



**CITY of NOVI CITY COUNCIL**

**Agenda Item 5  
March 12, 2012**

**SUBJECT:** Approval of Resolution authorizing participation in the Road Commission for Oakland County's 2012 Tri-Party Program for Road Improvements dedicating \$156,293 of Novi's 2012 allotment of Tri-Party funds to the construction of the Eight Mile Road (Beck Road to Napier Road) Rehabilitation project.

**SUBMITTING DEPARTMENT:** Department of Public Services, Engineering Division *BTc*

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

**BACKGROUND INFORMATION:**

The City of Novi has chosen to participate in the Road Commission for Oakland County's (RCOC) annual Tri-Party Program for Road Improvements for more than 25 years. Costs for projects identified for participation are shared between three entities: the Oakland County Board of Commissioners, RCOC and the local unit of government.

In recent years, Novi has used the Tri-Party program to help fund various intersection signalization projects (Twelve Mile/Cabot, Ten Mile/Taft), as well as major road improvement projects (Grand River Bridge over CSX Railroad, Novi Road Link project from Grand River to Ten Mile, and Grand River Rehabilitation between Novi and Haggerty). Based on fund distribution formulas, Novi's 2012 allocation totals \$156,293, with \$52,098 identified as Novi's cost share (see attached February 8, 2012 letter from RCOC). The allocation and cost share amounts are similar to the 2011 allocation of \$155,524.

Staff recommends that the Eight Mile Road Rehabilitation project (Beck Road to Napier Road) be designated for receipt of the entire \$156,293 of this year's Tri-Party funding for construction in 2013.

The attached Resolution would formally designate the Eight Mile Road Rehabilitation project (Beck Road to Napier Road) project for 2012 Tri-Party funding.

**RECOMMENDED ACTION:** Approval of Resolution authorizing participation in the Road Commission for Oakland County's 2012 Tri-Party Program for Road Improvements dedicating \$156,293 of Novi's 2012 allotment of Tri-Party funds to the construction of the Eight Mile Road (Beck Road to Napier Road) Rehabilitation project.

	1	2	Y	N
Mayor Galt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Fischer				

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

CITY OF NOVI

COUNTY OF OAKLAND, MICHIGAN

**RESOLUTION OF PARTICIPATION**  
**2012 TRI-PARTY PROGRAM**

Minutes of a Meeting of the City Council of the City of Novi, County of Oakland, Michigan, held in the City Hall of said City on March 12, 2012, at 7 o'clock P.M. Prevailing Eastern Time.

PRESENT: Councilmembers \_\_\_\_\_

ABSENT: Councilmembers \_\_\_\_\_

The following preamble and Resolution were offered by Councilmember \_\_\_\_\_ and supported by Councilmember \_\_\_\_\_.

**WHEREAS** ; the Road Commission for Oakland County has invited the City of Novi to participate in the Fiscal Year 2012 Tri-Party Program for road improvements; and

**WHEREAS** ; the Tri-Party Program is a means to provide for improvements to County Roads with funding derived from the local units of government, the County Board of Commissioners, and the Road Commission for Oakland County; and

**WHEREAS** ; the City of Novi supports and strongly encourages the continuation of an annual Tri-Party Program with participation by the local unit of government, the Road Commission for Oakland County and the County Board of Commissioners; and

**WHEREAS** ; \$156,293 has been allocated for Novi with the total 2012 contribution from the City of Novi totaling \$52,098; and,

**WHEREAS** ; the Eight Mile Road Rehabilitation project between Beck Road and Napier Road is funded for construction in 2013.

**NOW THEREFORE, IT IS THEREFORE RESOLVED** that that the Mayor and Council of the City of Novi authorize participation in the Road Commission for Oakland County's 2012 Tri-Party Program for Road Improvements and designate \$156,293 in 2012 Tri-Party funds to the Beck Road Rehabilitation project between Beck Road and Napier Road.

**AYES:**

**NAYS:**

RESOLUTION DECLARED ADOPTED.

