



CITY of NOVI CITY COUNCIL

Agenda Item F
April 24, 2017

SUBJECT: Adoption of Resolution requesting that the Michigan Department of Transportation (MDOT) include the bridges on Meadowbrook Road over Ingersol Creek, on Cranbrooke Drive over Ingersol Creek and on West Park Drive over the CSX railroad in the State Local Bridge Program List for Preventative Maintenance. If MDOT selects these bridges, the City of Novi will accept 5% of the total cost.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division GDM

CITY MANAGER APPROVAL:

BACKGROUND INFORMATION:

The City of Novi has retained OHM Advisors to complete the 2016 Annual Bridge Inspection of 10 city maintained bridges. OHM Advisors concluded that three bridges are in need of repair. The bridges are located on Meadowbrook Road over Ingersol Creek, on Cranbrooke Drive over Ingersol Creek, and on West Park Drive over the CSX Railroad (see Location Map). OHM Advisors recommends that the City of Novi pursue options to repair the bridges with Preventative Maintenance (PM) techniques to avoid more costly rehabilitation or reconstruction in the future.

The City of Novi owned bridges qualify as candidates for the Michigan Department of Transportation (MDOT) Local Bridge Program for PM. MDOT is currently accepting applications for the (FY 2020) Local Bridge Program which has an estimated \$48 million budget. OHM Advisors will submit applications to MDOT to include these bridges in the Local Bridge Program. If MDOT selects these bridges, the City will only be responsible for 5% of the total cost. Currently, the application includes bridge repair cost estimation sheets with a total estimated cost of \$345,000 including specific repair techniques and associated costs for each bridge (see Worksheets). The estimated cost for the City would be \$17,250.

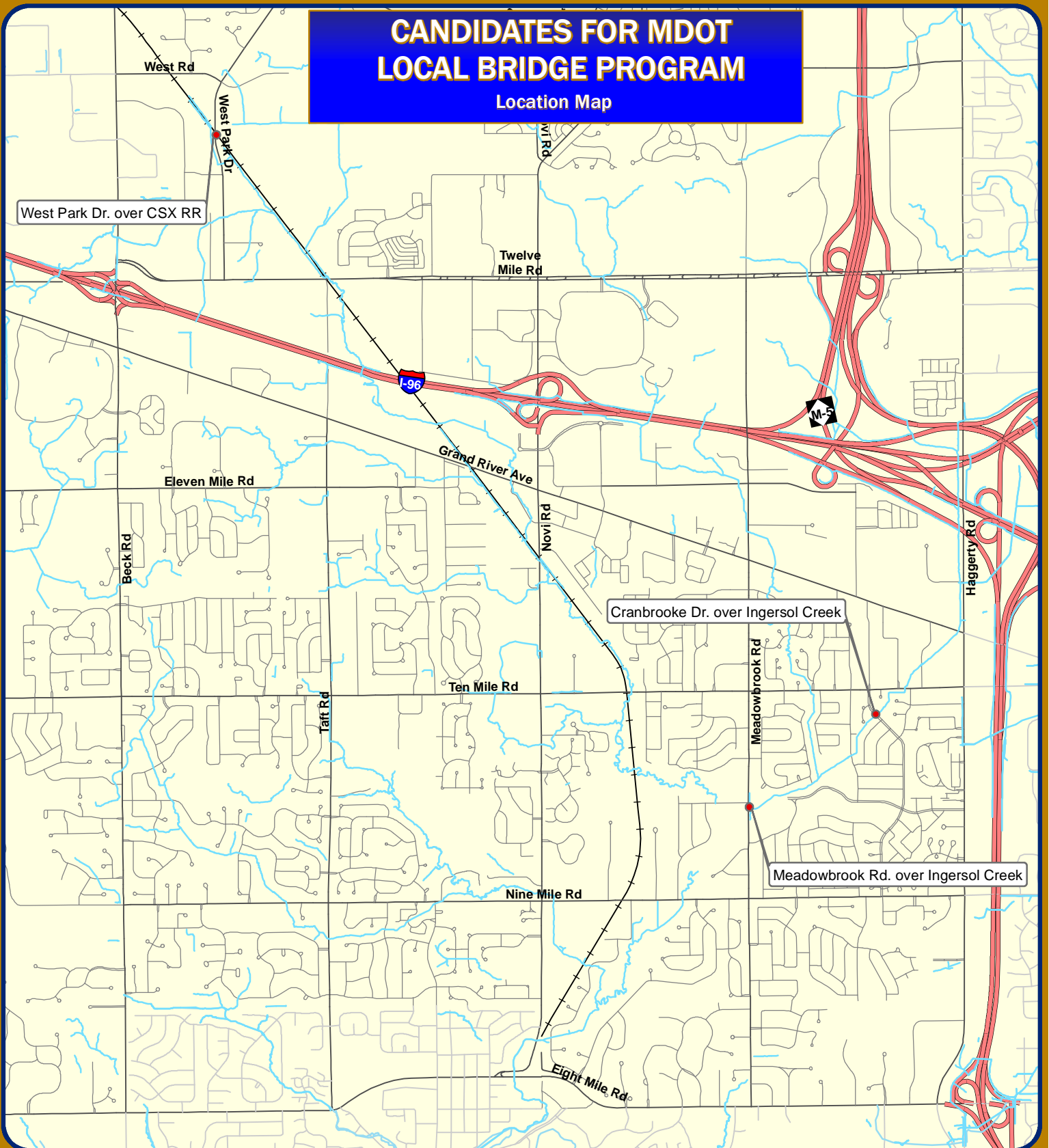
As part of the application process the applicant is required to provide a current resolution, signed and dated, from the governing board supporting the project. The adoption of the proposed resolution would demonstrate to MDOT that the City Council supports the PM of the three bridges and will do all that is reasonably necessary in order to accomplish the repair of the bridges. Any application not containing a signed resolution will be considered incomplete and rejected.

