



cityofnovi.org

# CITY of NOVI CITY COUNCIL

**Agenda Item 3  
August 11, 2008**

**SUBJECT:** Approval to award a construction contract for the Bishop and Taft Regional Stormwater Detention Basin Improvements project to Anglin Civil Constructors, Inc., the lowest qualified bidder, in the amount of \$382,977.15.

**SUBMITTING DEPARTMENT:** Engineering

**CITY MANAGER APPROVAL:**

<b>EXPENDITURE REQUIRED</b>	<b>\$214,316.33 (Taft Basin) \$168,660.83 (Bishop Basin)</b>
<b>AMOUNT BUDGETED</b>	<b>\$173,000 (Taft Basin) \$122,000 (Bishop Basin) Both projects are offset by 50% grant match for eligible components up to \$202,500</b>
<b>APPROPRIATION REQUIRED</b>	<b>N/A</b>
<b>LINE ITEM NUMBER</b>	<b>210-211.00-865.009 (Taft Basin) 210-211.00-865.132 (Bishop Basin)</b>

## BACKGROUND INFORMATION:

The City of Novi was awarded a 50% matching federal grant through the Rouge River National Wet Weather Demonstration Project for improving the Taft and Bishop regional stormwater detention basins (see attached location map). The Phase II Storm Water Master Plan completed in 2006 recommended that five regional basins rated as "high priority" be improved within two years - primarily because they provide limited attenuation of flow during storm events, especially storms with durations and intensities that occur with a relatively high frequency. The project will include the retrofitting of the outlet control structures at both basins to provide attenuation at high frequency events (i.e., 1, 2, and 10-year storms) to reduce the bank full flows which cause stream bank erosion. The engineering firm for this project is Orchard, Hiltz & McCliment (OHM).

Three bids were received and opened on July 23, 2008 following a public bid solicitation period. The low bidder is Anglin Civil Constructors, Inc. Anglin's bid is recommended as being in the best interest of the City as it is responsive (i.e., Anglin has complied with all requirements of the bidding instructions) and it is the lowest price. (OHM's award recommendation letter dated July 30, 2008 is attached). A summary of the three bids is as follows:

<b>Company</b>	<b>Bid Amount</b>
<b>Anglin Civil Constructors</b>	<b>\$382,977.15</b>
ABC Paving Co.	\$450,197.00
Pamar Enterprises	\$629,303.00

Anglin has satisfactorily completed several city projects in the past, including such recent project as the Walled Lake Diversion Sewer and Haggerty Detention Basin. Construction is scheduled to begin in August 2008 and will be completed in November 2008.

**RECOMMENDED ACTION:** Approval to award a construction contract for the Bishop and Taft Regional Stormwater Detention Basin Improvements project to Anglin Civil Constructors, Inc., the lowest qualified bidder, in the amount of \$382,977.15.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Capello				
Council Member Crawford				
Council Member Gatt				

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

July 30, 2008

Mr. Brian Coburn, PE  
CITY OF NOVI  
45175 W. Ten Mile Road  
Novi, Michigan 48375-3024



Regarding: **Bishop and Taft Regional Stormwater Detention Basin Improvements**  
Letter of Recommendation

Dear Mr. Coburn:

On July 23, 2008 at 3:00 pm, bids were received for the above referenced project. We received a total of three bids. The results for the bids are as follows:

Contractor	Total Bid Amount
Anglin Civil Constructors, Inc.	\$382,977.15
ABC Paving Company	\$450,197.00
Pamar Enterprises, Inc.	\$629,303.00

Our Engineer's Opinion of Cost for this project was \$451,950.00. The project scope under the Contract consists of furnishing all materials, equipment, and labor necessary to rehabilitate the Taft and Bishop regional detention basins including replacing/modifying the outlet structures, re-grading and replanting the detention basins as well as all necessary restoration in accordance with the plans and specifications.

