



## CITY of NOVI CITY COUNCIL

**Agenda Item J**  
**June 4, 2012**

**SUBJECT:** Approval to award an amendment to the engineering services agreement to URS Corporation for additional construction inspection services related to the Crescent Boulevard Extension Phase 1 project in the amount of \$21,832.50 (which is offset by the charges to the construction contractor for exceeding the number of crew days that were in the construction contract).

**SUBMITTING DEPARTMENT:** Department of Public Services, Engineering Division <sup>RA</sup> <sub>AK</sub>

**CITY MANAGER APPROVAL:** 

<b>EXPENDITURE REQUIRED</b>	<b>\$ 21,832.50 (offset by deduction on construction contract)</b>
<b>LINE ITEM NUMBER</b>	<b>204-204.00-805.260</b>

### BACKGROUND INFORMATION:

The Crescent Boulevard extension is scoped to be a multi-phased project to extend Crescent Boulevard (formerly known as Fonda Drive) from the current western terminus at Expo Center Drive to Grand River Avenue; and would include an industrial spur road to the west to serve existing industrial property and a bridge over the Walled Lake Branch of the Middle Rouge River. A map showing the overall project, which has been historically been referred to as the Northwest Quadrant Ring Road project, is attached for reference.

The City uses crew days in construction contracts to increase the accountability of the contractor with respect to inspection time. The contractor provides a number of anticipated crew days as part of the bid for the project and is subsequently included in the construction contract. The cost per crew day is \$615 per eight hour day as stipulated in the general agreements with each of three engineering consultant firms used by the City. If the contractor requires additional days of inspection (or crew days) beyond the number contained in the contract, the cost of the additional inspection time is deducted from the contract and used to pay the consultant for the additional inspection. The purpose of using crew days for inspection services is to provide a method for the City to recoup costs to pay for additional inspection associated with slow progress by the contractor.

For this project, the original contract included 24 crew days, but the contractor used 59.5 days to complete the work. The final payment to the contract has been reduced by \$21,832.50 (35.5 crew days at \$615 per day) to offset the additional inspection costs for the project. (The final pay estimate to Tiseo Brother, Inc. is proposed for consideration elsewhere on this agenda.) This amendment of the engineering agreement is for the additional inspection costs that were incurred by URS, as deducted from the final payment to the contractor.

**RECOMMENDED ACTION:** Approval to award an amendment to the engineering services agreement to URS Corporation for additional construction inspection services related to the Crescent Boulevard Extension Phase 1 project in the amount of \$21,832.50 (which is offset by the charges to the construction contractor for exceeding the number of crew days that were in the construction contract).

	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>				



PHASE 1  
 FUTURE PHASES

**INDUSTRIAL SPUR CURVE C**

$\Delta = 41^\circ 18' 34''$  (RTI)  
 $D = 140' 19'' 26''$   
 $T = 150.75'$   
 $L = 268.40'$   
 $R = 400.00'$   
 $E = 27.48'$

PC = 32+69.28	N = 359.679.20	E = 13.362.961.46
PI = 34+20.17	N = 359.685.04	E = 13.362.712.08
PT = 35+57.77	N = 359.591.82	E = 13.362.829.81

PR. SUPER = MC

**CRESCENT BLVD CURVE C**

$\Delta = 72^\circ 05' 40''$  (RTI)  
 $D = 30' 54' 49''$   
 $T = 387.26'$   
 $L = 667.32'$   
 $R = 975.00'$   
 $E = 127.38'$

PC = 13+49.21	N = 359.317.17	E = 13.362.967.80
PI = 17+36.47	N = 359.630.82	E = 13.362.968.95
PT = 20+16.53	N = 359.703.33	E = 13.363.355.89

PR. SUPER = MC



PLAN  
 1"=100'

JANE E.S. H. DESIGN	 Surface Transportation Transportation
DATE: 06/07/11	
 CITY OF NOVI	
CITY OF NOVI RING ROAD PHASE 1 VICINITY SHEET	
DATE: 06/07/11 SHEET NO. 2	