



# CITY of NOVI CITY COUNCIL

**Agenda Item I**  
**September 22, 2008**

**SUBJECT:** Approval of Traffic Control Device Agreement with the Road Commission for Oakland County (RCOC) for the reconstruction and modernization of the existing traffic signal at Wixom Road and Ten Mile Road. The agreement includes a 50% construction cost share by the City, estimated to be \$55,000, and a 50% maintenance cost share by the City.

**SUBMITTING DEPARTMENT:** Engineering *RJA*

**CITY MANAGER APPROVAL:** *[Signature]*

<b>EXPENDITURE REQUIRED</b>	<b>\$ 55,000</b>
<b>AMOUNT BUDGETED</b>	<b>\$ 0</b>
<b>APPROPRIATION REQUIRED</b>	<b>\$ 55,000 (2009-10 Budget)</b>
<b>LINE ITEM NUMBER</b>	<b>To be determined</b>

**BACKGROUND INFORMATION:**

The Road Commission for Oakland County (RCOC) has included the modernization of the traffic signal at the intersection of Wixom Road and Ten Mile Road in its 2009 program. The enclosed Agreement for Traffic Control Device must be executed before the project can be initiated.

The traffic signal at the intersection of Wixom Road and Ten Mile Road will be modernized to include a dedicated left turn signal for the eastbound Ten Mile traffic (see August 28, 2008 letter from RCOC for additional detail). Novi has jurisdiction over two legs of the intersection (Wixom Road north and south of the intersection) resulting in 50% of the cost allocation attributable to Novi. The total cost of the project is \$110,000, with Novi's share of the construction cost estimated to be \$55,000.

The standard agreement from RCOC has been reviewed by the Engineering Department and the City Attorney's office and approval is recommended. Construction would be completed as part of a larger signalization project by the Road Commission for Oakland County sometime during the summer of 2009.

**RECOMMENDED ACTION:** Approval of Traffic Control Device Agreement with the Road Commission for Oakland County (RCOC) for the reconstruction and modernization of the existing traffic signal at Wixom Road and Ten Mile Road. The agreement includes a 50% construction cost share by the City, estimated to be \$55,000, and a 50% maintenance cost share by the City.

	<b>1</b>	<b>2</b>	<b>Y</b>	<b>N</b>
<b>Mayor Landry</b>				
<b>Mayor Pro Tem Capello</b>				
<b>Council Member Crawford</b>				
<b>Council Member Gatt</b>				

	<b>1</b>	<b>2</b>	<b>Y</b>	<b>N</b>
<b>Council Member Margolis</b>				
<b>Council Member Mutch</b>				
<b>Council Member Staudt</b>				



