



CITY OF NOVI CITY COUNCIL
APRIL 20, 2020

SUBJECT: Consideration of approval of Change Order No. 5 to Great Lakes Contracting Solutions, Inc. for the 2020 Concrete Panel Repair Program in the amount of \$888,979.20.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 888,979.20
AMOUNT BUDGETED	\$ 560,885.00 (FY 2019-20) <u>\$ 1,000,000.00 (FY 2020-21)</u> \$ 1,560,885.00
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	203-203.00-985.005

BACKGROUND INFORMATION: The City of Novi continues to utilize separate road programs for reconstruction, rehabilitation, and repair. In the past, Novi had only Neighborhood Road Reconstruction and Rehabilitation Programs, which involves costly measures for removal and replacement of entire street segments. In order to maintain Novi's extensive neighborhood road network more affordably, City Council gave direction to institute a new "mix-of-fixes" program. This additional program, Concrete Panel Repair Program (CPR), focused specifically on repairing individual concrete road panels. Most of these street candidates have a higher PASER value and only require smaller, discrete areas of concrete to be removed and replaced. This method allows the City to extend the useful life of many streets that would normally be completely replaced at maximum costs.

City Council developed a Capital Improvement Program by which the Concrete Panel Repair Program would be in place for four years (2017-2020) with \$1 Million being allocated each year. In 2017, our engineering consultant, Spalding DeDecker

designed and inspected Audia Concrete Construction, Inc. for the first successful CPR Program. In 2018, our engineering consultant, AECOM-Great Lakes successfully administered a two-year program (2018 and 2019) with Great Lakes Contracting Solutions, Inc. Now, in 2020, engineering staff along with AECOM-Great Lakes is looking to start the fourth and final year of the program.

Since the contractor, Great Lakes Contracting Solutions, Inc., had performed so well on the previous two-year CPR program and the City was able to secure cost-effective 2018/2019 unit prices, Engineering is requesting to extend, by way of Change Order, another year with Great Lakes Contracting Solutions, Inc. Attached is a signed Work Change Directive and Change Order No. 5 authorizing the contractor to proceed with the 2020 CPR Program, with the intentions of beginning work in May or June (based on COVID restrictions) or after the new fiscal year starts in July.

The following is the concrete street segments to be added in the 2020 construction year:

2020 CONCRETE PANEL REPAIR PROGRAM

STREET SEGMENT	SUBDIVISION	FROM	TO	EFFORT
Balfour Ct	Bristol Corners	Balfour Dr	End	Panel Repair
Balfour Dr	Bristol Corners	Bristol Cir	End	Panel Repair
Bristol Cir	Bristol Corners	Bristol Cir Ct	Norwich Dr	Panel Repair
Bristol Cir	Bristol Bluffs N	West Park Dr	Pennington Ln	Panel Repair
Bristol Cir Ct	Bristol Corners	Bristol Cir	End	Panel Repair
Bristol Ln	Bristol Corners	Bristol Cir	Bristol Cir	Panel Repair
Marlborough Pl	Bristol Corners	Bristol Cir	Bristol Ln	Panel Repair
Pennington Ln	Bristol Bluffs N	End	End	Panel Repair
Pennington Ct	Bristol Bluffs S	South Lk Dr	End	Panel Repair
Reindeer Dr	Chase Farms	Chase Dr	Antler Dr	Panel Repair
Daleview Dr	Lexington Green	Galway Dr	Worcester Dr	Panel Repair
Queens Pointe	Mdwbrk Glens	Kings Pointe	Park Ridge Rd	Panel Repair
Morgan Creek Ct	Morgan Crk Est	East Lake Dr	End	Panel Repair

The construction engineering services and geotechnical engineering services related to this project will be awarded to the following pre-qualified firms using the fee

percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

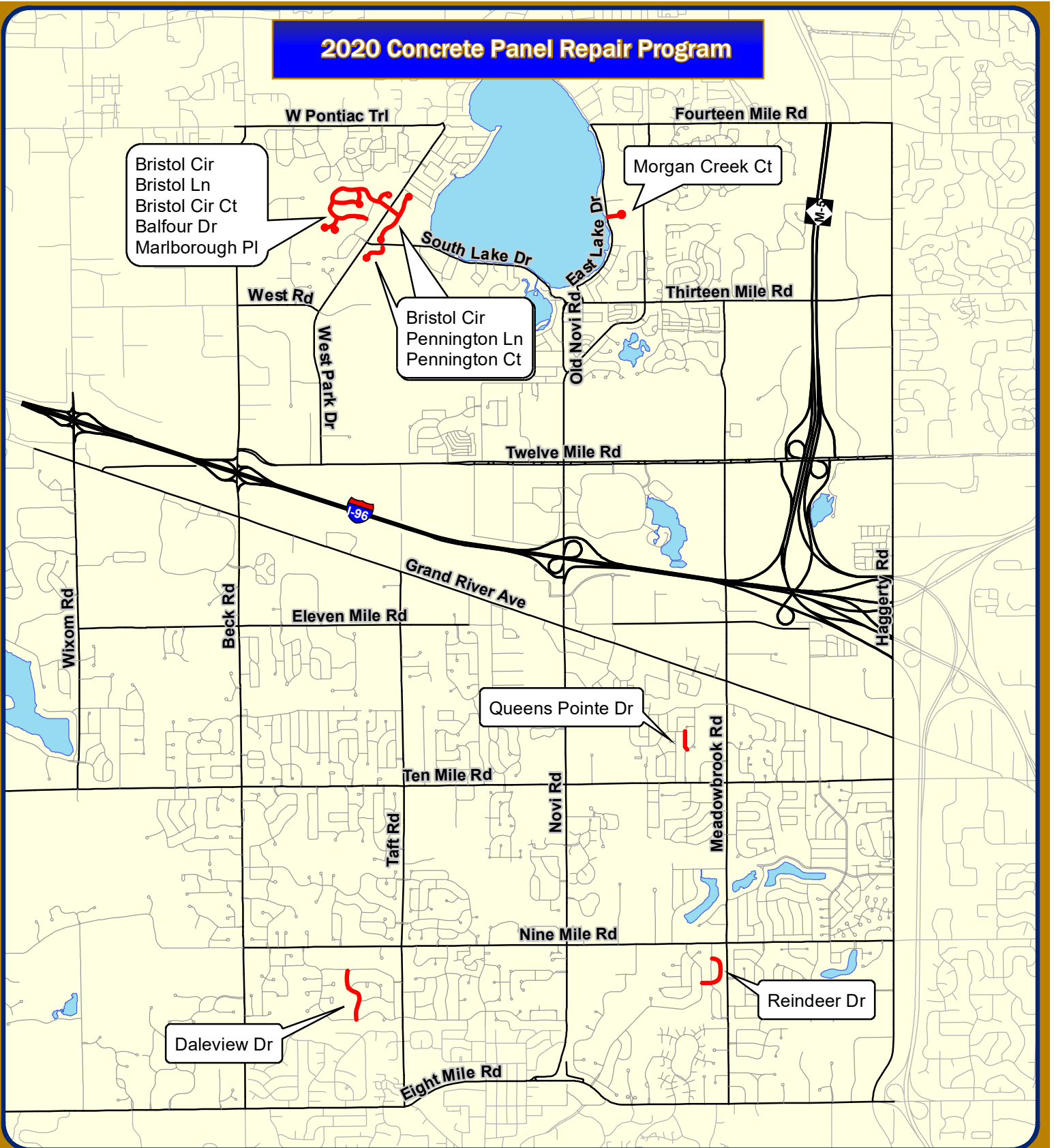
2020 CPR CONSTRUCTION ENGINEERING AND MATERIAL TESTING

AECOM		
Contract Administration	3% of the Change Order	\$26,700.00
Crew Days	\$700 daily inspection fee x 45 days	\$31,500.00
Testing Engineers and Consultants (TEC)		
Material testing services	2% of Change Order	\$17,800.00
	Total	\$76,000.00

With the proven record of the contractor and reasonable unit price rates already established in the previous program with Great Lakes Contracting Solutions, Inc., staff determined extending the program with a change order to be the most prudent long-term action.

RECOMMENDED ACTION: Approval of Change Order No. 5 to Great Lakes Contracting Solutions, Inc. for the 2020 Concrete Panel Repair Program in the amount of \$888,979.20

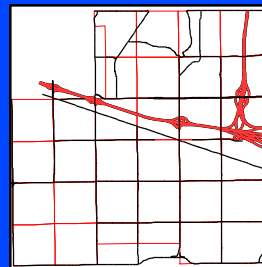
2020 Concrete Panel Repair Program



Map Author: Rebecca Runkel
 Date: April 13, 2020
 Project: 2020 CPR Program
 Version #: 1.0

Legend

— 2020 Concrete Panel Repair



City of Novi

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1 inch = 4,300 feet



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.

