CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: **May 15, 2017**

ITEM:

Resolution - Ordering Construction
SE Waco Place / 98th Street & University Avenue Traffic Signal

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the Waco Place / 98th Street & University Avenue Traffic Signal is $335,701.00. Payments will be made from budgeted account no. 500.000.000.5250.490 with 75% of the shared expenses (Division 1) incurred being reimbursed by the City of Waukee and 25% of the shared expenses (Division 1) incurred being reimbursed by the developer of the southeast quadrant of the 98th Street & University Avenue intersection within the City of West Des Moines corporate limits. All Division 2 expenses incurred for pavement rehabilitation solely within the City of Waukee corporate limits will be reimbursed by the City of Waukee.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, June 7, 2017, and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, June 12, 2017. The contract would be awarded on Monday, June 12, 2017, and work will begin shortly thereafter.

Work for this project includes installation of a new traffic signal and minor intersection improvements at the SE Waco Place / 98th Street & University Avenue intersection. This project is being coordinated jointly between the City of Waukee and the City of West Des Moines, with the City of West Des Moines being the lead agency per the 28E Agreement approved by City Council on May 16, 2016. The completion of this SE Waco Place / 98th Street & University Avenue traffic signal will fulfill the remaining obligations stated in the 28E Agreement.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of the SE Waco Place / 98th Street & University Avenue Traffic Signal.
- Fixing 2:00 p.m. on Wednesday, June 7, 2017, as the time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

Lead Staff Member: **Brian J. Hemesath, P.E., Interim City Engineer**

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., Interim 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 Services		
Date Reviewed	May 8, 2017		
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:

SE Waco Place / 98th Street & University Avenue Traffic Signal
Project No. 0510-033-2017

is hereby ordered to be constructed according to the Plans and Specifications prepared by Snyder & Associates, Inc., 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, June 12, 2017, 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 thirteen (13) 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, June 7, 2017.

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, June 7, 2017, and the results of said bids shall be considered at a meeting of this Council on Monday, June 12, 2017, at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED on this **15th** day of **May, 2017.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

OPINION OF PROBABLE PROJECT COSTS

SNYDER & ASSOCIATES

SE UNIVERSITY AVE. AND 98TH STREET/WACO PLACE TRAFFIC SIGNAL
FINAL ENGINEER'S ESTIMATE - May 8, 2017
WEST DES MOINES/WAUKEE, IOWA
WDM PROJECT #0510-033-2017

ITEM #	DESCRIPTION	DIV. 1 QTY	DIV. 2 QTY	TOTAL QTY	UNIT	UNIT PRICE	DIV. 1 EXTENDED PRICE	DIV. 2 EXTENDED PRICE	TOTAL EXTENDED PRICE
1	SPECIAL BACKFILL		70	70	CY	$ 80.00	$ -	$ 5,600.00	$ 5,600.00
2	PCC PAVEMENT, 8 IN. NON-REINFORCED		273	273	SY	$ 110.00	$ -	$ 30,030.00	$ 30,030.00
3	REMOVAL OF SIDEWALK	32		32	SY	$ 25.00	$ 800.00	$ -	$ 800.00
4	SIDEWALK, PCC, 5"	14		14	SY	$ 100.00	$ 1,400.00	$ -	$ 1,400.00
5	SIDEWALK, PCC, 6"	50		50	SY	$ 85.00	$ 4,250.00	$ -	$ 4,250.00
6	DETECTABLE WARNING	62		62	SF	$ 50.00	$ 3,100.00	$ -	$ 3,100.00
7	PAVEMENT REMOVAL		273	273	SY	$ 25.00	$ -	$ 6,825.00	$ 6,825.00
8	TRAFFIC SIGNALIZATION	1		1	LS	$ 250,000.00	$ 250,000.00	$ -	$ 250,000.00
9	PAINTED PAVEMENT MARKINGS, DURABLE	17.96	1.02	18.98	STA	$ 200.00	$ 3,592.00	$ 204.00	$ 3,796.00
10	PAINTED SYMBOLS AND LEGENDS, DURABLE	2		2	EACH	$ 500.00	$ 1,000.00	$ -	$ 1,000.00
11	REMOVAL OF PAVEMENT MARKINGS	9		9	STA	$ 100.00	$ 900.00	$ -	$ 900.00
12	TRAFFIC CONTROL	1		1	LS	$ 10,000.00	$ 10,000.00	$ -	$ 10,000.00
13	SOD	10		10	SQ	$ 750.00	$ 7,500.00	$ -	$ 7,500.00
14	FILTER SOCK	100		100	LF	$ 5.00	$ 500.00	$ -	$ 500.00
15	CONSTRUCTION SURVEY	1		1	LS	$ 5,000.00	$ 5,000.00	$ -	$ 5,000.00
16	CONCRETE WASHOUT	1		1	LS	$ 5,000.00	$ 5,000.00	$ -	$ 5,000.00
						TOTAL:	**$293,042.00**	**$ 42,659.00**	**$ 335,701.00**

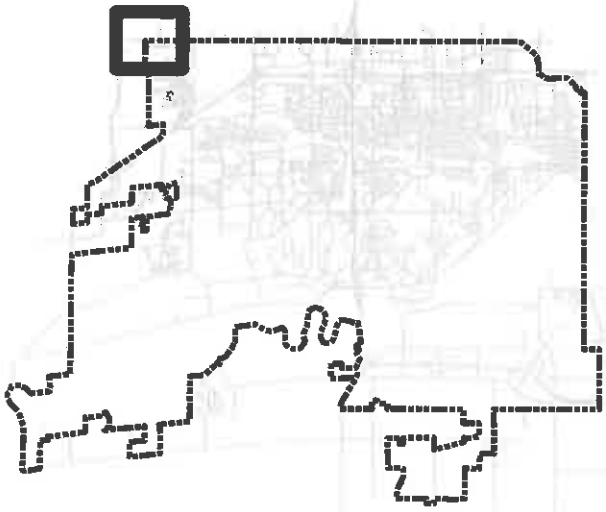
Division 1: Shared Waukee/West Des Moines Project Costs
Division 2: 100% Waukee Costs

LICENSED PROFESSIONAL ENGINEER
GABRIEL A. NELSON
17382
IOWA

I hereby certify that this engineering 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.

Gabriel A. Nelson, P.E. — 5/08/17 Date
My License Number : 17382
My License Renewal Date is December 31, 2018

VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:	**98th & University Traffic Signal**
LOCATION:	**98th Street & University Avenue**

DRAWN BY: JDR	DATE: 2/21/2017	PROJECT: 0510-033-2017	SHT. 1 of 1