CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 9, 2015

ITEM:

- Public Hearing (5:35 p.m.)
  2015 HMA Resurfacing Program

FINANCIAL IMPACT:

The Engineering Estimate of construction cost was estimated to be $968,316.75 for the 2015 HMA Resurfacing Program. There were two (2) bids submitted with the low bid of $957,141.47 being submitted by Des Moines Asphalt and Paving Co. of Ankeny, Iowa. Payments will be made from budgeted account no. 4286.75.820.6.7910.

BACKGROUND:

This project will resurface various locations in the City of West Des Moines. Types of work including approximately 630 tons of 1 million ESAL ½" Hot Mix Asphalt (HMA) surface course, 153 tons of 1 million ESAL ½" HMA leveling course, 2,323 tons of 3 million ESAL ½" Hot Mix Asphalt (HMA) surface course, 2,325 tons of 3 million ESAL ½" Hot Mix Asphalt (HMA) intermediate course, 350 tons of 3 million ESAL ½" Hot Mix Asphalt (HMA) leveling course, 4,046 square yards of grinding butt joints, 7,561 square yards of surface milling, surface cleaning/tack coat, 1,042 square yards of PCC full depth patching, HMA full depth patching, HMA partial depth patching, , fixture adjustments, pavement markings, traffic control, and miscellaneous items. This project is scheduled to be completed by October 1, 2015.

RECOMMENDATION:

City Council Adopt:

- Resolution Adopting Plans, Specifications, Form of Contract, and Estimate of Costs;
- Motion receiving and filing Report of Bids;
- Resolution Awarding the Construction Contract to Des Moines Asphalt and Paving Co.

Lead Staff Member: Jeff Nash, P.E. JLN

STAFF REVIEWS

Department Director	Bret Hodne, Public Works Director
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	March 2, 2015		
Recommendation	**Yes**	No	Split

RESOLUTION

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, APPROVING Adopting Plans, Specifications, Form of Contract, and Estimate of Cost

WHEREAS, on February 23, 2015, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

2015 HMA Resurfacing Program
Project No. 0510-007-2015

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements was published as required by law;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvement are hereby approved.

PASSED AND ADOPTED this **9th** day of **March, 2015.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

RESOLUTION

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, APPROVING Awarding Contract

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

2015 HMA Resurfacing Program
Project No. 0510-007-2015

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council.

and,

WHEREAS, the bid of Des Moines Asphalt and Paving Co. in the amount of $957,141.47 is the lowest responsive, responsible bid received for said public improvement,

therefore;

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the 2015 HMA Resurfacing Program is hereby awarded to Des Moines Asphalt and Paving Co. in the amount of $957,141.47 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Manager or Deputy City Manager after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED this **9th** day of **March, 2015.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

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BID TABULATION
2015 HMA RESURFACING PROGRAM
Project No. 0510-007-2015

