



CITY of NOVI CITY COUNCIL

**Agenda Item Q
July 2, 2012**

SUBJECT: Approval to award an amendment to the engineering services agreement with Orchard, Hiltz & McCliment for additional design services for the 2012 Parking Lot Improvements project, in the amount of \$28,329, to include design engineering services for parking lot improvements at Public Safety facilities.

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

CITY MANAGER APPROVAL: *[Handwritten signatures]*

EXPENDITURE REQUIRED	\$ 15,732 Public Safety-Police \$ 12,597 Public Safety-Fire \$ 28,329 Total
AMOUNT BUDGETED	\$ 116,420 Public Safety-Police \$ 86,650 Public Safety-Fire \$ 203,070 Total
LINE ITEM NUMBER	101-301.00-971.100 Public Safety-Police 101-337.00-971.100 Public Safety-Fire

BACKGROUND INFORMATION:

Design for the rehabilitation of the parking lots and access drives at Ella Mae Power Park and the Novi Ice Arena was awarded to Orchard, Hiltz & McCliment (OHM) on April 23, 2012. The approved fiscal year 2012-13 budget includes improvements to additional parking lots at Public Safety facilities; therefore, in addition to Power Park and the Ice Arena parking lots, the design for the rehabilitation of the parking lots at the Police Station, Fire Stations 1-4 and the CEMS building will also be completed as part of a single project to take advantage of economies of scale and potentially realize lower costs.

The repair methods to be used will likely range from complete pavement removal and replacement to minor patches. Once design is complete, and potentially after bids have been solicited, the final scope of work to be completed this year will be determined based on the available budget. Engineering and Public Safety staff will determine whether all of the work will be completed together, or if some of the work will be phased and completed in a future year.

Each parking lot has been evaluated to determine the extent and types of defects, and the type of repairs or rehabilitation that would be appropriate. A geotechnical engineering investigation is currently under way that will assist in the final design of each parking lot improvement.

OHM's design fee for the additional parking lots is \$28,329, which is based on the current construction estimate of \$497,000 and the use of the same fee percentages of the original engineering proposal for the Ice Arena and Power Park parking lots (5.7%). The

construction phase engineering fee would be awarded at the time of construction award, and will be based on the contractor's bid price and the fee percentage in OHM's proposal. A draft of the Supplemental Professional Engineering Services Agreement for this project is enclosed and includes the project scope.

Once design is completed, a schedule will be developed that will have to be coordinated with any events that may involve these parking lots or surrounding areas. Work could potentially commence this fall.

