


COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	20-397	Meeting:	September 14, 2020
	Agenda Item:	7B	Roll Call:	20-1409
	Submitted by:	Benjamin R. Page, Park and Recreation Director and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: Bill Riley Trail Repair at the Iowa Interstate Railroad Bridge - Receiving bids, (10-06-20), and Setting date of hearing, (10-19-20). Construction Estimate - \$425,000.

SYNOPSIS:

Recommend the City Council proceed with 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 repair of the Bill Riley Trail Underpass at the Iowa Interstate Railroad Bridge which was damaged in a flood event.

FISCAL IMPACT:

Amount: \$425,000 City Engineer's Estimate

Funding Source: 2020-21 CIP, Page Parks - 15, Multi-Use Trails, PK045, Being: Anticipated FEMA funding

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City's Engineer's estimate for the construction of the Bill Riley Trail Repair at the Iowa Interstate Railroad Bridge, 11-2020-004. The improvement includes repairing the Bill Riley Trail at the Iowa Interstate Railroad Bridge including clearing and grubbing, bank grading and shaping, rip rap, steel sheet pile, 6-inch Portland Cement Concrete (PCC) pavement, chain link fence, seeding, erosion control, restoration and miscellaneous associated work including cleanup and other incidental items; all in accordance with the contract documents including Plan File Nos. 619-224/244, located in Water Works Park along the bank of Walnut Creek, in Des Moines, Iowa.
- The estimated construction cost is \$425,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

- The improvement includes the repair of the trail underpass including retaining wall construction, concrete trail paving, streambank armoring, and chain link fencing; all in accordance with the contract documents, including Plan File Nos. 619-224/244.
- This heavily utilized multi-use trail underpass is one (1) of the most frequently flooded areas in the City's trail system. Flood events at this site require quick response to close the trail and repairs are often costly. While the trail is flooded, users often illegally access the railroad corridor to bypass the flooded underpass posing a risk to themselves and railroad operators. The underpass is located approximately 0.6-miles south of the trailhead access point found at 100 45th Street, Des Moines, Iowa.
- The proposed improvements will raise the elevation of the underpass by approximately 18-inches, thus reducing the frequency of flood-related closures. The retaining wall and streambank armoring will protect the raised underpass providing long-term performance. Lastly, barrier fencing is being installed to deter illegal at-grade crossings in the railroad right-of-way during flood events.
- The proposed improvements are anticipated to begin construction in the late fall, early winter and be completed before summer 2021.

Site Location Map

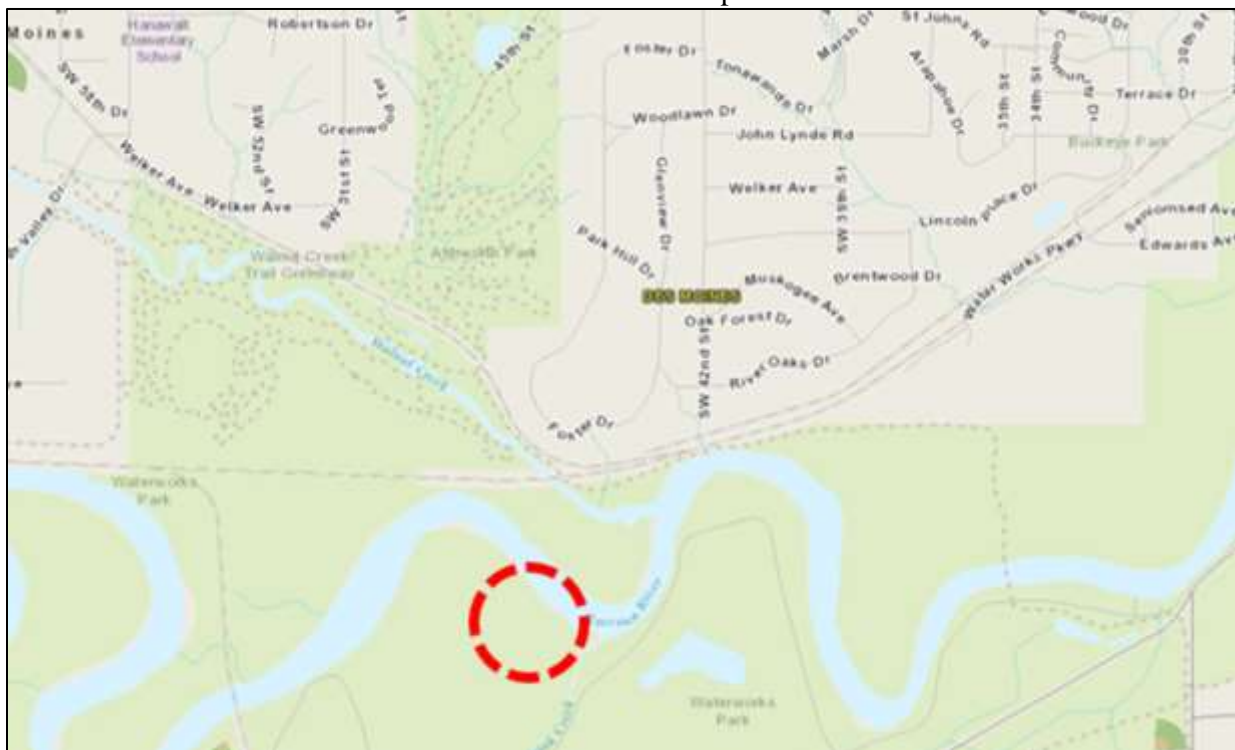


Photo of Underpass Damage Following 2019 Flood Event



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, approval of contract and bond, partial payments to the contractor, and final acceptance of work.

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