



# CITY of NOVI CITY COUNCIL

**Agenda Item 5**  
**March 13, 2017**

**SUBJECT:** Approval of Change Order No. 2 to Fiore Enterprises LLC. for the 2016 Neighborhood Road Program – Contract 2 (Concrete) in the amount \$100,965.90

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

**CITY MANAGER APPROVAL:** 

<b>EXPENDITURE REQUIRED</b>	<b>\$ 100,965.90</b>
<b>AMOUNT BUDGETED</b>	<b>\$ 2,090,000</b>
<b>LINE ITEM NUMBER</b>	<b>203-203.00-865.436-</b>

## BACKGROUND INFORMATION:

The 2016 Neighborhood Road Program consists of two separate contracts: one for concrete pavement and the other for asphalt. The concrete contract was awarded at the July 25, 2016 City Council meeting, and the asphalt contract was awarded at the August 29, 2016 meeting. Fiore Enterprises was awarded the contract for concrete streets. Upon further inspection of one of the streets in the contract, Applecrest Drive, and the identification of advanced deterioration due to alkali-silica reaction (ASR) better known as concrete cancer, City Administration along with the consultant engineer AECOM decided to reconstruct the roadway in lieu of completing concrete pavement repairs as originally planned.

The reconstruction of Applecrest was completed, as modified, Fall 2016.

**RECOMMENDED ACTION:** Approval of Change Order No. 2 to Fiore Enterprises LLC. for the 2016 Neighborhood Road Program – Contract 2 (Concrete) in the amount \$100,965.90

# Apple Crest Dr Road Construction Project

**Main Street Village Apartments**  
50-22-23-176-028

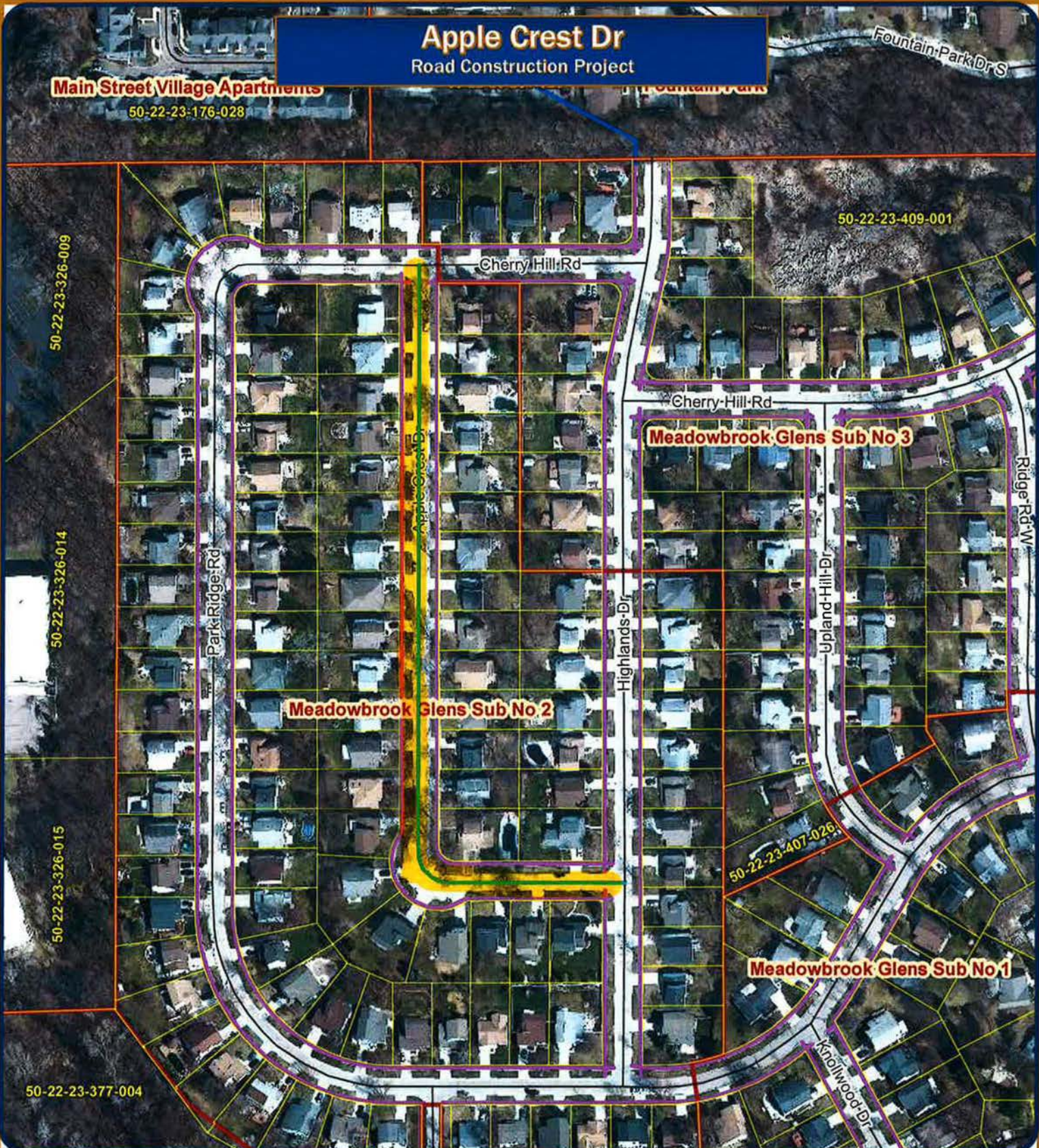
50-22-23-409-001

50-22-23-326-009

50-22-23-326-014

50-22-23-326-015

50-22-23-377-004



Map Author: Ken Blough  
Date: March 8, 2017  
Project: Road Construction  
Version #: 1.0