\_\_\_\_\_  
Maryanne Cornelius, City Clerk

**CERTIFICATION**

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi, County of Oakland, and State of Michigan, at a regular meeting held this \_\_\_\_\_ day of \_\_\_\_\_, 2012, and that public notice of said meeting was given pursuant to and in full compliance with Act No. 267, Public Acts of Michigan, 1976, and that the minutes of said meeting have been kept and made available to the public as required by said Act.

\_\_\_\_\_  
Maryanne Cornelius, City Clerk  
City of Novi



## MEMORANDUM

**TO:** ROB HAYES, P.E.; DIRECTOR OF PUBLIC SERVICES  
**FROM:** BRIAN COBURN, P.E.; ENGINEERING MANAGER *BTC*  
**SUBJECT:** RCOC TRI-PARTY PROGRAM FOR 2012  
**DATE:** FEBRUARY 29, 2012

3/1/12  
Mayor and Council,  
Some positive news  
regarding the City's share of  
Tri-Party Road Funding.  
Staff is recommending these  
dollars be committed to the  
8 Mile Rehab projected,  
 slated for 2013.  
Victor

We have received the attached letter from Road Commission for Oakland County regarding the 2012 Tri-Party Program. As you will recall, the Tri-Party program provides an annual funding source for roads in which the Road Commission for Oakland County (RCOC), Oakland County, and the community each provide one-third of the funds. It provides the communities with a way to leverage local funds to complete projects on roads under RCOC jurisdiction. Since 1980, this has resulted in a \$5.1 million investment in the City of Novi and has helped Novi fund major improvements such as the Novi Road Link (Ten Mile Road to Main Street) project last summer and the Grand River Rehabilitation (Novi Road to Haggerty Road) project coming this year, among several others.

As stated in the attached letter from the Road Commission for Oakland County, the City of Novi's allotment for the 2012 Tri-Party Program is \$156,293, of which \$52,098 is Novi's share and the \$104,195 balance is split equally between Oakland County and RCOC.

Staff recommends that the 2012 allotment be allocated to Novi's share of the Eight Mile Road (Beck to Napier) Rehabilitation project scheduled for 2013 construction. The Tri-Party funding would offset Novi's \$200,000 share of the project costs with the remaining \$43,707 and our share of the Tri-Party Program to be funded by the Municipal Street Fund.

A resolution in this regard will be prepared for City Council consideration at a future meeting.

cc: Kathy Smith-Roy, Finance Director



*Board of Road Commissioners*

*Ronald J. Fowkes  
Commissioner*

*Gregory C. Jamian  
Commissioner*

*Eric S. Wilson  
Commissioner*

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*Dennis G. Kolar, P.E.  
Managing Director*

*Gary Piotrowicz, P.E., P.T.O.E.  
Deputy Managing Director  
County Highway Engineer*

**31001 Lahser Road  
Beverly Hills, MI  
48025**

**248-645-2000**

**FAX  
248-645-0618**

**TDD  
248-645-9923**

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

February 8, 2012

Mr. Clay J. Pearson, Manager  
City of Novi  
45175 West Ten Mile Road  
Novi, MI 48375-3024

RE: FY 2012 Tri-Party Program

Dear Mr. Pearson:

Your participation is requested in the FY 2012 Tri-Party Program for road improvements. The fiscal year governing this program is October 1, 2011 through September 30, 2012. The Oakland County Board of Commissioners has approved a Tri-Party budget of \$1,000,000 to create a \$3,000,000 program for FY 2012. A total of \$1,500,000 will be designated for townships and a total of \$1,500,000 will be designated for cities and villages.

The distribution formula and method of calculation of Tri-Party allocations have remained the same. For cities and villages, it includes RCOC road miles and three-year average annual accidents. For townships, the most recent census population figures are combined with RCOC road miles and three-year annual accidents. The figures for these three factors (population, miles and accidents) are calculated as the individual community's percentage of the total of each factor in each type of community. For example, county road accidents in a city or village are divided by the total of all county road accidents in all cities and villages. The distribution formulas have been used for years in an attempt to most equitably distribute the Tri-Party dollars.

