



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

January 22, 2009

Mr. Brian Barnett, Mayor  
City of Rochester Hills  
1000 Rochester Hills Drive  
Rochester Hills, Michigan 48309-3033

Dear Mayor Barnett:

Enclosed is a copy of a memo from our Traffic-Safety Department Director concerning speed limit posting on residential gravel and paved roads. I would like specifically to call your attention to the five recommendations on the third page of the memo. Our Board of Road Commissioners adopted a resolution approving the implementation of those five recommendations at its regular meeting on January 15, 2009.

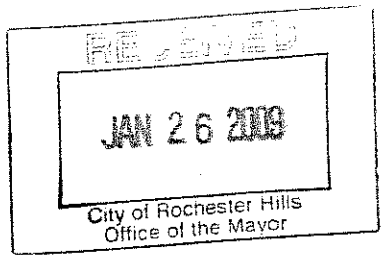
As outlined in the memorandum, the 25 MPH speed limit posted at 283 locations on gravel roads has not been enforceable for more than two years. Consequently, RCOC crews will begin removing those signs as the weather and workloads permit.

On road segments where the current law provides a lower than 55 MPH posting, our crews will replace the 25 MPH signs with the appropriate speed signs. Traffic studies will be requested for those 13 segments having 25 MPH postings on paved roads that are referenced in paragraph four on page two of the memo. The tables attached to the memo show the locations within each community that will be affected by the changes.

If you should have any questions regarding the enclosed, please do not hesitate to contact me or Dennis Kolar at 248-645-2000, or Gary Piotrowicz, Director, Traffic-Safety Department at 248-858-4832.

Sincerely,

Brent O. Bair  
Managing Director



Enclosure

- c: Michael J. Bouchard, Oakland County Sheriff
- Michael McCabe, Oakland County Undersheriff
- Road Commissioners Skarritt, Wilson, & Crake
- Dennis Kolar, RCOC Deputy Managing Director and County Highway Engineer
- Gary Piotrowicz, RCOC Director of Traffic-Safety

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

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48025

248-645-2000

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*Quality Life through Good Roads "We Care"*



**Inter-Departmental Memorandum**

**TRAFFIC-SAFETY DEPARTMENT**

**DATE:** January 6, 2009

**TO:** Brent O. Bair, Managing Director

**FROM:** Gary Piotrowicz, Director, Traffic-Safety Department

**SUBJECT: GRAVEL ROAD AND PAVED ROAD RESIDENTIAL SPEED LIMIT POSTINGS**

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The change to state law (Public Act 85) effective November 9, 2006 eliminated the 25 miles per hour (MPH) prima facie speed limits for "residential districts" on gravel and paved roads. Traffic-Safety Department staff drove all of the gravel roads under RCOC jurisdiction in the county. We found 283 gravel road segments where, over the past 20 or more years, we have posted a 25 MPH residential speed limit per RCOC Policy and Procedure #9, "Posting of Statutory Speed Limits; Business/Residence Districts", Dated September 23, 1985. RCOC did not "establish" the 25 MPH limit at these locations, but rather determined whether or not they qualified as residential districts under the law existing at the time. We simply posted the area to remind drivers that the prima facie speed in the area was 25 MPH.

The 2006 law provides the following to establish speed limits:

**Section 627**

(1) A person operating a vehicle on a highway shall operate that vehicle at a careful and prudent speed not greater than nor less than is reasonable and proper, having due regard to the traffic, surface, and width of the highway and of any other condition then existing. A person shall not operate a vehicle upon a highway at a speed greater than that which will permit a stop within the assured, clear distance ahead.

(2) Except in those instances where a lower speed is specified in this chapter or the speed is unsafe pursuant to subsection (1), it is prima facie lawful for the operator of a vehicle to operate that vehicle at a speed not exceeding the following, except when this speed would be unsafe:

(a) 25 miles per hour on all highways in a business district as that term is defined in section 5.

(b) 25 miles per hour in public parks unless a different speed is fixed and duly posted.

(c) 25 miles per hour on all highways or parts of highways within the boundaries of land platted under the land division act, 1967 PA 288, MCL 560.101 to 560.293, or the condominium act, 1978 PA 59, MCL 559.101 to 559.276, unless a different speed is fixed and posted.

(d) 25 miles per hour on a highway segment with 60 or more vehicular access points within 1/2 mile.

(e) 35 miles per hour on a highway segment with not less than 45 vehicular access points but no more than 59 vehicular access points within 1/2 mile.

