


COUNCIL COMMUNICATION

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|  CITY OF DES MOINES OFFICE OF THE CITY MANAGER | Number: | 24-485 | Meeting: | December 9, 2024 |
| | Agenda Item: | 52 | Roll Call: | 24-1681 |
| | Submitted by: | Steven L. Naber, P.E., City Engineer | | |

AGENDA HEADING:

Hearing on E. Army Post Road and SE 36th Street Roundabout: Resolution approving plans, specifications, form of contract documents, engineer's estimate, receive and file bids, and designating lowest responsible bidder as Manatt's, Inc., Brian L. Manatt, President, \$2,146,688.74.

SYNOPSIS:

This is a public hearing to allow for public input on the E. Army Post Road and SE 36th Street Roundabout and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. The project includes the design and construction of a roundabout at the intersection of E. Army Post Road and SE 36th Street. The roundabout has been designed to be a single lane roundabout with one (1) lane entering and exiting on each approach. The roundabout will include curb and gutter and extended splitter islands to manage speeds as vehicles approach the roundabout.

FISCAL IMPACT:

Amount: \$2,146,688.74 Construction Contract (\$3,150,000 City Engineer's Estimate)

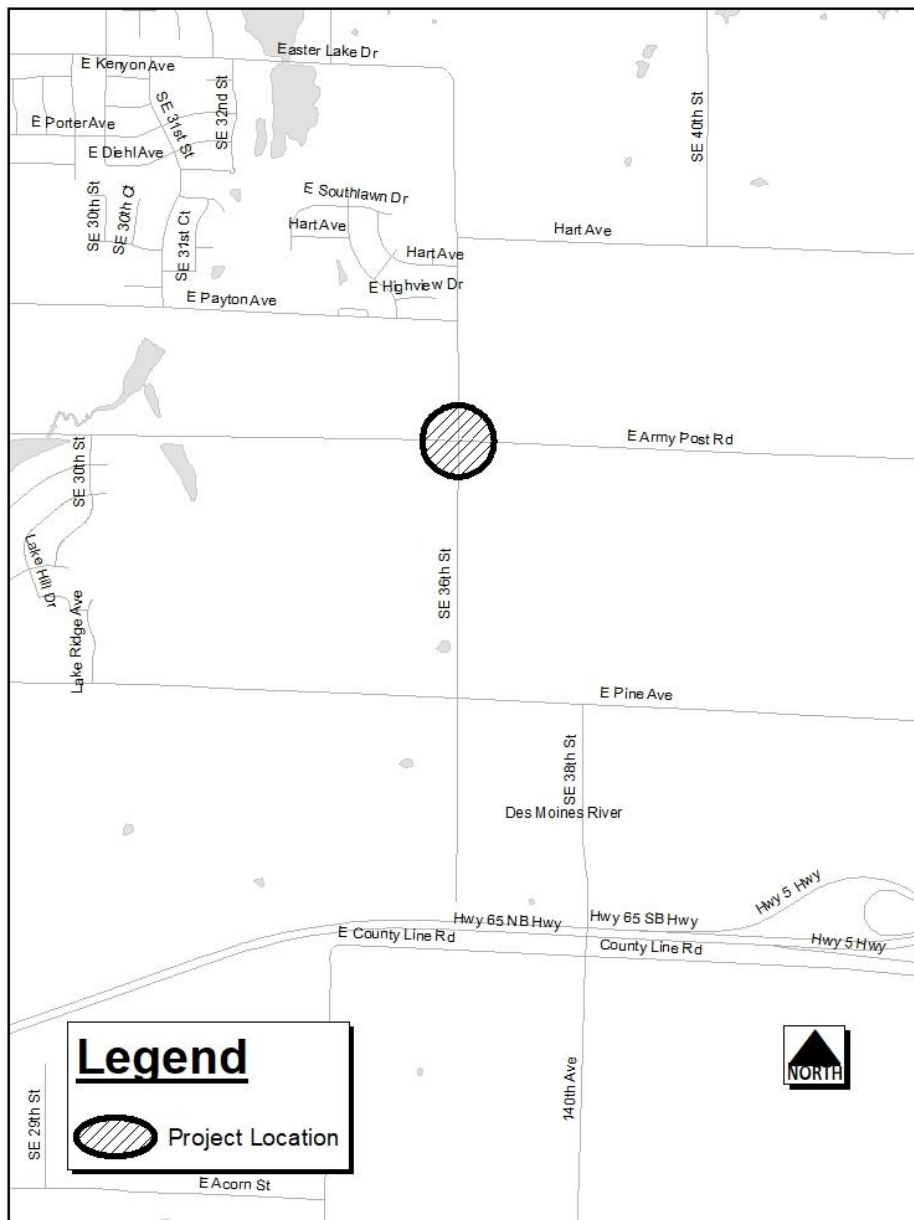
Funding Source: Fiscal Year (FY) 2024-2025 Capital Improvement Program (CIP), Page 135, E. Army Post Road and 36th Street Intersection Improvements, ST303, Being: \$500,000 (Max) in Iowa Department of Transportation (IDOT) Traffic Safety Improvement Funds under CS-TSF-1945(870)--85-77, \$1,631,209.74 in G.O. Bonds, and the remaining \$15,479 from Des Moines Water Works

