


## COUNCIL COMMUNICATION

	Number:	<b>23-062</b>	Meeting:	<b>February 6, 2023</b>
	Agenda Item:	<b>11</b>	Roll Call:	<b>23-148</b>
	Submitted by:	<b>Steven L. Naber, P.E., City Engineer</b>		

### AGENDA HEADING:

Approving Change Order No. 1 with Iowa Signal, Inc. for additional work on 2023 Traffic Signal Replacement Contract 1, in the amount of \$185,265.41.

### SYNOPSIS:

Consider approval of Change Order No. 1 in the amount of \$185,265.41 with Iowa Signal, Inc. (Wayne Lesley, President, 3711 S.E. Capitol Circle, Grimes, Iowa, 50111), for additional work on 2023 Traffic Signal Replacement Contract 1 to install a High-Intensity Activated CrossWalk (HAWK) signal on E. University Avenue near E. 17<sup>th</sup> Street as requested by members of City Council.

### FISCAL IMPACT:

Amount: \$185,265.41

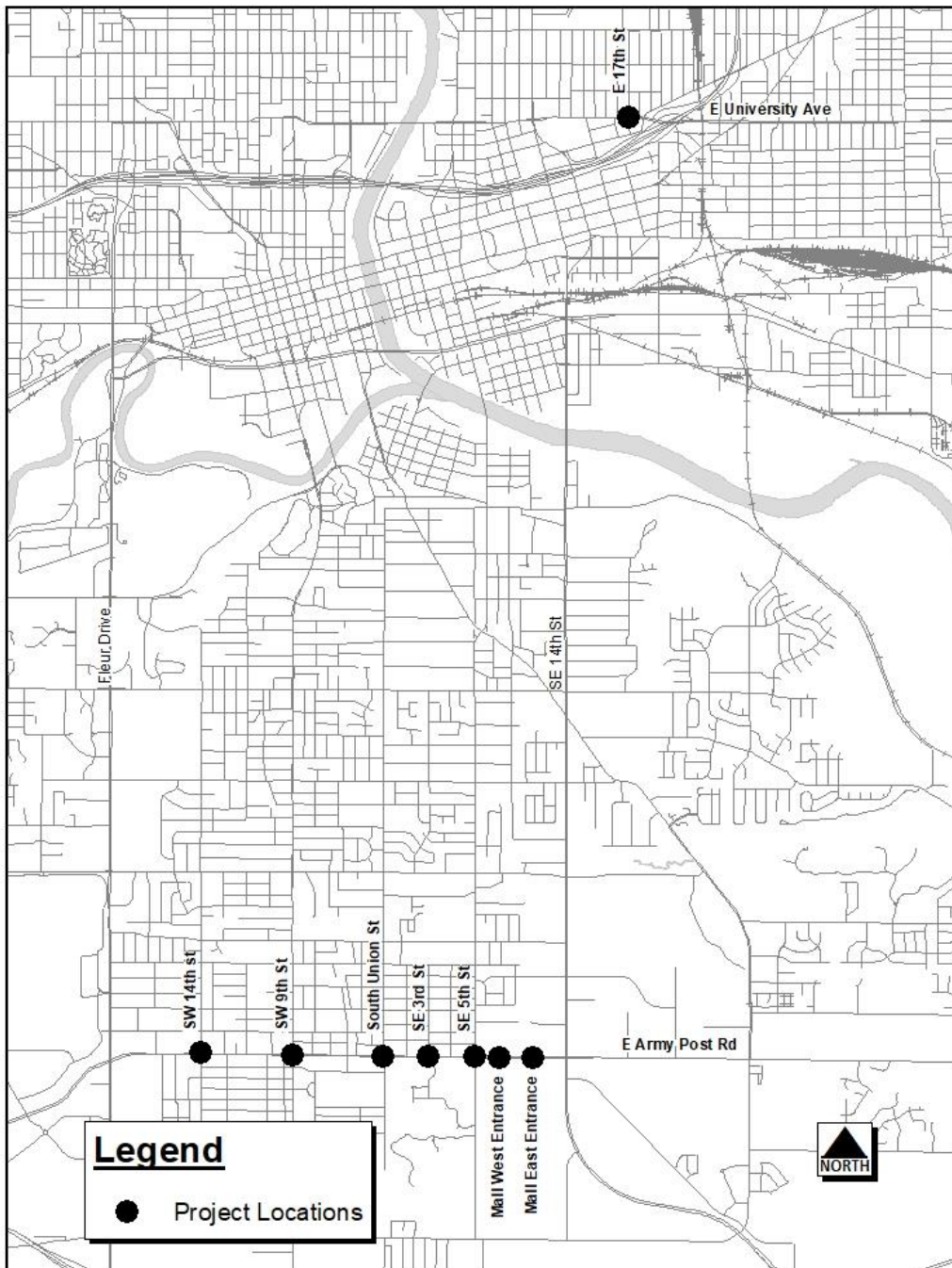
Funding Source: 2022-23 CIP, Page 173, Traffic Signals – Replacement, TR09, Being: \$185,265.441 in funding transferred from to ST315, East University Avenue – E. 14<sup>th</sup> Street to I-235.

