



CITY of NOVI CITY COUNCIL

**Agenda Item O
July 28, 2008**

SUBJECT: Approval of the final balancing change order and final payment in the amount of \$73,178.75 to Anglin Civil Constructors, Inc. for the Walled Lake Diversion Sewer project, located at the intersection of West Park Drive and West Road.

SUBMITTING DEPARTMENT: Engineering *RH*

CITY MANAGER APPROVAL: *[Signature]*

BACKGROUND INFORMATION:

The City's consulting engineer for this project (FTC&H) administered this contract for the construction of diversion sewer to allow the City to divert sanitary flow from the Walled Lake/Novi Wastewater Treatment Plant to the North Huron Valley/Rouge Valley Interceptor System during periods of heavy flow. Constructing this diversion system has allowed the City to continue to obtain sanitary sewer construction permits in the Walled Lake District.

FTC&H has executed and submitted the attached documents verifying the final contract payment amount that is due to the construction contractor, Anglin Civil Constructors, Inc. of Novi, (FTC&H's Final Pay Estimate No. 3 and Balancing Change Order No. 2, attached).

The sanitary sewer construction work performed by the contractor was in substantial compliance with the plans and specifications, and final payment in the amount of \$73,178.75 is appropriate. In addition, the City Attorney has reviewed supporting documentation and found it to be in an acceptable form.

The original contract was approved at the February 5, 2007 City Council meeting in the amount of \$166,775.00. The final payment brings the total in construction expenditures on this project to \$162,846.77 (actual quantities were less than estimated).

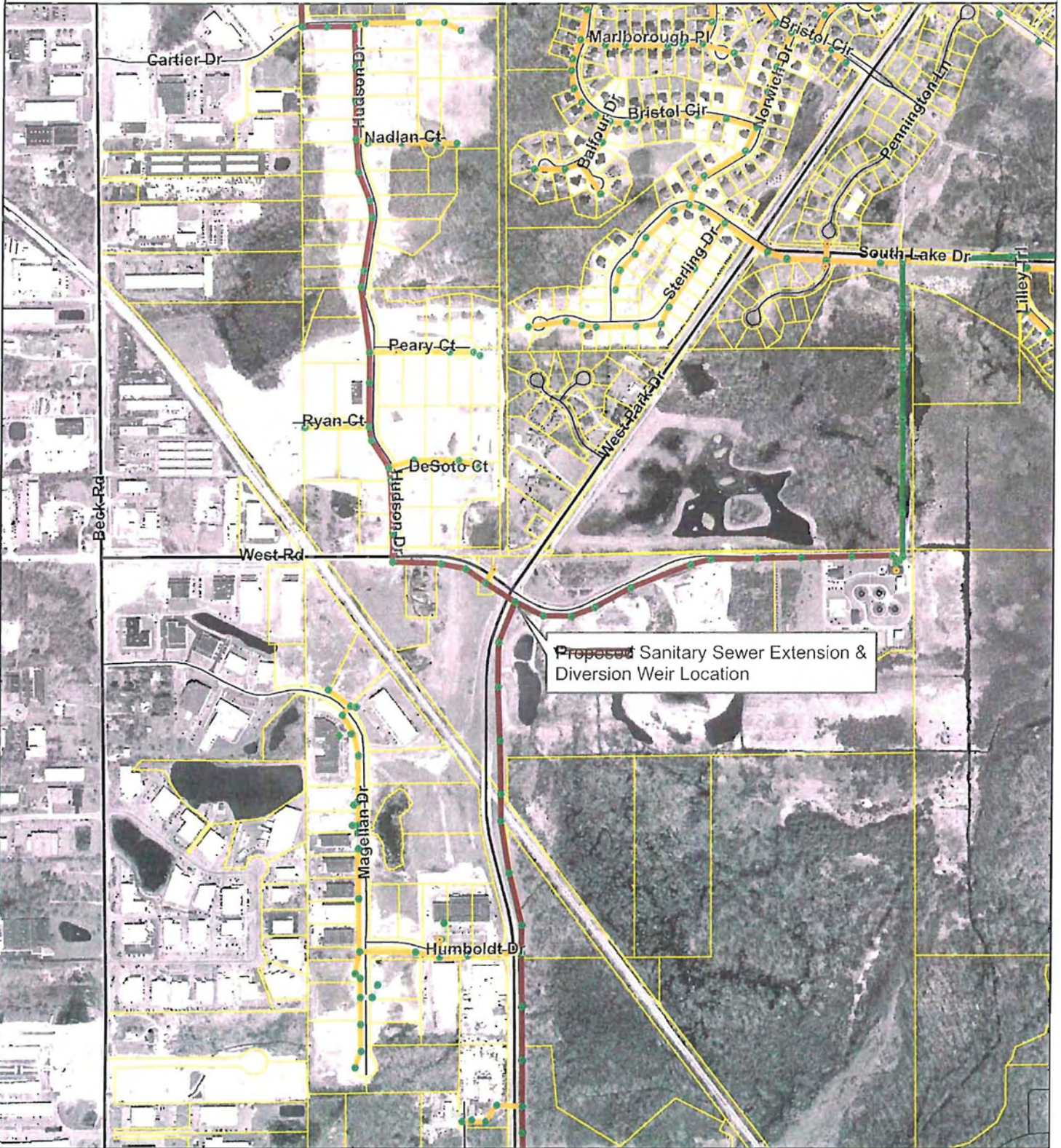
RECOMMENDED ACTION: Approval of the final balancing change order and final payment in the amount of \$73,178.75 to Anglin Civil Constructors, Inc. for the Walled Lake Diversion Sewer project, located at the intersection of West Park Drive and West Road.