ADDITIONAL INFORMATION:

- On October 21, 2024, under Roll Call No. 24-1420, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the E. Army Post Road and SE 36th Street Roundabout. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the E. Army Post Road and SE 36th Street Roundabout, Activity ID 04-2022-016. The improvement includes Portland Cement Concrete (PCC) pavement, PCC curb and gutter, pavement removals, earthwork, storm sewer, intakes, lighting, pavement markings, traffic control, erosion control, and surface restoration, all in accordance with the contract documents including Plan File No. 665-143/273, located at E. Army Post Road and SE 36th Street.

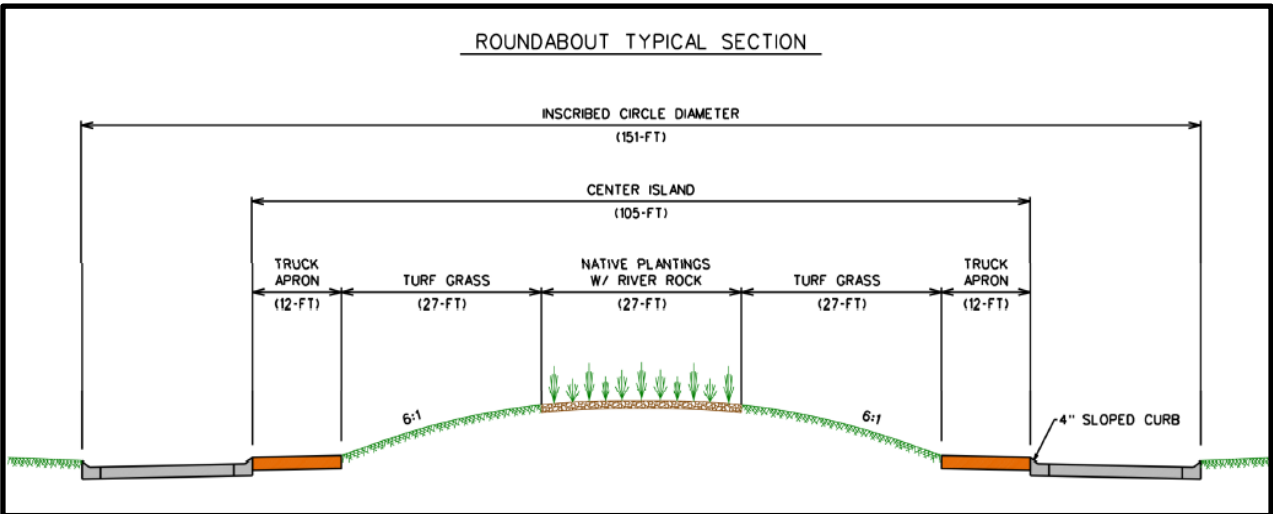
- Sealed bids for said improvement were submitted by the following bidders:
 - Manatt's, Inc., Brooklyn, IA - Low Bid
 - Alliance Construction Group, LLC, Urbandale, IA
 - Concrete Technologies, Inc., Grimes, IA
 - All Star Concrete, L.L.C., Johnston, IA
 - Absolute Concrete Construction, Inc. d/b/a Absolute Group, Granger, IA
 - Reilly Construction Co., Inc., Ossian, IA
 - C. J. Moyna & Sons, LLC, Elkader, IA
 - Vanderpool Construction, Inc., Indianola, IA
 - Castor Construction, LLC, Fort Dodge, IA
 - MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, IA
 - Jasper Construction Services, Inc., Newton, IA
 - Iowa Civil Contracting, Inc., Victor, IA
 - TK Concrete, Inc., Pella, IA
 - Sternquist Construction, Inc., Indianola, IA - Bid not read. Bidder used invalid Proposal Form to submit bid unit prices.
 - Shekar Engineering, P.L.C., Des Moines, IA - Bid not read. Bidder did not complete the Targeted Small Business Solicitation Requirements.
- The bids were received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, IA at 11:00 a.m. on November 5, 2024.
- The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Manatt's, Inc. (Brian L. Manatt, President, 1775 Old 6 Road, P.O. Box 535, Brooklyn, IA 52211) in the amount of \$2,146,688.74, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.
- A traffic study completed in 2020 identified significant traffic growth on the north approach of the intersection of E. Army Post Road and SE 36th Street, as well as safety and speeding issues on E. Army Post Road. Based on E. Army Post Road's history of traffic crashes resulting in fatal and serious injuries, observed speeding along the corridor, and traffic growth in the area, the conversion from a two (2)-way stop-controlled intersection (on SE 36th Street) to a roundabout will enhance safety by reducing speeds, reducing intersection conflict points, and reducing the severity of crashes by eliminating head-on and 90-degree angle crashes, while also optimizing the efficiency of the traffic operations.
