



November 19, 2003

Ms. Patricia Somerville, Mayor
City of Rochester Hills
1000 Rochester Hills Drive
Rochester Hills, MI 48309-3033

Re: FY 2004 Tri-Party Program

Dear Mayor Somerville:

Your participation is requested in the FY 2004 Tri-Party Program for road improvements. The fiscal year governing this program is October 1, 2004 through September 30, 2004. The Oakland County Board of Commissioners has approved a Tri-Party budget of \$1,500,000 to create a \$4,500,000 program for FY 2004. \$2,250,000 will be designated for townships and \$2,250,000 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 average 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 but small populations.

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Programming Division
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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,

Dylan Foukes, P.E.
Programming Supervisor

DF/cmd

**ROAD COMMISSION FOR OAKLAND COUNTY
TRI-PARTY PROGRAM
1980-2003**

PROJECT DESCRIPTION	PROJ. C NO.	1980-84	1985	1986	1987-88	1989-91	1992-93	1994-95	1996-97	1998-99	2000-01	2002-03	PROJ TOTAL
		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-Tom McMillin, 12-Sue Ann Douglas, 13-Martin J. Knollenberg)													
4 Approaches*	* 35362		90,000										90,000
Avon, Rochester to Mall-add right turn lane*	* 36451			80,986									80,986
Livernois @ Tienken-extend tapers 425ft*	* 36461			41,222									41,222
Crooks @ Star-Batt-extend passing lane*	* 36471			11,657									11,657
Approaches (various)*	* 37681				313,611								313,611
Tienken @ Sheldon*	* 38742				9,932								9,932
S Blvd @ Pine Tr*	* 39551					46,952							46,952
Adams @ Avon*	* 39561					39,154							39,154
Adams @ Powderhorn*	* 39571					65,496							65,496
Dequindre @ Hamlin*	* 40661					38,685							38,685
Orion @ Rochester*	* 40851				67,213	426,104	269,710	244,422					1,007,449
Tienken @ Rochester (MDOT)*	* 40861					32,000			5,354				37,354
Crooks @ Star-Batt*	* 41261					352	165,000						165,352
Livernois/Tienken/Brewster/S Blvd*	* 43951							167,813	63,952	35,587			267,352
Avon (Crooks-Old Perch) see #43951	42871												0
Tienken (Livernois-Rochester)	45291 (No Agreement)								0	505,856	270,722	702,916	1,479,494
Tienken @ Sheldon (PE/roundabout)!*	* 46181							14,924	85,076				100,000
Tienken @ Sheldon (CONST)!*	* 46181								271,812		270,721		542,533
future project												0	0
TOTAL			0	90,000	133,865	390,756	648,743	434,710	427,159	426,194	541,443	702,916	4,337,229

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

2004 TRI-PARTY PROGRAM

CITY: ROCHESTER HILLS

ALLOCATION FOR 2004: \$312,347

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 lane at intersection	\$100,000 per approach
Approach paving - Sub Street	\$ 50,000
Approach paving - Major Road	\$ 75,000
Passing lane	\$ 60,000
Center left turn lane	\$200,000
Shoulder paving	\$ 45,000 per mile

POTENTIAL PROJECT LOCATIONS

Adams Road, south of M-59 interchange	Realignment
Crooks, South Blvd. to Hamlin	Widening (Local match)
Dequindre; South Blvd to Runyon	Improvements and realignment at Avon and 23 Mile Road
Livernois, Hamlin to Avon	Widen
South Boulevard at Livernois	Westbound right turn lane
South Boulevard at Dequindre	Eastbound right turn lane
Tienken Road	Corridor Improvements
Washington; Tienken to Dequindre	Pave (with Rochester)



City / Village Formula:

$$\text{Community Allocation} = Ad_{CV} \frac{(Ca + Rm)}{2}$$

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:

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

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, RCO 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 2000 to 2002 is being used.

Your program allotment for this year is \$312,347 of which your share will be \$104,116. Any funds remaining from previous years or earlier projects may be added to this amount for use in 2004. 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 program operates as follows:

1. Projects intended for 2004 construction must be selected and submitted with a local board or council resolution by February, 2004.
2. Project locations and concepts must be approved by the County Board and the Road Commission.
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 community 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.

<u>DEADLINE</u>	<u>ACTIVITY</u>
January, 2004	Potential project locations submitted to Programming Division for review.
February, 2004	Local council resolutions and project commitments submitted for projects to be constructed in 2004.
March, 2004	Project approval by Road Commission and County Board.
April – November, 2004	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 2004 Tri-Party construction season will be.