Legislation Details (With Text)

File #:	15-0159	**Version:**	1	**Name:**	3/16/15 - Fuller Road/Maiden Lane Bridges Rehabilitation
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File created:	3/16/2015			**In control:**	City Council
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Title: Resolution to Approve an Agreement with the Michigan Department of Transportation for the Fuller Road and Maiden Lane Bridges Rehabilitation Project ($2,499,000.00)

Sponsors:

Indexes:

Code sections:

Attachments: 1. maiden lane detour route - construction - 141121, 2. Fuller Maiden Lane City State Agreement, 3. 123008A_126043A-Rev1, 4. 123008A_126043A Plan Set (11x17)

Date	Ver.	Action By	Action	Result
3/16/2015	1	City Council	Approved	Pass

Resolution to Approve an Agreement with the Michigan Department of Transportation for the Fuller Road and Maiden Lane Bridges Rehabilitation Project ($2,499,000.00)
Attached for your review and approval, please find a resolution that approves an agreement between the Michigan Department of Transportation (MDOT) and the City of Ann Arbor for the construction phase of the Fuller Road and Maiden Lane Bridges Rehabilitation Project. The agreement defines the cost sharing of the construction, as well as each party's rights and responsibilities.

Budget/Fiscal Impact

The Engineer's Estimate for the project's construction is $1,722,227.00. The estimated total cost of the project is $2,499,000.00. In total, the City will be receiving about $1,600,201.00 in state and federal funds for this project. The state and federal funding will be used to fund participating construction expenses such as structural steel repairs, bridge painting, pin and hangar replacement, maintaining traffic, and other similar work items. The City will be funding its share of the construction costs and the design, construction engineering, and material testing costs. Funding for this project is available in the Street Resurfacing Millage Fund approved capital budget.

A breakdown of the project revenues are shown below:

Federal STPU Funds (FY15)	$ 700,000.00
Local Bridge Program Funds (FY15)	$ 900,200.00
Street Resurfacing Millage (Fund 0062)	$ 898,799.00
TOTAL	$2,499,000.00

The Fuller Road and Maiden Lane Bridges Rehabilitation Project consists of the rehabilitation of the two bridges. Work to be performed includes replacement of corroded steel diaphragms, replacement of the pin and hangars, removal and replacement of the expansion joints, hydrodemolition and

overlay of the concrete bridge decks, zone painting of the structural steel in the vicinity of bridge deck joints, repair of the bridge railings, guard rail upgrades where applicable, clearing and brush removal near the bridges, maintaining traffic and other related work. Note that, due to potential weather limitations associated with bridge painting (temperature and relative humidity), it may be necessary to perform some of the bridge painting during nighttime hours in order to comply with the project specifications. If this occurs, project staff will monitor the work to ensure that all applicable noise and environmental requirements are met.

The project will be constructed such that the Fuller Road bridge rehabilitation will be performed first. Once all work impacting vehicular and pedestrian traffic along Fuller Road is complete, then work will begin on the Maiden Lane bridge. Vehicular and pedestrian traffic on each bridge will not be simultaneously impacted. During construction on the Fuller Road bridge, one lane of traffic will be maintained in each direction along Fuller Road. While working on the first phase of the Maiden Lane bridge, it will be necessary to detour outbound Maiden Lane traffic. Attached, please find a copy of the planned detour route for the project. **Pedestrian and vehicular traffic to the University of Michigan Medical Center will be maintained at all times.** During the second phase of the Maiden Lane bridge rehabilitation, two lanes of traffic (one lane in each direction) will be maintained. City staff has coordinated the project's construction with the University of Michigan and the University Hospital System.

Consultant and City staff will be closely monitoring traffic along the detour route and will be evaluating its performance. Staff will be ready to make adjustments as needed in order to optimize the performance of the detour route. It is expected that traffic will adapt to the detour route and normalize in about two weeks; as is common on these types of projects.

Construction is expected to begin on, or after, May 4, 2015 and be completed in September of 2015. There will be brush clearing and tree removal activity (that will not impact vehicular or pedestrian traffic) being performed during the month of October 2015 due to state and federal requirements regarding Indiana and Long-eared bat habitat.

Bids for this project were received by MDOT in their March 2015 letting. Due to the timing of the project and the need to begin the project's construction this year, it is recommended that the City/State Agreement be approved at this time based on the estimated costs of the project.

The resolution also authorizes the City Administrator to approve the needed traffic control orders and night work authorizations in order to allow the work to proceed without delay.
Prepared by: Nicholas S. Hutchinson, P.E., City Engineer
Reviewed by: Craig Hupy, Public Services Area Administrator
Approved by: Steven D. Powers, City Administrator
Whereas, The Capital Improvements Plan contains project TR-BR-10-06, the Fuller Road and Maiden Lane Bridges Rehabilitation Project;

Whereas, Funding for this project is available in the approved Street Resurfacing Millage capital budget;

Whereas, The project will rehabilitate the Fuller Road and Maiden Lane bridges in order to cost-effectively extend their useful life and follow best asset management practices;

Whereas, The City of Ann Arbor will receive state and federal funding to in order to defray the

construction costs; and

Whereas, It is necessary to approve the cost sharing agreement with the Michigan Department of Transportation so that the project can proceed;

RESOLVED, That the Mayor and City Clerk be authorized and directed to execute this contract with the Michigan Department of Transportation for the Fuller Road and Maiden Lane Bridges Rehabilitation Project, substantially in the form on file with the City Clerk, following approval as to substance by the City Administrator, and approval as to form by the City Attorney;

RESOLVED, The City Administrator be authorized to approve the needed Traffic Control Orders and other similar administrative approvals to allow the work of the project to proceed without delay; and

RESOLVED, That Council authorize the City Administrator to take the necessary administrative actions to implement this resolution.

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