West Des Moines

Description	Unit	Estimated Quantity	Engineer's Estimate Unit Price	Engineer's Estimate Extended Price	Bidder No. 1: Des Moines Asphalt & Paving, 2401 SE Tones Dr., Suite 13, Ankeny, IA 50021 Unit Price	Bidder No. 1 Extended Price	Bidder No. 2: Grimes Asphalt & Paving Corp., P.O. Box 3374, 5550 NE 22nd Street, Des Moines, IA 50316 Unit Price	Bidder No. 2 Extended Price
Fixture Adjustments								
100 Sewer Manholes (Re-use Casting & Adjust W/ Concrete Rings)	EA.	4	$750.00	$3,000.00	$1,625.00	$6,500.00	$550.00	$2,200.00
110 Sewer Manholes (Replace Casting & Adjust W/ Concrete Rings)	EA.	4	$1,500.00	$6,000.00	$2,230.00	$8,920.00	$2,450.00	$9,800.00
120 Utility Manholes (Adjust W/ Concrete Rings)	EA.	2	$750.00	$1,500.00	$510.00	$1,020.00	$250.00	$500.00
130 PCC 5 'x 5' Manhole Boxouts	EA.	11	$1,500.00	$16,500.00	$1,600.00	$17,600.00	$1,400.00	$15,400.00
140 Water Valve Box Adjustment	EA.	7	$150.00	$1,050.00	$55.00	$385.00	$250.00	$1,750.00
150 Retro to Slide Type Water Valve Top Replacement	EA.	1	$1,500.00	$1,500.00	$1,500.00	$1,500.00	$1,500.00	$1,500.00
160 Intake Castings, M-A & M-C (1 1/2" Risers)	EA.	1	$400.00	$400.00	$325.00	$325.00	$600.00	$600.00
170 Intake Castings, M-D & M-E (1 1/2" Risers)	EA.	15	$650.00	$9,750.00	$650.00	$9,750.00	$700.00	$10,500.00
180 Gas Valve Box Adjustment	EA.	1	$200.00	$200.00	$90.00	$90.00	$180.00	$180.00
Excavation, Backfill, Grading and Shoulders								
200 Not Used								
Street Patching and Pavement Repair								
300 PCC Full Depth Patches (M-4)	SY	942	$125.00	$117,750.00	$135.00	$127,170.00	$143.00	$134,706.00
310 PCC Full Depth Patches (IA DOT 5 Hr. PCC Mix)	SY	100	$185.00	$18,500.00	$185.00	$18,500.00	$161.00	$16,100.00
320 HMA Full Depth Patches	SY	50	$75.00	$3,750.00	$90.00	$4,500.00	$150.00	$7,500.00
330 HMA Partial Depth Patches	SY	196	$60.00	$11,760.00	$50.00	$9,800.00	$56.00	$10,976.00
340 4" Sidewalk Replacement and Removal	SY	57	$60.00	$3,420.00	$76.00	$4,332.00	$163.00	$9,291.00
350 6" Sidewalk Replacement and Removal	SY	25	$70.00	$1,750.00	$81.00	$2,025.00	$192.00	$4,800.00
360 2' x 4' Truncated Dome Panels	EA.	4	$300.00	$1,200.00	$310.00	$1,240.00	$450.00	$1,800.00
370 Replace Top Beams and Castings Only (M-D & M-E)	EA.	1	$4,000.00	$4,000.00	$2,800.00	$2,800.00	$3,700.00	$3,700.00
380 Replace Top Beams and Castings Only (M-A & M-C)	EA.	1	$3,000.00	$3,000.00	$1,800.00	$1,800.00	$2,800.00	$2,800.00
Surface Preparation For HMA Resurfacing								
400 Surface Cleaning/Tack Coat	SY	31,926	$0.75	$23,944.50	$0.50	$15,963.00	$0.50	$15,963.00
410 Tack Coat	SY	26,653	$0.20	$5,330.60	$0.25	$6,663.25	$0.10	$2,665.30
420 Surface Milling	SY	7,561	$4.25	$32,134.25	$4.80	$36,292.80	$5.25	$39,695.25
430 Grinding-Butt Joints	SY	4,046	$10.00	$40,460.00	$10.35	$41,876.10	$10.00	$40,460.00
Hot Mix Asphalt (HMA)								
500 1/2" HMA Surface Course (1 million ESAL) (65% Crushed)	TON	630	$97.00	$61,110.00	$97.00	$61,110.00	$98.00	$61,740.00
510 1/2" HMA Leveling Course (1 million ESAL) (65% Crushed)	TON	153	$97.00	$14,841.00	$97.00	$14,841.00	$98.00	$14,994.00
520 1/2" HMA Surface Course (3 million ESAL) (75% Crushed)	TON	2,323	$97.00	$225,331.00	$97.00	$225,331.00	$98.00	$227,654.00
530 1/2" HMA Intermediate Course (3 million ESAL) (75% Crushed)	TON	2,325	$97.00	$225,525.00	$97.00	$225,525.00	$98.00	$227,850.00
540 1/2" HMA Leveling Course (3 million ESAL) (75% Crushed)	TON	350	$97.00	$33,950.00	$97.00	$33,950.00	$98.00	$34,300.00
Traffic Control								
600 Traffic Control	LS	1	$75,000.00	$75,000.00	$55,000.00	$55,000.00	$50,000.00	$50,000.00
Painted Pavement Markings								
700 Broken White Line 4" (Equivalent)	Sta.	16.76	$70.00	$1,173.20	$43.00	$720.68	$44.00	$737.44
710 Double Yellow Lines 4"-8"-4" (Equivalent)	Sta.	88.34	$70.00	$6,183.80	$43.00	$3,798.62	$44.00	$3,886.96
720 Solid White Line 4" (Equivalent)	Sta.	8.62	$70.00	$603.40	$43.00	$370.66	$44.00	$379.28
730 Left Turn Arrow	EA.	11	$110.00	$1,210.00	$125.00	$1,375.00	$126.50	$1,391.50
740 Right Turn Arrow	EA.	4	$110.00	$440.00	$125.00	$500.00	$126.50	$506.00
750 White Stop Bar	EA.	1	$250.00	$250.00	$370.00	$370.00	$385.00	$385.00
760 White Pedestrian Crossing	EA.	2	$400.00	$800.00	$473.68	$947.36	$495.00	$990.00
Traffic Signal Items								
800 Traffic Detection Loops	EA.	15	$1,000.00	$15,000.00	$950.00	$14,250.00	$950.00	$14,250.00
Total Project Cost				**$968,316.75**		**$957,141.47**		**$971,950.73**