### ADDITIONAL INFORMATION:

- On January 9, 2023, under Roll Call Number 23-0065, the City Council approved plans and specifications for the 2023 Traffic Signal Replacement Contract 1 project and designated the lowest responsible bidder as Iowa Signal, Inc. for \$854,230.39.
- The project includes replacement of traffic signals at the intersection of Army Post Road and S.W. 9<sup>th</sup> Street and at the intersection of E. Army Post Road and the east entrance of Southridge Mall, as well as improving the sidewalk curb ramps to meet Americans with Disabilities Act (ADA) requirements. The project also includes the installation of flashing yellow arrow left-turn signal heads and associated equipment for all approaches at the following five (5) signalized intersections:
  - Army Post Road and S.W. 14<sup>th</sup> Street
  - Army Post Road and South Union Street (Chaffee Road)
  - E. Army Post Road and S.E. 3<sup>rd</sup> Street
  - E. Army Post Road and S.E. 5<sup>th</sup> Street
  - E. Army Post Road and the west entrance of Southridge Mall

- This change order includes adding a mid-block HAWK signals and improving sidewalk curb ramps near the intersection of E. University Avenue and E. 17<sup>th</sup> Street as requested by members of City Council.
- On April 28, 2022, an East High School student was killed while crossing in the 1600 block of E. University Avenue.
- City staff attended the Martin Luther King Jr. Park Neighborhood Association Meeting on May 17, 2022 to discuss the potential for traffic safety and pedestrian improvements in the area of E. University Avenue and E. 14<sup>th</sup> Street, as well as in the vicinity of nearby schools.
- City staff met with representatives from Des Moines Public School District (including staff from Operations, East High School, and Hiatt Middle School) on June 6, 2022, to discuss school operations (open campus, start, dismissal), where pedestrians are walking, and potential for traffic safety and pedestrian improvements in the area of E. University Avenue and E. 14<sup>th</sup> Street, as well as in the vicinity of nearby schools.
- City staff also met with staff with the Iowa Department of Transportation (IDOT) on June 22, 2022, to discuss potential traffic safety and pedestrian improvements in the area of E. University Avenue and E. 14<sup>th</sup> Street, as well as in the vicinity of nearby schools.
- On June 27, 2022, by Roll Call Number 22-1100, City Council approved an amendment to Chapter 114 of the Municipal Code to amend the definition of school district as it pertains to establishing school speed zones, which allowed City staff to move the existing “School Speed Limit 25 When Flashing” Assembly from just east of E. 15<sup>th</sup> Street to east of McCormick Street, extending the school speed limit zone from ~200 feet east of the Hiatt School parcel (“schoolhouse” as defined in Code) to ~200 feet east of the school property, which includes the stadium. A static “School Speed Limit 25 When Children Present” sign (with no flashing lights) will be erected where the existing flashing assembly is located due to the extensive length of the school speed limit zone.
- City staff recommend the following improvements on E University Avenue, targeting construction in 2024, pending IDOT approval:
  - Resurface E. University Avenue from east of E. 14<sup>th</sup> Street to west of Easton Boulevard and reconfigure pavement markings to provide a 3-lane roadway (converting the 4-lane roadway to a 3-lane roadway).
