



QUALITY LIFE THROUGH GOOD ROADS
ROAD COMMISSION FOR OAKLAND COUNTY
"WE CARE"

December 1, 2008

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

RE: FY 2009 Tri-Party Program

Dear The Honorable Barnett:

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. Crake
Commissioner*

*Richard G. Skarritt
Commissioner*

*Eric S. Wilson
Commissioner*

*Brent O. Bair
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





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 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 **\$490,403** amount of which your share will be **\$163,468**. 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 ROCHESTER HILLS
ALLOCATION FOR 2009: \$490,403

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

POTENTIAL PROJECT LOCATIONS

Adams Road, south of M-59 interchange	Realign
Adams Road at Tienken Road	Add westbound and northbound right turn lanes
Crooks Road, M-59 to Hamlin Road	Resurface
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
Washington Road, Tienken Road to Dequindre Road	Pave (w/City of Rochester)
Walton Boulevard, East of Adams Road to Rochester City Limits	Resurface

ROAD COMMISSION FOR OAKLAND COUNTY
 TRIP-PARTY PROGRAM
 1980-2008

PROJECT DESCRIPTION	C	Date of Agmt	PROJ. NO.	1980-95	1996-97	1998-99	2000-01	2002-03	2004	2005	2006	2007	2008	2009	PROJ. TOTAL
			NO.	Tri-Party	Tri-Party	Tri-Party	Tri-Party	Tri-Party	Tri-Party	Tri-Party	Tri-Party	Tri-Party	Tri-Party	Tri-Party	TOTAL
ROCHESTER HILLS (11-Tim Matton, 12-Sue Ann Douglas, 13-Tim Grimal)	C														
4 Approaches*	C		35362	90,000											90,000
Avon, Rochester to Mail-add right turn lane*	C	8/1/1986	36451	80,986											80,986
Livernois @ Tenken-extend tapers 425ft*	C	8/1/1986	36461	41,222											41,222
Crooks @ Star-Batt-extend passing lane*	C	8/1/1986	36471	11,657											11,657
Approaches (various)*	C		37681	313,611											313,611
Tenken @ 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
Tenken @ Rochester (M/DOT)*	C	9/18/1991	40861	32,000	5,354										37,354
Crooks @ Star-Batt*	C		41261	165,352											165,352
Livernois/Tenken/Brewster/S Blvd*	C	1/17/1996	43951	167,813	63,952	35,587									267,352
Tenken @ Kings Cove (water main/excal w/ sch/winter prot)		11/9/2006	45291							347	249,653				250,000
Tenken Road Bridge (picnmt over Paint Creek)		7/13/2006	48763								131,228				1,923,067
Tenken @ Sheldon (PE/roundabout)!*	C	6/22/2000	46181	14,924	85,076	235,134	541,442	702,916	312,347						1,923,067
Tenken @ Sheldon (CONST)!*	C	5/10/2001	46181		271,812	270,722	0								100,000
Avon at Livernois & Rochester (lane extensions)!*	C	6/9/2005	48481							312,000	9,097	64,852			386,959
Washington Road Paving-PE jointly w/City of Rochester		7/26/2007	49131								85,000				85,000
Hamlin Road from Old Adams to 750' east		9/25/2008	49461								219,000				219,000
Walton e/Adams to Livernois PE		8/28/2008	49471								100,000				100,000
Adams Rd n/Hamlin to Walton Blvd		9/25/2008	49551								98,814	236,166			335,000
Crooks Rd: M-59 to Hamlin PE		10/23/2008	49581								57,000				57,000
future project															
TOTAL				2,126,233	426,194	541,443	541,442	702,916	312,347	312,347	474,978	482,676	490,402	490,403	6,900,381

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