Anglin Civil Constructors, Inc. out of Novi, Michigan is the apparent low bidder on this project. They have 18 years of experience and have a bonding capacity of \$20,000,000. In general, they have received satisfactory recommendations from references that have them currently under contract or who have worked with them recently. Based on our findings, we recommend award of this contract to Anglin Civil Constructors, Inc in the amount of \$382,977.15 based on the bid unit prices.

Digital files of this letter and a corrected, detailed bid tabulation have been emailed to your office. If you have any questions or require additional information, please feel free to contact this office.

Sincerely,  
ORCHARD, HILTZ, & McCLIMENT, INC.

A handwritten signature in black ink that reads "Ronald A. Cavallaro, Jr. FOR". The signature is written in a cursive style.

Ronald A. Cavallaro, Jr., P.E.

Cc. Rob Hayes, City of Novi  
Tim Kuhns, OHM

Enclosure: Bid tab

P:\0126\_0165\0163080010\_Taft\_Bishop\_Regional\_Basin\_Retrofit\EWRC\ Bid Recommendation - Taft&Bishop.doc

Tabulation for Bids Received on Wednesday, July 23, 2008 @ 3:00 pm  
 Bishop and Taft Regional Stormwater Detention Basin Improvements  
 City of Novi, Oakland County, Michigan  
 OHM Job No.: 0163-08-0100

