



CITY of NOVI CITY COUNCIL

Agenda Item D
May 7, 2012

SUBJECT: Approval to award an amendment to the engineering services agreement with Spalding DeDecker Associates, Inc. for construction engineering services related to the Woodham Road Water Main Extension SAD 176, in the amount of \$11,181.

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

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$ 11,181
AMOUNT BUDGETED	\$ 0
APPROPRIATION REQUIRED	\$ 11,181 (to be included in 4th quarter budget amendment)
LINE ITEM NUMBER	806-000.00-865.000

BACKGROUND INFORMATION:

Eight property owners on Woodham Road approached the City with a petition requesting the formation of a special assessment district (SAD) to finance the installation of water main in the Echo Valley Estates Subdivision in Section 29. The project will extend a public water main approximately 525 feet south along the east side of Woodham Road to serve nine properties as shown on the attached map. With the adoption of Resolution 5 at the April 9, 2012 City Council meeting, the SAD process is completed, the project is funded by the assessments and construction of the improvements can commence.

The total cost for the project, including design, construction engineering and construction was estimated to be \$119,961; the cost apportioned equally to each landowner over a 20-year period. Revised Resolution 3 and 5 are proposed elsewhere on this agenda to reduce the cost per parcel by approximately 10% based on the construction bids received. The total cost based on the construction bids is \$107,442, which represents \$11,938 per parcel.

The construction phase engineering fees are determined using two components: 1) the contract administration fee, which is determined using the fee percentage in Exhibit B of the Agreement For Professional Engineering Services for Public Projects, and 2) the construction inspection fee determined using a cost per inspection (crew) day from Exhibit B of the consultant's agreement that is then multiplied by the number of days of inspection specified by the contractor. The construction phase fees for this project include a contract administration fee of \$6,261 (7.5% of the \$83,480 construction bid) and an inspection fee of \$4,920 (\$615 per crew day, multiplied by the 8 days provided in the contractor's bid) for a total fee of \$11,181.

The construction contract award is proposed for consideration elsewhere on this agenda. It is anticipated that the construction of the project will begin this spring and be completed this construction season.

RECOMMENDED ACTION: Approval to award an amendment to the engineering services agreement with Spalding DeDecker Associates, Inc. for construction engineering services related to the Woodham Road Water Main Extension SAD 176, in the amount of \$11,181.

	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				

**FIRST AMENDMENT TO THE
SUPPLEMENTAL PROFESSIONAL ENGINEERING SERVICES AGREEMENT**

SAD 176 WOODHAM ROAD WATER MAIN EXTENSION

First Amended Agreement between the City of Novi, 45175 W. Ten Mile Road, Novi, MI 48375-3024, hereafter, "City," and Spalding DeDecker Associates, Inc., whose address is 905 South Boulevard East, Rochester Hills, MI 48307, hereafter, "Consultant," relating to modifications of the fee basis for engineering services. The following sections of the Supplemental Professional Engineering Services Agreement, as made and entered into on January 4, 2010 shall be amended as follows:

Section 2. Payment for Professional Engineering Services, The following Paragraphs shall be amended as follows:

1. Basic Fee.

a. *Unchanged*

b. Delete 1.b. in its entirety and replace with the following language:
Construction Phase Services: The Consultant shall complete the construction phase services as described herein according to the fee schedule as described below:

i. Contract Administration: The Consultant shall complete Contract Administration services for a lump sum fee of \$6,261, which is 7.5% of the awarded construction cost (\$83,480) as indicated on the Design and Construction Engineering Fee Curve, attached. Construction Inspection: The Consultant shall complete Construction Inspection services for \$615 per crew day as described in the request for proposals. "Crew days" shall be defined by the construction contract documents as an 8 hour day. Crew days shall be billed in 4 hour increments rounded to the next half day, therefore a 10 hour day shall be 1.5 crew days, a 3 hour day is 0.5 crew days, a 6 hour day shall be 1.0 crew days. The minimum crew day charged for a no-show by the contractor shall be 2 hours (0.25 crew days) which is reflective of the actual cost to the Consultant for traveling to the site and traveling back to the office. There will be no payment to the consultant for extra crew days that were not charged to the contractor. The Consultant acknowledges that intent of using crew days for inspection services is to provide a method for the consultant to recoup costs associated with slow progress by the contractor.

2. *Unchanged*

Except as specifically set forth in this First Amendment, the Supplemental Professional Engineering Services Agreement remains in full force and effect.

WITNESSES

Spalding DeDecker Associates, Inc.

By: James L. Van Tiflin, P.E.
Its: Project Manager

The foregoing _____ was acknowledged before me this ____ day of _____,
20____, by _____ on behalf of _____.