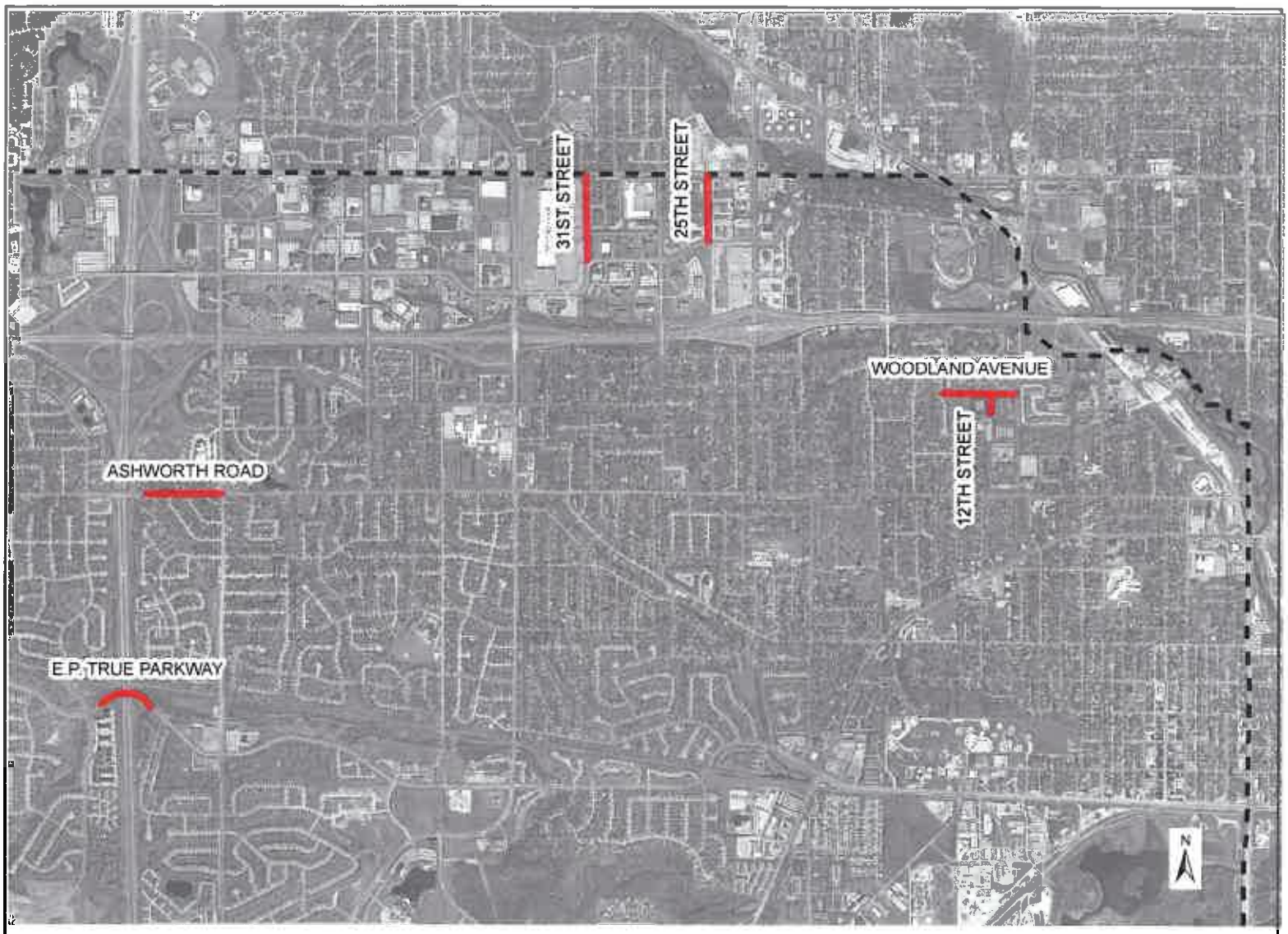
LICENSED PROFESSIONAL ENGINEER
Jeffrey L. Nash
11453
IOWA

