



CITY of NOVI CITY COUNCIL

Agenda Item K
July 27, 2015

SUBJECT: Approval of Change Order No. 4 to Commerce Construction for the Haggerty Road Lane Gap project in the amount of \$32,766.63 to make drainage improvements and remove a section of the existing boulevard island at Shorebrooke to improve traffic safety; and approval of a resolution authorizing the allocation of an additional \$33,000 for this budget line item from the Municipal Street Fund.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *BTC RA*

CITY MANAGER APPROVAL:

EXPENDITURE REQUIRED	\$ 32,766.63
AMOUNT BUDGETED	\$ 0 (FY15-16) \$3,500 (Remaining FY14-15)
APPROPRIATION REQUIRED	\$ 33,000 (From Municipal Street Fund Balance)
LINE ITEM NUMBER	204-204.00-865.656

BACKGROUND INFORMATION:

This project added a right lane to fill a 700-foot long lane drop on southbound Haggerty, south of Ten Mile Road. A lane drop occurs when one through lane is merged into another. There were several other lane drops along Haggerty Road that have been addressed over the past few years, and this specific location was the last remaining lane drop. The work on this section of Haggerty Road is now open to traffic.

Once the project was open to traffic, the need for some additional work in the area became apparent. As shown in the attached photo, there is an area of standing water near the intersection of Shorebrooke that should be addressed to prevent standing water in the travel lane in the future. Additionally, the end of the boulevard island for Shorebrooke should be removed to better meet the standard setback of 12 feet. The additional work would cost \$32,766.63 and would be issued as Change Order No. 4, if approved. The cost of the additional work was reviewed against the existing unit prices in the contract and similar unit prices in other contracts and is recommended for approval by staff.

Three change orders have been previously approved administratively for this project:

- Change Order 1 in the amount of \$14,735 provided for erosion control stabilization for unanticipated early construction shutdown for the season. (The project was originally scheduled for completion in fall 2014, but was only started in the fall and carried over the winter for spring completion due to early cold temperatures in the fall).
- Change Order 2 in the amount of \$12,601.37 was issued to address additional pavement deterioration that occurred over the winter as directed by Road

Commission for Oakland County. This direction by the Road Commission required the City to develop a temporary traffic shift complete with signage, barrels and striping which were not a part of the original plan. This change order increased the contract by \$12,601.37.

- Change Order 3 in the amount of \$3,843.70 is a result of additional pavement markings needed for Change Order 2 above.

Change Order 4 as described above would be in the amount of \$32,766.63 and will require a budget amendment to allocate additional funds to this project. Staff proposes that the additional funds be allocated from the fund balance in Municipal Street Fund. If approved, work will be completed yet this summer. The fund balance in Municipal Street Fund would be reduced by 51.2% to \$800,991, or 10% of budgeted expenditures as a result of all budget amendment requests on this agenda and proposed future budget amendment requests (see attached budget summary).

The construction will be scheduled shortly after the work is approved yet this season. This additional will be the final component of this project.

RECOMMENDED ACTION: Approval of Change Order No. 4 to Commerce Construction, Inc. for the Haggerty Road Widening (between Stonehenge and Shorebrook Drives) project in the amount of \$32,766.63.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Markham				

	1	2	Y	N
Council Member Mutch				
Council Member Poupard				
Council Member Wrobel				

RESOLUTION

NOW, THEREFORE BE IT RESOLVED that the following Budget Amendment for the Haggerty Road Lane Gap Project is authorized:

	INCREASE (DECREASE)
MUNICIPAL STREET FUND	
APPROPRIATIONS	
Capital Outlay	33,000
TOTAL APPROPRIATIONS	<u>\$ 33,000</u>
Net Increase (Decrease) to Fund Balance	<u><u>\$ (33,000)</u></u>

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 at a regular meeting held on July 27, 2015