Notary Public
_____ County, Michigan
My Commission Expires: _____

WITNESSES

CITY OF NOVI

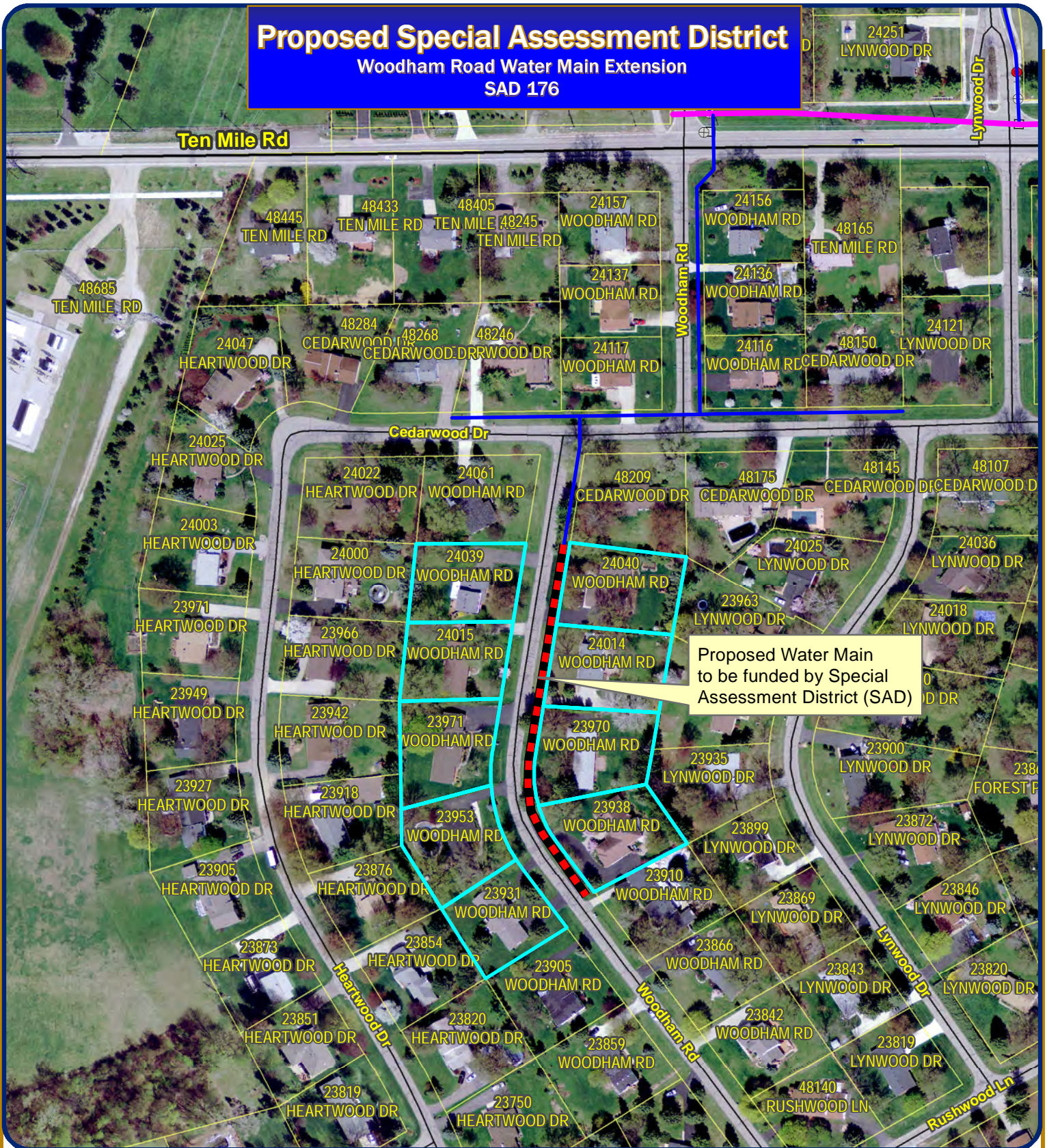
By:
Its:

The foregoing _____ was acknowledged before me this ____ day of _____,
20____, by _____ on behalf of the City of Novi.

Notary Public
Oakland County, Michigan
My Commission Expires: _____

Proposed Special Assessment District

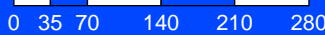
Woodham Road Water Main Extension
SAD 176



Map Author: Croy
Date: 8/29/11
Project: Potential Woodham SAD
Version #: V1.1



Feet



1 inch = 182 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