



**CITY OF NOVI CITY COUNCIL  
AUGUST 30, 2021**

**SUBJECT:** Consideration of Approval of Change Order No. 2 to Fonson Company, Inc. for the Martin Avenue Storm Sewer Improvements project to the Lee BeGole Headwall, Bishop Creek Streambank Stabilization, and Meadowbrook Road Sidewalk contract, in the amount of \$386,068 and amend the budget.

**SUBMITTING DEPARTMENT:** Department of Public Works, Engineering Division

<b>EXPENDITURE REQUIRED</b>	<b>\$ 386,068</b>
<b>AMOUNT BUDGETED</b>	<b>\$ 20,000</b>
<b>APPROPRIATION REQUIRED</b>	<b>\$ 513,850</b>
<b>LINE ITEM NUMBER</b>	<b>210-211.00-865.241</b>

**BACKGROUND INFORMATION:**

At the City Council Meeting on July 12, 2021 staff was directed to address ongoing storm drainage issues on Martin Avenue and the adjacent neighborhood along Linhart Street and Wainwright Street.

The Martin Avenue storm drain pipe currently collecting drainage is undersized (15") and the area has been impacted by new development to the west (Lakeview). Runoff from the Lakeview Development has exasperated current poor conditions and upsizing the drain pipe is recommended by staff. Lakeview has been directed to install corrective measures to keep the runoff on site and to manage drainage per the approved site plan.

The significant rainfall event of June 25, 2021 contributed to flooding reported by residents, and staff responded by engaging OHM-Advisors to scope a project to upsize the Martin Avenue pipe. Design work thus far by OHM-Advisors was executed via a purchase order amendment to the existing Lee BeGole Headwall, Bishop Creek Streambank Stabilization, and Meadowbrook Road Sidewalk project. OHM has worked with staff and the contractor, Fonson Company, Inc., to design and estimate units prices for the attached change order for construction of a new storm drain system.

Since the last City Council Meeting, it was determined that upsizing the pipe would conflict with existing sanitary sewer pipe (east) and water main (west) on both sides of Martin Avenue; therefore, the storm pipe will have to be relocated in the road and the road will also have to be reconstructed. Due to material sourcing the storm drain work is expected to start at the end of September/start of October and be completed this fall.

To keep the project moving, the work associated with the road reconstruction can be included in the 2021 Neighborhood Road Program – Asphalt Streets contract as an addition executed at a later date. Since the road work will likely not be completed until spring (contractor bandwidth), staff recommends adding the Wainwright Street, Linhart Street, and Paramount Street to the paving to capitalize on unit prices and efficiency. These streets were all being considered for repaving after the Lakeview Development was substantially complete, so utilizing the effort and mobilization required for this project makes sense.

The contract administration and geotechnical engineering services related to this project change order will be granted to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

<b>OHM-Advisors</b>			
Martin Avenue Storm Sewer Improvements	Contract Administration	6.75% of the construction contract (\$386,068 x 6.75%)	\$ 26,059.59
	Crew Days	\$700 daily inspection fee x 20 days	\$ 14,000.00
<b>Testing Engineers &amp; Consultants, Inc. (TEC)</b>			
Martin Avenue Storm Sewer Improvements	Material Testing Services	2.0% of the construction contract (\$368,068 x 2.0%)	\$ 7,721.36

**RECOMMENDED ACTION:** Approval of Change Order No. 2 to Fonson Company, Inc. for the Martin Avenue Storm Sewer Improvements project to the Lee BeGole Headwall, Bishop Creek Streambank Stabilization, and Meadowbrook Road Sidewalk contract, in the amount of \$386,068 and amend the budget.

**RESOLUTION**

NOW, THEREFORE BE IT RESOLVED that the following Budget Amendment for Change Order No. 2 to Fonson Company, Inc. for the Martin Avenue Storm Sewer Improvements project is authorized:

	<b>INCREASE (DECREASE)</b>
<b>DRAIN FUND</b>	
<b>APPROPRIATIONS</b>	
Capital Outlay	513,850
<b>TOTAL APPROPRIATIONS</b>	<u>\$ 513,850</u>
<b>Net Increase (Decrease) to Fund Balance</b>	<u><u>\$ (513,850)</u></u>

