	INTAKE, SW-506	EACH	$ 6,000.00	3	$ 18,000.00
32	2435-0250610	INTAKE, SW-506 MODIFIED	EACH	$ 7,000.00	2	$ 14,000.00
33	2435-0251224	INTAKE, SW-512, 24"	EACH	$ 2,500.00	5	$ 12,500.00
34	2435-0251300	INTAKE, SW-513	EACH	$ 5,000.00	2	$ 10,000.00
35	2435-0800020	MANHOLE ADJUSTMENT, MAJOR	EACH	$ 2,000.00	14	$ 28,000.00
36	2502-2308100	TRENCH DRAIN	LF	$ 800.00	12	$ 9,600.00
37	2502-8212036	SUBDRAIN, LONGITUDINAL, (SHLD) 6"	LF	$ 15.00	3485	$ 52,275.00
38	2502-8215912	SUBDRAIN, TILE, 12"	LF	$ 20.00	500	$ 10,000.00
39	2502-8220165	SUBDRAIN OUTLET (RF-19C)	EACH	$ 350.00	20	$ 7,000.00
40	2503-0114224	STORM SWR G-MAIN, TRENCHED, RCP 20000.24"	LF	$ 80.00	266	$ 21,280.00
41	2503-0114230	STORM SWR G-MAIN, TRENCHED, RCP 20000.30"	LF	$ 130.00	134	$ 17,420.00
42	2503-0114236	STORM SWR G-MAIN, TRENCHED, RCP 20000.36"	LF	$ 140.00	244	$ 34,160.00
43	2503-0114242	STORM SWR G-MAIN, TRENCHED, RCP 20000.42"	LF	$ 155.00	114	$ 17,670.00
44	2503-0114436	STORM SWR G-MAIN, TRENCHED, RCP 30000.36"	LF	$ 140.00	260	$ 36,400.00
45	2503-0114515	STORM SWR G-MAIN, TRENCHED, RCP 37500.15"	LF	$ 67.00	2120	$ 142,040.00
46	2503-0114518	STORM SWR G-MAIN, TRENCHED, RCP 37500.18"	LF	$ 70.00	815	$ 57,050.00
47	2503-0200036	RMV, STORM SWR PIPE LE 36"	LF	$ 30.00	625	$ 18,750.00
48	2507-3250000	ENGINEER FABRIC	SY	$ 3.50	231	$ 808.50
49	2507-6800021	REVETMENT, CLASS B	TON	$ 60.00	1000	$ 60,000.00
50	2507-6300042	REVETMENT, CLASS D	TON	$ 60.00	180	$ 10,800.00
51	2507-6800051	REVETMENT, CLASS E	TON	$ 60.00	100	$ 6,000.00
52	2510-8745850	RMVL OF PAVT	SY	$ 10.00	11700	$ 117,000.00
53	2510-8750600	RMVL OF INTAKE+UTILITY ACCESS	EACH	$ 650.00	6	$ 3,900.00
54	2511-0300000	REMOVAL OF RECREATIONAL TRAIL	SY	$ 10.00	111.6	$ 1,116.00
55	2511-0302600	RECREATIONAL TRAIL, PCC, 6"	SY	$ 42.00	3923.8	$ 164,791.20
56	2511-7528101	DETECTABLE WARNING - CURB RAMP	SF	$ 40.00	139.8	$ 5,592.00
57	2515-2475006	DRIVEWAY, PCC, 6"	SY	$ 46.00	950	$ 43,700.00
58	2515-6745800	RMVL OF PAVED DRIVES	SY	$ 10.00	1100	$ 11,000.00
59	2518-6210000	SAFETY CLOSURE	EACH	$ 300.00	7	$ 2,100.00
60	2519-1001000	FENCE, CHAIN LINK, VINYL COATED	LF	$ 25.00	211	$ 5,275.00
61	2519-3300600	FENCE, SAFETY	LF	$ 10.00	350	$ 3,500.00
62	2522-0000100	TRAFFIC SIGNALIZATION	LS	$ 10,000.00	1	$ 10,000.00
63	2526-6253000	CONSTRUCTION SURVEY	LS	$ 50,000.00	1	$ 50,000.00
64	2527-6263100	PAINTED PAV'T MARK, WATERBORNE/SOLVENT	STA	$ 25.00	97.63	$ 2,440.75
65	2527-6263137	PAINTED SYMBOLS	EACH	$ 200.00	24	$ 4,800.00
66	2527-6263180	PAVEMENT MARKINGS, REMOVED	STA	$ 250.00	3.66	$ 915.00
67	2527-6263190	SYMBOLS AND LEGENDS REMOVED	EACH	$ 1,000.00	1	$ 1,000.00
68	2528-8445110	TRAFFIC CONTROL	LS	$ 80,000.00	1	$ 80,000.00
69	2533-4900005	MOBILIZATION	LS	$ 500,000.00	1	$ 500,000.00