The City Attorney has reviewed the resolution and sees no legal impediment (Beth Saarela's Letter).

RECOMMENDED ACTION: Adoption of Resolution requesting that the Michigan Department of Transportation (MDOT) include the bridges on Meadowbrook Road over Ingersol Creek, on Cranbrooke Drive over Ingersol Creek and on West Park Drive over the CSX railroad in the State Local Bridge Program List for Preventative Maintenance. If MDOT selects these bridges, the City of Novi will accept 5% of the total cost.

CANDIDATES FOR MDOT LOCAL BRIDGE PROGRAM

Location Map



Map Author: J. Mathias
Date: 4/11/17

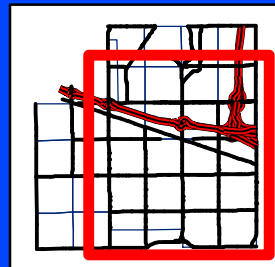
Amended By:
Date:
Department:

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

Map Legend

- Proposed Bridge PM



City of Novi
Engineering Division
Department of Public Services
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org



1 inch = 3,333 feet



Ingersol Creek

Exhibit 4 - Cost Estimating Worksheets

2017

LAP - BRIDGE COST ESTIMATE WORKSHEET
- CPM, REHAB, REPLACE -

REV. 12/14/2016

REGION: Metro FISCAL YEAR: 2020
 ENGINEER: DATE: 3/15/2017
 LOCATION: Meadowbrook Rd over **Courter Ditch** DECK AREA: 2,775 SFT STRUCTURE ID: 8246
 PRIMARY WORK ACTIVITY: Epoxy Overlay, Joint sealing, and Approach work DECK DIM: 62'x44.75' BRIDGE ID: B01-63448
 STR. TYPE: Multiple Box Beam