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

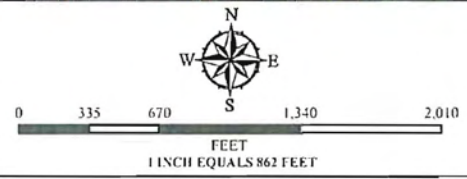
	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Staudt				

Exhibit B - Location Map

Walled Lake Diversion Sewer



CITY OF NOVI
 GEOGRAPHIC INFORMATION SYSTEMS OFFICE
 DEPARTMENT OF INFORMATION TECHNOLOGY
 NOVI CITY HALL/CIVIC CENTER
 45175 W. TEN MILE ROAD
 NOVI, MI 48375-3024
 (248) 347-3279
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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.

Client: City of Novi
 Project: Walled Lake Diversion Sewer - G06256C1
 Contractor: Anglin Civil Constructors, Ltd.

Pay Estimate No.: 3
 Period: 6/2/07 - 4/25/08
 Progress or Final: Final payment

Item No.	Item Description	Unit	Original Authorized Quantity	CM#2	Final Authorized Quantity	Unit Price	Quantity This Estimate	Amount This Estimate	Quantity Previously Paid	Quantity Paid to Date	Total Amount Earned to Date
1	Mobilization (\$18,000 Maximum)	LS	1		1	\$11,500.00		\$ -	1.0	1.0	\$ 11,500.00
2	Audio-Visual Coverage	LS	1	-1	0	\$1,000.00		\$ -	-	-	\$ -
3	Remove Bituminous Pathway	SY	85	-8.39	76.61	\$15.00		\$ -	76.6	76.6	\$ 1,149.15
4	Remove Sewer, 18-inch Diameter RCP	LF	25	-12	13	\$100.00		\$ -	13.0	13.0	\$ 1,300.00
5	Traffic Control	LS	1		1	\$20,000.00	0.40	\$ 8,000.00	0.6	1.0	\$ 20,000.00
6	Traffic Signal	LS	1		1	\$17,500.00	0.25	\$ 4,375.00	0.8	1.0	\$ 17,500.00
7	8-foot concrete Pathway	SY	85	-8.39	76.61	\$42.00		\$ -	76.6	76.6	\$ 3,217.62
8	18-inch Reinforced Concrete Sanitary Sewer, Class V	LF	18	-5	13	\$250.00		\$ -	13.0	13.0	\$ 3,250.00
9	60-inch Precast Concrete Manhole Structure, MH-2	EA	1		1	\$4,500.00		\$ -	1.0	1.0	\$ 4,500.00
10	NH/RV Flume Manhole	LS	1		1	\$30,000.00	0.50	\$ 15,000.00	0.5	1.0	\$ 30,000.00
11	Control Valve Structure MH-1	LS	1		1	\$29,330.00	0.50	\$ 14,665.00	0.5	1.0	\$ 29,330.00
12	Sewer Tap, 18-inch	EA	1		1	\$4,000.00		\$ -	1.0	1.0	\$ 4,000.00
13	Soil Erosion and Sedimentation Control Measures	LS	1		1	\$2,500.00	0.50	\$ 1,250.00	0.5	1.0	\$ 2,500.00
14	Grading and Restoration	LS	1		1	\$4,000.00	0.25	\$ 1,000.00	0.8	1.0	\$ 4,000.00
15	Class II Fill	CY	350		350	\$20.00		\$ -	350.0	350.0	\$ 7,000.00
16	Materials Compaction Testing	LS	1		1	\$5,000.00	0.50	\$ 2,500.00	0.5	1.0	\$ 5,000.00
17	Oakland County Drain Commissioner Inspection Permit Allowance	LS	1		1	\$1,100.00	0.50	\$ 550.00	0.5	1.0	\$ 1,100.00
18	Road Commission for Oakland County Force Account Allowance	LS	1		1	\$2,500.00	1.00	\$ 2,500.00	-	1.0	\$ 2,500.00
19	Electrical Allowance	LS	1		1	\$15,000.00	1.00	\$ 15,000.00	-	1.0	\$ 15,000.00

