



# CITY of NOVI CITY COUNCIL

**Agenda Item G**  
**July 9, 2018**

**SUBJECT:** Approval of Change Order No. 1 to Bidigare Contractors, Inc., for the Special Assessment District (S.A.D.) No. 182 – Dixon Road Sanitary Sewer Extension project in the amount of \$48,260.14.

**SUBMITTING DEPARTMENT:** Department of Public Works, Water & Sewer Division  
Department of Public Works, Engineering Division

**CITY MANAGER APPROVAL:** 

<b>EXPENDITURE REQUIRED</b>	<b>\$ 48,260.14</b>
<b>AMOUNT BUDGETED</b>	<b>\$ 58,896      FY 2017-18 Budget</b>
<b>APPROPRIATION REQUIRED</b>	<b>N/A</b>
<b>LINE ITEM NUMBER</b>	<b>592-592.00-976.043</b>

**BACKGROUND INFORMATION:**

This project involved the installation of a sanitary sewer extension along the east side of Dixon Road, north of 12 Mile Road. This extension serves the five properties as shown on the attached map. Initially, the property owners approached the City about extending the sanitary sewer line with the intent to fund and manage the project on their own. During the design, property owners realized they needed some assistance with the funding and coordination of the project.

City staff then initiated Special Assessment District No. 182 and retained Spalding DeDecker (SDA) to finalize the design, originally developed by Atwell (a private development engineering firm) at the request of the property owners. SDA developed the project specifications for construction of the 12-inch High Density Polyethylene (HDPE) sanitary sewer pipe. The installation by directional drilling allowed for protection of many existing trees, sidewalks, and relatively new asphalt roadway.

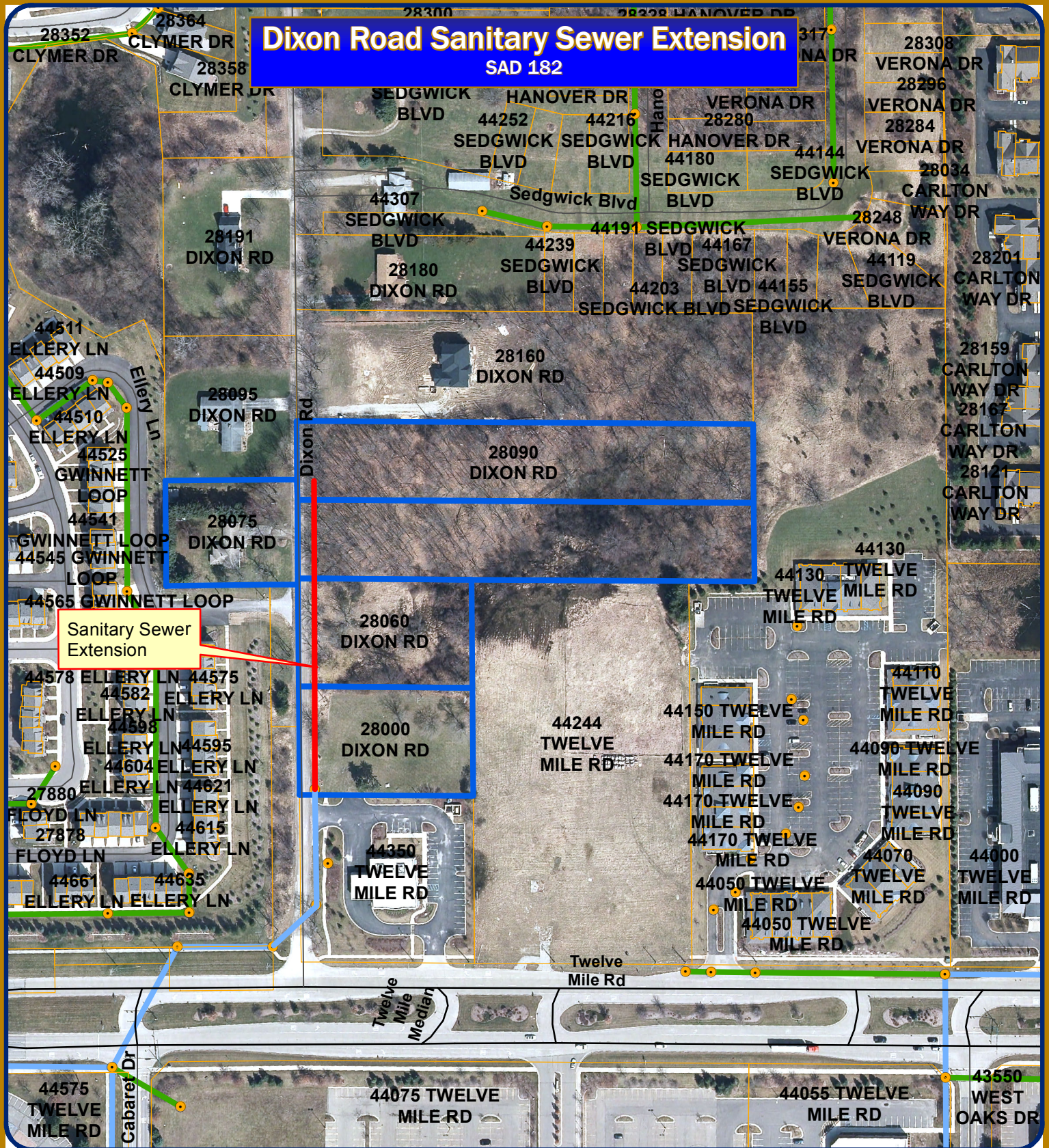
During construction, the contractor, Bidigare Contractors, Inc., discovered a layer of cobblestones and boulders interfering with the sewer installation. The City worked with Bidigare to modify the sewer elevation in order to avoid the anticipated obstructions. Although this modification did help facilitate the construction, some boulders encountered resulted in additional effort, excavation and dewatering which increased the time to complete the project.

