



**CITY of NOVI CITY COUNCIL**

**Agenda Item B  
September 10, 2012**

**SUBJECT:** Approval of Change Order No. 3 to Hard Rock Concrete for the 2012 Neighborhood Road Program in the amount of \$98,600.

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

**CITY MANAGER APPROVAL:** *[Signature]*

|                             |   |
|-----------------------------|---|
| <b>EXPENDITURE REQUIRED</b> | <b>\$ 98,600</b>                                  |
| <b>AMOUNT BUDGETED</b>      | <b>\$1,000,000 (Included in FY11-12 rollover)</b> |
| <b>LINE ITEM NUMBER</b>     | <b>203-203.00-865.411</b>                         |

**BACKGROUND INFORMATION:**

The construction for the 2012 Neighborhood Road Program was awarded to Hard Rock Concrete, Inc. in the amount of \$1,012,788 on June 4, 2012. The project includes concrete pavement repairs, joint repairs and drainage structure rehabilitation on the following streets: Glen Haven Circle, Laramie, Foxtan, Louvert, Fairway Hills, and Jamestown; as well as reconstruction or resurfacing of Braydon, Westminster, Squire and Cottisford (see attached map).

Staff and the consultant identified areas along the west side of Glen Haven Circle that were originally scheduled for joint repair and slab replacements that are in worse condition than anticipated and recommend that these discrete areas be reconstructed instead (see attached sketch from OHM denoting areas of pavement to be reconstructed). The additional cost associated with the reconstruction of these areas on Glen Haven Circle is \$98,600 as reflected in Change Order 3.

There have been two change orders issued for this project to date. The first change order in the amount of \$47,740 added the Capital Preventative Maintenance—Local Street program for 2012. The second change order in the amount of \$22,482.80 added additional asphalt paving quantities for work on Squire and Westminster.

Staff recommends the award of Change Order No. 3 for discrete reconstruction of areas of Glen Haven Circle to Hard Rock in the amount of \$98,600.

**RECOMMENDED ACTION:** Approval of Change Order No. 3 to Hard Rock Concrete for the 2012 Neighborhood Road Program in the amount of \$98,600.

|                               | 1 | 2 | Y | N |
|-------------------------------|---|---|---|---|
| <b>Mayor Gatt</b>             |   |   |   |   |
| <b>Mayor Pro Tem Staudt</b>   |   |   |   |   |
| <b>Council Member Casey</b>   |   |   |   |   |
| <b>Council Member Fischer</b> |   |   |   |   |

|                                | 1 | 2 | Y | N |
|--------------------------------|---|---|---|---|
| <b>Council Member Margolis</b> |   |   |   |   |
| <b>Council Member Mutch</b>    |   |   |   |   |
| <b>Council Member Wrobel</b>   |   |   |   |   |







CHANGE ORDER No. 3

**Project:** 2012 Neighborhood Road Program

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

**Engineer:** Orchard, Hiltz & McCliment, Inc.  
34000 Plymouth Road  
Livonia, Michigan 48150  
734-522-6711

**Contractor:** Hard Rock Concrete, Inc.  
38146 Abruzzi Drive  
Westland, Michigan 48185  
734-641-3333

**Drafted Date:** August 31, 2012

**Description/Reasoning:** Due to the deterioration of the existing panels left within the previously completed Phase I. Additional concrete removal and replacement was added for those panels in phase 2 that are exhibiting similar characteristics (signs of ASR). In addition since some areas are now complete removal and replacement, undérdrain was added to promote drainage within the base layer.

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: | \$98,600.00    |
| ORIGINAL CONTRACT AMOUNT:                           | \$1,012,788.00 |
| SUM OF PREVIOUS APPROVED CHANGE ORDERS:             | \$70,222.80    |
| REVISED CONTRACT AMOUNT:                            | \$1,181,610.80 |

THE CHANGES ADDRESSED BY THIS CHANGE ORDER HEREBY INCREASE THE CREW DAY TIME BY:  Day(s) to  Substantial or  Final Completion

