



Date January 08, 2024

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR INTELLIGENT TRANSPORTATION SYSTEM PHASE 2, IOWA SIGNAL, INC.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Intelligent Transportation System Phase 2, 042021013, in accordance with the contract approved between Iowa Signal, Inc., Wayne Lesley, President, 3711 S.E. Capitol Circle, Grimes, IA, 50111, under Roll Call No. 21-1981, of December 20, 2021, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted.

BE IT FURTHER RESOLVED: That \$1,225,980.40 is the total cost, of which \$1,195,980.40 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by \_\_\_\_\_ to adopt. Second by \_\_\_\_\_

FORM APPROVED:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance



Funding Source: 2023-2024 CIP, Page 178, Traffic System Operation Improvements, TR097, \$500,000 (maximum) Surface Transportation Block Grant Program Federal-aid Swap funds being 100% of eligible construction costs under STBG-SWAP-1945(855)--SG-77, and the remaining \$725,980.40 in G.O. Bonds

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include BOESEN, COLEMAN, GATTO, MANDELBAUM, VOSS, WESTERGAARD, TOTAL, MOTION CARRIED, APPROVED.

CERTIFICATE

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk



**Date** January 08, 2024

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BE IT FURTHER RESOLVED: That \$1,225,980.40 is the total cost, of which \$1,195,980.40 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

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s/Kathleen Vanderpool

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| COUNCIL ACTION | YEAS | NAYS | PASS | ABSENT |
|----------------|------|------|------|--------|
| BOESEN         |      |      |      |        |
| COLEMAN        |      |      |      |        |
| GATTO          |      |      |      |        |
| MANDELBAUM     |      |      |      |        |
| VOSS           |      |      |      |        |
| WESTERGAARD    |      |      |      |        |
| TOTAL          |      |      |      |        |

**CERTIFICATE**

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

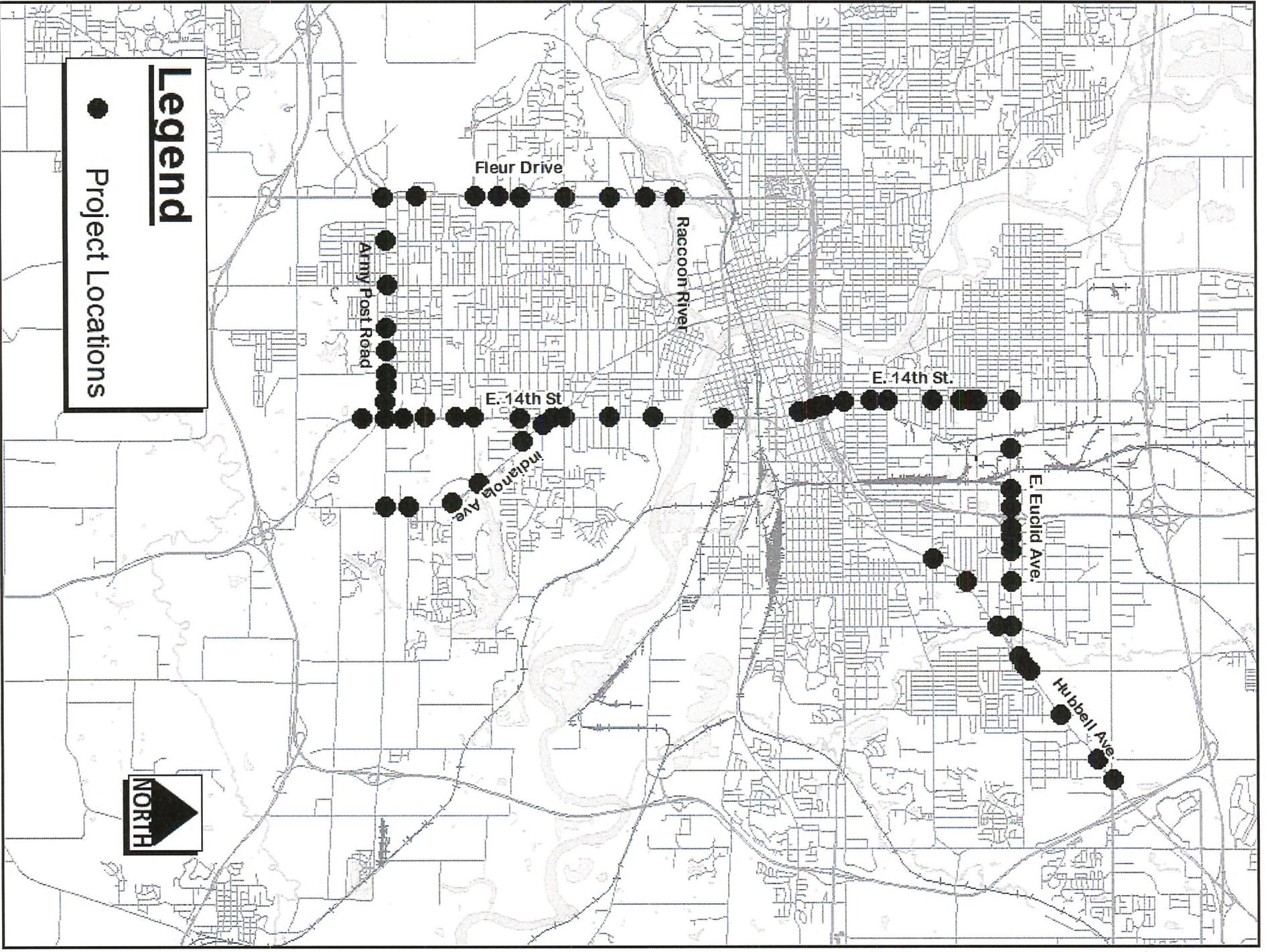
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED

APPROVED

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk



**Legend**  
● Project Locations



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## PROJECT SUMMARY

### Intelligent Transportation System Phase 2

#### Activity ID 042021013

On December 20, 2021, under Roll Call No. 21-1981, the Council awarded the contract for the above improvements to Iowa Signal, Inc. , in the amount of \$1,317,344.90. Tabulated below is a history of project change orders.

| <b>Change Order No.</b>                              | <b>Initiated By</b> | <b>Description</b>   | <b>Amount</b>  |
|--|---------------------|--|----------------|
| 1  | City                | 2/23/2023<br>All items are for additional materials, labor, and equipment for installation of fiber optic cable, handholes, and other facilities which are necessary to accommodate plan changes and conditions encountered during installation. | \$44,137.50    |
| 2  | City                | 6/13/2023<br>All change order items are to adjust contract quantities to as-built quantities.  | \$(135,502.00) |
| <b>Original Contract Amount</b>                      |                     |  | \$1,317,344.90 |
| <b>Total Change Orders</b>                           |                     |  | \$(91,364.50)  |
| <b>Percent of Change Orders to Original Contract</b> |                     |  | (6.94)%        |
| <b>Total Contract Amount</b>                         |                     |  | \$1,225,980.40 |

January 8, 2024

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Intelligent Transportation System Phase 2, Iowa Signal, Inc..

**SYNOPSIS:**

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

**FISCAL IMPACT:**

Amount: \$1,225,980.40 As-Built Contract Cost

Funding Source: 2023-2024 CIP, Page 178, Traffic System Operation Improvements, TR097, Being: \$500,000 (maximum) Surface Transportation Block Grant Program Federal-aid Swap funds being 100% of eligible construction costs under STBG-SWAP-1945(855)--SG-77, and the remaining \$725,980.40 in G.O. Bonds

**CERTIFICATION OF COMPLETION:**

On December 20, 2021, under Roll Call No. 21-1981, the City Council awarded a contract to Iowa Signal, Inc., Wayne Lesley, President, 3711 S.E. Capitol Circle, Grimes, IA 50111 for the construction of the following improvement:

Intelligent Transportation System Phase 2, 042021013

The improvements include upgrading the communications infrastructure, communications network, traffic signal cabinet/controller and ITS equipment of the traffic signal system, removal of sidewalk and driveways, Portland Cement Concrete (PCC) sidewalks, PCC driveways, surface restoration; all in accordance with the contract documents, located along Hubbell Avenue from Guthrie Avenue to E. Broadway Avenue, E. 33rd Street from Hubbell Avenue to E. Euclid Avenue, E. Euclid Avenue from E. 14th Street to E. 33rd Street, E. 14th Street from E. Grand Avenue to E. Euclid Avenue, E. Grand Avenue from Robert D. Ray Drive to E. 14th Street, Fleur Drive from Army Post Road to John R. Grubb Lane, Army Post Road from Fleur Drive to S.E. 14th Street, S.E. 14th Street from Army Post Road to E. Martin Luther King Jr. Parkway, Indianola Avenue from S.E. 14th Street to E. Army Post Road, Des Moines, Iowa

I hereby certify that the construction of said Intelligent Transportation System Phase 2, Activity ID 042021013, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on June 20, 2022, and was completed on September 20, 2023.