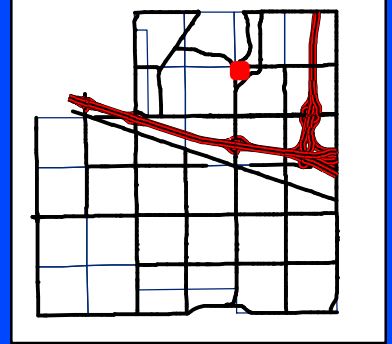
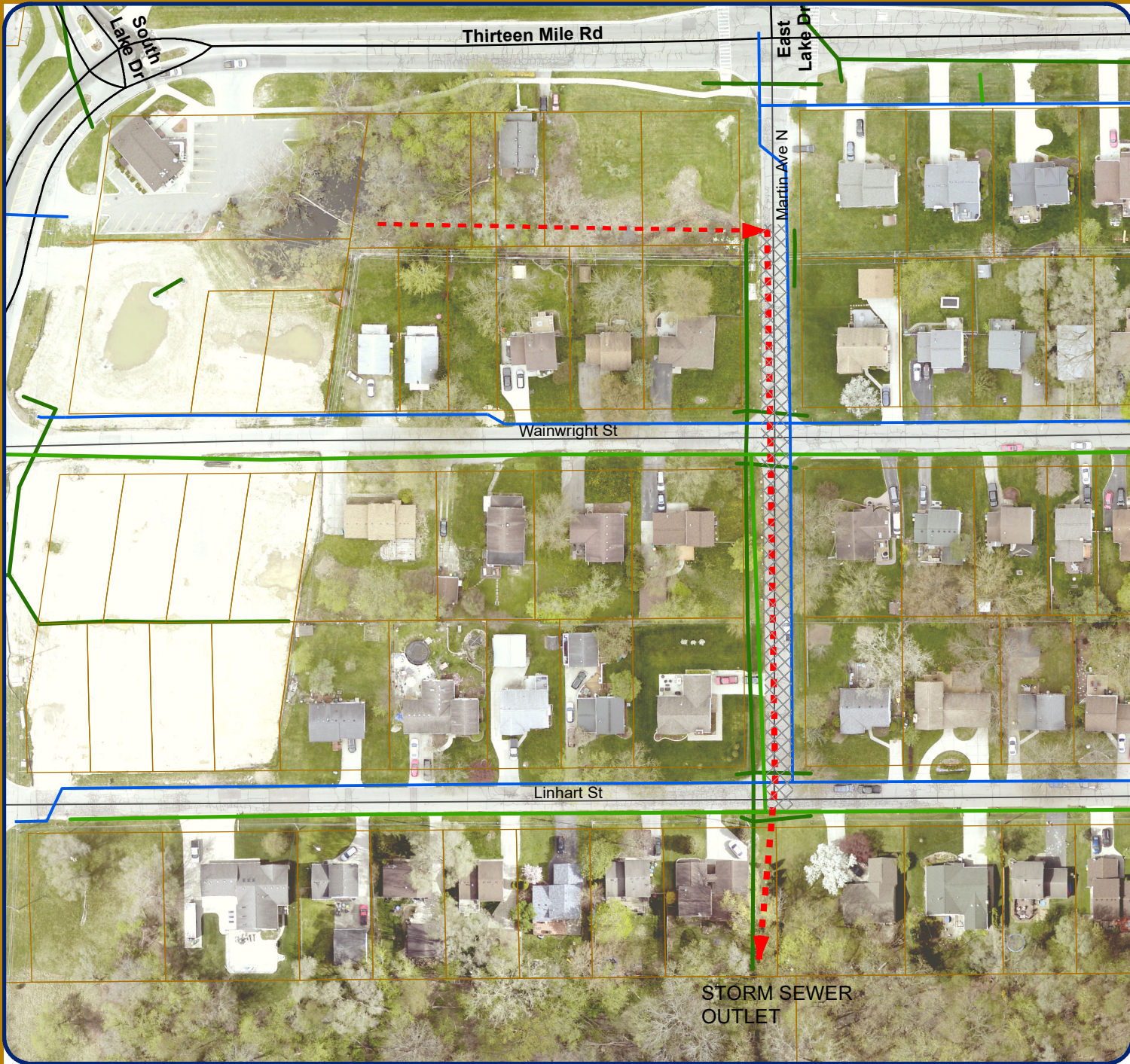
I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi at a regular meeting held on August 30, 2021.

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Cortney Hanson  
City Clerk

# Martin Storm Sewer Improvements

## Location Map



### Map Legend

- ▶ Proposed Storm Sewer
- Storm Sewer (Existing)
- Water Main
- Sanitary Sewer
- Pavement Replacement



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

Map Author: Croy  
 Date: 7/20/21  
 Project: Martin Storm Sewer  
 Version #: v1.0

#### 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.



**WORK CHANGE DIRECTIVE & CHANGE ORDER No. 2**

**PURCHASE ORDER NO.**

**96473**

**NOVI NO.: 20-3401  
ENG033; 133-07;  
CIP NO.: 135-70**

**Project:** Lee BeGole Headwall/Bishop Streambank & Seg 70 Sidewalk

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

**Engineer:** OHM Advisors  
34000 Plymouth Road  
Livonia, Michigan 48150  
(734) 522-6711

**Contractor:** Fonso Company, Inc.  
7644 Whitmore Lake Road  
Brighton, Michigan 48116  
(810) 231-5188

*This document hereby renders changes in the Work, changes in the Contract Time and changes in the Contract Price by adding, deducting and/or balancing individual Contract line items through a signed authorization of the Prime Contractor, Owner, and Engineer.*

**Drafted Date:** August 23, 2021

**Reasoning:** Adding New Division #4: Martin Ave Storm Sewer Improvements and Items 110 - 137 as well as 20 Crew Days for the New Division.

**EXISTING CONTRACT ITEMS**

Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contract Price	
						Add	Deduct
0	1	"Crew Days" - Lee BeGole Headwall	CD	\$700.00		<input type="checkbox"/>	<input type="checkbox"/>
0	2	"Crew Days" - Bishop Streambank Stabilize	CD	\$700.00		<input type="checkbox"/>	<input type="checkbox"/>
0	3	"Crew Days" - Seg 70 - Mdwbrk Sidewalk	CD	\$700.00		<input type="checkbox"/>	<input type="checkbox"/>
0	4	"Crew Days" - Martin Ave Storm Sewer Imp	CD	\$700.00	20	<input checked="" type="checkbox"/>	<input type="checkbox"/>
0		"Crew Days" -	CD	\$700.00		<input type="checkbox"/>	<input type="checkbox"/>
<b>Subtotals</b>						\$0.00	\$0.00
<b>Total</b>							<b>\$0.00</b>