After review of the daily inspection reports from Spalding DeDecker and the contractor, staff negotiated a change order price down to the requested \$48,260.14.

**RECOMMENDED ACTION:** Approval of Change Order No. 1 to Bidigare Contractors, Inc., for the Special Assessment District (S.A.D.) No. 182 – Dixon Road Sanitary Sewer Extension project in the amount of \$48,260.14.

# Dixon Road Sanitary Sewer Extension

SAD 182



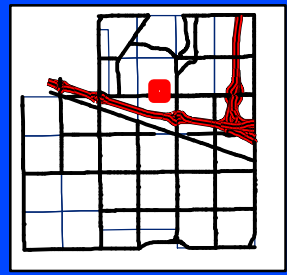
Map Author: Croy  
 Date: 10/13/17  
 Project: Dixon Sanitary (SAD 182)  
 Version #: v1.0

**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.

**Map Legend**

- SAD 182
- 8-inch Sanitary
- 12-inch Sanitary

**Sanitary Gravity Main**



**CITY OF NOVI**  
 Engineering Division  
 Department of Public Services  
 26300 Lee BeGole Drive  
 Novi, MI 48375  
 cityofnovi.org

**City of Novi**

Scale: 1 inch = 200 feet

0 40 80 160 240 Feet



**NEW CONTRACT ITEMS**

Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contract Price		
						Add	Deduct	
16	1	Boulders and Dewatering	LS	\$40,000.00	1.00	\$40,000.00		
						<b>Subtotals</b>	\$40,000.00	\$0.00
						<b>Total</b>		\$40,000.00

<b>Increase/Decrease in Contract Price</b>	<b>\$48,260.14</b>
<b>Original Contract Amount</b>	<b>\$130,208.00</b>
<b>Sum of Previous Approved Change Orders</b>	<b>\$0.00</b>
<b>Revised Contract Amount</b>	<b>\$178,468.14</b>

THE CHANGES ADDRESSED BY THIS CHANGE ORDER HEREBY ADJUSTS THE CONTRACT TIME BY:

Accepted By: \_\_\_\_\_  
*Jordon Bidigare*  
 Bidigare Contractors, Inc.

Prepared By: \_\_\_\_\_  
 Spalding DeDecker & Associates

Reviewed By: \_\_\_\_\_  
 Aaron J. Staup, Construction Engineer

Approved By: \_\_\_\_\_  
 Ben Croy, P.E., Water & Sewer Senior Manager

and

Approved By: \_\_\_\_\_  
 Sue Morianti, Purchasing Manager