WORK ACTIVITY	QUANTITY	UNIT	UNIT COST	TOTAL
NEW BRIDGE				
Multiple Spans, Concrete (add demo & road approach & MOT)		SFT	\$220.00 /SFT	
Multiple Spans, Steel (as above)		SFT	\$245.00 /SFT	
Over Water or Single Span (add to replacement cost)		SFT	\$85.00 /SFT	
Precast 3-sided or 4-sided Culvert (add removal, roadway over, MOT)		SFT	\$400.00 /SFT	
Other				
NEW SUPERSTRUCTURE				
Concrete (incl. remove exist super, new railing; add MOT & approach)		SFT	\$140.00 /SFT	
Steel (as above)		SFT	\$190.00 /SFT	
Over Water (add to new superstructure cost)		SFT	\$40.00 /SFT	
Other				
WIDENING				
Added portion only, _____ ft of width (add road approach transition)		SFT	\$270.00 /SFT	
Other				
NEW DECK				
Includes remove exist deck & new railing (add traffic control & approach)		SFT	\$70.00 /SFT	
Other				
DEMOLITION				
Entire bridge, grade separation		SFT	\$32.00 /SFT	
Entire bridge, over water		SFT	\$42.00 /SFT	
Other				
SUPERSTRUCTURE REPAIR				
Concrete Deck Patch (includes hand chipping)		SFT	\$35.00 /SFT	
Full Depth Patch		SFT	\$100.00 /SFT	
HMA Cap (no membrane, add bridge rail if req'd)		SFT	\$1.50 /SFT	
HMA Overlay with WP membrane (add bridge rail if req'd)		SFT	\$5.50 /SFT	
Removal of Concrete Wearing Course (latex), Epoxy Ovly, or HMA Ovly		SFT	\$2.00 /SFT	
Healer Sealer		SYD	\$22.00 /SYD	
Epoxy Overlay	207.0	SYD	\$32.00 /SYD	\$6,624
Shallow Overlay (incl. joint repl & hydro; add bridge rail)		SFT	\$35.00 /SFT	
Deep Overlay (incl. joint repl & hydro; add bridge rail)		SFT	\$37.00 /SFT	
High Load Hit Repair (PCI Beam)		SFT	\$250.00 /SFT	
PCI Beam End Repair		EA	\$4,600.00 EA	
Repair Structural Steel (\$4900 bolted, \$7000 welded)		EA	\$6,000.00 EA	
Paint Structural Steel (incl. clean & coat)		SFT	\$20.00 /SFT	
Partial Painting (incl. clean & coat)		SFT	\$40.00 /SFT	
Pin & Hanger replacement (incl. temporary supports)		EA	\$7,000.00 EA	
Resealing Bridge Construction Joints (hot poured rubber)	90.0	FT	\$18.00 /FT	\$1,620
Other				
SUBSTRUCTURE REPAIR				
Pier repair (measured x 2) Replace if repair area > 30%		CFT	\$265.00 /CFT	
Pier repair over water (measured x 2)		CFT	\$300.00 /CFT	
Pier replacement		CFT	\$80.00 /CFT	
Abutment repair (measured x 2)		CFT	\$265.00 /CFT	
Temporary Supports for Substructure Repair		EA	\$1,800.00 EA	
Slope Protection repairs		SYD	\$140.00 /SYD	
Other				
MISCELLANEOUS				
Expansion or Construction Joints (includes removal)		FT	\$550.00 /FT	
Bridge Railing, remove and replace (\$250 Type 4, \$305 Aesthetic Parapet)		FT	\$280.00 /FT	
Thrie Beam Railing retrofit		FT	\$40.00 /FT	
Articulating Concrete Block System (ACB)		SYD	\$120.00 /SYD	
Scour Countermeasures		LSUM	LSUM	
Other				

