# CITY OF WEST DES MOINES
# CITY COUNCIL MEETING COMMUNICATION

**DATE: February 19, 2024**

**ITEM:**

Resolution – Ordering Construction
2024 PCC Patching Program

**FINANCIAL IMPACT:**

The Engineering Estimate of Construction Cost for the 2024 PCC Patching Program is $1,603,352.00. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds and Road Use Tax. Funds for the project are available in the FY 24-25 budget, but due to timing of the construction season, this project will begin on an accelerated schedule.

**BACKGROUND:**

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, March 6, 2024 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, March 18, 2024. The contract would be awarded on Monday, March 18, 2024 and work will begin shortly thereafter.

The 2024 PCC Patching Program includes Portland Cement Concrete (PCC) street repairs at various locations throughout the City of West Des Moines. The project is anticipated to be completed by November 15, 2024.

**OUTSTANDING ISSUES:**

None.

**RECOMMENDATION:**

City Council Adopt:

- Resolution Ordering Construction of the 2024 PCC Patching Program.
- Fixing 2:00 p.m. on Wednesday, March 6, 2024 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., City Engineer**

**STAFF REVIEWS**

| | |
|---|---|
| Department Director | Brian J. Hemesath, P.E., City Engineer |
| Appropriations/Finance | Tim Stiles, Finance Director |
| Legal | Greta Truman, City Attorney |
| Agenda Acceptance | |

**PUBLICATION(S)** (if applicable)

| | |
|---|---|
| Published In | |
| Dates(s) Published | |

**SUBCOMMITTEE INFORMED**

| | |
|---|---|
| Committee | Public Services |
| Date Informed | February 12, 2024 |
| No Deliberation or Action Taken | |

**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:

**2024 PCC Patching Program**
**Project No. 0510-002-2024**

is hereby ordered to be constructed according to the Plans and Specifications prepared by I+S Group, Inc. of Des Moines, Iowa 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, March 18, 2024, 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, March 6, 2024.

**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, March 6, 2024 and the results of said bids shall be considered at a meeting of this Council on Monday, March 18, 2024 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