Maryanne Cornelius
City Clerk

MUNICIPAL STREET FUND

Projected Ending Fund Balance, June 30, 2014		\$ 728,680
Favorable variance, including rollover items		<u>3,200,429</u>
Beginning Fund Balance, July 1, 2014		\$ 3,929,109
2015-4 Amended Revenue as of Council Meeting 06/08/2015	5,583,367	
2015-4 4th QTR Budget Amendment	<u>5,700</u>	
Amended Revenue as of Council Meeting 06/22/2015		5,589,067
2015-4 Amended Expenditures as of Council Meeting 06/08/2015	5,610,978	
2015-4 4th QTR Budget Amendment	<u>291,820</u>	
Amended Expenditures as of Council Meeting 06/22/2015		<u>5,902,798</u>
Revenues over (under) Expenditures		<u>(313,731)</u>
Estimated Ending Fund Balance, June 30, 2015		<u>\$ 3,615,378</u>

Estimated Ending Fund Balance, June 30, 2015, as a % of budgeted expenditures :	61.2%
--	--------------

Estimated Ending Fund Balance, June 30, 2015		\$ 3,615,378
Revenues		
Adopted FY 2015-16 Revenues		5,167,755
Expenditures		
Adopted FY 2015-16 Expenditures		6,884,687
11 Mile Road Pathways (Town Center to Meadowbrook) Project - construction		116,000
11 Mile Road Pathways (Town Center to Meadowbrook) Project - engineering		18,000
Haggerty Road Lane Gap Project		33,000
Proposed Amendment - Contingency		180,455
Proposed Amendment - Contingency (Transfer to Major Street Fund)		<u>750,000</u>
Revenues over (under) Expenditures		<u>(2,814,387)</u>
Estimated Ending Fund Balance, June 30, 2016		<u>\$ 800,991</u>

Estimated Ending Fund Balance, June 30, 2016, as a % of budgeted expenditures :	10.0%
--	--------------

Reduction to Fund Balance	51.2%
---------------------------	-------



Area of Ponding Water

Nose of boulevard island adjacent to travel lane



WORK CHANGE DIRECTIVE No. 4

Project: **Haggerty Road Widening**

Owner: City of Novi
26300 Lee BeGole Dr.
Novi, Michigan 48375
(248) 735-5632

Engineer: URS Corporation
27777 Franklin Road, Suite 2000
Southfield, Michigan 48034
(248) 204-5900

Contractor: Commerce Construction, Inc.
555 Golden Oaks Court
Milford, Michigan 48380
(248) 685-9476

Drafted Date: June 25, 2015

Reasoning: The island at Shorebrook Drive needs to be moved away from the edge of metal. These are the costs associated with performing this work.

Existing Contract Items

Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contract Price	
						Add	Deduct
0		Inspection "Crew Days"	CD	\$640.00	6.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15		Aggregate Base, 21AA Limes	CYD	\$40.00	13	\$520.00	
20		HMA, 4C	TON	\$97.85	3	\$293.55	
21		HMA, 3C	TON	\$94.76	8	\$758.08	
23		Shoulder Gutter, Conc, Detail	EA	\$1,287.00	1	\$1,287.00	
24		Spillway, Conc	FT	\$260.00	5	\$1,300.00	
Subtotals						\$4,158.63	\$0.00
Total						\$4,158.63	

Accepted By: Conrad R. Yarsels
Commerce Construction, Inc.

Date: 6-26-15

Prepared By: M. J. [Signature]
URS Corporation

Date: 6-29-15

Reviewed By: B. L. [Signature]
Brian Coburn, P.E., Engineering Manager

Date: 6/30/15

Approved By: [Signature]
Rob Hayes, P.E., Dir of Public Services/City Engineer

Date: 6/30/15

and

Approved By: _____
Sue Moranti, Purchasing Manager

Date: _____



CHANGE ORDER No. 4

Project: Haggerty Road Widening

Owner: City of Novi
26300 Lee BeGole Dr.
Novi, Michigan 48375
(248) 735-6632

Engineer: URS Corporation
27777 Franklin Road, Suite 2000
Southfield, Michigan 48034
(248) 204-5900

Contractor: Commerce Construction, Inc.
555 Golden Oaks Court
Milford, Michigan 48380
(248) 685-9476

Drafted Date: June 25, 2015

Description/Reasoning: See WCD #4

To the Contractor: You are hereby directed to comply with the changes to the contract documents. This change order reflects work completed or anticipated. Documentation supporting these changes are on file with the City of Novi's Engineer. Current project plans and specifications will be adhered to unless specifically changed by this change order document.