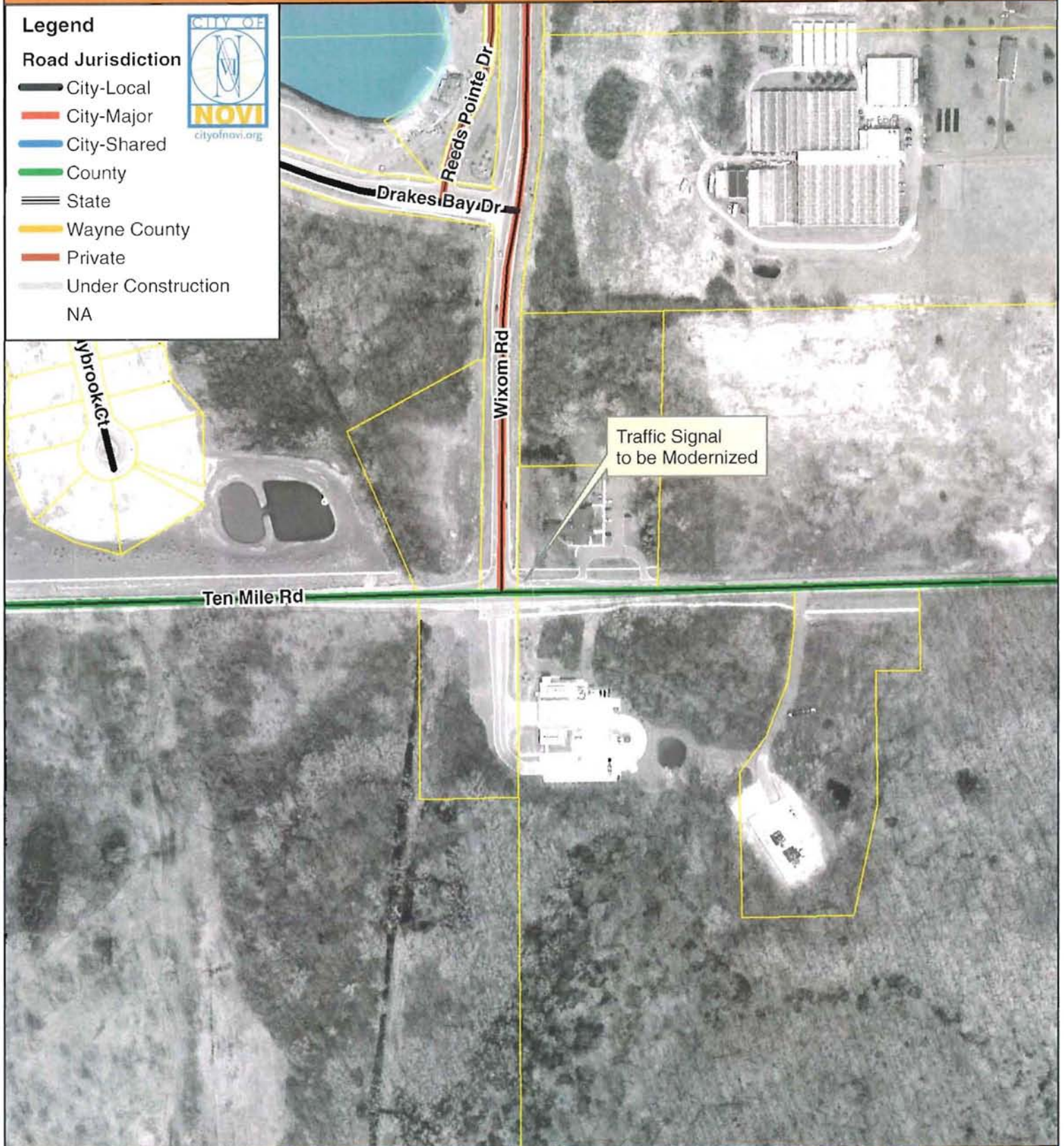
# LOCATION MAP

## Wixom Road and Ten Mile Signal Modernization

### Legend

#### Road Jurisdiction

-  City-Local
-  City-Major
-  City-Shared
-  County
-  State
-  Wayne County
-  Private
-  Under Construction
- NA



### CITY OF NOVI

DEPARTMENT OF PUBLIC WORKS  
 26300 DELWAL  
 NOVI, MI 48375-3024  
 (248) 735-8640  
 MAP AUTHOR: Brian Coburn, PE



1 INCH = 309 FEET

MAP PRINT DATE: 9/15/08

#### 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.



August 28, 2008



Mr. Brian T. Coburn, P.E.  
City of Novi  
Engineering Department  
45175 W. Ten Mile Road  
Novi, MI 48375

Dear Mr. Coburn,

Enclosed are three copies of the traffic signal modernization agreement for the traffic signal at Ten Mile Road and Wixom Road.

A recent traffic engineering study has determined that a left turn phase is warranted particularly for the eastbound Ten Mile Road traffic turning onto northbound Wixom Road. The study indicated this based upon traffic volumes and crash history susceptible to correction by the addition of the left turn phase signal. This will require modernization of the signal installation to a box span design with the Flashing Yellow Arrow left turn phase. Upgrades will include modifications to the existing sidewalk and ramps to be in compliance with the current ADA guidelines. The cost of this modernization has been estimated at \$110,000 with the City of Wixom's share of the cost being 50% equal to \$55,000.