Anglin Civil Constructors  
 42750 Grand River Ave.  
 Novi, MI 48375

ABC Paving Company  
 2650 Van Horn Rd.  
 Trenton, MI 48183

Pamar Enterprises, Inc.  
 58021 Gratiot Ave.  
 New Haven, MI 48048

Phone: 248.380.7860

Phone: 734.676.2020

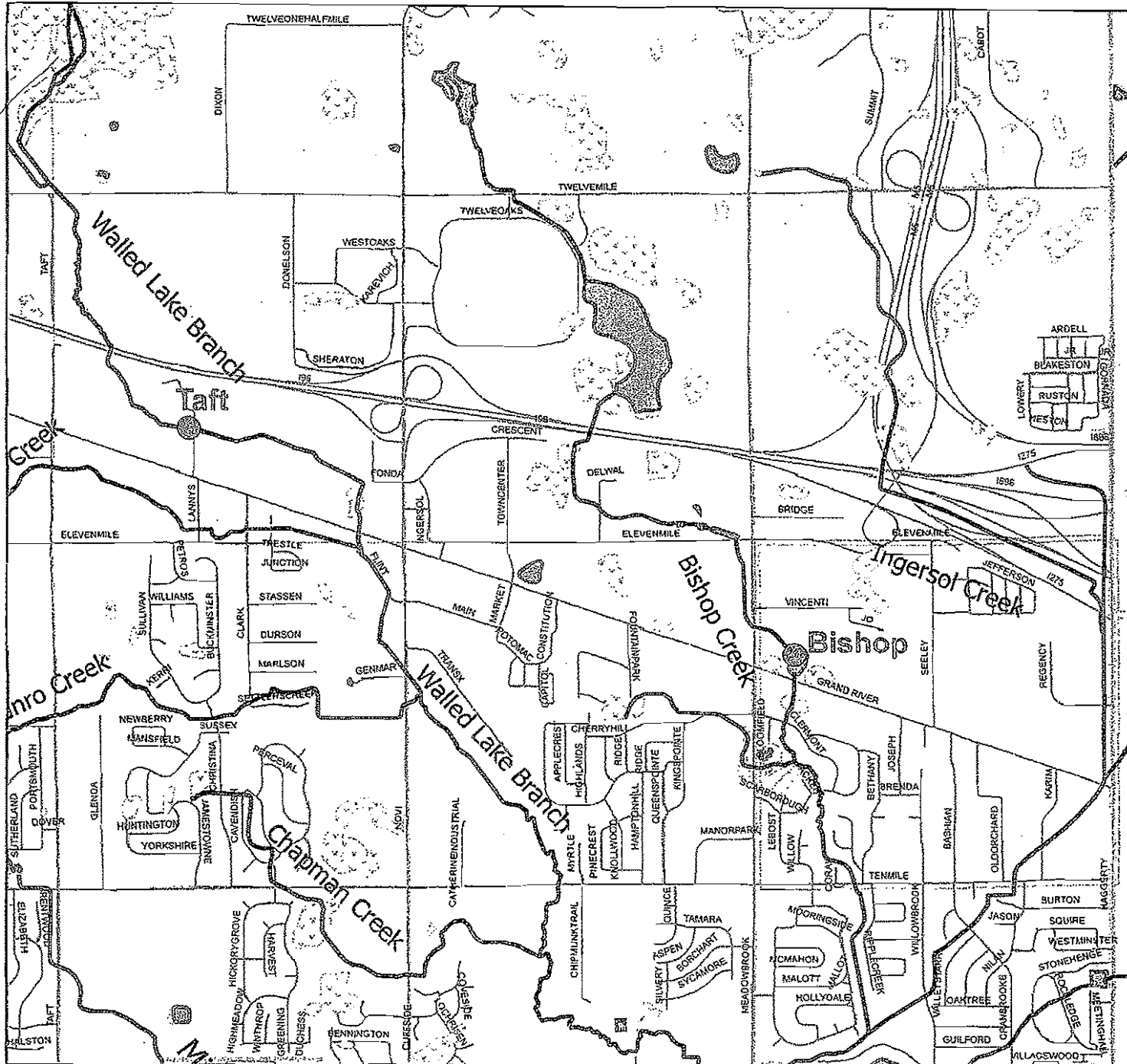
Phone: 586.749.8593

Item No.	Description	Estimated Quantity	Unit		Unit		Unit		
			Price	Amount	Price	Amount	Price	Amount	
1)	Mobilization, max. \$15,000	1 LS	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	
2)	Audio Video Survey	1 LS	\$1,811.25	\$1,811.25	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	
3)	Soil Erosion and Sedimentation Control	1 LS	\$3,450.00	\$3,450.00	\$42,000.00	\$42,000.00	\$10,000.00	\$10,000.00	
4)	Traffic Maintenance and Control	1 LS	\$5,750.00	\$5,750.00	\$13,000.00	\$13,000.00	\$10,000.00	\$10,000.00	
5)	Remove Storm Sewer, 42" diameter	100 LF	\$46.00	\$4,600.00	\$14.65	\$1,465.00	\$2.00	\$200.00	
6)	Remove Outlet Control Structure	2 EA	\$2,875.00	\$5,750.00	\$1,900.00	\$3,800.00	\$500.00	\$1,000.00	
7)	Taft Basin Earthwork	1 LS	\$26,335.00	\$26,335.00	\$165,000.00	\$165,000.00	\$150,000.00	\$150,000.00	
8)	Bishop Basin Earthwork	1 LS	\$60,592.00	\$60,592.00	\$37,000.00	\$37,000.00	\$125,000.00	\$125,000.00	
9)	Maintain Stream Flow	2 EA	\$11,250.00	\$22,500.00	\$17,400.00	\$34,800.00	\$45,000.00	\$90,000.00	
10)	42" C76, Class IV Storm Sewer	35 LF	\$195.50	\$6,842.50	\$135.00	\$4,725.00	\$200.00	\$7,000.00	
11)	Salvage and Reinstall Culvert End Section, Concrete 24"	1 EA	\$2,875.00	\$2,875.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	
12)	6' x 6' Outlet Control Structure @ Bishop Basin	1 EA	\$19,608.00	\$19,608.00	\$16,500.00	\$16,500.00	\$25,000.00	\$25,000.00	
13)	Outlet Structure Modifications @ Taft Basin	1 EA	\$5,750.00	\$5,750.00	\$16,500.00	\$16,500.00	\$6,500.00	\$6,500.00	
14)	6' Diameter Storm Manhole	1 EA	\$4,600.00	\$4,600.00	\$3,100.00	\$3,100.00	\$5,500.00	\$5,500.00	
15)	Turf Paver Access Drive	500 SF	\$18.40	\$9,200.00	\$18.00	\$9,000.00	\$17.05	\$8,525.00	
16)	Concrete Sidewalk, 6"	2400 SF	\$6.33	\$15,192.00	\$5.75	\$13,800.00	\$3.25	\$7,800.00	
17)	Deciduous Tree	12 EA	\$632.50	\$7,590.00	\$356.00	\$4,272.00	\$501.00	\$6,012.00	
18)	Bareroot Shrub, 24-36 inch	190 EA	\$9.66	\$1,835.40	\$48.00	\$9,120.00	\$31.00	\$5,890.00	
19)	Plant Plug	1600 EA	\$4.31	\$6,896.00	\$4.75	\$7,600.00	\$5.86	\$9,376.00	
20)	Habitat Structures, Whole Tree	2 EA	\$2,875.00	\$5,750.00	\$3,500.00	\$7,000.00	\$1,000.00	\$2,000.00	
21)	Taft Basin Restoration & Seeding	1 LS	\$8,970.00	\$8,970.00	\$16,700.00	\$16,700.00	\$15,000.00	\$15,000.00	
22)	Bishop Basin Restoration & Seeding	1 LS	\$2,530.00	\$2,530.00	\$8,640.00	\$8,640.00	\$17,000.00	\$17,000.00	
23)	Taft Basin Embankment Heavy Rip Rap	3500 SY	\$36.80	\$128,800.00	\$2.25	\$7,875.00	\$20.00	\$70,000.00	
24)	Project Cleanup, \$5,000 minimum	1 LS	\$5,750.00	\$5,750.00	\$5,000.00	\$5,000.00	\$35,000.00	\$35,000.00	
25)	Materials Testing Allowance	1 LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	
TOTAL BID AMOUNT					<u>\$382,977.15</u>		<u>\$450,197.00</u>		<u>\$629,303.00</u>