THE CONTRACT AMOUNT SHALL BE CHANGED BY THE SUM OF:	\$32,766.63
ORIGINAL CONTRACT AMOUNT:	\$141,049.84
SUM OF PREVIOUS APPROVED CHANGE ORDERS:	\$31,180.07
REVISED CONTRACT AMOUNT:	\$204,996.54

Where applicable, attach the corresponding number of Work Change Directive to this Change Order.

THE CHANGES ADDRESSED BY THIS CHANGE ORDER HEREBY ADJUSTS THE CREW DAY TIME BY: Day(s) ADD: DEDUCT:

THE CHANGES ADDRESSED BY THIS CHANGE ORDER HEREBY ADJUSTS THE CONTRACT TIME BY: Day(s)

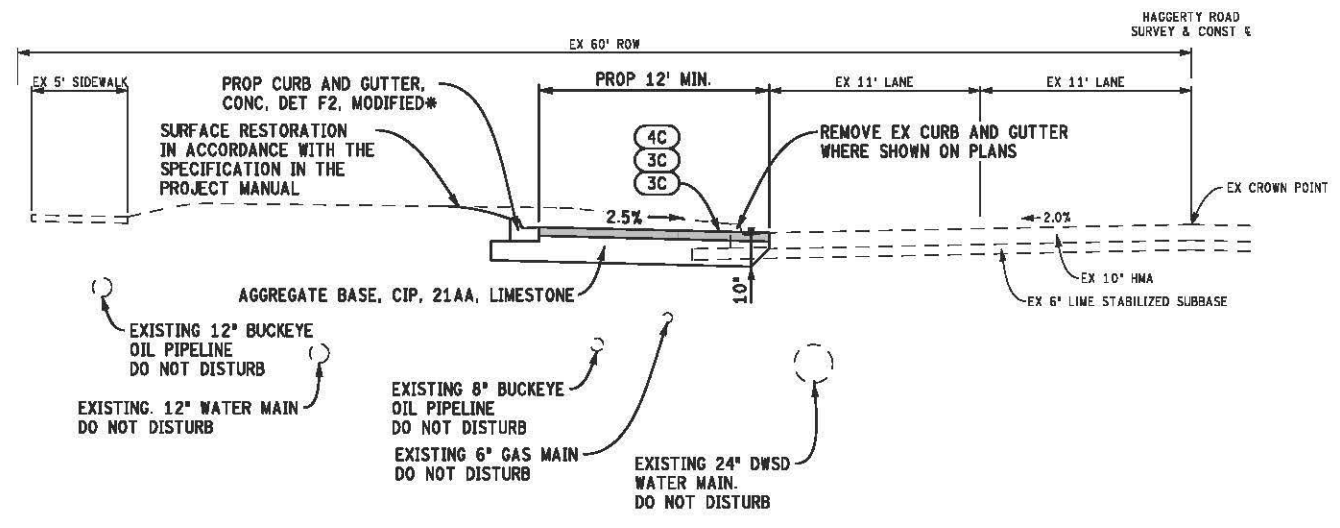
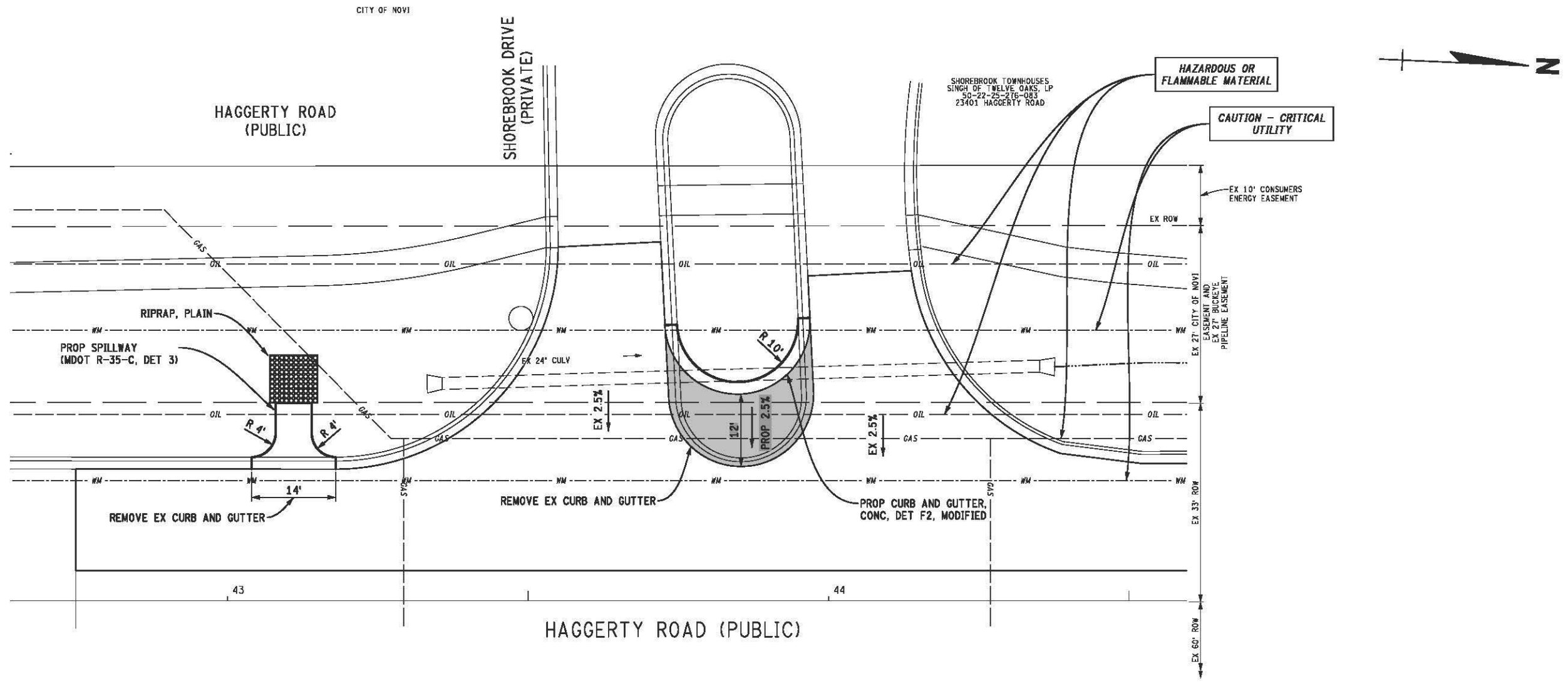
Accepted By: *Dennis R. Upick* Date: 6-26-15
Commerce Construction, Inc.