(f) 45 miles per hour on a highway segment with not less than 30 vehicular access points but no more than 44 vehicular access points within 1/2 mile.

All gravel roads with fewer than 30 vehicle access points within a half mile will have no posted speed limit, meaning drivers are required to drive at a safe speed given the conditions, with the maximum allowable speed being 55 MPH.

Two bills were introduced in 2007, SB 117 by Senator Cassis and HB 4145 by Representative Stakoe. Both bills proposed "grandfathering" in the 25 MPH zones. The Cass County Road Commission is believed to be the only other road commission in the state that posted signs for the 25 MPH residential speed zone permitted under the previous version of the law. However, they had less than 30 locations and they discontinued this practice many years ago. Consequently, RCOG was unable to gain the support of any other county road commissions in its efforts to oppose the change to the state law.

The 2006 law mandates that prima facie speed limits are determined based on the number of vehicular access points along a road segment. Based on this change, none of the 283 gravel road locations would qualify for the 25 MPH limit. Three segments are prima facie 35 MPH and 33 segments are prima facie 45 MPH. These sections would be posted to advise drivers of the prima facie speed limits. The remainder of the roads would be un-posted, meaning drivers would be required to drive at a safe and reasonable speed given the conditions, with the maximum allowable speed being 55 MPH (see attached spreadsheet).

It should also be noted that there are 13 segments of local or primary paved roads that currently have 25 MPH speed limits posted on them based on the residential language that was in the previous law. On the paved segments, 3 would end up being posted 45 MPH, 3 would be posted 35 MPH, 2 would be posted 25 MPH, and 5 would be un-posted if using the access point method (see attached spreadsheet). These segments of road, however, can also be reviewed by conducting an engineering study with the Michigan State Police (MSP) and the effected township to determine the appropriate absolute speed limit.

The law does allow a township to request an engineering and traffic investigation. However, the Michigan State Police (MSP) will not issue Traffic Control Orders establishing speed limits on gravel roads due to the frequently changing surface conditions. Regardless, our own speed

studies have shown that motorists are driving similar speeds whether they are in posted residential 25 MPH zones or in un-posted zones. The 85 percentile speeds were about 36 on local roads and about 45 MPH on primary roads.

In December 2006 the legislature passed SB 248 which would have grandfathered in for 2 years speed limits that were in effect prior to November 9, 2006. This bill was vetoed by the governor. We were told that Oakland County was the only county that posted the 25 MPH residential districts on gravel roads; consequently we had no support from the rest of the state in opposing this change. RCOC must comply with the law, Public Act No. 85. The current signs are both misleading, ineffective, and encourage disregard of properly posted speed limits. If the signs, are removed or changed to conform to the law, motorists driving in Oakland County will experience the same speed limits and signing that they will encounter in the other 82 counties in Michigan.

Additional support to update the residential speed limit signs to the current law comes from both local police agencies and the general public. We have continued to receive questions as to why unenforceable speed limits remain posted. The police indicate that this is confusing to both officers and motorists. The police continue to request that we become compliant with the current law as soon as practical.

In view of all of the above, I recommend the following:

1. The currently posted residential 25 MPH speed limits on gravel roads be removed;
2. Replace speed limits on gravel roads as appropriate following the current law which uses access points.
3. The currently posted residential 25 MPH speed limits on paved roads be removed;
4. Replace speed limits on paved roads using a traffic study to be conducted with the MSP and the local townships;
5. Update RCOC Policy and Procedure #9 to reflect the current law.

GCP/gcp

attachments

*Concur  
B. J. B.  
1/16/09*

# RESIDENTIAL SPEED LIMITS ON PAVED ROADS

EX:

Township Name	Boundary 1	Boundary 2	Notes (Unposted 55 MPH Unless Noted Below)
<b>Addison Township</b>			
<b>Bloomfield Township</b>			
2 Westview Road	Squirrel	Adams	30 drives in 0.50 mi. Needs a 45 mph sign.
<b>Brandon Township</b>			
3 W. Glass Road	w. Twp line	M-15	37 drives in 0.42 mi. Needs a 45 mph sign.
<b>Commerce Township</b>			
<b>Farmington Area</b>			
<b>Groveland Township</b>			
<b>Highland Township</b>			
7 Jackson Blvd	Highland Hills	Duck Lake	47 drives in 0.50 mi. Needs a 35 mph sign.
<b>Holly Township</b>			
<b>Independence Township</b>			
<b>Lyon Township</b>			

**Milford Township**

**Novi Area**

**Oakland Township**

13 Gunn Road

Rochester

E to end of pavement 30 drives in 0.50 mi. Needs a 45 mph sign.