NOVI

Please have all the agreements signed by the appropriate official and return them to us for further processing. In addition, please provide a copy of a resolution approved by your Board in support of this signal modernization agreement. A fully executed copy of the agreement will be returned to you for your records.

If you have any question, please feel free to contact me at (248) 858-4830.

Sincerely,

Charles Keller, P.E.  
Traffic Engineer  
Traffic-Safety Department

CK/ch

Enclosures

*Board of Road Commissioners*

*Larry P. Creke  
Commissioner*

*Richard G. Skariff  
Commissioner*

*Eric S. Wilson  
Commissioner*

*Brent O. Bair  
Managing Director*

*Dennis G. Kolar  
Deputy Managing Director  
County Highway Engineer*

Traffic Safety Department

2420 Pontiac Lk. Rd.  
Waterford, MI  
48328

248-858-4802

FAX  
248-858-4814

TDD  
248-858-8005

[www.rcocweb.org](http://www.rcocweb.org)

STATE OF MICHIGAN  
 BOARD OF COUNTY ROAD COMMISSIONERS  
 OAKLAND COUNTY  
 AGREEMENT FOR TRAFFIC CONTROL DEVICE

Type of Work: Traffic Signal Modernization

Location: 10 Mile and Wixom Road

Signal No.: C0 980  
 Date Effective:

Under authority of state law and by virtue of resolution formally adopted by their respective governing bodies, the under-signed hereby agree to participate in the cost of installation, maintenance and operation of the above traffic control device on the basis of the following division of costs. (Title to equipment shall remain with the purchasing agency, unless purchased for roads not under the jurisdiction of the Board of County Road Commissioner.) The proportionate share of all costs are to be billed monthly. This agreement is terminable on thirty days written notice by any party.

DIVISION OF COSTS

AGENCY	INSTALLATION		MAINTENANCE
	Percent	Estimated Cost	Percent
Road Commission for Oakland County	50 %	\$ 55,000.00	50 %
City of Novi	50 %	\$ 55,000.00	<u>50 %</u>
Total	100 %	\$ 110,000.00	100 %

It is further agreed that the agency responsible for payment of energy billings and/or leased line interconnection billings included in maintenance costs, shall be the ROAD COMMISSION FOR OAKLAND COUNTY.

It is further agreed that the agency responsible for making original and replacement installations and performing maintenance shall be the ROAD COMMISSION FOR OAKLAND COUNTY.

"In the event the traffic control device referred to in this agreement is located on a road or street that is not under the jurisdiction of the Road Commission for Oakland County, the authority having the jurisdiction over the road or street hereby agrees to save harmless, indemnify, represent, and defend the Road Commission for Oakland County from any and all claims, demands, or suits arising out of or relating to the installation, maintenance and operation of the traffic control device which is the subject matter of this agreement."

"In the event the traffic control device referred to in this agreement is located on a road or street that is under the jurisdiction of the Road Commission for Oakland County and by virtue of this agreement will be maintained by an agency other than the Road Commission for Oakland County, then and in that event the said agency hereby acknowledges that it is undertaking the Road Commission for Oakland County's duty to maintain the said traffic control device and further agrees to provide insurance coverage protecting the Road Commission for Oakland County."

APPROVED:

ROAD COMMISSION FOR OAKLAND COUNTY

Date \_\_\_\_\_

By \_\_\_\_\_  
 Gary Piotrowicz

DIRECTOR OF TRAFFIC-SAFETY  
 Title of Authorized Official

APPROVED:

CITY OF NOVI

Date \_\_\_\_\_

By \_\_\_\_\_

\_\_\_\_\_  
 Title of Authorized Official

\*Certified copy of resolution must be submitted with this form for new installations.