



# CITY of NOVI CITY COUNCIL

**Agenda Item 5**  
**April 4, 2011**

**SUBJECT:** Approval of Resolution authorizing participation in the Road Commission for Oakland County's 2011 Tri-Party Program for Road Improvements dedicating \$155,524 of Novi's 2011 allotment of Tri-Party funds, and reallocating \$35,997 of Novi's unused 2010 allotment of Tri-Party funds (\$191,521 total) to the construction of the Grand River (Novi Road to Haggerty Road) Rehabilitation project.

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

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

**BACKGROUND INFORMATION:**

Since 1985, the City of Novi has chosen to participate in the Road Commission for Oakland County's (RCOC) annual Tri-Party Program for Road Improvements. 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). Based on fund distribution formulas, Novi's 2011 allocation totals \$155,524, with \$51,841 identified as Novi's cost share (see attached March 10, 2011 letter from RCOC). The allocation and cost share amounts are similar to the 2010 allocation of \$152,977.

Staff recommends that the Grand River Avenue Rehabilitation project (Novi Road to Haggerty Road) be designated for receipt of the entire \$155,524 of this year's Tri-Party funding. Staff also recommends reallocating \$35,997 of 2010 Tri-Party funding that was designated to the preliminary engineering for the 12 Mile widening project (Beck Road to Dixon Road) to provide increased funding for Grand River Avenue Rehabilitation to a total of \$191,521. The remaining \$323,479 estimated for the Grand River project would be recommended for funding from the Municipal Street Fund.

The attached Resolution would formally designate the Grand River Avenue Rehabilitation project (Novi Road to Haggerty Road) project for 2011 Tri-Party funding.

**RECOMMENDED ACTION:** Approval of Resolution authorizing participation in the Road Commission for Oakland County's 2011 Tri-Party Program for Road Improvements dedicating \$155,524 of Novi's 2011 allotment of Tri-Party funds, and reallocating \$35,997 of Novi's unused 2010 allotment of Tri-Party funds (\$191,521 total) to the construction of the Grand River (Novi Road to Haggerty Road) Rehabilitation project.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Fischer				
Council Member Margolis				

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



## RESOLUTION OF PARTICIPATION 2011 TRI-PARTY PROGRAM

### CITY COUNCIL

**Mayor**  
David B. Landry

**Mayor Pro Tem**  
Bob Gatt

Terry K. Margolis

Andrew Mutch

Dave Staudt

Justin Fischer

Wayne M. Wrobel

**City Manager**  
Clay J. Pearson

**Director of Public Services/  
City Engineer**  
Rob Hayes, P.E.

**WHEREAS,** the Road Commission for Oakland County has invited the City of Novi to participate in the Fiscal Year 2011 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,** \$155,524 has been allocated for Novi with the total 2011 contribution from the City of Novi totaling \$51,841; and,

**WHEREAS,** the Grand River Avenue Rehabilitation project between Novi Road and Haggerty Road is currently being designed and is funded for construction in 2011; and,

**WHEREAS,** \$35,997 in 2010 Tri-Party funds was previously allocated to the 12 Mile Road Widening project (Beck Road to Dixon Road) but could be reallocated to offset costs for a pending construction project.

**NOW, THEREFORE, BE IT RESOLVED** that the Mayor and Council of the City of Novi authorize participation in the Road Commission for Oakland County's 2011 Tri-Party Program for Road Improvements and designate \$155,524 in 2011 Tri-Party funds and reallocate \$35,997 from 2010 Tri-Party funds to the Grand River Avenue Rehabilitation project between Novi Road and Haggerty Road.

### CERTIFICATION

I, Maryanne Cornelius, duly appointed Clerk of the City of Novi, do hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi at a Regular meeting held this 4th day of April 2011.

**Department of Public Services**  
Field Services Complex  
26300 Delwal Drive  
Novi, Michigan 48375  
248.735.5640  
248.735.5659 fax

cityofnovi.org

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Maryanne Cornelius  
City Clerk





## MEMORANDUM

3/21/2011  
To: Mayor and City  
Council members  
For future  
consideration.  
Clay

**TO:** ROB HAYES, P.E.; DIRECTOR OF PUBLIC SERVICES  
**FROM:** BRIAN COBURN, P.E.; ENGINEERING MANAGER *BC*  
**SUBJECT:** RCOC TRI-PARTY PROGRAM FOR 2011  
**DATE:** MARCH 21, 2011

As stated in the attached letter from the Road Commission for Oakland County, the City of Novi's allotment for the 2011 Tri-Party Program is \$155,524, of which \$51,841 is Novi's share and the \$103,683 balance from Oakland County and Road Commission for Oakland County (RCOC). Additionally, there is \$35,997 remaining from the 2010 program that could be allocated to a project for a total amount of \$191,521 available.