I hereby certify that this is a true tabulation of bids received on March 4, 2015 by the City of West Des Moines, Iowa 50265, and that I am a duly licensed professional engineer under the laws of the state of Iowa.

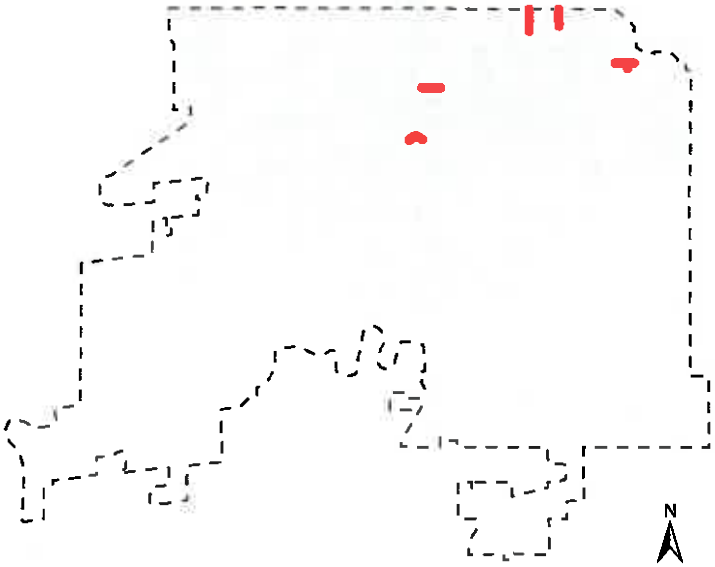
Jeffrey L. Nash 3-4-15

Jeffrey L. Nash, P.E.
Iowa Reg. No. 11453
Registration Expires December 31, 2016
Pages covered by this Seal: All Sheets

Date



VICINITY MAP



LEGEND

PROJECT LOCATIONS

THE CITY OF WEST DES MOINES

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
560 S. 16TH STREET (515)222-3475
WEST DES MOINES, IOWA 50265
FAX NO. (515)222-3478

PROJECT:	**2015 HMA RESURFACING PROGRAM 0510-007-2015**
LOCATION:	**VARIOUS**

DRAWN BY: REF	DATE: 2/12/2015	SHT. 1 OF 1