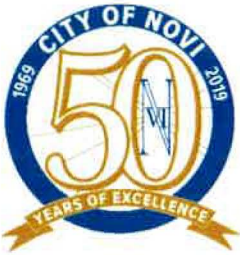


# CITY of NOVI CITY COUNCIL

**Agenda Item G  
January 28, 2019**



**SUBJECT:** Approval to award civil engineering services to Spalding DeDecker for construction engineering services associated with the Ingersol Creek Streambank Restoration (Ten Mile Road to Willowbrook Drive) and Buckingham Court Storm Sewer Replacement project in the amount of \$32,225.74.

**SUBMITTING DEPARTMENT:** Department of Public Works, Engineering Division

**CITY MANAGER APPROVAL:** 

<b>EXPENDITURE REQUIRED</b>	<b>\$ 32,225.74</b>
<b>AMOUNT BUDGETED</b>	<b>\$ 431,522</b>
<b>APPROPRIATION REQUIRED</b>	<b>\$ 0</b>
<b>LINE ITEM NUMBER</b>	<b>210-211.00-865.143</b>

## **BACKGROUND INFORMATION:**

The proposed work is a continuation of the Ingersol Creek Streambank Stabilization project completed in October 2017. Proposed work along this segment will involve the restoration and stabilization of multiple locations where streambank erosion has occurred. The areas in need of repair were identified in the 2014 Storm Water Master Plan.

Additionally, due to storm sewer blockage issues brought to the attention of the Field Operations Division on Buckingham Court in early 2018, storm sewer improvements are included with the streambank stabilization project. Buckingham Court is in close proximity to the area where the streambank stabilization will occur along Ingersol Creek.

Spalding DeDecker, the City's Engineering Consultant, assisted the Engineering Division with developing the plans for this project. Engineering staff advertised the plans for public bids on November 7, 2018. An on-site pre-bid meeting was held on November 27, 2018. The construction phase engineering fees are determined using two components: 1) The contract administration fee, using the fee percentage in Exhibit B of the Agreement for Professional Engineering Services for Public Projects; 2) The construction inspection fee, using a cost per inspection (crew) day from Exhibit B of the consultant's agreement, multiplied by the number of days of inspection specified by the contractor.

The construction phase engineering fees for this project include a contract administration fee of \$18,225.74 (6.75% of the \$270,011.00 construction bid) and an inspection fee of \$14,000.00 (\$700 per crew day, multiplied by the 20 days provided in the contractor's bid) for a total fee of \$32,225.74. The construction contract award is proposed for consideration elsewhere on this agenda. It is anticipated the project will be substantially completed in spring 2019.

**RECOMMENDED ACTION:** Approval to award civil engineering services to Spalding DeDecker for construction engineering services associated with the Ingersol Creek Streambank Restoration (Ten Mile Road to Willowbrook Drive) and Buckingham Court Storm Sewer Replacement project in the amount of \$32,225.74.

# Ingersol Creek Streambank Restoration & Buckingham Court Storm Sewer Replacement

Location Map



Map Author: Joseph Akers  
 Date: January 7, 2019  
 Project: Ingersol Creek and Buckingham Court  
 Version: 1

Amended By:  
 Date:  
 Department:

**MAP INTERPRETATION NOTICE**

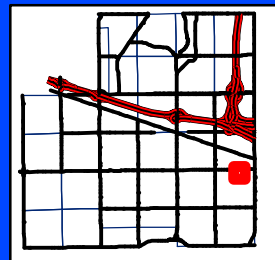
Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate 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.



Proposed Streambank Restoration



Proposed Storm Sewer Replacement



**City of Novi**

Engineering Division  
 Department of Public Works  
 26300 Lee BeGole Drive  
 Novi, MI 48375  
[cityofnovi.org](http://cityofnovi.org)



1 inch = 206 feet



December 11, 2018

Mr. Joseph Akers  
City of Novi Engineering Division  
26300 Lee BeGole Drive  
Novi, Michigan 48375

Re: Ingersol Creek StreamBank Restoration – Construction Engineering Services  
SD Job No.: NV17017

Dear Mr. Akers:

Spalding DeDecker is pleased to provide the following proposal for Construction Engineer for Ingersol Creek StreamBank Restoration and replacement of storm sewer at Buckingham Court in accordance with the Agreement for Professional Engineering Services for Public Projects dated October 03, 2018.

#### **Project Overview and Scope of Services**

This project includes removal of debris from the streambank and placement of streambank stabilization measures in accordance with the Contract Drawings. Our Construction Engineering services will include Construction Contract Administration and Inspection, as defined in the Agreement for Professional Engineering Services for Public Projects.

#### **Construction Cost and Proposed Fees**

Construction Administration fee is based on a percentage of the as bid construction cost and the percentage used is based on the type of proposed work, as defined in the original Agreement. The fees for this project will be based on the "Sanitary/Storm Sewer Construction" rates in the fee table.

Construction Inspection Services will be provided for \$700.00 per crew day as described in the original Agreement. The original budget will be that of the Crew Day bid amount of the awarded Contractor.

CONSTRUCTION ADMINISTRATION:	$\$270,011.00 \times 6.75\%$	\$18,225.74
CONSTRUCTION INSPECTION:	$\$700.00/\text{Crew Day} \times 20 \text{ Days}$	<u>\$14,000.00</u>
TOTAL:		\$32,225.74

If you have any questions regarding this matter, please give me a call at your earliest convenience.

Thank you,

SPALDING DEDECKER ASSOCIATES, INC.

Ghassan K. Dahoui, PE  
Project Manager

cc: T. Meadows, D. Richmond, T. Reynolds