


COUNCIL COMMUNICATION

	Number:	21-209	Meeting:	May 10, 2021
	Agenda Item:	6A	Roll Call:	21-0667
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: Downtown Bumpouts and 12th Street from Martin Luther King Jr. Parkway to Grand - Receiving bids, (5-25-21), and Setting date of hearing, (6-14-21).
Construction Estimate - \$1,725,000.

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 provides for the following improvements:
 - Construction of concrete curb bumpouts at intersections along Mulberry Street from 6th Avenue to 12th Street to reduce pedestrian crossing distances and shadow parking areas.
 - Construction of a concrete curb bumpouts at intersections along 12th Street from Locust Street to West Martin Luther King, Jr. Parkway to convert the pilot project to permanent features.
 - Construction of concrete bumpouts to improve the pedestrian crossing at the intersection of Locust Street and 13th Street.
 - New pavement markings, adding bike lanes along 12th Street from Grand Avenue to West Martin Luther King, Jr. Parkway.

FISCAL IMPACT:

Amount: \$1,725,000 City Engineer's Estimate

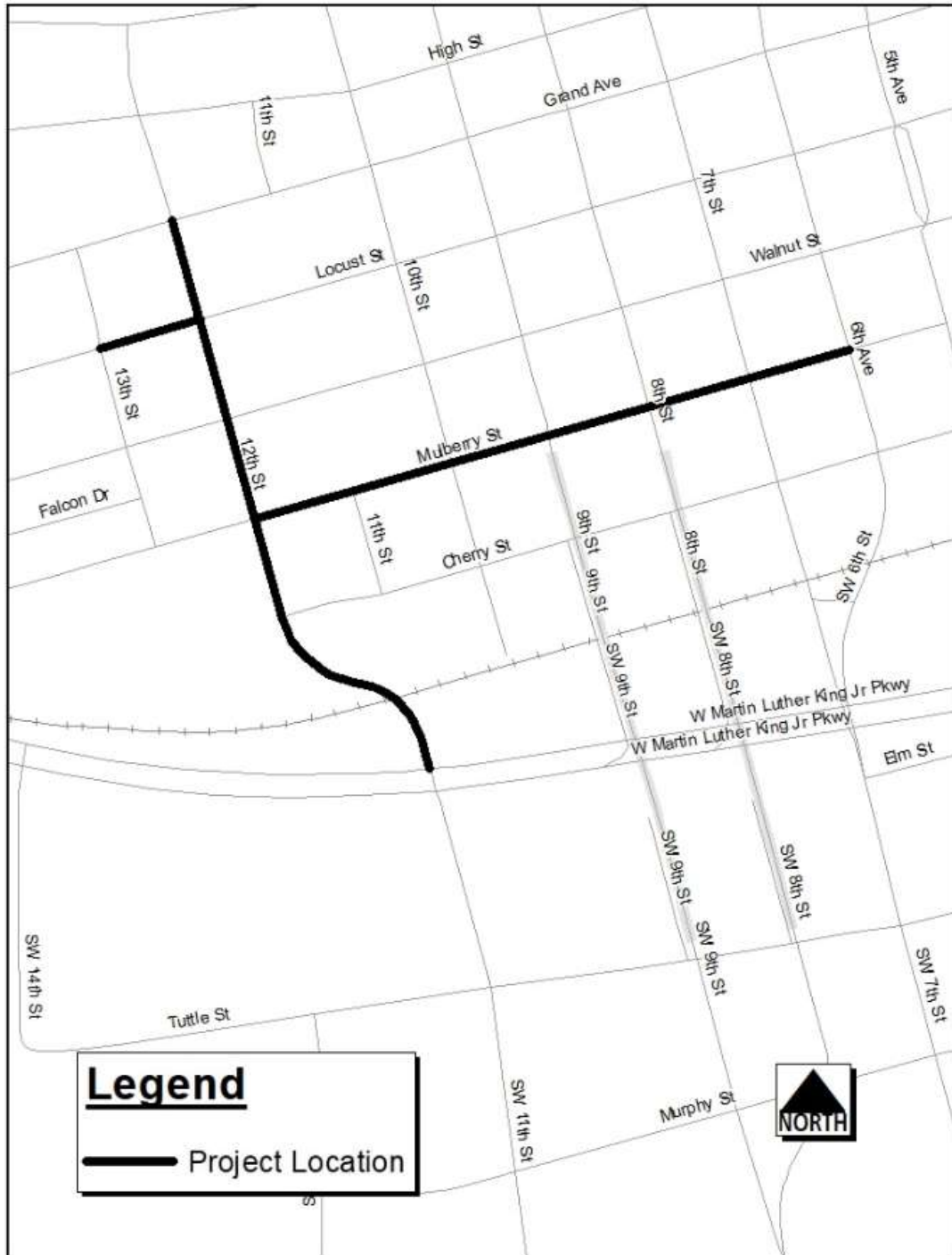
Funding Source: 2021-2022 CIP, Page 122, Active Transportation, ST269, Being: \$1,701,000 of TIF Bonds and the remaining \$24,000 from Des Moines Water Works