70	2554-0114008	WATER MAIN, TRENCHED, (PVC) 8 IN.	LF	$ 80.00	150	$ 12,000.00
71	2554-0210004	FIRE HYDRANT, ASSEMBL.Y, WM-201	EACH	$ 6,500.00	3	$ 19,500.00
72	2599-2999005	RF-2 - Type C-2 - CONNECTION	EACH	$ 5,000.00	3	$ 15,000.00
73	2599-9999005	INTAKE PROTECTION DEVICE, 12"	EACH	$ 150.00	47	$ 7,050.00
74	2599-9999005	INTAKE, SW -502, 60" MODIFIED	EACH	$ 10,000.00	1	$ 10,000.00
75	2599-9999005	RELOCATION OF EXISTING FIRE HYDRANT	EACH	$ 4,500.00	3	$ 13,500.00
76	2599-9999005	SUB-DRAIN CLEANOUT	EACH	$ 550.00	2	$ 1,100.00
77	2599-9999005	WEIR STONE, 3.0' x 3.0' x 1.5'	LS	$ 200.00	12	$ 2,400.00
78	2599-9999010	MAINTAIN POSTAL SERVICE	LS	$ 6,000.00	1	$ 6,000.00
79	2599-9999010	RESIDENTIAL WASTE DISPOSAL AND RECYCLE	LS	$ 10,000.00	1	$ 10,000.00
80	2599-9999010	SPRINKLER REMOVAL AND REPLACEMENT	LS	$ 6,000.00	1	$ 6,000.00
81	2599-9999010	WATER MAIN, REPLACEMENT, AS PER PLAN	LS	$ 10,000.00	1	$ 10,000.00
82	2599-9999020	GRANULAR SUBGRADE STABILIZATION	TON	$ 25.00	1200	$ 30,000.00
83	2601-2634150	MULCHING, WOOD CELLULOSE FIBER	ACRE	$ 1,800.00	24	$ 43,200.00
84	2601-2634043	SEED+FERTILIZE (RURAL)	ACRE	$ 1,000.00	10	$ 10,000.00
85	2601-2636044	SEED+FERTILIZE (URBAN)	ACRE	$ 2,000.00	6	$ 12,000.00
86	2601-2636045	SEEDING, SPECIAL AREAS	ACRE	$ 4,000.00	0.5	$ 2,000.00
87	2601-2639010	SODDING	SQ	$ 50.00	350	$ 17,500.00
88	2601-2642100	STABILIZE CROP - SEED+FERTILIZE	ACRE	$ 500.00	12	$ 6,000.00
89	2601-2642101	WATERING FOR SOD	MGAL	$ 65.00	210	$ 13,650.00
90	2601-2642102	MOBILIZATION FOR WATERING	EACH	$ 500.00	5	$ 2,500.00
91	2601-2643411	TURF REINFORCEMENT MAT, TYPE 1	SQ	$ 140.00	430	$ 60,200.00
92	2602-0000020	SILT FENCE	LF	$ 2.00	12000	$ 24,000.00
93	2602-0000030	SILT FENCE-DITCH CHECKS	LF	$ 2.00	1000	$ 2,000.00
94	2602-0000071	RMVL OF SILT FENCE, or Silt Fence for Ditch Checks	LF	$ 0.50	12000	$ 6,000.00
95	2602-0000101	MAINTAINANCE OF SILT FENCE	LF	$ 0.50	1000	$ 500.00
96	2602-0000912	PERIMETER AND SLOPE SED. PROTECT. DEVICE, 12	LF	$ 3.50	7700	$ 26,950.00
97	2602-0000930	REMOVAL OF PERIMETER AND SLOPE PRO. DEVICE	LF	$ 0.50	7700	$ 3,850.00
98	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	$ 600.00	10	$ 6,000.00
99	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	$ 1,200.00	5	$ 6,000.00
Subtotal Construction						$ 6,648,352.25

Howard R. Green Company
8625 Marin Hay Road, Suite 200
Johnston, Iowa
Phone: 515-278-2013
Fax: 515-278-1849

Location Map



Grand Avenue Reconstruction Phase 6
0510-018-2013

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To the best of our knowledge the information included in this document is correct. The City of West Des Moines makes no warranty as to the accuracy of the information.

Legend
Project Location

0 300 600 1,200
Feet