CORRECTIONS

- 1 Anglin line 16 multiplication error
- 2 Anglin line 19 multiplication error
- 3
- 4

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# City of Novi, MI



## MDEQ CMI Grant Application

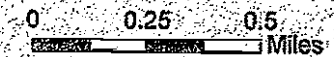
### Regional Basin Retrofit for Water Quality Improvements

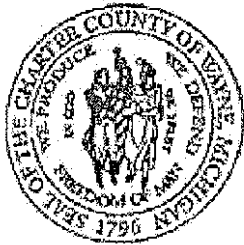
#### Exhibit 1: Site Location Map



#### Legend

- Detention Basin Location
- Streams
- Open Water
- Natural Wetlands
- Municipal Boundary





Wayne County  
Department of Environment  
Watershed Management Division  
**MEMORANDUM**

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To: Kurt Giberson, Chair  
Alliance of Rouge Communities  
From: Kelly A. Cave, Director *KAC*  
Re: Round VIII Subgrant Program  
Rouge River National Wet Weather Demonstration Project  
Date: 21 June 2007

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Wayne County is very pleased to announce the recommendations for projects to receive funding under the Rouge VIII Subgrant Program of the Rouge River National Wet Weather Demonstration Project (Rouge Project).

The *Round VIII Notice of Grant Availability* (NGA) was publicized on March 16, 2007 after review by the ARC Technical Committee. Proposals were received on May 14, 2007 as follows:

1. **Round VIII-Part A:** This part is for activities related to control of combined sewer overflows (CSOs) and sanitary sewer overflows (SSOs) to the Rouge River. The target allocation of grant funding for Round VIII-Part A was \$ 800,000 (\$ 2,000,000 in total project costs). There were two proposals received by the County under this part for \$3,059,490 in total project costs (\$1,223,796 federal; \$1,835,694 local share).
2. **Round VIII-Part B:** This part is for activities related to the responsibilities under the MDEQ Storm Water General Permit and located within the Rouge River Watershed. The target allocation of grant funding for Round VIII-Part B was \$ 1,300,000 (\$ 2,000,000 in total project costs). There were 20 proposals received by the County under this part for \$3,808,309 in total project costs (\$ 1,863,878 federal; \$1,944,431 local share).