STRUCTURE CONSTRUCTION BUDGET \$8,244

ROAD WORK	QUANTITY	UNIT	UNIT COST	TOTAL
Approach Pavement, 12" RC (add C & G, GR, Slope, Shldr.) 40' ea. end	360.0	SFT	\$16.00 /SFT	\$5,760
Approach Curb & Gutter (18' ea. quad.)		FT	\$50.00 /FT	
Guardrail Anchorage to Bridge (<40')		quads	\$1,600.00 /quad	
Guardrail, Type B or T (beyond GR anchorage to bridge, <200')		FT	\$22.00 /FT	
Guardrail Ending (end section)		EA	\$1,750.00 /EA	
Roadway Approach work (beyond approach pavement)		LSUM	LSUM	
Utilities		LSUM	LSUM	
Other (Sidewalk Remove and Replace)	22.0	SYD	\$64.00 /SYD	\$1,408
TRAFFIC CONTROL Unit Cost to be determined by Region or TSC Traffic & Safety				
Part Width Construction		LSUM	LSUM	
Crossovers		EA	\$300,000.00 EA	
Temporary Traffic Signals		set	\$25,000.00 /set	
RR Flagging		LSUM	LSUM	
Detour	1.0	LSUM	\$50,000.00 LSUM	\$50,000
Other		LSUM	LSUM	

RELATED ROAD/TRAFFIC CONSTRUCTION BUDGET \$57,168

CONTINGENCY (10% - 20%) (use higher contingency for small projects)	20	%	\$65,000.00	\$13,000
MOBILIZATION (estimate at 10%)	10	%	\$78,000.00	\$8,000
INFLATION (assume 3% per year, beginning in 2018)	9	%	\$86,000.00	\$8,000

(DOES NOT INCLUDE PE & CE)

TOTAL CONSTRUCTION BUDGET \$94,000

Ingersol Creek

Exhibit 4 - Cost Estimating Worksheets

2017

LAP - BRIDGE COST ESTIMATE WORKSHEET
- CPM, REHAB, REPLACE -

REV. 12/14/2016

REGION: **Metro** FISCAL YEAR: **2020** STRUCTURE ID: **8248**
 ENGINEER: DATE: 3/15/2017 BRIDGE ID: **B01-63548**
 LOCATION: Cranbrooke Dr over **Courter Ditch** DECK AREA: 3,192 SFT STR. TYPE: **Adjacent Double T**
 PRIMARY WORK ACTIVITY: Pavement Replacement, Joint sealing DECK DIM: 42'x76'