Prepared By: *M. J. [Signature]* Date: 6-29-15
URS Corporation

Reviewed By: *B. L. [Signature]* Date: 6/30/15
Brian Coburn, P.E., Engineer Manager

Approved By: *R. H. [Signature]* Date: 6/30/15
Rob Hayes, P.E., Dir of Public Services/City Engineer

and
Approved By: _____ Date: _____
Sue Morianti, Purchasing Manager



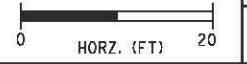
PROPOSED TYPICAL SECTION
TO APPLY TO:
HAGGERTY ROAD AT
STONEBRIDGE DRIVE ISLAND

*MODIFY CURB AND GUTTER TO SPILL OUT

HMA APPLICATION ESTIMATE

IDENT NO.	ITEM	RATE LBS PER SYD	PERFORMANCE GRADE	REMARKS
4C	HMA, 4C (AWI = 260)	165	64-28	TOP COURSE
3C	HMA, 3C	220	64-28	LEVELING AND BASE COURSES
	* BOND COAT	0.05-0.15 GAL		

*FOR INFORMATION ONLY



FILE: 44356-HAG-4050.DGN

AUTH	DATE	REVISION

URS
Surface Transportation
Grand Rapids, Southeast
Livestock City



HAGGERTY ROAD WIDENING-SHOREBROOK DR TO STONEHENGE BLVD
CONSTRUCTION SHEET - STONEBRIDGE DRIVE ISLAND

JOB
44356

DATE
6/9/2015

SHEET
1