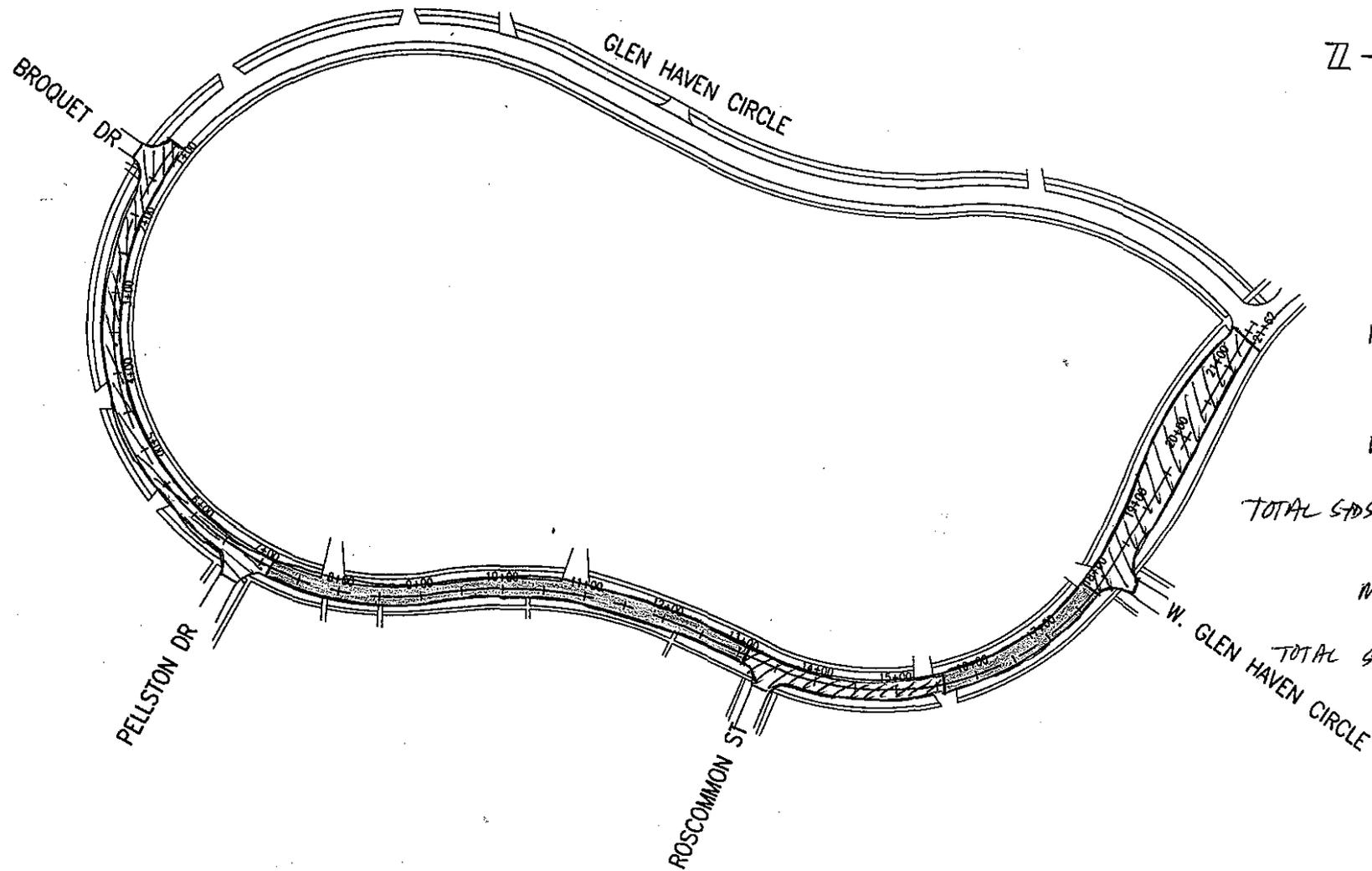
\*\*\*Where applicable, attach the corresponding number of Work Change Directive to this Change Order.\*\*\*

Accepted By: \_\_\_\_\_ Date: \_\_\_\_\_  
General Contractor

Prepared By: [Signature] Date: 9-6-12  
Consulting Engineer

Recommended By: [Signature] Date: 9/6/12  
Aaron J. Staup, Construction Engineer

Approved By: [Signature] Date: 9/6/12  
Brian Coburn, P.E., Engineer Manager



**NOTE:**  
 STATIONING DIAGRAM FOR REFERENCE ONLY. ACTUAL  
 CONSTRUCTION STATIONING, AND ALL PROPOSED WORK SHALL BE  
 COMPLETED AS DIRECTED AND AS MEASURED IN THE FIELD.

