


# COUNCIL COMMUNICATION

	Number:	<b>21-057</b>	Meeting:	<b>February 8, 2021</b>
	Agenda Item:	<b>7A</b>	Roll Call:	[ _____ ]
	Submitted by:	<b>Steven L. Naber, P.E., City Engineer</b>		

## AGENDA HEADING:

Ordering construction of the following: Euclid Avenue 3-Lane Pilot Project 2nd Avenue to 12th Street - Receiving bids, (2-23-21), and Setting date of hearing, (3-22-21). Construction Estimate - \$150,000.

## SYNOPSIS:

Recommend the City Council order construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. This project, as a Pilot Project, converts Euclid Avenue from 12th Street to 2nd Avenue to a 3-lane cross-section roadway consisting of one (1) westbound lane, one (1) eastbound lane and a center continuous 2-way, left-turn lane while adding on-street parking along both sides of Euclid Avenue between 6th Avenue and 2nd Avenue. The parking provided by these modifications will be available all day with no peak-hour time restrictions. Dedicated turn lanes will be provided at the Euclid Avenue intersections at 12th Street, 11th Street, 6th Avenue, and 2nd Avenue. The Pilot Project improvements would be accomplished with pavement markings, temporary concrete curb bumpouts (between 2nd Avenue and 6th Avenue to shield the added on-street parking), and signage.

## FISCAL IMPACT:

Amount: \$150,000 City Engineer's Estimate

Funding Source: 2020-2021 CIP, Page Street - 12, Euclid Avenue Roadway Reconfiguration 12th Street to 2nd Avenue, ST284, G.O. Bonds to be issued.

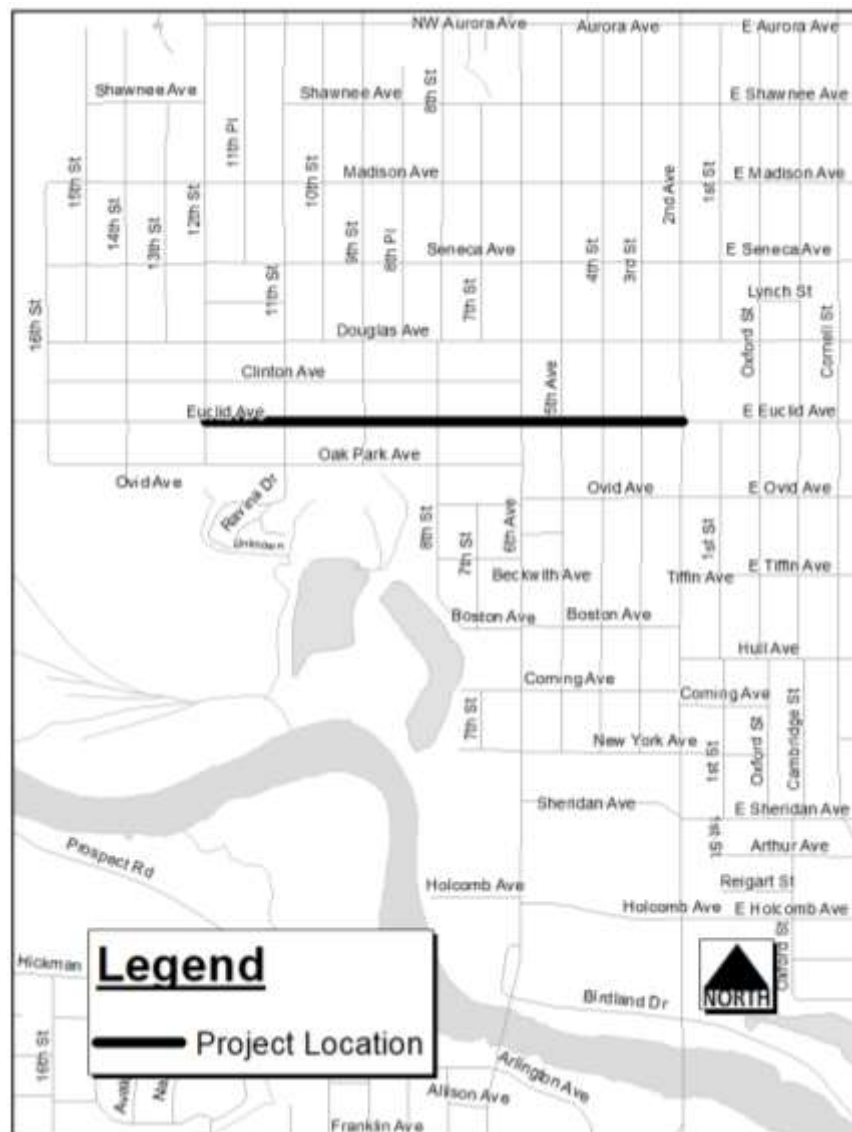
## ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Euclid Avenue 3-Lane Pilot Project 2nd Avenue to 12th Street, 04-2020-013. The improvement includes Portland Cement Concrete (PCC) median islands, pavement markings, pavement marking removal, traffic control, traffic signalization modifications, seeding, miscellaneous associated work including cleanup and restoration; all in accordance with the contract documents, including Plan File Nos. 626-134/178, located along Euclid Avenue from 2nd Avenue to 12th Street.