**Orion Township**

14 Heights Road

1/2 Mile E of Joslyn

M-24

67 drives in 0.50 mi. Needs a 25 mph sign. (No Change)

**Oxford Township**

**Pontiac Area**

**Rochester Area**

**Rose Township**

**Royal Oak Area**

**Southfield Township**

**Springfield Township**

**Troy Area**

**Waterford Township**

23 Lansdown Road Hatchery

Williams Lake  
80 drives in 0.50 mi. Needs a 25 mph sign. (No Change)

**West Bloomfield Township**

24 Daily Road Maple  
24 Powers Road Daly  
24 Walnut Lake Road Haggerty

S of Powers  
Orchard Lake  
End of Pavement

**White Lake Township**

25 Elizabeth Lake Rd Teggerdine  
25 Farnsworth Rd Hutchins  
25 Hutchins Rd Farnsworth  
25 Oxbow Lake Elizabeth Lake

E of Oxbow lake  
Union Lake  
Union Lake  
S of Elizabeth Lake  
50 in 0.50 mi. Needs a 35 mph sign.  
45 in 0.50 mi. Needs a 35 mph sign.

# Gravel Road Project

EX:

Township Name

Sht # Road Name

Notes (Unposted 55 MPH Unless Noted Below)

Boundary 1

Boundary 2

## Addison Township

1	Army	Curtis	Rochester
1	Barr	Indian Lk	Lakeville
1	Bettis	Drahner	Rochester
1	Brewer	Rochester	Dequindre
1	Curtis	Lakeville	Leonard
1	Dequindre	Leonard	Frick
1	Drahner	Barr	Rochester
1	Frick	Rochester	Dequindre
1	Gerst	Rochester	Hagerman
1	Hagerman	Frick	Lapeer Co.
1	Haven	Noble	Lapeer Co.
1	Hosner	Drahner	Lapeer Co.
1	Indian Lk	Barr	Lk George
1	Lk George	Romeo	Lapeer Co.
1	Leonard	Lk George	Dequindre
1	Mack	Rochester	Dequindre
1	Mc Kaji	Hagerman	Macomb Co.
1	Moffat	Lakeville	Mack
1	Noble	Oxford Co.	Haven
1	Oakwood	Oxford Co.	Lk George
1	Ray	Oxford Co.	Lk George
1	Rowland	Curtis	Rochester
1	Second Lk	Leonard	Bordman
1	Shoup	Lk George	Curtis
1	Texter	Mack	Frick
1	Townsend	Romeo	Mack
1	Walker	Romeo	Drahner
1	Yule	Lakeville	Dequindre



**Bloomfield Township**

- 2 Bingham
- 2 Echo
- 2 Ward
- 2 Wing Lk

- Telegraph
- Long Lk
- Square Lk
- Lone Pine

32 in 0.50 mi. Needs a 45 mph sign.  
 31 in 0.50 mi. Needs a 45 mph sign.

**Brandon Township**

- 3 Allen
- 3 Bald Eagle Lk
- 3 Big Fish Lk
- 3 Burrus
- 3 Connell
- 3 Dartmouth
- 3 Davison Lk
- 3 Glass
- 3 Granger

- Oak Hill
- Groveland Twp.
- Lapeer Co.
- Sherwood
- Oakwood
- Oak Hill
- Connell
- Lk Pt Drive
- Glass

- Bald Eagle Lk
- Allen
- Connell
- Burrus Ct.
- Davison Lk
- Seymour Lk
- N. Baldwin
- Granger
- Kent

32 drives in 0.50 mi. Needs a 45 mph sign.  
 31 drives in 0.50 mi. Needs a 45 mph sign.