ADDITIONAL INFORMATION:

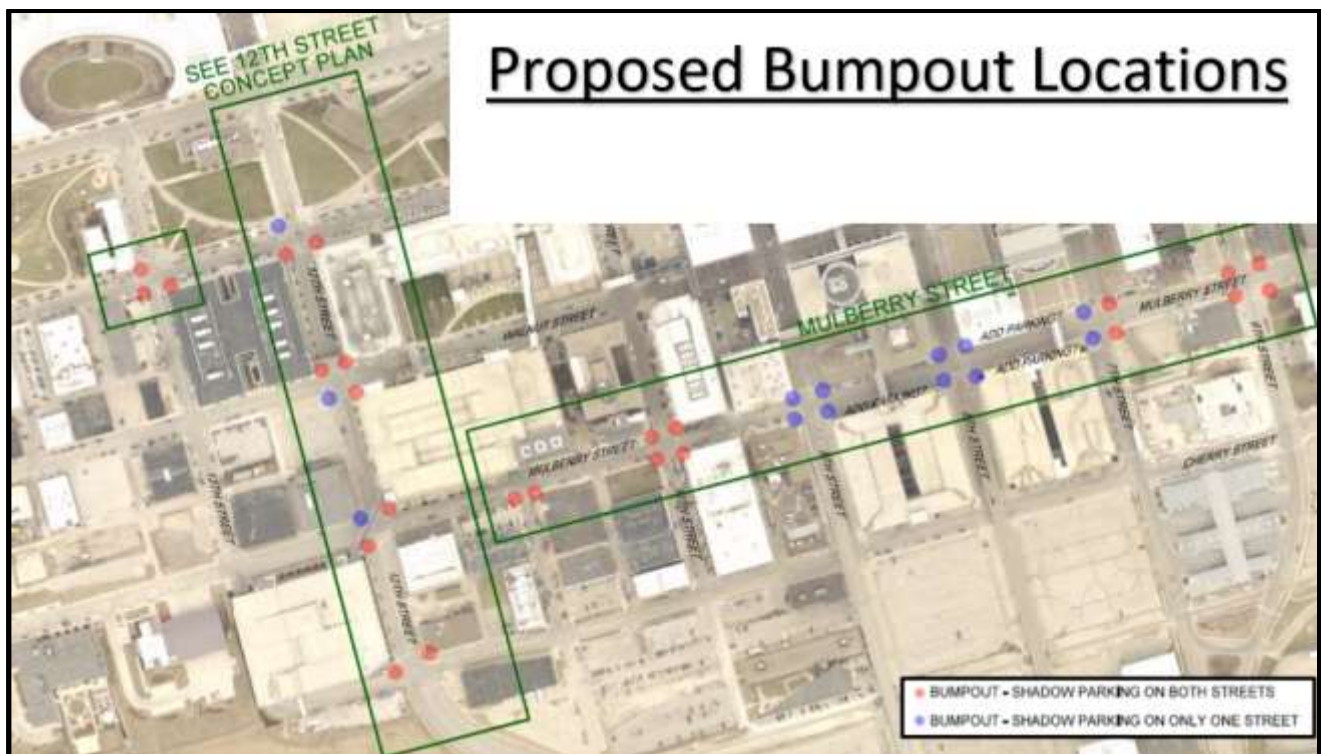
- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Downtown Bumpouts and 12th Street from West Martin Luther King, Jr. Parkway to Grand Avenue, Activity ID No. 04-2021-004. The improvement includes Portland Cement Concrete (PCC) sidewalks, curb & gutter, storm sewer, storm sewer intakes, pavement markings, traffic control, seeding, miscellaneous associated work including cleanup and restoration; all in accordance with the contract documents, including Plan File No's. 621-190/293, located along Mulberry Street from 6th