  - Remove existing pedestrian traffic signal in front of Hiatt Middle School (west of E. 15<sup>th</sup> Street) and replace with a new HAWK signal located at E. 15<sup>th</sup> Street to align with the west sidewalk along E. 15<sup>th</sup> Street. School District representatives at the June 6, 2022, meeting believe moving the pedestrian signal location to E 15<sup>th</sup> Street would better serve students and would be better coordinated with future school building improvements at Hiatt Middle School. The signal improvements would include adding a red beacon to the stop sign for southbound E. 15<sup>th</sup> Street traffic so motorists on E. 15<sup>th</sup> Street would not use the HAWK signal to enter onto E. University Avenue.
  - Replace the “School Speed Limit 25 When Flashing” Assemblies and “School Speed Limit 25 When Children Present” sign with new “School Speed Limit 25 When Flashing” Assemblies with Speed Feedback Signs to meet the current standard (similar to the assembly on SW 9<sup>th</sup> Street near Lincoln High School).
  - Modify the medians in the west and south legs of the intersection of E. University Avenue and E. 14<sup>th</sup> Street so they are not impeding in the crosswalk and meet ADA requirements.
  - Consider adding pedestrian refuge islands at other locations along E. University Avenue such as E. 16<sup>th</sup> Street and in the vicinity of E. 17<sup>th</sup> Street.
  - Filling the sidewalk gap on E. University/IA163 in the vicinity of McCormick Street.

- On August 8, 2022, by Roll Call No. 22-1226, City Council approved the submittal of Fiscal Year 2024 Traffic Safety Improvement Program (TSIP) application to the IDOT for the E. University Avenue (IA 163) from E. 14<sup>th</sup> Street (US 69) to Easton Boulevard Four-Lane to Three-Lane Conversion Project.
- Members of the City Council have directed staff to have a HAWK signal installed on E. University Avenue near E. 17<sup>th</sup> Street as soon as possible.
- With lead times of seven (7) to eight (8) months for signal equipment and materials to be manufactured, and the request of members of City Council to have a HAWK signal installed as soon as possible, City Council can add the HAWK signal installation to the 2023 Traffic Signal Replacement Contract 1 project with approval of Change Order No. 1.



**PREVIOUS COUNCIL ACTION(S):**

Date: January 9, 2023

Roll Call Number: [23-0065](#) and [23-0066](#)

Action: [On](#) 2023 Traffic Signal Replacement Contract 1: Resolution approving plans, specifications, form of contract documents, engineer's estimate, receive and file bids, and designating the lowest responsive, responsible bidder as Iowa Signal, Inc. (Wayne Lesley, President), \$854,230.39. ([Council Communication No. 23-016](#)) Moved by Voss to adopt. Second by Gatto. Motion Carried 7-0.

(A) [Approval](#) of contract and bond and permission to sublet. Moved by Voss to adopt. Second by Gatto. Motion Carried 7-0.

Date: August 8, 2022

Roll Call Number: [22-1226](#)

Action: [Approving](#) the Fiscal Year 2024 Traffic Safety Improvement Program (TSIP) application to the Iowa Department of Transportation (IDOT) for the E. University Avenue (IA 163) from E. 14<sup>th</sup> Street (US 69) to Easton Boulevard Four-Lane to Three-Lane Conversion Project. ([Council Communication No. 22-367](#)) Moved by Gatto to adopt. Second by Boesen. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Accepting completed construction and approving final payment on public improvement construction contracts.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Hall, 400 Robert D Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to [cityclerk@dmgov.org](mailto:cityclerk@dmgov.org).