- 3 Honert
- 3 Hummer Lk
- 3 Kent
- 3 Leece
- 3 Lockwood
- 3 N. Baldwin
- 3 N. Hadley
- 3 N. Hurd
- 3 N. Sashabaw
- 3 Oak Hill
- 3 Perry Lk
- 3 Poll
- 3 Ramsey
- 3 Reese
- 3 Sands
- 3 Sawmill Lk
- 3 Sherwood
- 3 S. Hadley
- 3 S. Hurd
- 3 S. Sashabaw

- State Park
- Tail Pine
- N. Sashabaw
- Granger
- Hummer Lk
- Dead End
- Oakwood
- Hummer Lk
- Hummer Lk
- Hummer Lk
- Groveland Twp.
- Oak Hill
- S. Sashabaw
- S. Sashabaw
- Oak Hill
- State Park
- Park Rd
- Perry Lk
- Oak Hill
- Granger
- Sherwood
- Granger

- N. Baldwin
- Sawmill Lk
- S. Sashabaw
- N. Baldwin
- S. Hadley
- Oakwood
- Hummer Lk
- Davison Lk
- Oakwood
- Davison Lk
- Oakwood
- S. Sashabaw
- Granger
- Lockwood
- Seymour Lk
- Allen
- Sawmill Lk
- N. Hadley
- S. Baldwin
- Hummer Lk
- Hummer Lk
- Granger
- N. Sashabaw / Hummer Lk

30 drives in 0.49 mi. Needs a 45 mph sign.

3 Stanton S. Baldwin  
 3 State Park Oakwood  
 3 W. Seymour Lk Ortonville  
 3 Wolfe Ortonville  
 3 Wolley Granger

Dartmouth  
 Groveland Twp.  
 Allen  
 Groveland Twp.  
 Sherwood

**Commerce Township**

4 Charms Wixom  
 4 Cooley Lk Majestic Oaks Dr.  
 4 Ford Cooley Lk  
 4 Laura Grumb

Buno  
 Milford Twp.  
 Leafwood  
 W. Maple

**Farmington Area**

5

**Groveland Township**

6 Auten Ortonville  
 6 Bald Eagle Lk Brandon Twp.  
 6 Barron Groveland  
 6 Bird Grange Hall  
 6 Brandt Groveland  
 6 Buckell Lk Dixie Hwy  
 6 County Line Park  
 6 Croup Auten  
 6 Glass Brandon Twp.  
 6 Groveland Jossman  
 6 Hawley Grange Hall  
 6 Holdridge Dixie Hwy  
 6 Horton Genesee County  
 6 Jossman Genesee County  
 6 Kler Ellis  
 6 Lahring Dixie Hwy  
 6 McGinnis Jossman  
 6 Oak Hill Ellis  
 6 Perryville Barron  
 6 Groveland Grange Hall

Jossman  
 Wildwood  
 Grange Hall  
 Kler  
 Grange Hall  
 Worden  
 Ortonville  
 Groveland  
 Bird  
 Vassar  
 Buckell Lk  
 Holly Twp.  
 Groveland  
 Oak Hill  
 Oak Hill  
 Holly Twp.  
 Grange Hall  
 Dixie Hwy  
 Dixie Hwy  
 Barron

6	Shields		
6	State Park	Uncertified Rd	Dixie Hwy
6	Thayer	County Line	Brandon Twp.
6	Tindall	Groveland	County Line
6	Tucker	Springfield Twp.	Dixie Hwy
6	Van	Weber	Springfield Twp.
		Grange Hall	Perryville
		Perryville	Groveland
6	Vassar	Groveland	Genesee County
6	Weber	Groveland	Genesee County
6	Wildwood	Tucker	Holly
6	Wolfe	Dixie Hwy	Grange Hall
6	Worden	Grange Hall	Brandon Twp.
		Holly	Grange Hall

31 in 0.50 mi. Needs a 45 mph sign.

### Highland Township

7	Beaumont	Cooley Lk	Livingston
7	Buckhorn Lk	Clyde	Rose Twp.
7	Clyde	Tipsico Lk	Strathcona
7	Cooley Lk	Pettibone	White Lk Twp.
7	Eagle	Jackson Blvd.	White Lk
7	Fish Lake	Clyde	Rose Twp.
7	Harvey Lk	Livingston	Highland
7	Highland Hills Dr.	Jackson Blvd.	White Lk
7	Honeywell Lk	S. Hickory Ridge	Milford Twp.
7	Jackson Blvd.	Duck Lk	Eagle
7	Livingston	Milford	Duck Lake
7	Lone Tree	Tipsico Lk	Milford
7	Middle	Tipsico Lk	N. Hickory Ridge
7	Pettibone Lk	Cooley Lk	Livingston
7	Reid	Railroad Tracks	Pettibone
7	Rose Center	Rose Twp.	Eagle
7	Rowe	Lone Tree	Milford
7	Teepie	Duck Lk	White Lk Twp.
7	Tipsico Lk	Lone Tree	Highland
7	Wardlow	Livingston Co.	Rose Twp.
7	Waterbury	N. Hickory Ridge	Milford
7	White Lk	Livingston	Wardlow
		Charles	Rose Center