Separate formulas are used because population in the city/village equation would skew the results toward more densely populated cities with fewer RCOC road miles. In townships, on the other hand, population has been used as a determining factor to prevent the distribution from being skewed toward townships with high road miles and small populations.



**City / Village Formula:** 
$$\text{Community Allocation} = \frac{\text{Ad}_{cv}(\text{Ca} + \text{Rm})}{2}$$

Where:  $\text{Ad}_{cv}$  = Total Amount for distribution to cities and villages  
 $\text{Ca}$  = Community % of total accidents on county roads in cities and villages  
 $\text{Rm}$  = Community % of total county road miles in cities and Villages

(Note that accidents are an annual average for a three-year period)

**Township Formula:** 
$$\text{Community Allocation} = \frac{\text{Ad}_T(\text{Ca} + \text{Pc} + \text{Rm})}{3}$$

Where:  $\text{Ad}_T$  = Total Amount for distribution to townships  
 $\text{Ca}$  = Community % of total accidents on county roads in all townships  
 $\text{Pc}$  = Community % of total population in all townships  
 $\text{Rm}$  = Community % of total county road miles in all townships

(Note that accidents are an annual average for a three-year period)

Although the method of calculation and the factors involved have remained the same, the data on which those calculations are based has changed.

Population data is changed only after a decennial census or if the Census Bureau issues revised numbers. The data includes the most recent counts from the 2010 Census.

As in the past, RCOC road miles change only to reflect abandonments, transfers of jurisdiction, or the addition of new roads.

The most recent traffic accident data available from the Traffic Improvement Association of Oakland County is used. Currently, the average annual crash data from 2008 to 2010 is being used.

Your program allotment for this year is **\$156,293** and your share will be **\$52,098**. Any funds remaining from previous years may be added to this amount for use in 2012. You may use these funds to select a new project, continue funding a previous project, or save them to fund a future project. If you do not wish to participate in this program, please contact me as soon as possible, so your program allotment can be distributed as necessary.



The Tri-Party Program operates as follows:

- 1) Projects intended for 2012 construction must be selected and submitted with a local board or council resolution by May 2012.
- 2) Project locations and concepts must be approved by the County Board and the Road Commission for Oakland County.
- 3) Projects that cost more than the allocation may be selected if the community provides the additional funding.
- 4) Funding agreements must be executed before bids are accepted. On larger projects, a separate agreement for preliminary engineering or right of way may be executed prior to initiation of these phases.
- 5) Projects that improve road safety take precedence over other project types, e.g., congestion or drainage.
- 6) Due to the Road Commission's current road project commitments, preliminary and construction engineering may need to be provided by consultant engineers at a maximum rate of 10% and 15%, respectively, of estimated construction costs.

A schedule of events has been established as detailed below. If you are unable to meet any of the dates below, please inform me as soon as possible.

DEADLINE	ACTIVITY
May 2012	Potential project locations submitted to Programming Division for review.
June 2012	Local council resolutions and project commitments submitted for projects to be constructed in 2012.
July 2012	Project approval for Road Commission and County Board.
July – December 2012	Design, bidding and/or construction period.

I urge you to consider your options for projects now and involve your council members early in the process. Please contact me as soon as possible for cost estimates. The closer we follow the above schedule, the more successful our 2012 Tri-Party construction season will be.



A list of suggested project locations is attached. The list indicates some project possibilities collected from local officials, citizens, police reports, accident locations, Department of Customer Services, and Road Commission staff. The list is not in priority order and most do not yet have cost estimates. Also shown are some typical costs for comparison purposes.

In addition, a historical report of your community's Tri-Party Program participation is also attached. The report lists the projects that have been completed with their associated costs. The report also shows the allocations that have been reserved for future Tri-Party projects.

Please contact me at (248) 645-2000, extension 2266 for further discussion or assistance.