Avenue to 12th Street, 12th Street from Locust Street to West Martin Luther King, Jr. Parkway, and the intersection of Locust Street and 13th Street.

- The estimated construction cost is \$1,725,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- Construction of this project is anticipated to start late summer 2021 and be completed in the fall 2022.



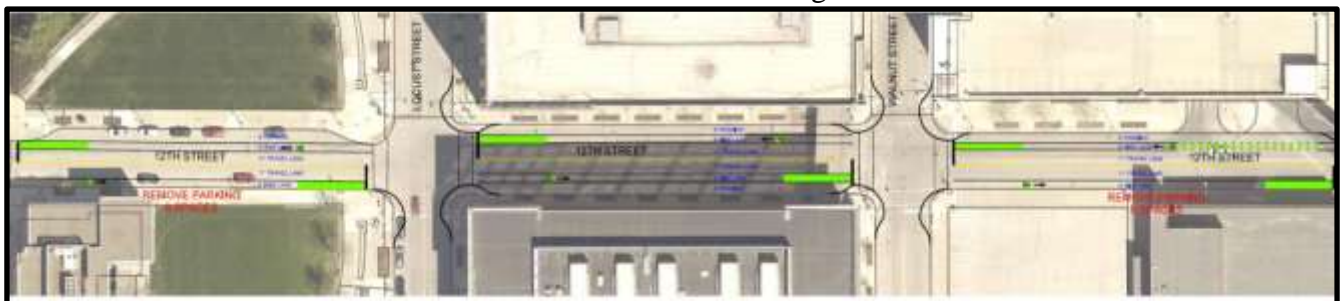
- This project implements some of Connect Downtown’s proposed improvements, including converting previous pilot projects into permanent installations.
- A virtual open house was held for public comment from August 21, 2020 through September 4, 2020.
- In 2015, peak hour parking restrictions were removed on W. Locust Street, 7th Street, and Mulberry Street downtown. Previously, during the morning (7:00 A.M. – 9:00 A.M.) and evening (4:00 P.M. – 6:00 P.M.) peak hours, parking was prohibited on these streets to allow more vehicular travel lanes. Based on data collected and traffic modeling completed during the development of Connect Downtown, the transportation master plan for downtown Des Moines, these peak hour restrictions were determined to be not necessary. Therefore, restrictions were lifted to allow parking on these streets during all hours of the day.
- In 2015, only the peak hour restriction signage was removed as a pilot project. This Downtown Bumpout project will construct bumpouts at the locations identified in the exhibit below to convert the pilot project into permanent installations. Bumpouts are concrete curb extensions of the sidewalk area and have been installed in many locations downtown. They serve several purposes:
 - Shadow parallel parking spaces to define the area for parking and not for through traffic.
 - Shorten the crossing distance, time and exposure for pedestrians using the crosswalk.
 - At bus stops, provide easy access for loading and unloading without having the bus pull out of the travel lane.