I further certify that \$1,225,980.40 is the total cost of said improvement, of which \$1,195,980.40 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.



Steven L. Naber, P.E.  
Des Moines City Engineer

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ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA



FINAL QUANTITIES OF CONSTRUCTION COMPLETED  
FOR WORK DONE THROUGH 9/19/23  
FINAL PAYMENT (PARTIAL PAYMENT NO. 8)

IDOT #: STBG-SWAP-1945(855)--SG-77  
ACTIVITY ID: 04-2021-013  
DATE: 9/19/2023

PROJECT: Intelligent Transportation System Phase 2  
CONTRACTOR: Iowa Signal

| ITEM NO. | DESCRIPTION  | UNIT | QUANTITIES      |            |                     |                         | UNIT PRICE      | TOTAL AMOUNT   |
|----------|--|------|-----------------|------------|---------------------|-------------------------|-----------------|----------------|
|          |  |      | ESTIMATED       | AUTHORIZED | CONSTRUCTED TO DATE | CONSTRUCTED THIS PERIOD |                 |                |
| 1        | Removal of Pavement  | SY   | 200.00          | 5.80       | 5.80                | 0.00                    | \$ 25.00        | \$145.00       |
| 2        | Removal of Sidewalk  | SY   | 200.00          | 9.30       | 9.30                | 0.00                    | \$ 15.00        | \$139.50       |
| 3        | Sidewalk, P.C. Concrete, 4 in.                                   | SY   | 200.00          | 0.00       | 0.00                | 0.00                    | \$ 75.00        | \$0.00         |
| 4        | Sidewalk, P.C. Concrete, 6 in.                                   | SY   | 200.00          | 9.30       | 9.30                | 0.00                    | \$ 95.00        | \$883.50       |
| 5        | Detectable Warning, Cast Iron                                    | SF   | 200.00          | 0.00       | 0.00                | 0.00                    | \$ 50.00        | \$0.00         |
| 6        | Curb and Gutter, P.C. Concrete, 2.5 ft.                          | LF   | 200.00          | 0.00       | 0.00                | 0.00                    | \$ 45.00        | \$0.00         |
| 7        | Driveway, P.C. Concrete, 8 in.                                   | SY   | 200.00          | 0.00       | 0.00                | 0.00                    | \$ 85.00        | \$0.00         |
| 8        | Removal of Paved Driveway  | SY   | 200.00          | 0.00       | 0.00                | 0.00                    | \$ 15.00        | \$0.00         |
| 9        | Traffic Signalization  | LS   | 1.00            | 1.00       | 1.00                | 0.05                    | \$ 1,160,344.90 | \$1,160,344.90 |
| 10       | Traffic Control  | LS   | 1.00            | 1.00       | 1.00                | 0.20                    | \$ 5,000.00     | \$5,000.00     |
| 11       | Patches, Full Depth Finish, By Area                              | SY   | 200.00          | 5.80       | 5.80                | 0.00                    | \$ 100.00       | \$580.00       |
| 12       | Patches, Full Depth Finish, By Count                             | EACH | 20.00           | 1.00       | 1.00                | 1.00                    | \$ 250.00       | \$250.00       |
| 13       | Regular Partial Depth Hot Mix Asphalt Finish Patches, By Area    | SY   | 200.00          | 0.00       | 0.00                | 0.00                    | \$ 77.50        | \$0.00         |
| 14       | Mobilization   | LS   | 1.00            | 1.00       | 1.00                | 0.00                    | \$ 8,500.00     | \$8,500.00     |
| 15       | Deliver and Stockpile Salvaged Materials                         | LS   | 1.00            | 1.00       | 1.00                | 1.00                    | \$ 1,000.00     | \$1,000.00     |
| 16       | ('Each' Item) Irrigation System Adjustment                       | EACH | 10.00           | 0.00       | 0.00                | 0.00                    | \$ 100.00       | \$0.00         |
| 17       | ('Lump Sum' Item) Excavation and Grading                         | LS   | 1.00            | 1.00       | 1.00                | 1.00                    | \$ 5,000.00     | \$5,000.00     |
| 18       | Mulching, Bonded Fiber Matrix                                    | ACRE | 0.20            | 0.00       | 0.00                | 0.00                    | \$ 30,000.00    | \$0.00         |
| 19       | Seeding and Fertilizing (Urban)                                  | ACRE | 0.20            | 0.00       | 0.00                | 0.00                    | \$ 20,000.00    | \$0.00         |
| 20       | Stabilizing Crop - Seeding and Fertilizing (Urban)               | ACRE | 0.20            | 0.00       | 0.00                | 0.00                    | \$ 25,000.00    | \$0.00         |
|          | <b>Change Order Items</b>  |      |                 |            |                     |                         |                 |                |
| 8001.00  | Fiber, Splice Case, and Splices from South of HH72-1 to HH72-1   | LS   | 0.00            | 1.00       | 1.00                | 1.00                    | \$ 2,980.00     | \$2,980.00     |
| 8002.00  | Fiber from Watrous Avenue to McKinley Avenue in Existing Conduit | LS   | 0.00            | 1.00       | 1.00                | 1.00                    | \$ 9,350.00     | \$9,350.00     |
| 8003.00  | New Cable and Cut-Over for Blocked Conduit                       | LS   | 0.00            | 1.00       | 1.00                | 1.00                    | \$ 14,557.50    | \$14,557.50    |
| 8004.00  | Install Type 1 Handholes Between Cowles Drive and Army Post Road | EACH | 0.00            | 2.00       | 2.00                | 2.00                    | \$ 825.00       | \$1,650.00     |
| 8005.00  | Additional Splices   | EACH | 0.00            | 240.00     | 240.00              | 240.00                  | \$ 65.00        | \$15,600.00    |
|          | ORIGINAL CONTRACT AMOUNT   |      | \$ 1,317,344.90 |            |                     |                         |                 |                |
|          | TOTAL CHANGE ORDERS  |      | \$ (91,364.50)  |            |                     |                         |                 |                |
|          | ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS                      |      | \$ 1,225,980.40 |            |                     |                         |                 |                |
|          | THIS PARTIAL PAYMENT   |      | \$ -            |            |                     |                         |                 |                |
|          | PAYMENT #1   |      | \$ 173,437.69   |            |                     |                         |                 |                |
|          | PAYMENT #2   |      | \$ 283,830.94   |            |                     |                         |                 |                |
|          | PAYMENT #3   |      | \$ 113,741.71   |            |                     |                         |                 |                |
|          | PAYMENT #4   |      | \$ 343,237.86   |            |                     |                         |                 |                |
|          | PAYMENT #5   |      | \$ 168,830.19   |            |                     |                         |                 |                |