CITY OF NOVI - 2012 NEIGHBORHOOD ROAD PROGRAM

**GLEN HAVEN STATIONING**

|        |        |
|--------|--------|
| SCALE  |        |
| H: NTS | V: NTS |
| SHEET  |        |
| 1      |        |
| OF 1   |        |

CLIENT:  
 CITY OF NOVI

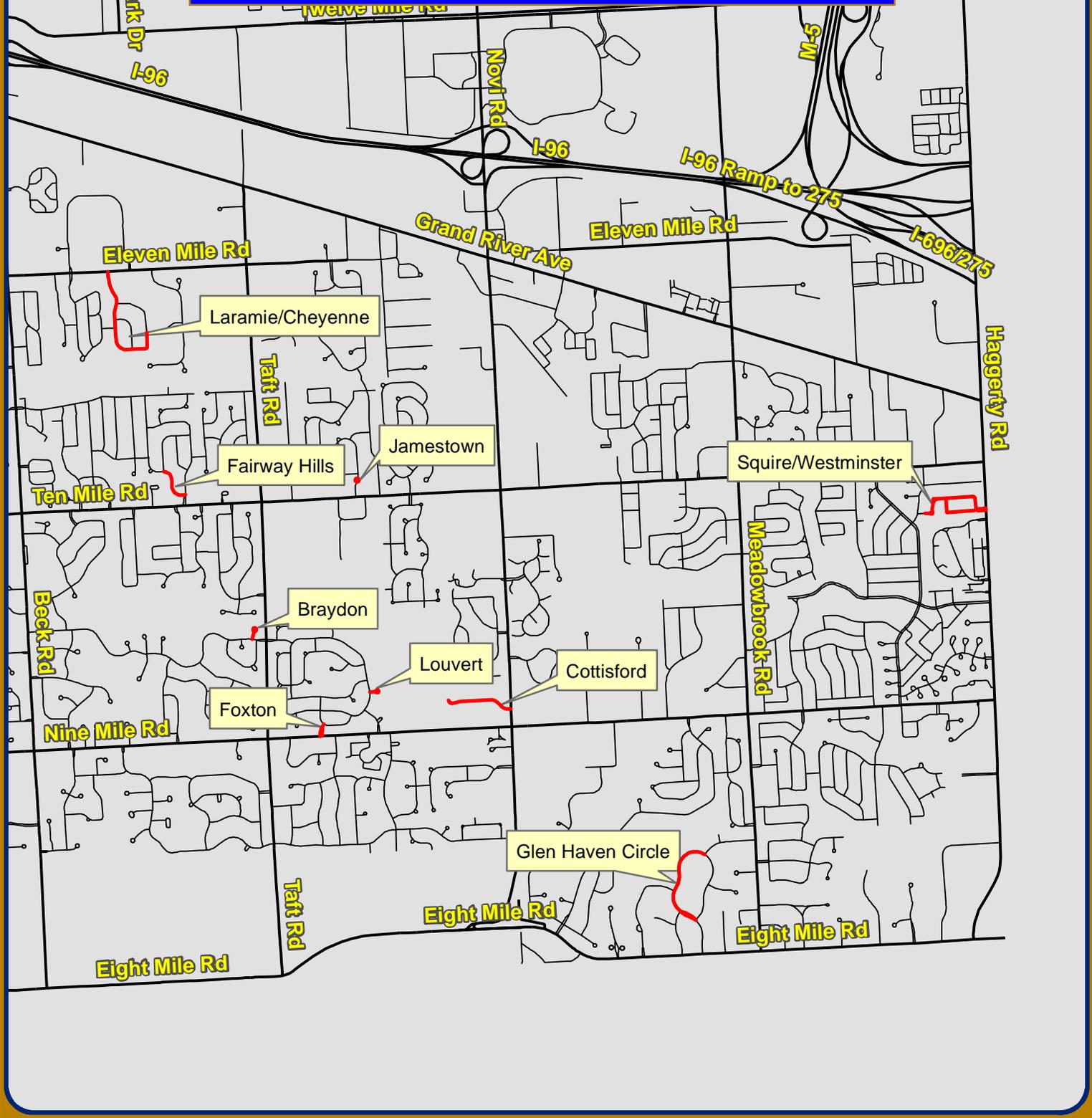
JOB #  
 0163-11-0110

34000 Plymouth Road | Livonia, MI 48150 | P (734) 522-6711 | F (734) 522-6427 | WWW.OHM-ADVISORS.COM



# 2012 Neighborhood Road Program Candidates

Location Map



Map Author: Croy  
 Date: 5/17/12  
 Project: 2012 Neighborhood Roads  
 Version #: v1.1



**City of Novi**  
 Engineering Division  
 Department of Public Services  
 26300 Delwal Drive  
 Novi, MI 48375  
[cityofnovi.org](http://cityofnovi.org)

**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.



1 inch = 3,040 feet