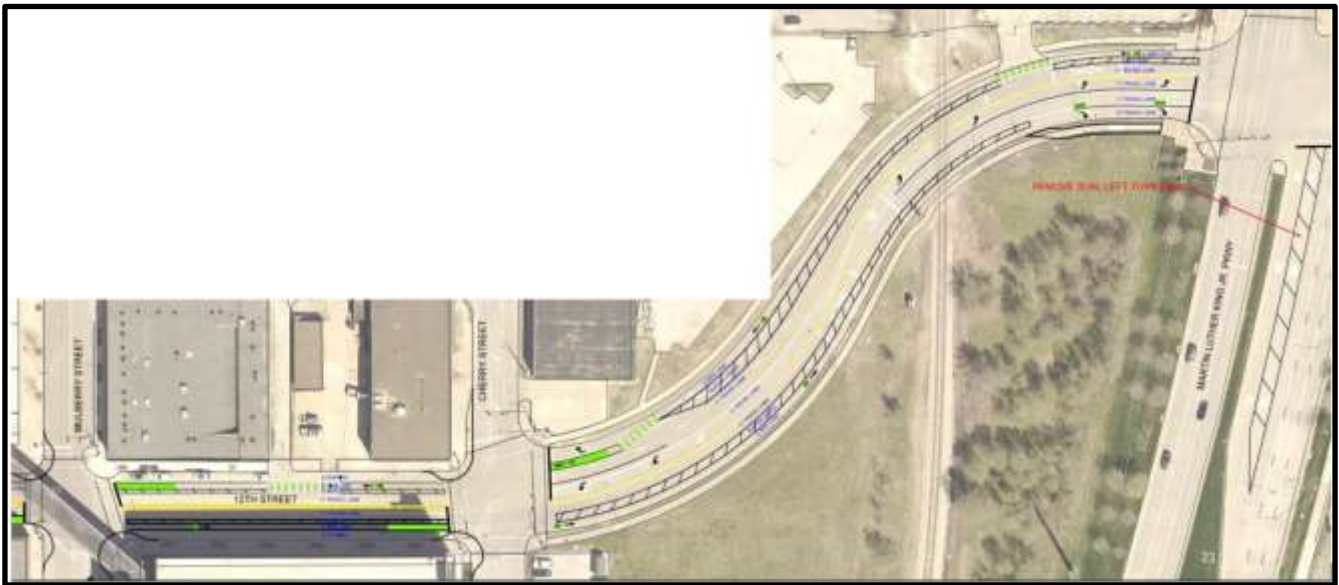




- In 2015, 12th Street from Mulberry Street to Grand Avenue was converted from one-way to two-way traffic as a pilot project. This conversion included only changes to pavement markings and traffic control devices.
- This project proposes to make the pilot project permanent as planned in Connect Downtown, and includes:
 - Permanent concrete bumpouts to provide shorter pedestrian crossing distances and shadow parallel parking.
 - Adding bike lanes from Grand Avenue to Martin Luther King Jr. Parkway, providing a vital connection in the bicycle network, connecting Grand Avenue to Martin Luther King Jr. Trail and the bike lanes recently added on Cherry Street.
- The below exhibit shows the pavement marking plan for 12th Street between Grand Avenue and Martin Luther King Jr. Parkway.
 - Buffered bike lanes will be added on 12th Street between Martin Luther King Jr. Parkway and Mulberry Street. The existing dual left turn lanes at Martin Luther King Jr. Parkway were determined to be unnecessary based on traffic modeling and will become single left turn lanes.
 - Bike lanes will be added on 12th Street between Grand Avenue and Mulberry Street. In order to fit the new roadway configuration within the existing street width, nine (9) parking spaces will be removed on the west side of the block between Grand Avenue and Locust Street and eight (8) parking spaces will be removed on the west side of the block between Walnut Street and Mulberry Street.

12th Street Pavement Marking Plan





PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

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.

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