CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

4(q)1

DATE: **May 2, 2016**

ITEM:

Resolution - Ordering Construction
South 50th Street Widening
Mills Civic Parkway to E.P. True Parkway
IDOT No. STP-U-8260(641)-70-77

FINANCIAL IMPACT:

The engineering estimate of construction cost for the South 50th Street Widening is $4,850,052.05. Payments will be made from budgeted account number 4103.75.820.6.7920 with the ultimate funding intended to come from a Surface Transportation Program grant and general obligation bonds.

BACKGROUND:

A Bid Letting at the IDOT is scheduled for Tuesday, May 17, 2016. A Public Hearing on the project should be scheduled for 5:35 p.m. on Tuesday, May 31, 2016. The contract would be awarded on Tuesday, May 31, 2016 subject to IDOT concurrence, and work will begin shortly thereafter.

This project involves widening of S. 50th Street from two lanes to five from Mills Civic Parkway to E.P. True Parkway. Work will include grading, storm sewer installation, paving and other associated work. A second eastbound left turn lane will also be added on Mills Civic Parkway. The project is expected to be completed by November 15, 2016.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of the South 50th Street Widening
- Fixing 10:30 a.m. on Tuesday, May 17, 2016, 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	

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

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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 50th Street Widening
Project No. 0510-061-2015

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 31, 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 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, May 17, 2016.

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, May 17, 2016, and the results of said bids shall be considered at a meeting of this Council on Tuesday, May 31, 2016 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

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

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

OPINION OF PROBABLE PROJECT COST

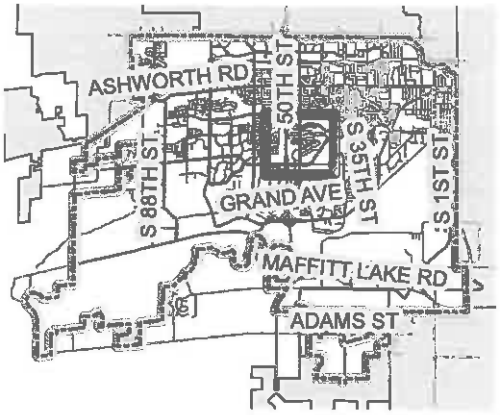
50th STREET IMPROVEMENTS PROJECT
FROM MILLS CIVIC PARKWAY TO E.P. TRUE PARKWAY
WEST DES MOINES, IOWA
PROJECT NO. 0510-061-2015
January 2015