Current Earnings: \$ 64,840.00 Total Earnings: \$ 162,846.77
 - Current Retainage: -\$8,338.75 -Retainage to Date: \$0.00
 - Current Adjustments: \$ - -Adjustments to Date: \$ -
 Current Net Estimate: \$ 73,178.75 Total Net: \$ 162,846.77
 Amount Due This Estimate: \$ 73,178.75

I certify that the items included on this report constitute my estimate of the work completed and due the contractor as of the period covered by this document.

Karen E. Carnago
 Ms. Karen E. Carnago, P.E. - Project Engineer

I have reviewed this estimate on behalf of Anglin Civil Constructors and concur with the quantities presented for the period covered by this document.

Edwin J. Anglin
 authorized signature

Printed Name: EDWIN J. ANGLIN

** Do Not Release Check until ok from Secret*

OK R.H.T. 5/23/08

Contract Summary
 Amount Previously Paid: \$89,668.02
 Total Paid: \$162,846.77
 Original Contract: \$166,775.00
 CM#1 \$0.00
 CM#2 -\$3,928.23
 Total Contract Amount: \$162,846.77
 % of Original Percentage of Contract Completed: 97.6%
 100%

PO #90154 542,542.00-160,540
6-27-08 P.B.
\$12,703.18
bal not work-PO



Contract Modification

Fishbeck, Thompson, Carr and Huber, Inc.

4/29/2008 3:08 PM

FieldManager 4.3a

Contract: _G06256CI, Walled Lake Diversion Sewer

Cont. Mod. Number 2	Revision Number	Cont. Mod. Date 4/29/2008	Net Change \$-3,928.23	Awarded Contract Amount \$166,775.00
Route				
Contract Location				

Short Description

Final Balance All Items

Description of Changes

It is requested that the following items be balanced as shown below.

Increases / Decreases

Project: G06256CI, Walled Lake Diversion Sewer

CNST

Category: 0001, Walled Lake Diversion Sewer

Item Description	Item Code	Prop.Ln.	Item Type	Unit	Quantity Chg.	Unit Price	Dollar Value
Remove Bituminous Pathway	_6256003	0003	Original	SYD	-8.390	15.00000	\$-125.85
Remove Sewer, 18-inch Diameter RCP	_6256004	0004	Original	LF	-12.000	100.00000	\$-1,200.00
8-foot concrete Pathway	_6256007	0007	Original	SYD	-8.390	42.00000	\$-352.38
18-inch Reinforced Concrete Sanitary Sewer, Class V	_6256008	0008	Original	LF	-5.000	250.00000	\$-1,250.00

Subtotal for Category 0001: \$-2,928.23
Subtotal for Project G06256CI: \$-2,928.23



Contract Modification

Fishbeck, Thompson, Carr and Huber, Inc.

4/29/2008 3:08 PM

FieldManager 4.3a

New Items

Project: G06256CI, Walled Lake Diversion Sewer

Category: 0001, Walled Lake Diversion Sewer

Item Description	Item Code	Prop.Ln.	ItemType	Unit	Proposed Qty.	Unit Price	Dollar Value
Audio-Visual Coverage - Deduct Payment	_6256002	0020	Adjustment	LS	-1.000	1,000.00000	\$-1,000.00

Reason: The Audio-Visual Coverage work was not completed. This item will deduct the payment from the original lump sum item.

Subtotal for Category 0001: \$-1,000.00

Subtotal for Project G06256CI: \$-1,000.00

Time Extensions

Site	Site Description	Site Type	Original Compl. Date/Days	Additional No. of Days	New Compl. Date/Days
00	Overall Contract Site	Completion Date	5/28/2007		5/1/2008

Reason: No liquidated damages are to be assessed on this project.

Prime Contractor: Anglin Civil Constructors, Ltd.		City of Novi	
 (Signature)	5/5/08 (Date)	 (Signature)	5/23/08 (Date)
Prepared by Project Engineer: Ms. Karen E. Carnago, P.E. - FTC&H			
 (Signature)	5/2/08 (Date)		