



City of Muscatine



AGENDA ITEM SUMMARY

DATE: 9/11/20

City Council

STAFF

Brian Stineman

SUBJECT

Dick Drake Railroad Crossing Supplemental Purchase Order

EXECUTIVE SUMMARY

At the August 20, 2020 City Council Meeting the council approved a purchase order to Muscatine Bridge for removal and replacement of the railroad crossing on Dick Drake Way to Muscatine Power and Water Unit 9 Generating Station. In order to make the proper pavement transition and to allow for proper drainage, more pavement than originally planned must be removed and replaced. This supplemental purchase order will cover the additional costs of \$27,054.16, and is available in the Road Use Tax budget for removal of the crossing.

STAFF RECOMMENDATION

Staff recommends issuing a purchase order to Muscatine Bridge in the amount of \$27,054.16 for the removal and replacement of 242 square yards of pavement to transition through the removed railroad crossing.

BACKGROUND/DISCUSSION

The original plan for this project was to remove the railroad crossing to the extent of the asphalt near the tracks and replace it with concrete. After issuing the purchase order to Muscatine Bridge their survey brought to our attention a pavement slope problem that will lead to drainage issues and hazardous conditions on the roadway if not corrected. The additional pavement removal and replacement will prevent issues unforeseen at the time of the original project conception.

CITY FINANCIAL IMPACT

Funds are available for this project from the Road Use Tax budgeted for removal of the crossing.

ATTACHMENTS

Muscatine Bridge Quote



P.O. Box 950
Muscatine, Iowa 52761-0016
Phone: 563.263.6032
Fax: 563.263.1521

Quotation

Owner: City of Muscatine
Public Works Facility
1459 Washington St.

Date: 9/11/20

Invoice #: 1003-Add

Project: RR Crossing PCC

Location: Industrial Connector Muscatine IA

Description
Quotation for additional work required to remove and replace pavement beyond initial layout due to existing profile issues.
All materials, forming, and equipment is already on-site to do the original quantity.
Going 1 panel farther West on the North lane and saw cutting square across, going 2 panels farther East on the South lane and cutting square across full depth. Removing all concrete paving between the two end cuts will add 242 sy of removal and replacement to the original quantity. Additional forming will be required on centerline due to the full width paving being done half lane.
Full depth sawing was completed Monday and will need to be re done tonight. I still need to have all demo completed and the road open for grain trucks by Sunday evening regardless of how much more is required. Without having a new profile created to compare I don't know how much additional subbase will be needed. I will estimate no more than a 3" of rock across the 242 sy.
We will need to place an additional 37 cy of temp rock then remove it. 37cy * \$34.00 = \$1258.00 Original quote for subbase was \$9.90/sy at 12" (242*9.90)/4 = \$600.16 Using the original bid unit prices for removal of pavement and 10" PCC for the additional 242 sy will add \$23,958.00 Additional overtime labor to complete re sawing and getting more material 6 mnhrs @ \$73.00 = \$438.00 Permanent lockout of track switch previously quoted but not in PO \$800.00

Comments: City to provide traffic control onsite for lane closure and alternating traffic. MBCo will maintain Pavement marking provided by City	Total Cost: \$27,054.16
	Requested Terms: <u>Net 30</u>
	Date Promised: <u>Start 9/12/20</u> Signed: <u>Pat Fox</u>