**PASSED AND APPROVED** on this **19th** day of **February, 2024.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

## *ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST*

**2024 PCC PATCHING PROGRAM**

**CITY OF WEST DES MOINES**

ISG PROJECT NO. 24-29837

WDM PROJECT NO. 0510-002-2024

ISG

**February 7, 2024**

| Item No. | Item | Unit | Estimated Quantity | Unit Price | Total Amount |
|---|---|---|---|---|---|
| **DIVISION 2 - EARTHWORK** | | | | | |
| 1 | TOPSOIL, OFF-SITE | CY | 15 | $105.00 | $1,575.00 |
| 2 | EXCAVATION, CLASS 10 | CY | 15 | $100.00 | $1,500.00 |
| 3 | SUBGRADE PREPARATION | SY | 449 | $8.00 | $3,592.00 |
| **DIVISION 5 - WATERMAINS AND APPURTENANCES** | | | | | |
| 4 | INSTALL GATE VALVE RISER | EA | 1 | $2,400.00 | $2,400.00 |
| **DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS** | | | | | |
| 5 | MANHOLE ADJUSTMENT, MINOR | EA | 2 | $2,600.00 | $5,200.00 |
| 6 | INTAKE ADJUSTMENT, MINOR, SINGLE GRATE INTAKE | EA | 1 | $2,400.00 | $2,400.00 |
| 7 | INTAKE ADJUSTMENT, MINOR, DOUBLE GRATE INTAKE | EA | 7 | $3,000.00 | $21,000.00 |
| 8 | INTAKE ADJUSTMENT, MINOR, OPEN THROAT, BOXOUT ONLY | EA | 1 | $2,400.00 | $2,400.00 |
| 9 | INTAKE ADJUSTMENT, MAJOR, SW-501 FULL | EA | 2 | $5,400.00 | $10,800.00 |
| 10 | INTAKE ADJUSTMENT, MAJOR, SW-503 FULL | EA | 2 | $6,600.00 | $13,200.00 |
| 11 | INTAKE ADJUSTMENT, MAJOR, SW-505 FULL | EA | 1 | $6,600.00 | $6,600.00 |
| 12 | INTAKE ADJUSTMENT, MAJOR, SW-506 FULL | EA | 1 | $8,500.00 | $8,500.00 |
| 13 | INTAKE BASE | EA | 1 | $1,800.00 | $1,800.00 |
| **DIVISION 7 - STREETS AND RELATED WORK** | | | | | |
| 14 | PAVEMENT, PCC, 8 IN., C-SUD MIX | SY | 460 | $98.00 | $45,080.00 |
| 15 | CURB AND GUTTER REPLACEMENT, 8 IN. | LF | 198.5 | $95.00 | $18,857.50 |
| 16 | SIDEWALK, PCC, 4 IN. | SY | 70 | $90.00 | $6,300.00 |
| 17 | SIDEWALK, PCC, 6 IN. | SY | 57 | $100.00 | $5,700.00 |
| 18 | DETECTABLE WARNING | SF | 80 | $80.00 | $6,400.00 |
| 19 | FULL DEPTH PATCHES, PCC, M-4 MIX, 7 IN. MINIMUM | SY | 1251.1 | $120.00 | $150,132.00 |
| 20 | FULL DEPTH PATCHES, PCC, C-SUD MIX, 7 IN. MINIMUM | SY | 510.9 | $120.00 | $61,308.00 |
| 21 | FULL DEPTH PATCHES, PCC, M-4 MIX, 8 IN. MINIMUM | SY | 3682.5 | $145.00 | $533,962.50 |
| 22 | FULL DEPTH PATCHES, PCC, M-4 MIX, 9 IN. MINIMUM | SY | 1844.7 | $155.00 | $285,928.50 |
| 23 | FULL DEPTH PATCHES, PCC, M-4 MIX, 10 IN. MINIMUM | SY | 831.9 | $185.00 | $153,901.50 |
| 24 | FULL DEPTH PATCHES, PCC, 5-HOUR MIX, 8 IN. MINIMUM | SY | 111.5 | $220.00 | $24,530.00 |
| 25 | FULL DEPTH PATCHES, PCC, 5-HOUR MIX, 9 IN. MINIMUM | SY | 137.6 | $230.00 | $31,648.00 |
| 26 | PAVEMENT REMOVAL | SY | 449 | $25.00 | $11,225.00 |
| **DIVISION 8 - TRAFFIC CONTROL** | | | | | |
| 27 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | 4.54 | $800.00 | $3,632.00 |
| 28 | PAINTED PAVEMENT MARKINGS, DURABLE | STA | 21.34 | $2,000.00 | $42,680.00 |
| 29 | PAINTED SYMBOLS AND LEGENDS, DURABLE | EA | 22 | $1,000.00 | $22,000.00 |
| 30 | TEMPORARY TRAFFIC CONTROL | LS | 1 | $65,000.00 | $65,000.00 |
| 31 | PORTABLE DYNAMIC MESSAGE SIGN (PDMS) | DAY | 192 | $225.00 | $43,200.00 |
| **DIVISION 11 - MISCELLANEOUS** | | | | | |
| 32 | CONSTRUCTION SURVEY | LS | 1 | $8,500.00 | $8,500.00 |
| 33 | GRADING, SHAPING, AND SEEDING FOR SIDEWALKS | EA | 2 | $1,200.00 | $2,400.00 |

**ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST:** **$1,603,352.00**

LICENSED PROFESSIONAL ENGINEER
JOSEPH A. WHITEHOUSE
P27483
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.