- The estimated construction cost is \$150,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- Euclid Avenue between 12th Street and 6th Avenue is currently a 4-lane cross section (two {2} westbound lanes and two {2} eastbound lanes). Euclid Avenue between 6th Avenue and 2nd Avenue is currently a 5-lane cross section (two {2} westbound lanes, two {2} eastbound lanes, and center continuous 2-way left-turn lane).
- Euclid Avenue, also U.S. Highway 6, is under the jurisdiction and maintenance of the Iowa Department of Transportation (IDOT).
- In response to the request of the Highland Park and Oak Park Neighborhood Associations, as well as the Ward Councilmember, City staff prepared a proposal to implement a Pilot Project which converts Euclid Avenue from 12th Street to 2nd Avenue to a 3-lane cross-section roadway consisting of one (1) westbound lane, one (1) eastbound lane and a center continuous 2-way, left-turn lane while adding on-street parking along both sides of Euclid Avenue between 6th Avenue and 2nd Avenue. The parking provided by these modifications will be available all day with no peak-hour time restrictions. The Pilot Project improvements would be accomplished with pavement markings, temporary curb bumpouts (between 2nd Avenue and 6th Avenue to shield the added on-street parking), and signage. The Oak Park Special Investment District includes this roadway conversion as a goal.
- On June 24, 2019, by Roll Call No. 19-047, City Council directed City staff to submit a proposal to the IDOT for the Euclid Avenue (U.S. Highway 6) Lane Reduction Pilot Project.
- The proposed Pilot Project will convert Euclid Avenue from 12th Street to 2nd Avenue to the 3-lane cross-section roadway described above. The goals of the Pilot Project are to evaluate if the changes made improve vehicular and pedestrian safety by calming traffic, add on-street parking that is utilized between 6th Avenue and 2nd Avenue, and generate economic development along the corridor.
- City Engineering staff, IDOT staff, and a Traffic Engineering consultant to the City have concerns for potential adverse effects from the Pilot Project (delays causing motorists to take alternate routes down adjacent residential streets, increased fuel consumption and CO2 emissions). City staff and the IDOT request to have data to determine if the Pilot Project is effective or having adverse effects before spending City funds to construct permanent improvements.
- In response to these concerns, and following a meeting with IDOT staff, City staff developed Pilot Project Evaluation Criteria, looking at speeds, parking utilization, travel time, traffic volumes on adjacent east-west roadways, crashes, and economics to monitor the performance of the Pilot Project. Should any one (1) of the above six (6) Pilot Project Evaluation Criteria not be considered effective as defined above, the City will re-evaluate the project and consider revisions to the project and/or re-striping Euclid Avenue back to its cross section prior to the Pilot Project. Should all six (6) of the Pilot Project Evaluation Criteria be considered effective as defined above, the City will refresh the pavement markings as marked for the Pilot Project, and the City will begin design of permanent improvements, including permanent concrete

bumpouts at the intersections between 6th Avenue and 2nd Avenue to shield parking and shorten the pedestrian crossing distances.

- On July 22, 2019, the IDOT approved the City’s Pilot Project proposal, which included the Pilot Project Evaluation Criteria.
- City staff and the City’s traffic engineering consultant will collect “Before Pilot Project Traffic Data” for the Pilot Project Evaluation Criteria this spring (March or April).
- The Pilot Project construction will occur over this summer.
- City staff and the City’s traffic engineering consultant will collect “After Pilot Project Traffic Data” for the Pilot Project Evaluation Criteria in the spring (March or April) of 2022.
- If the Pilot Project is effective, the pavement markings will be re-striped, and the City will begin design of permanent improvements with anticipated construction in 2023 or 2024. If the Pilot Project is not effective, the City will re-evaluate the project and consider revisions to the project and/or re-striping Euclid Avenue back to its cross section prior to the Pilot Project.



**PREVIOUS COUNCIL ACTION(S):**

Date: June 24, 2019

Roll Call Number: [19-1047](#)

Action: [Draft](#) proposal for Euclid Avenue (U.S. Highway 6) Lane Reduction Pilot Project and direct staff to submit proposal to the IDOT for review and approval. ([Council Communication No. 19-284](#)) Moved by Westergaard to adopt. Motion Carried 6-1. Absent: Cownie.

**BOARD/COMMISSION ACTION(S):**

Board: Transportation Safety Committee

Date: June 11, 2019

Resolution Number: N/A

Action: Motion by Dave Ferree to express support to the City Council that the City present the Proposed Euclid Avenue Lane Reduction Pilot Project to the Iowa Department of Transportation; seconded by Meg Schneider. Motion passed 7:0.

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

- Anticipated actions include public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also, partial payments to the contractor and final acceptance of work.
- If the Pilot Project is effective, the pavement markings will be re-stripped, and the City will begin design of permanent improvements with anticipated construction in 2023 or 2024. If the Pilot Project is not effective, the City will re-evaluate the project and consider revisions to the project and/or re-stripping Euclid Avenue back to its cross section prior to the Pilot Project.

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).