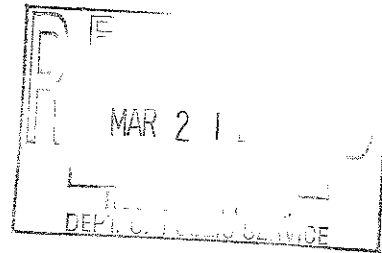




March 10, 2011



The Honorable Bryan K. Barnett, Mayor  
City of Rochester Hills  
1000 Rochester Hills Drive  
Rochester Hills, Michigan 48309-3033

**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

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)

RE: FY 2011 Tri-Party Program

Dear The Honorable Barnett:

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.



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

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 =  $Ad_T \frac{(Ca + Pc + Rm)}{3}$

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 **\$225,444** and your share will be **\$75,148**. 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 ROCHESTER HILLS  
ALLOCATION FOR 2011: \$225,444**

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**

Adams Road at Tienken Road	Add westbound and northbound right turn lanes
Crooks Road, Starr-Batt to N of Hamlin Road	Widen
Dequindre Road, South Boulevard to Runyon Road	Improve and realign at Avon Rd. and 23 Mile Rd.
Livernois Road, Hamlin Road to Avon Road	Widen
Livernois Road at Walton Boulevard	Improve intersection
Livernois Road, Tienken Road to Dutton Road	Pave gravel
Livernois Road at South Boulevard	Improve intersection (w/City of Troy)
South Boulevard at Livernois Road	Add westbound right turn lane
South Boulevard at Dequindre Road	Add eastbound right turn lane
South Boulevard, Crooks Road to John R Road	Widen
Tienken Road, Livernois Road to Sheldon Road	Widen

ROAD COMMISSION FOR OAKLAND COUNTY  
TRI-PARTY PROGRAM  
1980-2010

PROJECT DESCRIPTION		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	2010 Tri-Party	2011 Tri-Party	PROJ TOTAL
<b>ROCHESTER HILLS (11-Tim Grelmel, 12-Jeff Matis, 13-Robert Gosselin)</b>																	
4 Approaches*	C		35362	90,000													90,000
Avon, Rochester to Mall-add right turn lane*	C	8/11/1986	36451	80,986													80,986
Livernois @ Tienken-extend tapers 425ft*	C	8/11/1986	36481	41,222													41,222
Crooks @ Star-Batt-extend passing lane*	C	8/11/1986	36471	11,657													11,657
Approaches (various)*	C		37681	313,611													313,611
Tienken @ Sheldon*	C		38742	9,932													9,932
S Blvd @ Pine Tr*	C		39551	46,952													46,952
Adams @ Avon*	C		39561	39,154													39,154
Adams @ Powderhorn*	C		39571	65,496													65,496
Dequindre @ Hamlin*	C	1/24/1991	40661	38,685													38,685
Orion @ Rochester*	C	10/24/1991	40851	1,007,449													1,007,449
Tienken @ Rochester (MDOT)*	C	9/18/1991	40861	32,000	5,354												37,354
Crooks @ Star-Batt*	C		41261	165,352													165,352
Livernois/Tienken/Brewster/S Blvd*	C	1/17/1996	43951	167,813	63,952	35,587											267,352
Tienken @ Sheldon (PE/roundabout)!*	C	6/22/2000	46181	14,924	85,076												100,000
Tienken @ Sheldon (CONST)!*	C	5/10/2001	46181		271,812	270,722											542,534
Avon at Livernois & Rochester (lane extensions)!*	C	6/9/2005	48481			235,134	150,825										385,959
Tienken @ Kings Cove (water main)*	C	11/9/2006	45291				307,407										307,407
Tienken Road Bridge Rplcmnt over Paint Creek!*	C	7/13/2006	48763				83,210	702,916	312,347	312,347	345,974						1,756,794
Washington Road Paving-PE jointly w/City of Rochester	C	7/26/2007	49131								85,000						85,000
Hamlin Road from Old Adams to 750' east*	C	9/25/2008	49461								44,004	152,123					196,127
Walton e/Adams to Livernois PE*	C	8/28/2008	49471									99,000					99,000
Walton e/Adams to Livernois CONST		6/24/2010	49471									231,553	490,402	296,683			1,018,638
Adams Rd n/Hamlin to Walton Blvd*	C	9/25/2008	49551											193,719	147,734		341,453
Crooks Rd. M-59 to Hamlin PE*	C	10/23/2008	49581												43,632		43,632
future project						0	0	0	0	0	0	0	0	0	0	0	261,685
<b>TOTAL</b>				<b>2,125,233</b>	<b>426,194</b>	<b>541,443</b>	<b>541,442</b>	<b>702,916</b>	<b>312,347</b>	<b>312,347</b>	<b>474,978</b>	<b>482,676</b>	<b>490,402</b>	<b>490,402</b>	<b>227,607</b>	<b>225,444</b>	<b>7,353,431</b>

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