The proposals were reviewed by a five person selection committee based on criteria published in the NGA. The attached tables present the recommendations for awards under the Round VIII subgrant program. Under Part A (CSO/SSO control), there were two projects awarded funding. Under Part B (Stormwater/Watershed Management), there were 12 projects awarded funding. These projects are recommended for funding pending agreement by the agency to required changes to and conditions on the scope of work and budget for the project. The required changes and conditions will be discussed with the agency at the project startup meeting. The projects recommended for funding are pending approval of Wayne County Commission.

In addition, Wayne County anticipates that additional Rouge Project funding will be available for ARC activities during 2008.

**Rouge River National Wet Weather Demonstration Project**  
**Projects Recommended for Funding**  
**Round VIII Part A Federal Grants for CSO/SSO Control Projects**

Project Number	Lead Agency	Project Description	Federal Share
RVIII-A-01	WCDOE- Engineering	North Huron Valley / Rouge Valley Sewer System Evaluation Project	\$395,237
RVIII-A-02	City of Dearborn	Sewer Separation of CSO Outfall 012	\$404,763
<b>Total</b>			<b>\$800,000</b>

Proposals Submitted May 14, 2007

CSO=Combined Sewer Overflow

SSO=Sanitary Sewer Overflow

SW = Storm Water

**NOTE:** These projects are recommended for funding pending agreement by the agency to required changes to and conditions on the scope of work and budget for the project. The required changes and conditions will be discussed with the agency at the project startup meeting. The projects recommended for funding are pending on approval of Wayne County Commission.

**Rouge River National Wet Weather Demonstration Project**  
**Projects Recommended for Funding**  
**Round VIII-Part B Federal Grants for Storm Water General Permit Activities**

Project Number	Lead Agency	Project Description	Federal Share
RVIII-B-01	South Oakland County Water Authority	Rouge-Friendly Lawns & Landscapes; Demonstration Projects & Public Education	\$35,000
RVIII-B-02	Friends of the Rouge	Public Education and Involvement Projects - Round VIII	\$265,393
RVIII-B-04	University of Michigan - Dearborn	Storm Water Education - Round VIII	\$165,516
* RVIII-B-05	City of Novi	Regional Basin Retrofit for Water Quality Improvements	\$202,500 *
RVIII-B-06	Bloomfield Township	Haskell Detention Basin Enhancement	\$74,344
RVIII-B-08	Northville Twp	Water Quality Monitoring and SWPPI Activities	\$44,923
RVIII-B-09	City of Southfield	Beech Woods Naturalized Streambank and Soil Erosion Control Project	\$40,260
RVIII-B-12	Van Buren Twp	Vegetation Enhancements for Improved Pollutant Removal Efficiencies	\$50,500
RVIII-B-15	City of Farmington Hills	Drivers Pond Removal and Stream Restoration Design	\$274,000
RVIII-B-16	Cranbrook	Rouge River Water Festival @ Cranbrook 2006	\$30,855
RVIII-B-19	Canton Township	Canton Detention Basin Enhancement - Round VIII	\$100,016
RVIII-B-20	Canton Township	Workman Elementary Schoolyard Habitat	\$23,050
<b>Total</b>			<b>\$1,314,545</b>

Proposals Submitted May 14, 2007

CSC=Combined Sewer Overflow

SSO=Sanitary Sewer Overflow

SW = Storm Water

**NOTE:** These projects are recommended for funding pending agreement by the agency to required changes to and conditions on the scope of work and budget for the project. The required changes and conditions will be discussed with the agency at the project startup meeting. The projects recommended for funding are pending on approval of Wayne County Commission.