WORK ACTIVITY		QUANTITY	UNIT	UNIT COST	TOTAL
NEW BRIDGE					
Multiple Spans, Concrete	(add demo & road approach & MOT)		SFT	\$220.00 /SFT	
Multiple Spans, Steel	(as above)		SFT	\$245.00 /SFT	
Over Water or Single Span	(add to replacement cost)		SFT	\$85.00 /SFT	
Precast 3-sided or 4-sided Culvert	(add removal, roadway over, MOT)		SFT	\$400.00 /SFT	
Other					
NEW SUPERSTRUCTURE					
Concrete	(incl. remove exist super, new railing; add MOT & approach)		SFT	\$140.00 /SFT	
Steel	(as above)		SFT	\$190.00 /SFT	
Over Water	(add to new superstructure cost)		SFT	\$40.00 /SFT	
Other					
WIDENING					
Added portion only, _____ ft of width	(add road approach transition)		SFT	\$270.00 /SFT	
Other					
NEW DECK					
Includes remove exist deck & new railing	(add traffic control & approach)		SFT	\$70.00 /SFT	
Other					
DEMOLITION					
Entire bridge, grade separation			SFT	\$32.00 /SFT	
Entire bridge, over water			SFT	\$42.00 /SFT	
Other					
SUPERSTRUCTURE REPAIR					
Concrete Deck Patch	(includes hand chipping)	40.0	SFT	\$35.00 /SFT	\$1,400
Full Depth Patch			SFT	\$100.00 /SFT	
HMA Cap	(no membrane, add bridge rail if req'd)		SFT	\$1.50 /SFT	
HMA Overlay with WP membrane	(add bridge rail if req'd)		SFT	\$5.50 /SFT	
Removal of Concrete Wearing Course (latex), Epoxy Ovly, or HMA Ovly			SFT	\$2.00 /SFT	
Healer Sealer			SYD	\$22.00 /SYD	
Epoxy Overlay			SYD	\$32.00 /SYD	
Shallow Overlay	(incl. joint repl & hydro; add bridge rail)		SFT	\$35.00 /SFT	
Deep Overlay	(incl. joint repl & hydro; add bridge rail)		SFT	\$37.00 /SFT	
High Load Hit Repair	(PCI Beam)		SFT	\$250.00 /SFT	
PCI Beam End Repair			EA	\$4,600.00 EA	
Repair Structural Steel	(\$4900 bolted, \$7000 welded)		EA	\$6,000.00 EA	
Paint Structural Steel	(incl. clean & coat)		SFT	\$20.00 /SFT	
Partial Painting	(incl. clean & coat)		SFT	\$40.00 /SFT	
Pin & Hanger replacement	(incl. temporary supports)		EA	\$7,000.00 EA	
Resealing Bridge Construction Joints	(hot poured rubber)	40.0	FT	\$18.00 /FT	\$720
Waterproofing membrane		1,722.0	SFT	\$4.00 /SFT	\$6,888
SUBSTRUCTURE REPAIR					
Pier repair	(measured x 2) Replace if repair area > 30%		CFT	\$265.00 /CFT	
Pier repair over water	(measured x 2)		CFT	\$300.00 /CFT	
Pier replacement			CFT	\$80.00 /CFT	
Abutment repair	(measured x 2)		CFT	\$265.00 /CFT	
Temporary Supports for Substructure Repair			EA	\$1,800.00 EA	
Slope Protection repairs			SYD	\$140.00 /SYD	
Other					
MISCELLANEOUS					
Expansion or Construction Joints	(includes removal)		FT	\$550.00 /FT	
Bridge Railing, remove and replace	(\$250 Type 4, \$305 Aesthetic Parapet)		FT	\$280.00 /FT	
Thrie Beam Railing retrofit			FT	\$40.00 /FT	
Articulating Concrete Block System (ACB)			SYD	\$120.00 /SYD	
Scour Countermeasures			LSUM	LSUM	
Other			FT	\$18.00 /FT	

STRUCTURE CONSTRUCTION BUDGET \$9,008

ROAD WORK					
Approach Pavement, 12" RC	(add C & G, GR, Slope, Shldr.) 40' ea. end	840.0	SFT	\$16.00 /SFT	\$13,440
Approach Curb & Gutter	(18' ea. quad.)		FT	\$50.00 /FT	
Guardrail Anchorage to Bridge	(<40')		quads	\$1,600.00 /quad	
Guardrail, Type B or T	(beyond GR anchorage to bridge, <200')		FT	\$22.00 /FT	
Guardrail Ending	(end section)		EA	\$1,750.00 /EA	
Roadway Approach work	(beyond approach pavement)		LSUM	LSUM	
Sidewalk in median		882.0	SFT	\$10.00 /SFT	\$8,820
Sealing pavement joints	(includes pavement joints and median pavement)	228.0	FT	\$18.00 /FT	\$4,104

TRAFFIC CONTROL <i>Unit Cost to be determined by Region or TSC Traffic & Safety</i>					
Part Width Construction			LSUM	LSUM	
Crossovers			EA	\$300,000.00 EA	
Temporary Traffic Signals			set	\$25,000.00 /set	
RR Flagging			LSUM	LSUM	
Detour		1.0	LSUM	\$30,000.00 LSUM	\$30,000
Other			LSUM	LSUM	

RELATED ROAD/TRAFFIC CONSTRUCTION BUDGET \$56,364

CONTINGENCY	(10% - 20%) (use higher contingency for small projects)	20	%	\$65,000.00	\$13,000
MOBILIZATION	(estimate at 10%)	10	%	\$78,000.00	\$8,000
INFLATION	(assume 3% per year, beginning in 2018)	9	%	\$86,000.00	\$8,000