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| ITEM NO. | DESCRIPTION                  | UNIT | QUANTITIES      |            |                     | UNIT PRICE | TOTAL AMOUNT |
|----------|------------------------------|------|-----------------|------------|---------------------|------------|--------------|
|          |                              |      | ESTIMATED       | AUTHORIZED | CONSTRUCTED TO DATE |            |              |
|          | PAYMENT #6                   |      | \$ 49,134.77    |            |                     |            |              |
|          | PAYMENT #7                   |      | \$ 63,767.24    |            |                     |            |              |
|          | TOTAL PARTIAL PAYMENTS       |      | \$ 1,195,980.40 |            |                     |            |              |
|          | BALANCE                      |      | \$ 30,000.00    |            |                     |            |              |
|          | APPROXIMATE PERCENT COMPLETE |      | 100.0%          |            |                     |            |              |

PREPARED BY: Brian Lehman  
Project Inspector

CHECKED BY: Brett Lewis  
Project Engineer

CONTRACTOR: [Signature]  
Iowa Signal, Inc.

|                       |                 |
|-----------------------|-----------------|
| TOTAL                 | \$ 1,225,980.40 |
| RETAINAGE             | \$ 30,000.00    |
| TOTAL LESS RETAINAGE  | \$ 1,195,980.40 |
| LESS PREVIOUS PAYMENT | \$ 1,195,980.40 |
| AMOUNT DUE            | \$ -            |

FINAL PAYMENT (PARTIAL PAYMENT NO. 8)