CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 9, 2015

ITEM:

Resolution - Ordering Construction
2015 PCC Patching Program Phase 1

FINANCIAL IMPACT:

The engineering estimate of construction cost for the 2015 PCC Patching Program Phase I is $1,167,720.00. Payments will be made from budgeted account number 4285.75.820.6.7910.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, March 18, 2015, and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, March 23, 2015. The contract would be awarded on Monday, March 23, 2015, and work will begin shortly thereafter.

Portland Cement Concrete (PCC) Patching at various locations including approximately 4,317 SY of reinforced 9" PCC full depth patching, 1,267 SY of reinforced 9" PCC full depth patching (IA DOT 5 Hr. PCC Mix), 1,557 SY of reinforced 10" PCC full depth patching (IA DOT 5 Hr. PCC Mix), 2,440 SF of PCC partial depth patching, PCC curb and gutter replacement, PCC median replacement, intake reconstruction, manhole adjustments, drives, sidewalks, traffic control, traffic loop, and other miscellaneous work. This project is scheduled to be completed by October 15, 2015.

RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of the 2015 PCC Patching Program Phase 1.
- Fixing 2:00 p.m. on Wednesday, March 18, 2015, as time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

Lead Staff Member: Jeffrey L. Nash, P.E. JLN

STAFF REVIEWS

Department Director	Bret Hodne, Public Works Director
Appropriations/Finance	Tim Stiles, Finance Director
Legal	
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Works		
Date Reviewed	March 2, 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:

2015 PCC Patching Program Phase 1
Project No. 0510-008-2015

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 Monday, March 23, 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 2:00 p.m. on Wednesday, March 18, 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 Deputy City Clerk at 2:00 p.m. on Wednesday, March 18, 2015, and the results of said bids shall be considered at a meeting of this Council on Monday, March 23, 2015, at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED this 9th day of March, 2015

Steven K. Gaer, Mayor

ATTEST:

Ryan T. Jacobson
City Clerk

West Des Moines

ENGINEER'S ESTIMATE
2015 PCC PATCHING PROGRAM - PHASE 1
WEST DES MOINES, IOWA

PROJECT NO. 0510-008-2015

Description	Unit	Estimated Quantity	Unit Price	Extended Price
Removals				
110 Existing Intake Removal	EA	7	$ 1,000.00	$ 7,000.00
Fixture Adjustments				
210 Sanitary Manhole Adjustment, Minor (Reuse Casting)	EA	1	$ 1,000.00	$ 1,000.00
220 Sanitary Manhole Adjustment, Minor (New Casting)	EA	1	$ 1,500.00	$ 1,500.00
230 Storm Manhole Adjustment, Minor	EA	1	$ 800.00	$ 800.00
240 Utility Manhole Adjustment, Minor	EA	1	$ 1,000.00	$ 1,000.00
250 Adjust Valve Box to Grade, Minor	EA	2	$ 300.00	$ 600.00
Sewers and Drains				
310 Not Used				
Structures For Sanitary and Storm				
410 Intake, Type M-A (Single Grate)	EA	4	$ 3,500.00	$ 14,000.00
420 Intake, Type M-C (Single Grate W/ MH)	EA	1	$ 4,000.00	$ 4,000.00
430 Intake, Type M-D (Double Grate)	EA	1	$ 4,500.00	$ 4,500.00
440 Intake, Type M-E (Double Grate W/ MH)	EA	1	$ 5,000.00	$ 5,000.00
450 Intake, Type M-A & M-C Wall Top Only	EA	1	$ 3,000.00	$ 3,000.00
460 Intake, Type M-D & M-E Wall Top Only	EA	6	$ 3,500.00	$ 21,000.00
Excavation And Backfill				
510 Not Used				
Street Patching and Pavement Repair				
610 9" PCC Full Depth Patches	SY	4,317	$ 95.00	$ 410,115.00
620 9" PCC Full Depth Patches (IA DOT 5 Hr. PCC Mix)	SY	1,267	$ 135.00	$ 171,045.00
630 10" PCC Full Depth Patches (IA DOT 5 Hr. PCC Mix)	SY	1,557	$ 145.00	$ 225,765.00
640 9" PCC Median Replacement	SY	10	$ 125.00	$ 1,250.00
650 PCC Curb and Gutter Replacement	LF	100	$ 50.00	$ 5,000.00
660 PCC Partial Depth Patching (Type BA)	SF	2,440	$ 40.00	$ 97,600.00
670 PCC Partial Depth Patching (Type BE)	SF	490	$ 60.00	$ 29,400.00
Sidewalks and Driveways				
710 6" Sidewalk Replacement, Unspecified Locations	SY	25	$ 60.00	$ 1,500.00
720 4" Sidewalk Replacement, Unspecified Locations	SY	25	$ 55.00	$ 1,375.00
730 6" Driveway Replacement, Unspecified Locations	SY	250	$ 65.00	$ 16,250.00
740 Pre-manufactured Detectable Warning Panels (2' x 4')	EA	4	$ 300.00	$ 1,200.00
Traffic Control				
810 Traffic Control	LS	1	$ 100,000.00	$ 100,000.00
Painted Pavement Markings				
910 Broken White Line 4" (Equivalent)	LF	651	$ 10.00	$ 6,510.00
920 Broken Yellow Line 4" (Equivalent)	LF	38	$ 10.00	$ 380.00
930 Solid White Line 4" (Equivalent)	LF	609	$ 10.00	$ 6,090.00
940 Solid White Line 4" (Equivalent)	LF	150	$ 10.00	$ 1,500.00
950 Double Yellow Lines 4"-8"-4" (Equivalent)	LF	1,244	$ 10.00	$ 12,440.00
960 Left Turn Arrow	EA	1	$ 300.00	$ 300.00
970 Cross Walk (2' x 6' Blocks)	EA	1	$ 300.00	$ 300.00
980 Stop Bar	EA	1	$ 300.00	$ 300.00
1.10 Traffic Signal Items				
1010 Traffic Detection Loops	EA	16	$ 1,000.00	$ 16,000.00
	Total Project Cost:			**$ 1,167,720.00**

LICENSED PROFESSIONAL ENGINEER
Jeffrey L. Nash
11453
IOWA

I HEREBY CERTIFY THAT THIS ENGINEER'S ESTIMATE OF CONSTRUCTION COSTS WERE 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.

Jeffrey L. Nash

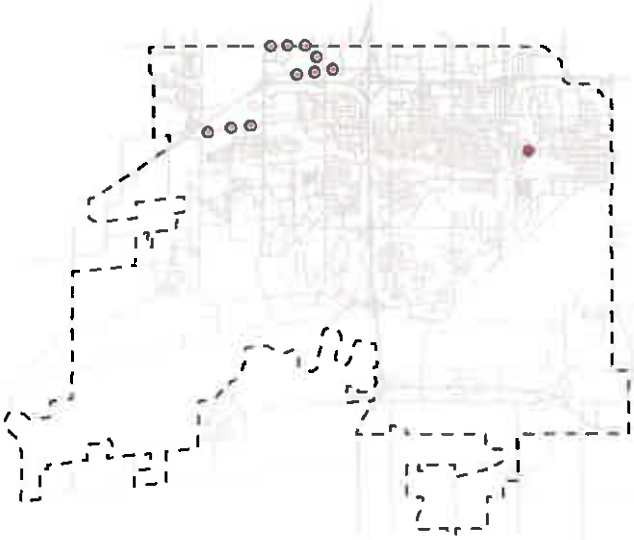
Jeffrey L. Nash, P.E.
Registration Expires December 31, 2016

3-4-15
Date

VICINITY MAP

LEGEND

PROJECT LOCATION



LEGEND

PROJECT LOCATION

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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 PCC PATCHING PROGRAM PHASE I 0510-008-2015**
LOCATION:	**UNIVERSITY AVENUE, WESTOWN PARKWAY, 60th STREET, ASHWORTH ROAD and GRAND AVENUE**

DRAWN BY: JKP	DATE: 03/2015	SHT. 1 OF 1