### Holly Township

8	Academy	Dead End	Fish Lk	
8	Addis	Kurtz	Fish Lk	
8	Belford	Gage	Dixie Hwy.	
8	County Line	Halsey	N. Holly	
8	Elliott	Fish Lk	N. Holly	
8	Evans	N. Holly	Furbush	
8	Fagan	Quick	Belford	
8	Falk	E. Holly	Rood	
8	Fish Lk	Elliott	Belford	
8	Furbush	Evans	(somewhere north of Evans)	
8	Gage	Hembolt	Thompson	
8	Groveland	Dixie Hwy.	Vassar	
8	Grundyke	Kurtz	Gage	
8	Halsey	Belford	County Line	
8	Hess	Grange Hall	Dead End	
8	Holdridge	I-75	Groveland Twp.	
8	Houser	Rose Twp.	Fish Lk	30 In 0.50 mi. Needs a 45 mph sign.
8	Kurtz	Gage	Fish Lk	33 In 0.50 mi. Needs a 45 mph sign.
8	Lahring	N. Holly	I-75	
8	Mackey	Rood	Grange Hall	
8	Mc Clelland	Woodfield Parkway	Vassar	
8	Mitchell	Fish Lk	N. Holly	
8	Newark	Belford	Evans	
8	Quick	Fish Lk	N. Holly	
		N. Holly	Grange Hall	
8	Rood	Grange Hall	E. Holly	
8	Shields	Fagan	Uncertified	
8	Thompson	Genesee Co.	Halsey	
8	Tinsman	Eddy Lk	Fish Lk	
8	Tucker Rd	Dead End	Weber	
8	Vassar	Groveland	Genesee Co.	
8	Weber	Tucker	E. Holly	

### Independence Township

9	Allen	Holcomb	Oak Hill
9	Clement	Springfield Twp.	Andersonville
9	Cranberry	Allen	Perry Lk
9	Dartmouth	Whipple Lk	Oak Hill

9 Deer Lk  
 9 Ellis  
 9 Eston  
 9 Flemings Lk Rd  
 9 Foster  
 9 Hadley  
 9 Hubbard  
 9 Indianwood  
 9 Oak Hill  
 9 Perry Lk

Dixie Hwy  
 Holcomb  
 Clintonville  
 Walters  
 I-75  
 Springfield Twp.  
 Ortonville  
 Allen  
 Mattawa  
 Springfield Twp.  
 Clarkston  
 I-75

White Lk  
 Oak Hill  
 Indianwood  
 I-75

Sashabaw  
 Dixie Hwy  
 Oak Hill  
 Cantebury  
 Baldwin  
 Sashabaw  
 Dead End  
 Dead End  
 Oak Hill

9 Pine Knob Rd  
 9 Rattale Lk  
 9 Reese  
 9 Shapple  
 9 Stickney  
 9 Waldon  
 9 Waterford  
 9 Whipple Lk

35 in 0.50 mi. Needs a 45 mph sign.

Shapple  
 I-75  
 Ellis  
 Holcomb  
 Hadley  
 Sashabaw  
 Clintonville  
 Dixie Hwy  
 Pine Knob

Sashabaw  
 Hadley  
 Oak Hill  
 Perry Lk  
 Michigamme  
 Orton Twp.  
 Maybee  
 Eston

38 in 0.50 mi. Needs a 45 mph sign.  
 30 in 0.50 mi. Needs a 45 mph sign.

**Lyon Township**

10 Chubb  
 10 Currie  
 10 Dixboro  
 10 Eight Mile  
 10 Eleven Mile  
 10 Griswold  
 10 Henry  
 10 Ilaas  
 10 Johns  
 10 Locust  
 10 Martindale  
 10 Napier  
 10 Nine Mile

Eight Mile  
 Eight Mile  
 Eight Mile  
 Eleven Mile  
 Dixboro  
 Johns  
 Milford  
 Eight Mile  
 Locust  
 Haas Lk Park  
 Ski's  
 Milford  
 Eleven Mile  
 Silver Lk  
 Grand River  
 Nine Mile  
 Griswold  
 Ten Mile  
 Ten Mile  
 Lake  
 (for 1 mile)  
 Pontiac  
 Napier  
 Just past South Hill  
 Nine Mile  
 Twelve Mile  
 Twelve Mile  
 Twelve Mile  
 Henry  
 Tonester Cir.  
 Montego  
 Dead End  
 Just past Eleven  
 Chubb

10 Old Plank  
 10 South Hill  
 10 Spalding  
 10 Travis  
 10 Twelve Mile

Grand River  
 Eleven Mile  
 Eleven Mile  
 Marindale  
 Marindale  
 Spalding  
 Pontiac Trail  
 Pontiac Trail  
 Twelve Mile  
 Milford  
 Spalding  
 Lake View Dr.

