CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: August 24, 2015

ITEM:

Resolution - Ordering Construction
Maffitt Lake Road Pedestrian Underpass

FINANCIAL IMPACT:

The Engineering estimate of construction cost for the Maffitt Lake Road Pedestrian Underpass project is $833,956.00. Payments will be made from budgeted account no. 4259.77.820.6.7910 with the ultimate funding intended to come from the Alluvion TIF.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, September 2, 2015, and a Public Hearing on the project should be scheduled for 5:35 p.m. on Tuesday, September 8, 2015. The contract would be awarded on Tuesday, September 8, 2015, and work will begin shortly thereafter.

The completion date for the project is June 1, 2016.

OUT STANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of Maffitt Lake Road Pedestrian Underpass.
- Fixing 2:00 p.m. on Wednesday, September 2, 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, P.E., L.S., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	RTG

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Works		
Date Reviewed	August 17, 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:

Maffitt Lake Road Pedestrian Underpass
Project No. 0510-069-2015

is hereby ordered constructed according to the Plans and Specifications prepared by Engineering Services of 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 Tuesday, September 8, 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 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, September 2, 2015.

BE IT FURTHER RESOLVED, that the bids received for construction of said improvements will be opened, publicly read and tabulated by the City Clerk or City Clerk designee at 2:00 p.m. on Wednesday, September 2, 2015, and the results of said bids shall be considered at a meeting of this Council on Tuesday, September 8, 2015, at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED this **24th** day of **August, 2015.**

_____
John Mickelson, Mayor Pro Tem

ATTEST:

_____
Ryan T. Jacobson, City Clerk

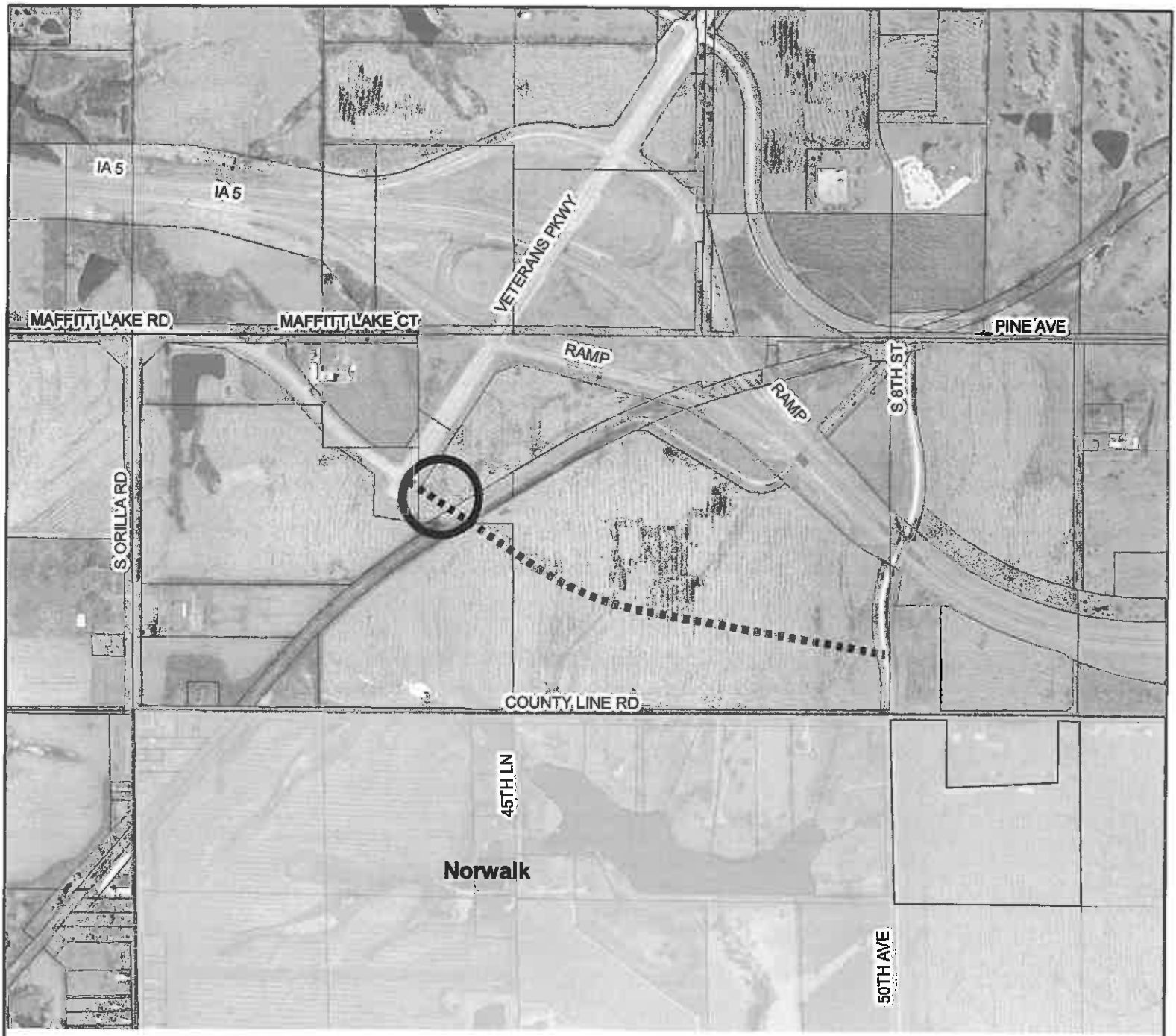
OPINION OF PROBABLE PROJECT COST

Great Western Trail Pedestrian Underpass

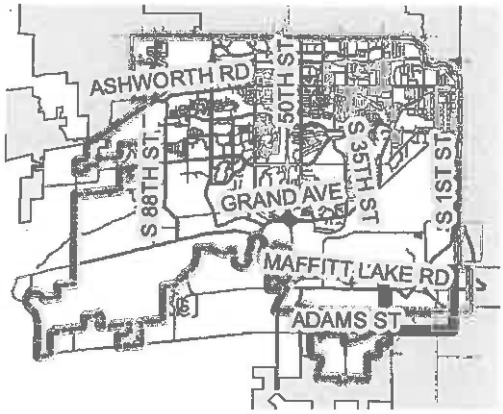
Great Western Trail Under Future Maffitt Lake Road