(DOES NOT INCLUDE PE & CE)

TOTAL CONSTRUCTION BUDGET \$94,000

Exhibit 4 - Cost Estimating Worksheets

2017

**LAP - BRIDGE COST ESTIMATE WORKSHEET
- CPM, REHAB, REPLACE -**

REV. 12/14/2016

REGION: **Metro** FISCAL YEAR: **2020** STRUCTURE ID: **12769**
 ENGINEER: DATE: 3/15/2017 BRIDGE ID: **R01-63448**
 LOCATION: W. Park Dr over CSX Railroad DECK AREA: 8,987 SFT STR. TYPE: Adjacent Box Beam
 PRIMARY WORK ACTIVITY: Epoxy Overlay, Barrier Repair, Approach Work DECK DIM: 151.25' x 59.42'

<u>WORK ACTIVITY</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT COST</u>	<u>TOTAL</u>
NEW BRIDGE				
Multiple Spans, Concrete (add demo & road approach & MOT)		SFT	\$220.00 /SFT	
Multiple Spans, Steel (as above)		SFT	\$245.00 /SFT	
Over Water or Single Span (add to replacement cost)		SFT	\$85.00 /SFT	
Precast 3-sided or 4-sided Culvert (add removal, roadway over, MOT)		SFT	\$400.00 /SFT	
Other				
NEW SUPERSTRUCTURE				
Concrete (incl. remove exist super, new railing; add MOT & approach)		SFT	\$140.00 /SFT	
Steel (as above)		SFT	\$190.00 /SFT	
Over Water (add to new superstructure cost)		SFT	\$40.00 /SFT	
Other				
WIDENING				
Added portion only. _____ ft of width (add road approach transition)		SFT	\$270.00 /SFT	
Other				
NEW DECK				
Includes remove exist deck & new railing (add traffic control & approach)		SFT	\$70.00 /SFT	
Other				
DEMOLITION				
Entire bridge, grade separation		SFT	\$32.00 /SFT	
Entire bridge, over water		SFT	\$42.00 /SFT	
Other				
SUPERSTRUCTURE REPAIR				
Concrete Deck Patch (includes hand chipping)		SFT	\$35.00 /SFT	
Full Depth Patch		SFT	\$100.00 /SFT	
HMA Cap (no membrane, add bridge rail if req'd)		SFT	\$1.50 /SFT	
HMA Overlay with WP membrane (add bridge rail if req'd)		SFT	\$5.50 /SFT	
Removal of Concrete Wearing Course (latex), Epoxy Ovly, or HMA Ovly		SFT	\$2.00 /SFT	
Healer Sealer		SYD	\$22.00 /SYD	
Epoxy Overlay	710.0	SYD	\$32.00 /SYD	\$22,720
Shallow Overlay (incl. joint repl & hydro; add bridge rail)		SFT	\$35.00 /SFT	
Deep Overlay (incl. joint repl & hydro; add bridge rail)		SFT	\$37.00 /SFT	
High Load Hit Repair (PCI Beam)		SFT	\$250.00 /SFT	
PCI Beam End Repair		EA	\$4,600.00 EA	
Repair Structural Steel (\$4900 bolted, \$7000 welded)		EA	\$6,000.00 EA	
Paint Structural Steel (incl. clean & coat)		SFT	\$20.00 /SFT	
Partial Painting (incl. clean & coat)		SFT	\$40.00 /SFT	
Pin & Hanger replacement (incl. temporary supports)		EA	\$7,000.00 EA	
Resealing Bridge Construction Joints (hot poured rubber)	198.0	FT	\$18.00 /FT	\$3,564
Other				
SUBSTRUCTURE REPAIR				
Pier repair (measured x 2) Replace if repair area > 30%	12.0	CFT	\$265.00 /CFT	\$3,180
Pier repair over water (measured x 2)		CFT	\$300.00 /CFT	
Pier replacement		CFT	\$80.00 /CFT	
Abutment repair (measured x 2)		CFT	\$265.00 /CFT	
Temporary Supports for Substructure Repair		EA	\$1,800.00 EA	
Slope Protection repairs		SYD	\$140.00 /SYD	
Other				
MISCELLANEOUS				
Expansion or Construction Joints (includes removal)		FT	\$550.00 /FT	
Bridge Railing, remove and replace (\$250 Type 4, \$305 Aesthetic Parapet)		FT	\$280.00 /FT	
Thrie Beam Railing retrofit		FT	\$40.00 /FT	
Articulating Concrete Block System (ACB)		SYD	\$120.00 /SYD	
Scour Countermeasures		LSUM	LSUM	
Other (railing repair)	4.0	CFT	\$265.00 /CFT	\$1,060