35 in 0.50 mi. Needs a 45 mph sign.  
 30 in 0.50 mi. Needs a 45 mph sign.

**Milford Township**

11 Buno  
 11 Burns  
 11 Charms  
 11 Childs Lk  
 11 Cooley Lk  
 11 Dawson

Huron River Pkwy  
 Labadie  
 Garden  
 Wixom  
 E. Buno  
 E. Maple  
 Pettibone  
 Garner  
 Milford  
 Old Plank  
 Milford City Limits  
 Pearson  
 Hickory Ridge Trail  
 Maple Beach  
 Huron River Pkwy  
 Dawson  
 E. Maple  
 S. Hickory Ridge  
 Highland Twp  
 Dead End  
 Pontiac Trail  
 Milford City Limits  
 Milford

Charms  
 Maple Beach  
 Wixom  
 Cooley Lk  
 Wixom  
 E. Dawson  
 Pinewood  
 Milford  
 Old Plank  
 Childs  
 Wixom  
 Commerce  
 Stoneridge  
 Stobart  
 Commerce Twp  
 General Motors  
 Old Plank Ct  
 Dead End  
 Milford  
 Stobart  
 Walnut Ridge  
 Cooley Lk  
 S. Hill

31 drives in 0.50 mi. Needs a 45 mph sign.

11 Garden  
 11 Garner  
 11 Honeywell  
 11 Labadie  
 11 Maple  
 11 Martindale  
 11 Old Plank  
 11 Pearson  
 11 Rowe  
 11 S. Hickory  
 11 S. Hill  
 11 Weaver  
 11 W. Moore

Huron River Pkwy  
 Labadie  
 Garden  
 Wixom  
 E. Buno  
 E. Maple  
 Pettibone  
 Garner  
 Milford  
 Old Plank  
 Milford City Limits  
 Pearson  
 Hickory Ridge Trail  
 Maple Beach  
 Huron River Pkwy  
 Dawson  
 E. Maple  
 S. Hickory Ridge  
 Highland Twp  
 Dead End  
 Pontiac Trail  
 Milford City Limits  
 Milford

**Novi Area**

12 Napier

Novi Meadows Blvd.

**Oakland Township**

13 28 Mile  
13 Brewster  
13 Buell

13 Clarkston  
13 Dutton

13 Gallagher  
13 Gunn

13 Hadden  
13 Harmon  
13 Hall Lk  
13 Hixon  
13 Inwood  
13 Kern  
13 Kline  
13 Lake George

13 Letts  
13 Liversols  
13 Mead  
13 Miller  
13 Parks  
13 Predmore  
13 Rush  
13 Sheldon  
13 Silver Bell  
13 Snell  
13 Winkler Mill

Macomb Co.

Dutton  
Rochester

Orion  
Lk George  
Orion Twp.

Adams  
Lost Lane  
Silver Bell

Kern  
Strathmore  
Knob Creek

Gunn  
Stoney Creek  
Rochester

Gunn  
Hadden  
South Creek  
Predmore

Orion  
Stoney Creek  
Rochester

Dutton  
Rochester  
Orion Twp.

Rush  
Harmon  
Parks

Mead  
Abbey  
Valley View

Rochester  
Mead

Gunn

Silver Bell  
Hixon

Lk George  
Collins

Stoney Creek  
Brewster

Orion  
Orion

Catalpa  
Rochester

Washington Twp.  
Inwood

Predmore  
Predmore

Inwood  
Dequindre

Clarkston  
Romeo

Stoney Creek  
Addison Twp.

Rush  
Orion

Winkler Mill  
Harmon

Dequindre  
Dequindre

Predmore  
Gunn

Orion  
Oak Arbor

Washington Twp.  
Dead End

31 in 0.50 mi. Needs a 45 mph sign.

35 drives in 0.50 mi. Needs a 45 mph sign.

33 in 0.50 mi. Needs a 45 mph sign.