- A virtual public meeting was held on July 14, 2020, to review and discuss the proposed project and gather input from affected parties and interested members of the public.
- On June 27, 2022, by Roll Call No. 22-0977, the City Council approved a Professional Services Agreement with Foth Infrastructure and Environment, LLC for the E. Army Post Road and SE 36th Street Roundabout design for an amount not to exceed \$299,534.

- On August 8, 2022, by Roll Call No. 22-1225, City Council approved the FY 2024 Traffic Safety Improvement Program (TSIP) application to the IDOT for \$500,000 (maximum amount per project under TSIP) for the SE 36th Street and E. Army Post Road Roundabout Project.
- On May 8, 2023, by Roll Call No. 23-0631, City Council approved and authorized the execution of the IDOT Agreement for SE 36th and E. Army Post Road Roundabout, which provides \$500,000 of TSIP funds for the project.
- Construction of this project is anticipated to start in 2025 with substantial completion (i.e., road re-opened to traffic) in fall of 2025 and final completion in spring 2026. Construction of this project will require a road closure at SE 36th Street and E. Army Post Road with detour routes using U.S. Highway 65, Iowa Highway 5 and U.S. Highway 69, from spring 2025 to fall 2025.





Above Graphic: Proposed Roundabout at SE 36th Street and E. Army Post Road (Plan View)



Above Graphic: Proposed Roundabout at SE 36th Street and E. Army Post Road (Cross Section View)



Above Graphic: Example (Precedent) Roundabout at University Avenue and Collaboration Place, Ames, Iowa (SE 36th Street/E. Army Post Road Roundabout will look similar)

PREVIOUS COUNCIL ACTION(S):

Date: October 21, 2024

Roll Call Number: [24-1420](#)

Action: Ordering construction of the following:

- (A) [E. Army](#) Post Road and SE 36th Street Roundabout: Receiving of bids, (11-5-24) and Setting date of hearing, (12-9-24), Engineer's estimate, \$3,150,000. ([Council Communication No. 24-414](#)) Moved by Gatto to adopt. Second by Voss. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Partial payments to the contractor and final acceptance of work.

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.