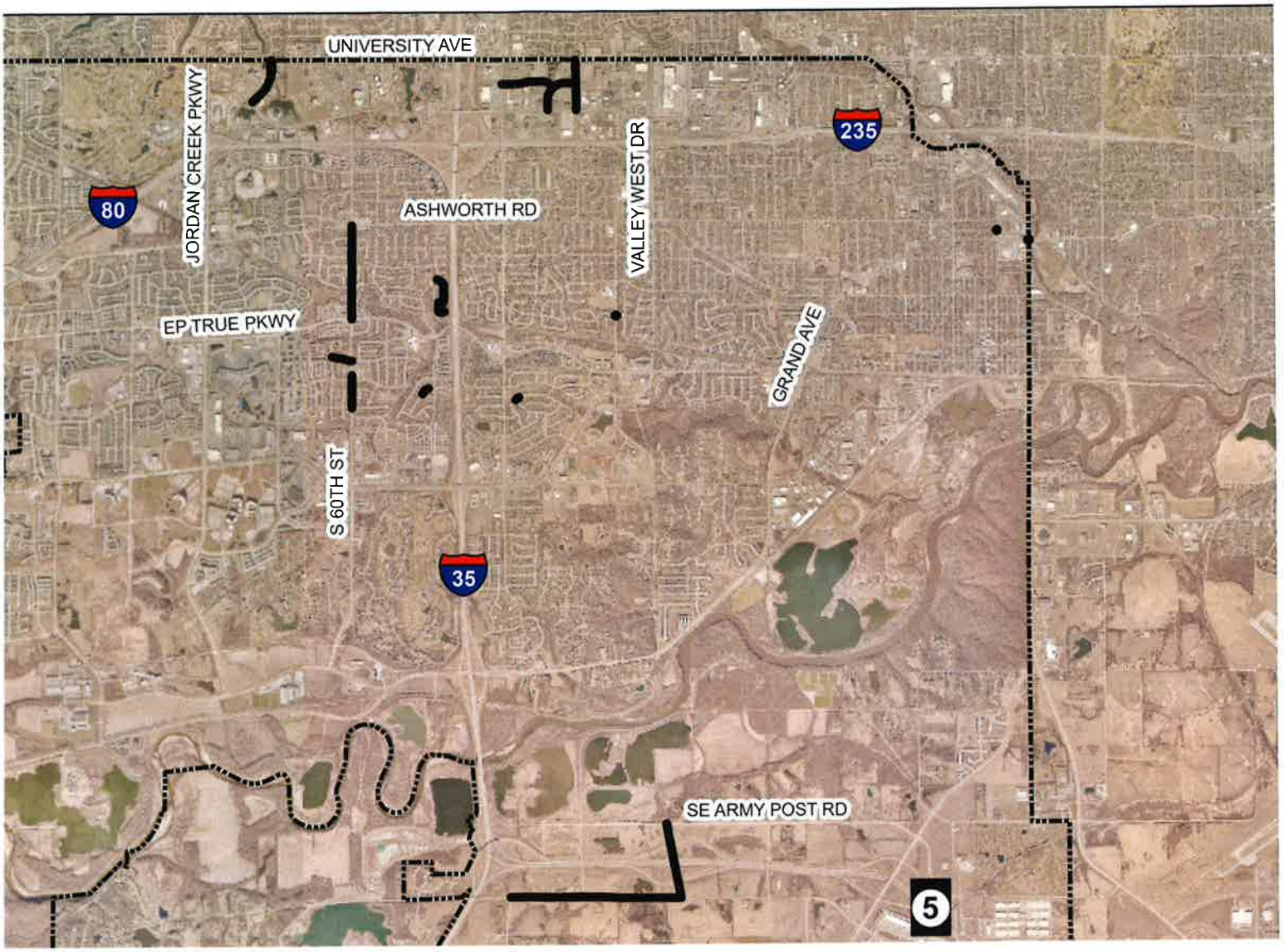
Joseph A. Whitehouse

2/12/2024
Date

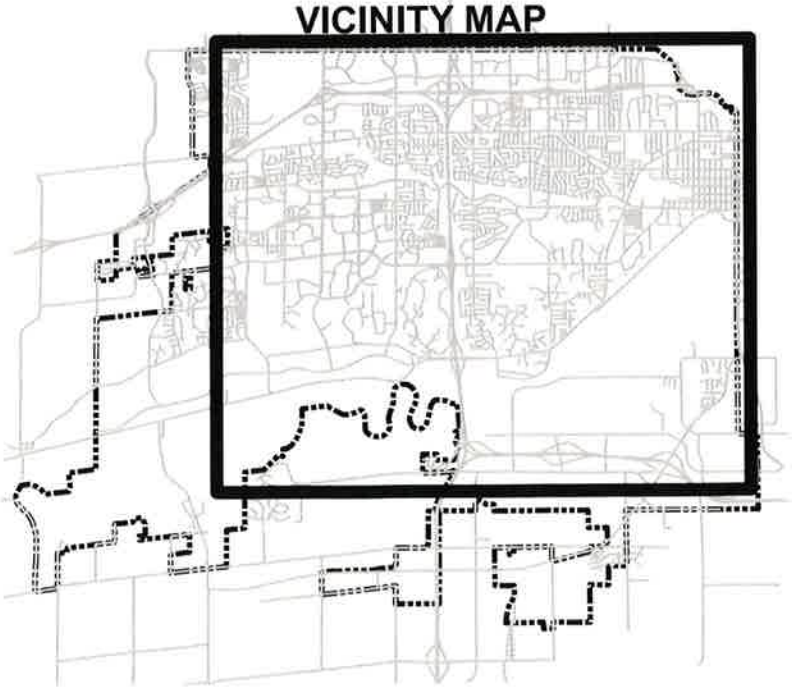
License Number: P27483

My License Renewal Date is 12/31/2025

Pages or sheets covered by this seal: Engineer's Opinion of Probable Construction Cost




## VICINITY MAP



## LEGEND

**PROJECT LOCATION** ▬▬▬

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|---|---|---|---|
| THE CITY OF WEST DES MOINES | PROJECT: **2024 PCC Patching Program** | | |
| | LOCATION: **Exhibit 'A'** | | |
| | DRAWN BY: JPM | DATE: 2/9/2024 | PROJECT NUMBER/NAME: 0510-002-2024 | SHT. 1 of 1 |