### Orion Township

14	Bald Mountain		
14	Casemar	Silver Bell	Dutton
14	Clarkston	Hemingway	Lapeer
14	Coats	Lapeer	Oakland Twp.
14	Conklin	Indianwood	Stanton
		Orion	Miller
14	Greensfield	Forest Lake	Indian Lake
14	Hemingway	Joslyn	Kern
14	Indian Lake	Casemar	Clarkston
14	Judah	Lapeer	Oakland Twp.
14	Kern	Baldwin	Joslyn
14	McGrregor	Silver Bell	Orion
14	Nakomis	Conklin	Oakland Twp.
14	Newman	Cayuga	Oxford Twp.
14	Rohr	Uncertified	Stanton
14	Scripps	I-75	Morgan
		Joslyn	Lapeer
14	Waldon	Baldwin	Newman
		Independence Twp.	Shadow Creek

30 in 0.50 mi. Needs a 45 mph sign.

27 in 0.25 mi. Probably needs a 35 mph sign.

30 in 0.397 mi. Needs a 45 mph sign.

40 in 0.50 mi. Needs a 45 mph sign.

36 in 0.50 mi. Needs a 45 mph sign.

35 in 0.50 mi. Needs a 45 mph sign.

45 in 0.50 mi. Needs a 35 mph sign.

### Oxford Township

15	Baldwin		
15	Barber	Oakwood	Davison Lk
15	Barr	Oakwood	Davison Lk
15	Coats	Indian Lk	Lakeville
15	Davison	Stanton	Oakwood
15	Delano	Baldwin	Ludwig
15	Drahner	Ray	Davison Lk
		Baldwin	Coats
		Coats	Sanders
		Oxford Lk. Drive	Barr
15	Dunlap	Granger	24
15	Gardner	Noble	Davison Lk
15	Granger	Baldwin	Seymour
15	Hummer Lk	Baldwin	Metamora
15	Indian Lk	24	Barr
15	Metamora	24	Davison
15	Newman	Stanton	Drahner
15	Noble	Oxford	Addison Twp.
15	Oakwood	24	Appleman
15	Oxford	Gardner	Oakwood

35 drives in 0.50 mi. Needs a 45 mph sign



15 Ray

- 15 Sanders
- 15 Shipman
- 15 Stanton
- 15 Thomas
- 15

24

- Oxford
- Addison Twp.
- Seymour
- Coats
- Newman
- 24
- Davison

37 drives in 0.50 mi. Needs a 45 mph sign

### Pontiac Area

- 16 Gallogly
- 16 Lake Angelus
- 16 Rohr

- Stanley
- Rhor
- Lake Angelus

- Baldwin
- Baldwin
- Orlon Twp.

### Rochester Area

- 17 Dutton
- 17 Livernois
- 17 Mead
- 17 Washington
- 17 Winkler Mill

- Adams
- Rainbow
- Tienken
- Rochester
- Runyon
- Washington

- Brewster
- Birch Tree
- Dutton
- Winkler Mill
- Dequindre
- Mead

31 in 0.50 mi. Needs a 45 mph sign.

### Rose Township

- 18 Baker
- 18 Bethke
- 18 Bone
- 18 Buckhorn Lk
- 18 Chana
- 18 Davisburg
- 18 Demode
- 18 Eagle
- 18 Fish Lk
- 18 Hensell
- 18 Houser
- 18 Joel
- 18 Munger
- 18 Oakhurst
- 18 Parker

- Tipsico
- Hickory Ridge
- Tipsico
- Highland Twp.
- Milford
- Buckhorn Lk
- Tipsico
- Highland Twp.
- Highland Twp.
- Davisburg
- Hickory Ridge
- Rosell
- Fish Lk
- Rosell
- Oakhurst

- Hickory Ridge
- Fenton
- Taylor
- Fenton
- Rose Center Drive
- Milford
- Rose Center Drive
- Rattalee Lk
- Fenton
- Rattalee Lk
- Fish
- Parker
- Milford
- Davisburg
- Springfield Twp.