STRUCTURE CONSTRUCTION BUDGET \$30,524

<u>ROAD WORK</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT COST</u>	<u>TOTAL</u>
Approach Pavement, 12" RC (add C & G, GR, Slope, Shldr.) 40' ea. end		SFT	\$16.00 /SFT	
Approach Curb & Gutter (18' ea. quad.)		FT	\$50.00 /FT	
Guardrail Anchorage to Bridge (<40')	2.0	quads	\$1,600.00 /quad	\$3,200
Guardrail, Type B or T (beyond GR anchorage to bridge, <200')		FT	\$22.00 /FT	
Guardrail Ending (end section)		EA	\$1,750.00 /EA	
Roadway Approach work (beyond approach pavement)		LSUM	LSUM	
Utilities		LSUM	LSUM	
Approach Patching	10.0	SFT	\$200.00 /SFT	\$2,000
Other (Sidewalk Rem and Replace)	32.0	SYD	\$90.00 /SYD	\$2,880

<u>TRAFFIC CONTROL</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT COST</u>	<u>TOTAL</u>
<i>Unit Cost to be determined by Region or TSC Traffic & Safety</i>				
Part Width Construction		LSUM	LSUM	
Crossovers		EA	\$300,000.00 EA	
Temporary Traffic Signals		set	\$25,000.00 /set	
RR Flagging	1.0	LSUM	\$20,000.00 LSUM	\$20,000
Detour	1.0	LSUM	\$50,000.00 LSUM	\$50,000
Other		LSUM	LSUM	

RELATED ROAD/TRAFFIC CONSTRUCTION BUDGET \$78,080

CONTINGENCY	(10% - 20%) (use higher contingency for small projects)	20	%	\$109,000.00	\$22,000
MOBILIZATION	(estimate at 10%)	10	%	\$131,000.00	\$13,000
INFLATION	(assume 3% per year, beginning in 2018)	9	%	\$144,000.00	\$13,000

(DOES NOT INCLUDE PE & CE)

TOTAL CONSTRUCTION BUDGET \$157,000



JOHNSON ROSATI SCHULTZ JOPPICH PC

27555 Executive Drive Suite 250 ~ Farmington Hills, Michigan 48331
Phone: 248.489.4100 | Fax: 248.489.1726

Elizabeth Kudla Saarela
esaarela@jrsjlaw.com

www.jrsjlaw.com

April 12, 2017

George D. Melistas, Engineering Senior Manager
CITY OF NOVI
Department of Public Services
Field Services Complex
26300 Lee BeGole Drive
Novi, MI 48375

Re: Michigan Department of Transportation (MDOT) Local Bridge Program

Dear Mr. Melistas:

We have received and reviewed the proposed Resolution Requesting that the Michigan Department of Transportation Include the Bridges on Meadowbrook Road Over Ingersol Creek, on Cranbrooke Drive over Ingersol Creek, and on West Park Drive over the CSX Railroad in the State Local Bridge Program List for Preventative Maintenance. The Resolution is for the purpose of authorizing the City's Engineering Consultant to submit an application on behalf of the City to participate in MDOT's Local Bridge Program. The Resolution authorizes the City to commit toward payment of 5% of the cost of the preventative maintenance costs for the three named bridges. It is our understanding that the Resolution is required for MDOT to consider the City's Application for program participation. We see no legal impediment to approval of the Resolution as proposed.

