

cityofnovi.org

# CITY of NOVI CITY COUNCIL

**Agenda Item J**  
**January 26, 2009**

**SUBJECT:** Approval of Resolution authorizing participation in the Road Commission for Oakland County's 2009 Tri-Party Program for Road Improvements dedicating Novi's 2009 allotment of Tri-Party funds to the Novi Road Link project between Ten Mile Road and Grand River Avenue.

**SUBMITTING DEPARTMENT:** Engineering *EA*

**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 2009 allocation totals \$345,412, with \$115,137 identified as Novi's cost share (the same allocation and cost share amounts as in 2008).

We are again recommending that the Novi Road Link project be designated for receipt of Tri-Party funding. Since 2004, a total of \$1,280,164 in Tri-Party funds has been designated to the Novi Road Link project to help fund the city's estimated local match amount of \$3,167,200 for the project. The Novi Road Link project will include a bridge over the existing CSX Railroad at-grade crossing and Novi Road widening to five lanes between Ten Mile Road and Grand River Avenue.

The Novi Road Link project will be bid after October 1, 2009 (the earliest date that federal road funds may be obligated), with construction work starting in spring 2010 and project completion in late fall 2010.

The attached Resolution would formally designate the Novi Road Link project for 2009 Tri-Party funding.

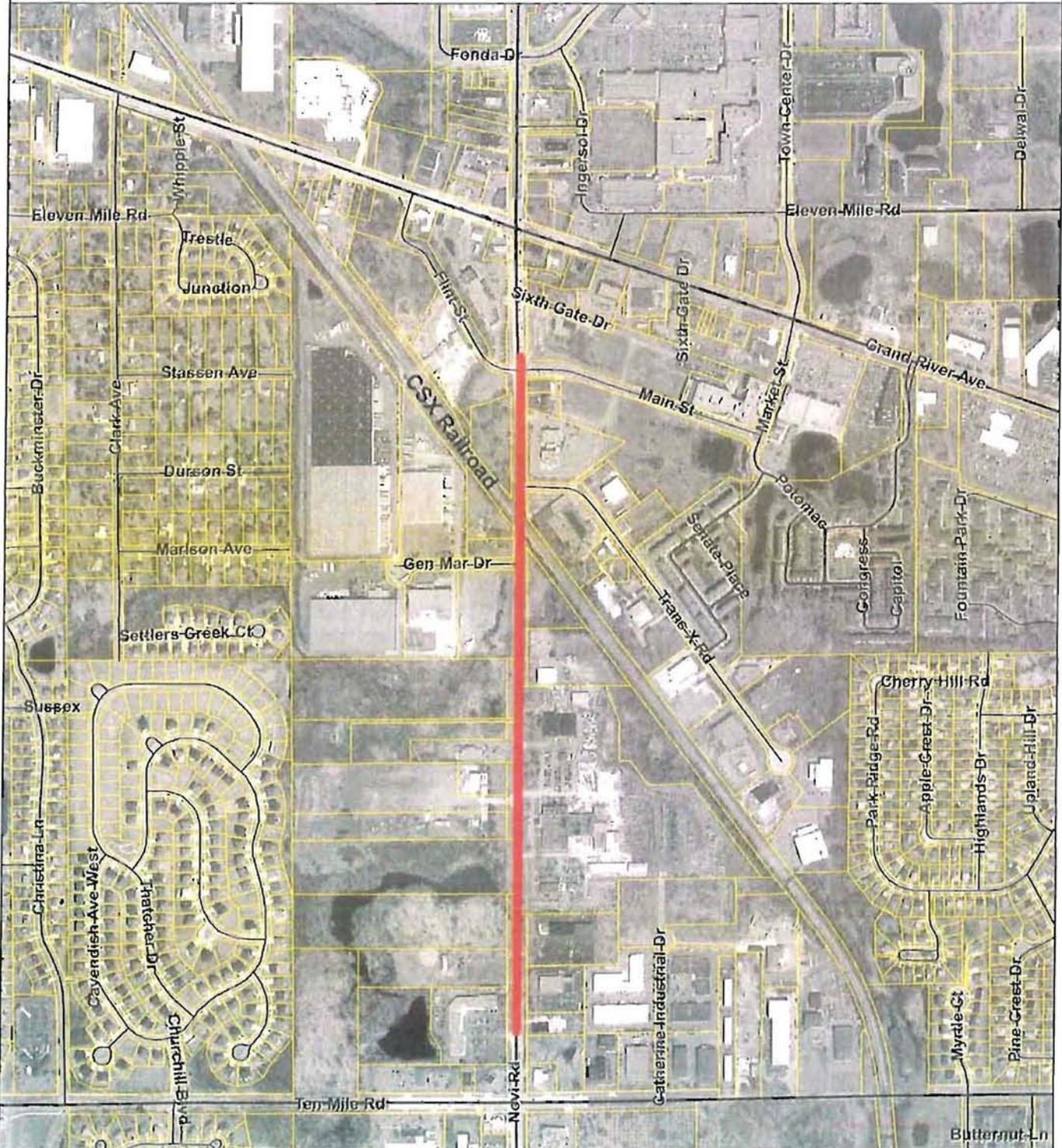
**RECOMMENDED ACTION:** Approval of Resolution authorizing participation in the Road Commission for Oakland County's 2009 Tri-Party Program for Road Improvements dedicating Novi's 2009 allotment of Tri-Party funds to the Novi Road Link project between Ten Mile Road and Grand River Avenue.