The Oakland County Federal Aid Task Force voted last month to move the Grand River Avenue (Novi Road to Haggerty Road) Rehabilitation project forward for funding in fiscal year 2011 at the request of the City of Novi and RCOC. The City's share of the Grand River project is \$515,000.

Staff recommends that the \$191,521 of total available Tri-Party Funds be allocated to the Grand River Avenue (Novi Road to Haggerty Road) Rehabilitation project. The remaining \$323,479 would be recommended for funding from the Municipal Street Fund.

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

cc: Victor Cardenas, Assistant City Manager  
Kathy Smith-Roy, Finance Director



cc: Rob Hayes  
Brian Coburn  
Aaron Stapp

March 10, 2011

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

**Board of Road Commissioners**

**Ronald J. Fowkes**  
Commissioner

**Gregory C. Jamian**  
Commissioner

**Eric S. Wilson**  
Commissioner

**Brent O. Bair**  
Managing Director

**Dennis G. Kolar, P.E.**  
Deputy Managing Director  
County Highway Engineer

RE: FY 2011 Tri-Party Program

Dear Mr. Pearson:

Your participation is requested in the FY 2011 Tri-Party Program for road improvements. The fiscal year governing this program is October 1, 2010 through September 30, 2011. 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 2011. 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.

31001 Lahser Road  
Beverly Hills, MI  
48025

248-645-2000

FAX  
248-645-5555

TDD  
248-645-5555

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





**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 2000 Census.

As in the past, RCOC road miles change only to reflect abandonment's, 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 2007 to 2009 is being used.

Your program allotment for this year is **\$155,524** and your share will be **\$51,841**. Any funds remaining from previous years may be added to this amount for use in 2011. 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 2011 construction must be selected and submitted with a local board or council resolution by May 2011.
- 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, i.e. 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 2011	Potential project locations submitted to Programming Division for review.
June 2011	Local council resolutions and project commitments submitted for projects to be constructed in 2011.
July 2011	Project approval for Road Commission and County Board.
July – December, 2011	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 2011 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 Citizen 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/sk

2011 TRI-PARTY PROGRAM

CITY OF NOVI

ALLOCATION FOR 2011: \$155,524

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.

<b>SAFETY PROJECTS</b>	<b>GENERAL COSTS</b>
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

POTENTIAL PROJECT LOCATIONS

Grand River Avenue, Novi Road to Haggerty Road	Widen
Napier Road, Nine Mile Road to Twelve Mile Road	Pave gravel
Novi Road, Ten Mile Road to Grand River Avenue	Widen with grade separation
Eight Mile Road, Napier Road to Beck Road	Resurface
12 Mile Road, Beck Road to Dixon Road	Widen



ROAD COMMISSION FOR OAKLAND COUNTY  
TRI-PARTY PROGRAM  
1990-2010

PROJECT DESCRIPTION	Date of Agmt	PROJ. NO.	1990-95 Tri-Party	1996-97 Tri-Party	1998-99 Tri-Party	2000-01 Tri-Party	2002-03 Tri-Party	2004 Tri-Party	2005 Tri-Party	2006 Tri-Party	2007 Tri-Party	2008 Tri-Party	2009 Tri-Party	2010 Tri-Party	2011 Tri-Party	PROJ TOTAL
NOVI (8-Phillip J. Weipert, 9-Kathy Crawford)																
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	3/23/1994	35541	97,016												97,016
G.R. @ Beck-add WB/SB right turn lanes*	C	4/20/1999	36181	168,566												168,566
12 @ Donelson-signal upgrade*	C	6/21/1990	40371	7,789												7,789
8 Mile (Meadowbrook-Haggerty)	C	93 & 7/31/96	40121	251,343												251,343
Haggerty (10-GR)*	C		41801	184,469												184,469
8 Mile, Now to Meadowbrook-reconst/widthen to 5 lns	C	93 & 7/31/96	42151	139,421												139,421
14 Mile @ Decker-reconst inters w/next NB turn lanes!	C	5/3/1995	43231	72,960												72,960
Beck/1-95/12 Mile-redesign & reconst w/new signal	C	8/16/1995	43131	20,686												20,686
10 Mile @ Tait SCATS signals*	C	1/25/2001	46201			106,893										106,893
Grand River over CSX Bridge Replacement*	C	4/10/2003	58853	135,510	260,148	330,464	223,571	626,745	55,119							1,634,557
12 Mile Rd @ Cabot Drive signal installation!	C	5/24/2007	49071					135,476								135,476
Grand River, Novi to Haggerty PE (suspended)		4/15/2009	49881					25,339	198,661							226,000
Novi Rd "Link", 10 Mile Rd to Grand River Ave.-CON future project		10/14/2010	41531						21,273	342,106	346,373	345,412	345,412	116,980		1,517,556
<b>TOTAL</b>			<b>1,289,083</b>	<b>260,148</b>	<b>330,464</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>4,964,576</b>

C\*means project is complete and/or has used all the available tri-party  
means the project is being administered by the community