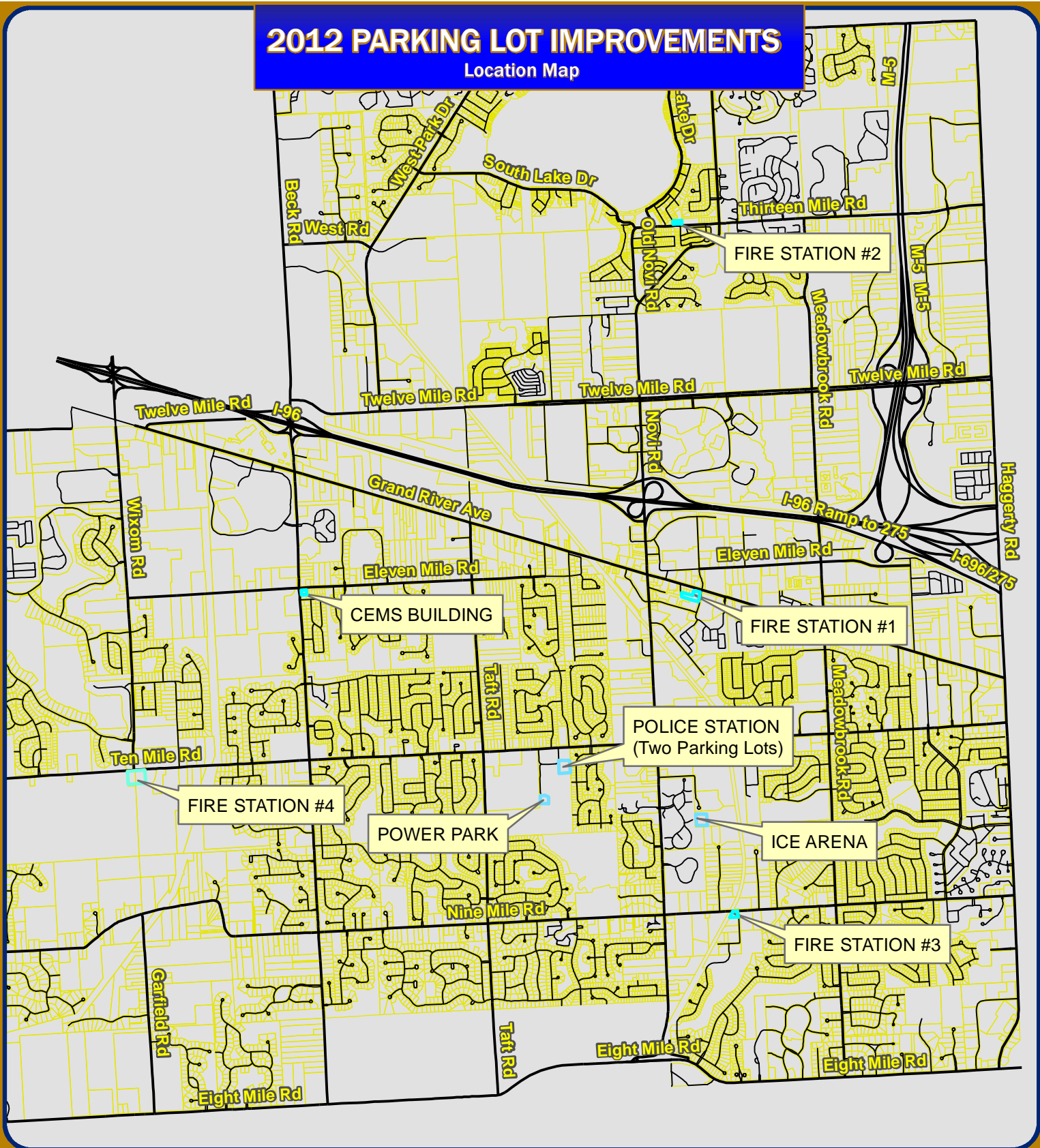
RECOMMENDED ACTION: Approval to award an amendment to the engineering services agreement with Orchard, Hiltz & McCliment for addition design services for the 2012 Parking Lot Improvements project, in the amount of \$28,329, to include design engineering services for parking lot improvements at Public Safety facilities.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Fischer				

	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Wrobel				

2012 PARKING LOT IMPROVEMENTS

Location Map



Map Author: Croy
 Date: 6/25/12
 Project: Parking Lot Improvements 2012
 Version #: v1.2



1 inch = 4,013 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.



City of Novi

Engineering Division
 Department of Public Services
 26300 Delwal Drive
 Novi, MI 48375
 cityofnovi.org

City of Novi
2012 Parking Lot Improvements

Preliminary Opinion of Construction Cost

Police and Fire Lots	Const Estimate	Design (5.7%)	CA (6.1%)	Inspection	TOTAL	Budget
CEMS Building	\$43,000.00	\$2,451.00	\$2,623.00	4 \$2,460.00	\$50,534.00	\$27,719.00
Fire Station #1	\$49,000.00	\$2,793.00	\$2,989.00	4 \$2,460.00	\$57,242.00	\$25,321.00
Fire Station #2	\$20,000.00	\$1,140.00	\$1,220.00	2 \$1,230.00	\$23,590.00	\$3,300.00
Fire Station #3	\$61,000.00	\$3,477.00	\$3,721.00	5 \$3,075.00	\$71,273.00	\$38,966.00
Fire Station #4	\$48,000.00	\$2,736.00	\$2,928.00	4 \$2,460.00	\$56,124.00	\$0.00
Police Station, Rear Lot	\$192,000.00	\$10,944.00	\$11,712.00	16 \$9,840.00	\$224,496.00	\$122,500.00
Police Station, Front Lot	\$84,000.00	\$4,788.00	\$5,124.00	7 \$4,305.00	\$98,217.00	\$3,300.00
TOTAL	\$497,000.00	\$28,329.00	\$30,317.00	\$25,830.00	\$581,476.00	\$221,106.00

Ice Arena and Power Park	Const Estimate	Design	CA	Inspection	TOTAL	Budget
Novi Ice Arena Access Drive, Parking Lot, and Service Drive	\$335,000.00	\$19,100.00	\$19,755.00	24 \$14,760.00	\$388,615.00	\$105,300.00
Power Park Access Drive and Parking Lot	\$363,000.00	\$21,000.00	\$22,960.00	26 \$15,990.00	\$422,950.00	\$477,690.00
TOTAL	\$698,000.00	\$40,100.00	\$42,715.00	\$30,750.00	\$811,565.00	\$582,990.00