



## CITY of NOVI CITY COUNCIL

**Agenda Item 6**  
**March 11, 2013**

**SUBJECT:** Approval of Resolution authorizing participation in the Road Commission for Oakland County's 2013 Tri-Party Program for Road Improvements dedicating Novi's 2013 allotment of \$161,697 to the construction of Eight Mile Road (Beck Road to Napier Road) Rehabilitation Project.

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

**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 (12 Mile/Cabot), as well as major road improvement projects (Novi Road Link project from Ten Mile Road to Grand River Avenue and Grand River Avenue Rehabilitation from Novi Road to Haggerty Road). Based on fund distribution formulas, Novi's 2013 allocation totals \$161,697, with \$53,899 identified as Novi's cost share (see attached February 13, 2013 letter from RCOC). The allocation represents a 3% increase in the 2012 allocation of \$156,293. In late 2012, following a request from City of Novi administration, RCOC's Board approved the use of Tri-Party Funding for non-motorized facilities. Previously, only improvements on or directly abutting a roadway were eligible.

Staff recommends that the Eight Mile Road Rehabilitation project (Beck Road to Napier Road) be designated again this year for receipt of the entire \$161,697 of this year's Tri-Party funding for 2013 construction. The total amount allocated for the local match for the Eight Mile Road project would be \$523,428 (including original 2012 allocation of \$156,293, plus additional 2012 allocation of \$205,438, and 2013 allocation of \$161,697). The current estimated cost for the city's portion of the project is \$531,000. Using Tri-Party funds would limit the actual cost to the City of Novi to \$177,000.

Based on the current construction estimates provided by RCOC for the multi-jurisdictional Eight Mile Road project, the 2013 allocation of Tri-Party funds would complete the City of Novi portion of funding for the Eight Mile Road project. The attached resolution would formally designate the Eight Mile Road Rehabilitation project (Beck Road to Napier Road) for 2013 Tri-Party funding.

The project design is nearing completion and construction is anticipated to commence in summer 2013. The project will include the repaving of Eight Mile Road, but will also include bike lanes between Beck Road and Napier Road on both sides, additional turn lanes, mid-block pedestrian crossings near Garfield Road and ITC Community Sports Park, and

pedestrian improvements at the Beck Road/Eight Mile Road intersection. Despite including these on-road non-motorized facilities, separate low priority off-road facilities are not part of the project's scope. The pathway gaps along the north side of Eight Mile between Beck and Garfield and Garfield and Napier are ranked 76th and 106th, respectively, out of 125 segments City-wide according to the Walkable Novi Committee's Pathway Analysis and Process 2012 Annual Update.

**RECOMMENDED ACTION:** Approval of Resolution authorizing participation in the Road Commission for Oakland County's 2013 Tri-Party Program for Road Improvements dedicating Novi's 2013 allotment of \$161,697 to the construction of Eight Mile Road (Beck Road to Napier Road) Rehabilitation Project.

	1	2	Y	N
Mayor Gatt				
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 11, 2013, 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 2013 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** ; \$161,697 has been allocated for Novi with the total 2012 contribution from the City of Novi totaling \$53,899; 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 2013 Tri-Party Program for Road Improvements and designate \$161,697 in 2013 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 \_\_\_\_\_, 2013, 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



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

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248-645-9923

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

2.14.13 cc: Rob,  
Brian  
Victor  
Nevrus

February 13, 2013

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

RE: FY 2013 Tri-Party Program

Dear Mr. Pearson:

Your participation is requested in the FY 2013 Tri-Party Program for road improvements. The fiscal year governing this program is October 1, 2012 through September 30, 2013. 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 2013. 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:**      Community Allocation =  $\frac{Ad_{cv}(Ca + Rm)}{2}$

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

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

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

Where:  $Ad_T$  = Total Amount for distribution to townships  
 $Ca$  = Community % of total accidents on county roads in all townships  
 $Pc$  = Community % of total population in all townships  
 $Rm$  = 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 2009 to 2011 is being used.

Your program allotment for this year is \$161,697 and your share will be \$53,899. RCOC is encouraging your community to allocate and spend these funds on a specific project as soon as possible. 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 2013 construction must be selected and submitted with a local board or council resolution by May 2013.
- 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 2013	Potential project locations submitted to Programming Division for review.
June 2013	Local council resolutions and project commitments submitted for projects to be constructed in 2013.
July 2013	Project approval for Road Commission and County Board.
July – December 2013	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 2013 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

/je  
Enclosures



2013 TRI-PARTY PROGRAM

CITY OF NOVI

ALLOCATION FOR 2013: \$161,697

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	\$125,000 per approach
Approach paving – subdivision street	\$ 75,000
Approach paving – primary road	\$100,000
Passing lane	\$ 75,000
Widen for 150-200' center left-turn lane	\$250,000 per approach
Shoulder paving one side	\$ 50,000 per mile

POTENTIAL PROJECT LOCATIONS

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**

City of Novi

County Commissioner:

9- Kathy S. Crawford

PROJECT DESCRIPTION	Date of Agrmt	Project No.											Add'l 2012	2013	PROJECT TOTAL
			1980-2005	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	93 & 96	40121	251,343											251,343
Haggerty (10-GR)	C		41801	184,469											184,469
8 Mile, Novi to Meadowbrook	C	93 & 96	42151	139,421											139,421
14 Mile @ Decker	C	5/3/95	43231	72,960											72,960
Beck/I-96/12 Mile	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	1,634,557											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	225,000											225,000
Novi Rd Link, 10 Mile to Grand River-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	C	8/18/11	49881	0					35,997	155,524					191,521
8 Mile - Napier to Taft			50651	0							156,293	205,438			361,731
AMOUNT REMAINING FOR FUTURE PROJECT				0	0	0	0	0	0	0	0	0	161,697		161,697
<b>TOTAL</b>				<b>3,276,772</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>205,438</b>	<b>161,697</b>		<b>5,488,004</b>
															5,488,004