35 drives in 0.50 mi. Needs a 45 mph sign

18	Pepper	Rose Center Drive	Pool
18	Pool	Pepper	Eagle
18	Ranch	Rose Center Drive	Eagle
18	Ratalee Lk	Taylor	Weber
18	Rose Center Drive	Tipsico	Millford
		Millford	Highland Twp.
18	Rosell	Water	Joel
18	Sackner	Tipsico	Hickory Ridge
18	Taylor	Rose Center Drive	Ratalee Lk
18	Terrace	Davisburg	Ratalee Lk
18	Tipsico	Highland Twp.	Rose Center Drive
18	Tucker	Holly Twp	Weber
18	Water	Munger	Rosell
18	Weber	Ratalee Lk	Tucker

**Royal Oak Area**

19

**Southfield Township**

20

**Springfield Township**

21	Big Lk	Ormond	Hillsboro	35 drives in 0.50 mi. Needs a 45 mph sign.
		Andersonville	Clark	
21	Bigelow	Davisburg	Ratalee	
21	Clark	Andersonville	Ridgewood Drive	
21	Clement	Independence Twp.	Foster	
21	Crosby Lk	(Subdivision)	Andersonville	
21	Dillef	Clark	Davisburg	
21	Eagle	White Lk Twp.	Neal	
21	Eaton	Davisburg	Ratalee	
21	Edgar	Andersonville	Foster	
21	Ellis	Holcomb	Kler	
21	Ely	I-75	Bigelow	
21	Farley	Andersonville	Big Lk	
21	Foster	Farley	Independence Twp.	
21	Gibbs	Ratalee	Oak Hill	

37 drives in 0.50 mi. Needs a 45 mph sign.

21	Hall			Andersonville
21	Hillsboro	Scott		Schaffer
		Crosby Lk		Big Lk
21	Hogback Lk	Schaffer		Clark
21	Kier	Andersonville		Ellis
21	Knox	Gibbs		Ellis
21	Lake	Lake		Kier
21	Lake	Rattalee		Ormond
21	Neal	Eagle		Gibbs
21	Oak Hill	Holly		Holcomb
21	Old Pond Bridge	I-75		Andersonville
21	Old White Lk	White Lk		Ormond
21	Parker	Rose Twp.		Ellis
21	Rattalee	Weber		Clark
21	Ridgewood Drive	Big Lk		Big Lk
21	Scott Lk	Ormond		Hillsboro
21	Shaffer	Ormond		Rattalee
21	Tindall	Davisburg		Groveland Twp
		Rattalee		Holly
21	Tucker	Weber		Big Lk
21	Ware	Uncertified		Tucker
21	Weber	Rattalee		Dead End
21	Woodland Trail	Ormond		

35 drives in 0.50 mi. Needs a 45 mph sign.

36 drives in 0.50 mi. Needs a 45 mph sign.

**Troy Area**  
22

**Waterford Township**

23	Coomer	Hillier	Clinton River
23	Hospital	Pontiac Lk	Highland
23	Hunt	Cooley	Lockhaven
23	Lake Angelus	Clintonville	Rohr
23	Lockhaven	Cooley	Elizabeth Lk
23	Maceday	White Lk Twp.	Nelsey
23	Mann	Red Oak	Rohr
23	Rohr	Lake Angelus	Mann

**West Bloomfield Township**

24	Cooley Lk	Huntwood Park	Lochaven
24	Coomer	Hillier	Sugar Maple Way
24	Halsted	Fourteen Mile	Walnut
24	Oakley Park	Haggerty	Bunker
24	Walnut	Haggerty	Halstead

**White Lake Township**

25	Brendel	McKeachie	Cuthbert
25	Brookfield	Eagle	Lk Grove
25	Cedar Island	Ford	Oxbow
25	Cooley Lk	Highland Twp.	Bogle Lk
25	Crosby Lk	Subdivision	Springfield Twp.
25	Cross	Maceday	White Lk
25	Cuthbert	Crosby Lk	Brendel
25	Eagle	Highland Twp.	White Lk
25	Fisk	Highland	Pontiac Lk
25	Ford	Cooley Lk	Highland
25	Gale	Teggerdine	Camelot
25	Grass Lk	Ormond	McKeachie
25	Haley	Porter	Hitchcock
25	Hill	Highland	Lake . . .
25	Hitchcock	Porter	Pontiac Lk
25	Jackson Blvd	Ormond	McKeachie
25	Maceday	Cross	Waterford Twp.
25	McKeachie	Lake	White Lk
25	Orr	Dead End	White Lk
25	Oxbow	Cooley Lk	Cedar Island
25	Pontiac Lk	Brendel	Teggerdine
25	Porter	Margie Dr.	Kingston
25	Sugden	Lake	Hitchcock
25	Teepie Lk	Cooley Lk	Cedar Island
25	Teggerdine	Highland Twp.	Ford
25	White Lk	White Lk	Dead End
		Cross	Waterford Twp.

50 in 0.50 mi. Needs a 35 mph sign.

30 in 0.50 mi. Needs a 45 mph sign.

30 in 0.50 mi. Needs a 45 mph sign.