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1	CONTRACTOR FURNISHED SELECT TREATMENT	CY	500.0	16.00	$ 8,000.00
2	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	17144	16.00	$ 274,304.00
3	EXCAVATION, CLASS 10, UNSUITABLE	CY	500	16.00	$ 8,000.00
4	LOCATING TILE LINES	STA	5.00	250.00	$ 1,250.00
5	TOPSOIL, FURNISH AND SPREAD	CY	3500	22.00	$ 77,000.00
6	COMPACTION WITH MOISTURE AND DENSITY CONTROL	CY	8000	8.00	$ 64,000.00
7	SHOULDER FINISHING, EARTH	STA	104.2	350.00	$ 36,470.00
8	REMOVAL OF FLUMES	LS	1	800.00	$ 800.00
9	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.	SY	18970	68.00	$ 1,289,960.00
10	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 6 IN.	SY	2514	60.00	$ 150,840.00
11	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LS	1	2,500.00	$ 2,500.00
12	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)	EACH	23,960	1.00	$ 23,960.00
13	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	TON	150	35.00	$ 5,250.00
14	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	EACH	18,200	1.00	$ 18,200.00
15	REMOVE AND REINSTALL CONCRETE PIPE APRONS LESS THAN OR EQUAL TO 36"	EACH	1	1,500.00	$ 1,500.00
16	MANHOLE, STORM SEWER, SW-401	EACH	1	5,000.00	$ 5,000.00
17	INTAKE, SW-501	EACH	6	3,000.00	$ 18,000.00
18	INTAKE, SW-501, MODIFIED	EACH	1	3,500.00	$ 3,500.00
19	INTAKE, SW-503	EACH	6	4,500.00	$ 27,000.00
20	INTAKE, SW-503, MODIFIED	EACH	1	5,500.00	$ 5,500.00
21	INTAKE, SW-505	EACH	13	4,000.00	$ 52,000.00
22	INTAKE, SW-506	EACH	8	6,500.00	$ 52,000.00
23	INTAKE, SW-506 MODIFIFED	EACH	3	7,500.00	$ 22,500.00
24	INTAKE SW-513, MODIFIED	EACH	1	9,000.00	$ 9,000.00
25	MANHOLE ADJUSTMENT, MINOR	EACH	7	900.00	$ 6,300.00
26	MANHOLE ADJUSTMENT, MAJOR	EACH	3	2,500.00	$ 7,500.00
27	CONNECTION TO EXISTING MANHOLE	EACH	1	1,200.00	$ 1,200.00
28	CONNECTION TO EXISTING INTAKE	EACH	1	1,200.00	$ 1,200.00
29	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.	LF	6809	16.00	$ 108,944.00
30	SUBDRAIN RISER	EACH	20	750.00	$ 15,000.00
31	SUBDRAIN OUTLET (DR-303)	EACH	38	500.00	$ 19,000.00
32	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	368	120.00	$ 44,160.00
33	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	261	160.00	$ 41,760.00
34	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP) 2000D (CLASS III), 36 IN.	LF	52	200.00	$ 10,400.00
35	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.	LF	1377	100.00	$ 137,700.00
36	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 18 IN.	LF	1684	115.00	$ 193,660.00
37	STORM SEWER GRAVITY MAIN, LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIA. 30 IN.	LF	190	150.00	$ 28,500.00
38	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	2951	45.00	$ 132,795.00
39	PAVEMENT SCARIFIACATION (of HMA RESURFACING PRIOR TO PAVEMEMNT REMOVAL)	SY	472	20.00	$ 9,440.00
40	REMOVAL OF PAVEMENT	SY	9422	10.00	$ 94,220.00
41	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH	32	900.00	$ 28,800.00
42	REMOVAL OF RECREATIONAL TRAIL	SY	2057.1	10.00	$ 20,571.00
43	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.	SY	1989.9	55.00	$ 109,444.50
44	SPECIAL COMPACTION OF SUBGRADE FOR RECREATION TRAIL	STA	17	1,200.00	$ 20,400.00
45	REMOVAL OF SIDEWALK	SY	861	10.00	$ 8,610.00
46	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	721.7	55.00	$ 39,693.50
47	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	113.7	60.00	$ 6,822.00
48	DETECTABLE WARNINGS	SF	662	45.00	$ 29,790.00
49	CURB AND GUTTER, P.C. CONCRETE 1.5'	LF	53	100.00	$ 5,300.00
50	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	534	60.00	$ 32,040.00
51	REMOVAL OF PAVED DRIVEWAY	SY	668	15.00	$ 10,020.00
52	SAFETY CLOSURE	EACH	57	200.00	$ 11,400.00
53	FENCE, SAFETY	LF	500	10.00	$ 5,000.00
54	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	2	500.00	$ 1,000.00
55	TRAFFIC SIGNALIZATION	LS	1.00	140,000.00	$ 140,000.00
56	CONSTRUCTION SURVEY	LS	1.00	85,000.00	$ 85,000.00
57	PAINTED PAVEMENT MARKING, HIGH-BUILD WATERBORNE	STA	145.95	125.00	$ 18,243.75