Sincerely,

A handwritten signature in cursive script that reads "Thomas G. Noechel".

Thomas G. Noechel  
Programming Supervisor

TGN/je  
Enclosures



2012 TRI-PARTY PROGRAM  
 CITY OF NOVI  
 ALLOCATION FOR 2012: \$156,293

The following list contains typical safety projects with general costs for your information. Actual project costs will vary depending on location and a preliminary concept and estimate should be requested. Below is the list of potential project sites recommended over the past year or so by citizens and officials; many of these have not been field checked.

SAFETY PROJECTS	GENERAL COSTS
Additional right turn lane at intersection	\$100,000 per approach
Approach paving – subdivision street	\$ 50,000
Approach paving – primary road	\$ 75,000
Passing lane	\$ 60,000
Widen for 150-200' center left-turn lane	\$200,000 per approach
Shoulder paving one side	\$ 45,000 per mile

<b>POTENTIAL PROJECT LOCATIONS</b>
------------------------------------

- |   |                                      |
|---|--------------------------------------|
| Napier Road, Nine Mile Road to Twelve Mile Road | Pave gravel                          |
| Eight Mile Road, Napier Road to Beck Road       | Fund local share (2013 construction) |
| 12 Mile Road, Beck Road to Dixon Road           | Widen                                |

**ROAD COMMISSION FOR OAKLAND COUNTY  
TRI-PARTY PROGRAM  
1980-2012**

City of Novi  
County Commissioner:

8- Philip J. Weipert  
9- Kathy Crawford

PROJECT DESCRIPTION	Date of Agrmt	Project No.	PROJECT												TOTAL	
			1980-99	2000-01	2002-03	2004	2005	2006	2007	2008	2009	2010	2011	2012		
10 Mile @ Lynwood	C	35331	57,900													57,900
Haggerty @ Orchard Hill	C	36131	82,000													82,000
9 Mile @ Haggerty	C	37441	71,250													71,250
G.R. @ Meadowbrook	C	3/23/94 39541	97,016													97,016
G.R. @ Beck-add WB/SB right turn lanes	C	4/20/89 38181	168,566													168,566
12 @ Donelson-signal upgrade	C	6/21/90 40371	7,783													7,783
8 Mile (Meadowbrook-Haggerty)	C	4/7/93 & 7/31/96 40121	251,343													251,343
Haggerty (10-GR)	C	41801	184,469													184,469
8 Mile, Novi to Meadowbrook-reconst/widen to 5 lns	C	2/15/93 & 7/31/96 42151	139,421													139,421
14 Mile @ Decker-reconst inters w/ext NB turn lanes	C	5/3/95 43231	72,960													72,960
Beck/1-96/12 Mile-redesign & reconst w/new signal	C	8/16/95 43131	20,865													20,865
10 Mile @ Taft SCATS signals	C	1/25/01 46201		106,893												106,893
Grand River over CSX Bridge Replacement	C	4/10/03 38853	726,122	223,571	626,745	58,119										1,634,557
12 Mile Rd @ Cabot Drive signal installation	C	5/24/07 49071				135,476										135,476
Grand River, Novi to Haggerty PE	C	4/15/09 49881				26,339	198,661									225,000
Novi Rd "Link", 10 Mile Rd to Grand River Ave.-CON		10/14/10 41531					21,273	342,106	346,373	345,412	345,412	116,980				1,517,556
Grand River, Novi to Haggerty, construction		8/18/11 49881										35,997	155,524			191,521
AMOUNT REMAINING FOR FUTURE PROJECT			0	0	0	0	0	0	0	0	0	0	0	156,293		156,293
<b>TOTAL</b>			<b>1,879,695</b>	<b>330,464</b>	<b>626,745</b>	<b>219,934</b>	<b>219,934</b>	<b>342,106</b>	<b>346,373</b>	<b>345,412</b>	<b>345,412</b>	<b>152,977</b>	<b>155,524</b>	<b>156,293</b>		<b>5,120,869</b>
																5,120,869