If you have any questions regarding the above, please do not hesitate to contact me.

Very truly yours,

JOHNSON, ROSATI, SCHULTZ & JOPPICH, P.C.



Elizabeth Kudla Saarela

EKS
Enclosure

George Melistas, Senior Engineering Manager

April 12, 2017

Page 2

C: Cortney Hanson, Clerk (w/Enclosure)
Aaron Staup, Construction Engineer (w/Enclosure)
Joey Mathias, Graduate Engineer (w/Enclosure)
Thomas R. Schultz, Esquire (w/Enclosure)

CITY OF NOVI

COUNTY OF OAKLAND, MICHIGAN

RESOLUTION REQUESTING THAT THE MICHIGAN DEPARTMENT OF TRANSPORTATION INCLUDE THE BRIDGES ON MEADOWBROOK ROAD OVER INGERSOL CREEK, ON CRANBROOKE DRIVE OVER INGERSOL CREEK AND ON WEST PARK DRIVE OVER THE CSX RAILROAD IN THE STATE LOCAL BRIDGE PROGRAM LIST FOR PREVENTATIVE MAINTENANCE

Minutes of a Meeting of the City Council of the City of Novi, County of Oakland, Michigan, held in the City Hall of said City on April 24, 2017, at 7 o'clock P.M. Prevailing Eastern Time.

PRESENT: Councilmembers _____

ABSENT: Councilmembers _____

The following preamble and Resolution were offered by Councilmember _____ and supported by Councilmember _____.

WHEREAS ; OHM Advisors, Consulting Engineers for the City of Novi, completed the 2016 annual inspection of ten bridges in the City, three of which were the bridges on Meadowbrook Road over Ingersol Creek, Cranbrooke Drive over Ingersol Creek and West Park Drive over the CSX railroad; and

WHEREAS ; based on the inspections, the Consulting Engineers prepared a 2016 Bridge Inspection Report; and

WHEREAS ; the 2016 Bridge Inspection Report notes that the bridges on Meadowbrook Road over Ingersol Creek, Cranbrooke Drive over Ingersol Creek and West Park Drive over the CSX railroad are in need of preventative maintenance; and

WHEREAS ; based on the findings and recommendations of OHM Advisors, the Interim DPS Director recommends that City Council authorize OHM Advisors to submit the LAP Bridge Applications to the Michigan Department of Transportation for the following bridges: Meadowbrook Road over Ingersol Creek, Cranbrooke Drive over Ingersol Creek and West Park Drive over the CSX railroad on the Local Bridge Program for Preventative Maintenance funding; and

WHEREAS ; the City of Novi's cost participation amount would be 5% of the total cost; and

WHEREAS ; the Mayor and City Clerk are authorized to execute said resolution.

NOW THEREFORE, IT IS THEREFORE RESOLVED that the City of Novi is actively seeking financial participation to repair the bridges carrying Meadowbrook Road over Ingersol Creek, Cranbrooke Drive over Ingersol Creek and West Park Drive over the CSX railroad and authorizes OHM Advisors to submit the LAP Bridge applications to the Michigan Department of Transportation to include these bridges on the State Local Bridge Program List for Preventative Maintenance, to make application for financial assistance from the State of Michigan and Federal Government and to do those things reasonably necessary or required in order to accomplish the repair of these bridges.

AYES:

NAYS:

RESOLUTION DECLARED ADOPTED.

Cortney Hanson, City Clerk

CERTIFICATION

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi, County of Oakland, and State of Michigan, at a regular meeting held this _____ day of _____, 2017, and that public notice of said meeting was given pursuant to and in full compliance with Act No. 267, Public Acts of Michigan, 1976, and that the minutes of said meeting have been kept and made available to the public as required by said Act.

Cortney Hanson, City Clerk
City of Novi