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
58	PAINTED SYMBOLS AND LEGENDS, HIGH -BUILD WATERBORNE	EACH	48	200.00	$ 9,600.00
59	PAVEMENT MARKINGS REMOVED	STA	15.23	60.00	$ 913.80
60	SYMBOLS AND LEGENDS REMOVED	EACH	11	125.00	$ 1,375.00
61	TRAFFIC CONTROL	LS	1.00	85,000.00	$ 85,000.00
62	CD JOINT ASSEMBLY	EACH	78	150.00	$ 11,700.00
63	PATCHES, FULL-DEPTH BY AREA	SY	1424.8	150.00	$ 213,720.00
64	PATCHES, FULL-DEPTH BY AREA(50FEET OR GREATER IN LENGTH)	SY	1050.8	110.00	$ 115,588.00
65	PATCHES, FULL-DEPTH BY COUNT	EACH	46	250.00	$ 11,500.00
66	MOBILIZATION	LS	1	450,000.00	$ 450,000.00
67	FIRE HYDRANT ASSEMBLY, WDM-201	EACH	4	5,600.00	$ 22,400.00
68	VALVE BOX REPLACEMENT	EACH	22	850.00	$ 18,700.00
69	INLET PROTECTION DEVICE	EACH	64	150.00	$ 9,600.00
70	MANHOLE, STORM SEWER, SW-401, MODIFIED	EACH	1	3,500.00	$ 3,500.00
71	REMOVE AND REINSTALL EXISTING FIRE HYDRANT ASSEMBLY	EACH	7	4,000.00	$ 28,000.00
72	REMOVE AND REINSTALL EXISTING STREET LIGHT	EACH	1	5,000.00	$ 5,000.00
73	VALVE, GATE, DIP, 16"	EACH	2	9,000.00	$ 18,000.00
74	WATER MAIN RELOCATION, UTILITY AVOIDANCE	EACH	2	12,500.00	$ 25,000.00
75	STORM SEWER GRAVITY MAIN, TRENCHED, DIP, 20"	LF	122	200.00	$ 24,400.00
76	ABANDON EXISTING WATER MAIN	EACH	1	6,000.00	$ 6,000.00
77	CLEARING AND GRUBBING	LS	1	30,000.00	$ 30,000.00
78	HMA SURFACE PATCH	LS	1	10,000.00	$ 10,000.00
79	MAINTAIN POSTAL SERVICE	LS	1	8,000.00	$ 8,000.00
80	SPRINKLER REMOVAL AND REPLACEMENT	LS	1	30,000.00	$ 30,000.00
81	COLD WEATHER PROTECTION, PCC PAVING	SY	4743.0	2.50	$ 11,857.50
82	MULCHING, WOOD CELLULOSE FIBER	ACRE	10.0	1,800.00	$ 18,000.00
83	SEEDING AND FERTILIZING (URBAN)	ACRE	5.0	1,500.00	$ 7,500.00
84	SODDING	SQ	400	50.00	$ 20,000.00
85	STABILIZING CROP - SEEDING AND FERTILIZING	ACRE	5.0	750.00	$ 3,750.00
86	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	MGAL	240	50.00	$ 12,000.00
87	MOBILIZATION FOR WATERING	EACH	5	400.00	$ 2,000.00
88	SILT FENCE	LF	500	2.00	$ 1,000.00
89	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	500	0.50	$ 250.00
90	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	500	0.50	$ 250.00
91	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	10000	3.50	$ 35,000.00
92	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	10000	0.75	$ 7,500.00
93	MOBILIZATIONS, EROSION CONTROL	EACH	15	500.00	$ 7,500.00
94	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	5	1,000.00	$ 5,000.00
Opinion of Probable Cost					**$ 4,850,052.05**

Notes:

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:	**S. 50TH STREET WIDENING MILLS CIVIC PARKWAY TO E.P. TRUE PARKWAY** Project No. 0510-061-2015	
LOCATION:	**EXHIBIT "A"**	
DRAWN BY: BJM	DATE: 6/23/2015	SHT. 1 OF 1