**Amended By:**  
**Date:**  
**Department:**

**MAP INTERPRETATION NOTICE**  
Map information presented is not intended to replace or substitute for any official or private 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 272 of 1970 as amended. Please contact the City GIS Manager for further source and accuracy information related to this map.

**Map Legend**

Street Centerline	Parcels
Minor Road	Pathway Local
Sidewalk Local	Development



**City of Novi**  
Information Technology  
GIS Division  
45175 Ten Mile Rd  
Novi, MI 48375  
cityofnovi.org





**WORK CHANGE DIRECTIVE No. 2**

**PURCHASE ORDER NO.**  
**94888**

**Project:** 2016 NRP - CONTRACT 2

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

**Engineer:** AECOM Great Lakes  
27777 Franklin Road, Suite 2000  
Southfield, Michigan 48034  
(248) 204-5900

**Contractor:** Fiore Enterprises, LLC  
3411 W. Fort Street  
Detroit, Michigan 48216  
(313) 962-0400

**Drafted Date:** October 7, 2016

**Reasoning:** Due to the advanced deteriorated condition and presence of ASR in the concrete of Applecrest Drive, the City of Novi and AECOM have decided to reconstruct the roadway in lieu of completing concrete pavement repairs as originally planned. Items deleted from this WCD have been decided based on existing conditions of the driveways, drainage structures, and subgrade that has been exposed to date.

**Existing Contract Items**


Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contract Price	
						Add	Deduct
0		Inspection "Crew Days"	CD	\$640.00		<input type="checkbox"/>	<input type="checkbox"/>
7	1	Non-Haz Material Hand & Disp	CY	\$37.85	20		\$757.00
9	1	Point-Up Dr Structure	EA	\$250.00	2	\$500.00	
11	1	Dr Structure, Remove	EA	\$375.00	2		\$750.00
12	1	Dr Structure, 48-inch Diameter	EA	\$1,950.00	2		\$3,900.00
17	1	Underdrain, Subgrade, O-G, 6 inch	LF	\$12.50	2500		\$31,250.00
18	1	Subgrade Undercutting, Type II	CY	\$35.90	500		\$17,950.00
19	1	Remove Concrete Pavement	SY	\$7.75	3840	\$29,760.00	
20	1	Agg Base, 21AA Limestone, 8 inch	SY	\$11.25	2122		\$23,872.50
22	1	Pavement Repair, Removal	SY	\$16.80	995		\$16,716.00
23	1	Conc Pavt, Full Depth, Slab Repair	SY	\$46.50	975		\$45,337.50
24	1	Longit Jt Rpr, 30" Wide, Full-Depth	SY	\$92.50	20		\$1,850.00
27	1	Concrete Driveway	SY	\$39.50	871		\$34,404.50
45	1	Agg Base, 21AA Limestone, 4 inch	SY	\$7.40	3840	\$28,416.00	
46	1	Roadway Grading	STA	\$3,520.45	12	\$42,245.40	
47	1	Conc Pavt w/Integ Curb, N-R, 8"	SY	\$46.05	3840	\$176,832.00	
<b>Subtotals</b>						\$277,753.40	\$176,787.50
<b>Total</b>						<b>\$100,965.90</b>	



Accepted By: **Tom Wall**  
Digitally signed by Tom Wall  
DN: cn=Tom Wall, o=Fiore Enterprises, LLC, ou,  
email=tom@fiorellc.com, c=US  
Date: 2016.10.25 14:32:31 -04'00'  
Fiore Enterprises, LLC

Prepared By: **Mark Koskinen, PE**  
Digitally signed by Mark Koskinen, PE  
DN: cn=Mark Koskinen, PE, o=AECOM, ou=Transportation,  
email=mark.koskinen@aecom.com, c=US  
Date: 2016.10.25 18:45:35 -04'00'  
AECOM Great Lakes

Reviewed By:   
Digitally signed by Aaron J. Staup  
DN: cn=Aaron J. Staup, o=City of Novi, ou=Engineering  
Division, email=astaup@cityofnovi.org, c=US  
Date: 2016.10.26 07:32:58 -04'00'  
Aaron J. Staup, Construction Engineering Coordinator

Approved By:   
Digitally signed by Rob Hayes  
DN: cn=Rob Hayes, o=City of Novi, ou=DPS,  
email=rhayes@cityofnovi.org, c=US  
Date: 2016.10.26 10:35:29 -04'00'  
Rob Hayes, P.E., DPS Director/City Engineer

and

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