August 2015

ITEM NO.	ITEM CODE	ITEM	UNIT	UNIT PRICE	Quantities	Total Cost	Cost Attributed to the Underpass	Cost Attributed to Roadway
1	2010-A-1000	CLEARING AND GRUBBING	LS	$ 10,000.00	1	10,000	9,500	500
2	2010-B-1000	TOPSOIL, ON-SITE	CY	$ 7.00	7,990	55,930	36,355	19,576
3	2010-E-1000	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	$ 5.00	22,790	113,950	79,765	34,185
4	2511-0310100	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAI	STA	$ 500.00	11.1	5,550	5,550	
5	4020-A-1315	STORM SEWER GRAVITY MAIN,TRENCHED, RCP CLASS III,15"	LF	$ 65.00	58	3,770	3,770	
6	4020-A-1324	STORM SEWER GRAVITY MAIN,TRENCHED, RCP CLASS IV,24"	LF	$ 120.00	303	36,360	36,360	
7	4030-A-2000	PIPE CULVERT, 8IN., TRENCHLESS, TEMPORARY	LS	$ 15,000.00	1	15,000	15,000	
8	4030-B-1015	APRON, CONCRETE, 15IN.	EACH	$ 1,200.00	4	4,800	4,800	
9	4030-B-1024	APRON, CONCRETE, 24IN.	EACH	$ 1,300.00	2	2,600	2,600	
10	4040-A-1112	SUBDRAIN, TILE, 12IN.	LF	$ 25.00	500	12,500	8,125	4,375
11	4040-A-2004	SUBDRAIN, PERFORATED PLASTIC PIPE , 4IN., UNDERPASS	LS	$ 10,000.00	1	10,000	10,000	
12	4040-D-1000	SUBDRAIN OUTLET, 4 IN.	EACH	$ 700.00	2	1,400	1,400	
13	6010-A-1048	MANHOLE, STORM SEWER, 48 IN.	EACH	$ 6,000.00	2	12,000	12,000	
14	2403-0100020	STRUCTURAL CONCRETE (RCB CULVERT)	CY	$ 500.00	431	215,500	215,500	
15	2404-7775000	REINFORCING STEEL	LB	$ 1.10	82,860	91,146	91,146	
16	7030-C-1006	RECREATIONAL TRAIL, PCC, 6 IN.	SY	$ 45.00	1,231	55,395	55,395	
17	7040-H-1000	REMOVAL OF PAVEMENT	SY	$ 10.00	387	3,870	3,870	
18		TRAIL DETOUR	LS	$ 10,000.00	1	10,000		10,000
19	8010-C-1000	SAFETY CLOSURE	EACH	$ 200.00	5	1,000	400	600
20	2528-8445110	TRAFFIC CONTROL	LS	$ 2,000.00	1	2,000		2,000
21		LIGHTING	LS	$ 30,000.00	1	30,000	30,000	
22	9010-A-2000	SEEDING AND FERTILIZING, TYPE 5	ACRE	$ 1,200.00	19.0	22,800	14,820	7,980
23	9040-A-1000	SWPPP PREPERATION	LS	$ 5,000.00	1	5,000	1,000	4,000
24	9040-A-2000	SWPPP MANAGEMENT	LS	$ 20,000.00	1	20,000	4,000	16,000
25	9040-D-1000	FILTER SOCK, 9 IN.	LF	$ 3.00	7,500	22,500	22,500	
26	9040-D-2000	REMOVAL OF FILTER SOCK	LF	$ 0.50	750	375	375	
27	9040-J-1000	RIP RAP, CLASS E	TON	$ 40.00	107	4,280	4,280	
28	9040-N-1000	SILT FENCE	LF	$ 3.00	5,000	15,000	3,000	12,000
29	9040-N-2000	SILT FENCE, REMOVAL OF SEDIMENT	LF	$ 2.00	1,000	2,000	400	1,600
30	9040-N-3000	SILT FENCE, REMOVAL OF DEVICE	LF	$ 1.50	500	750	150	600
31	9040-Q-1000	MULCH, CONVENTIONAL	ACRE	$ 1,000.00	19	19,000	12,350	6,650
32	9060-A-6100	CHAIN LINK FENCE, 72 IN.	LF	$ 40.00	112	4,480	4,480	
33	1010-A-1000	REMOVALS, AS PER PLAN	LS	$ 5,000.00	1	5,000	5,000	
34	1110-A-1000	CONSTRUCTION SURVEY	LS	$ 20,000.00	1	20,000	15,000	5,000
Total Construction						**$ 833,956.00**	**$ 708,890.50**	**$ 125,065.50**



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 PEDESTRIAN UNDERPASS**
	Project No. 0510-069-2015
LOCATION:	**EXHIBIT "A"**
DRAWN BY: BJM	DATE: 8/19/2015 — SHT. 1 OF 1