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

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

# Novi Road Link Project

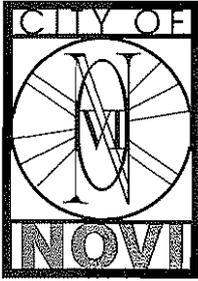
## Between Grand River Avenue and Ten Mile Road



**CITY OF NOVI**  
ENGINEERING DEPARTMENT  
NOVI CITY HALL, CIVIC CENTER  
45175 W. TEN MILE ROAD  
NOVI, MI 48375-9024  
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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.



## RESOLUTION OF PARTICIPATION

### 2009 TRI-PARTY PROGRAM

#### CITY COUNCIL

**Mayor**  
David B. Landry

**Mayor Pro Tem**  
Bob Gatt

Terry K. Margolis

Andrew Mutch

Kathy Crawford

Dave Staudt

Brian Burke

**City Manager**  
Clay J. Pearson

**City Clerk**  
Maryanne Cornelius

**WHEREAS,** the Road Commission for Oakland County has invited the City of Novi to participate in the Fiscal Year 2009 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,** \$345,412 has been allocated for Novi with the total 2009 contribution from the City of Novi totaling \$115,137; and,

**WHEREAS,** the Novi Road Link project between Ten Mile Road and Grand River Avenue has been designated for funding in the Tri-Party Program since 2004.

**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 2009 Tri-Party Program for Road Improvements and designate the Novi Road Link project between Ten Mile Road and Grand River Avenue for funding.

#### 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 26th day of January, 2009.

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Maryanne Cornelius  
City Clerk



December 1, 2008

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

RE: FY 2009 Tri-Party Program

Dear Mr. Pearson:

Your participation is requested in the FY 2009 Tri-Party Program for road improvements. The fiscal year governing this program is October 1, 2008 through September 30, 2009. The Oakland County Board of Commissioners has approved a Tri-Party budget of \$2,250,000 to create a \$6,750,000 program for FY 2009. A total of \$3,375,000 will be designated for townships and a total of \$3,375,000 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.

**Board of Road Commissioners**

*Larry P. Crane*  
Commissioner

*Richard G. Skarritt*  
Commissioner

*Eric S. Wilson*  
Commissioner

*Brent O. Blair*  
Managing Director

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

Programming Division  
Engineering Department

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)



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

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

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)

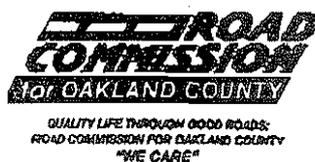
Although the method of calculation and the factors involved have remained the same, the data on which those calculations are based has changed.

Population data is changed only after a decennial census or if the Census Bureau issues revised numbers. The new 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 2003 to 2005 is being used.

Your program allotment for this year is \$345,412 amount of which your share will be \$115,137. Any funds remaining from previous years or earlier projects may be added to this amount for use in 2009. 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 2009 construction must be selected and submitted with a local board or council resolution by February 2009.
- 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
January 2009	Potential project locations submitted to Programming Division for review.
February 2009	Local council resolutions and project commitments submitted for projects to be constructed in 2009.
March 2009	Project approval for Road Commission and County Board.
April – November, 2009	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 2009 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) 645-0000, extension 2266 for further discussion or assistance.

Sincerely,

Thomas G. Noechel  
Programming Supervisor

TGN/sk

**2009 TRI-PARTY PROGRAM**

**CITY OF NOVI**

**ALLOCATION FOR 2009: \$345,412**

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, Eight Mile Road to Ten Mile Road     | Widen to five lanes         |
| Novi Road, Ten Mile Road to Grand River Avenue  | Widen with grade separation |
| Eight Mile Road, Napier Road to Beck Road       | Resurface                   |

PROJECT DESCRIPTION	C	Date of Agrmt	PROJ. NO.	1980-95 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	PROJ TOTAL
NOVI (B-Jeff Potter, 9-Hugh D. 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	03/23/1994	39541	97,016											97,016
G.R. @ Beck-add WB/SB right turn lanes*	C	04/20/1989	38181	168,566											168,566
12 @ Donelson-signal upgrade*	C	06/21/1990	40371	7,783											7,783
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, Novi to Meadowbrook-reconst/widen to 5 Ins	C	93 & 7/31/96	42151	139,421											139,421
14 Mile @ Decker-reconst inters w/ext NB turn lanes!*	C	05/03/1995	43231	72,960											72,960
Beck/I-96/12 Mile-redesign & reconst w/new signal	C	08/16/1995	43131	20,865											20,865
Grand River over CSX Bridge Replacement Est final 6/06		04/10/2003	38853	135,510	260,148	330,464	223,571	626,745	58,119						1,634,557
10 Mile @ Taft SCATS signals*	C	01/25/2001	46201				106,893								106,893
Novi Rd "Link", 10 Mile Rd to Grand River Ave.		No Agrmt	41531						26,339	219,934	342,106	346,373	345,412		1,280,164
12 Mile Rd @ Cabot Drive signal installation!*	C	05/24/2007	49071						135,476						135,476
future project				0	0	0	0		0	0	0	0	0	345,412	345,412
<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>4,656,075</b>