



## 2020 TOWNSHIP ANNUAL MEETING AGENDA

1. Introductions
2. 2019 Local Maintenance
3. 2019 Local Road Project Summary
4. Township Matching Program
5. Local Road Projects (2013 to 2019)
6. Primary Road – 3 Year Plan
7. Township Traffic Counts
8. 2019 Township PASER Ratings
9. Countywide Local Road Conditions
10. Countywide Primary Road Conditions
11. Local Roads – 3 Year Plan (Suggested by Foreman)

# Blissfield Township - 35

## Local Maintenance

Work Description	2017 Amount Spent	2018 Amount Spent	2019 Amount Spent
Culvert Inspection	\$0.00	\$345.80	\$0.00
Bridge Inspection	\$124.29	\$123.66	\$124.70
Paser Rating	\$185.63	\$852.51	\$138.04
Traffic Count	\$0.00	\$409.05	\$0.00
Foreman Patrol	\$9,066.31	\$6,877.87	\$8,905.82
Soil Stabilization	\$1,683.65	\$1,201.87	\$719.16
Shoulder Maintenance	\$322.48	\$347.98	\$295.21
Tree and Brush Removal	\$216.37	\$1,139.19	\$2,942.16
Roadside Cleanup	\$0.00	\$0.00	\$111.12
Grass and Weed control	\$2,547.45	\$2,468.80	\$1,869.20
Winter Maintenance Operation	\$10,463.54	\$15,455.40	\$15,975.10
Traffic Signs	\$1,063.46	\$1,293.66	\$520.56
Re-Sign Program	\$0.00	\$10,400.14	\$0.00
Pavement Marking	\$215.97	\$1,832.28	\$474.94
Scraping	\$994.51	\$1,035.28	\$319.46
Asphalt Paving	\$0.00	\$0.00	\$0.00
Cold Patching	\$1,929.20	\$471.47	\$541.32
Spot Patching	\$160.81	\$1,156.25	\$281.82

Total	\$28,973.67	\$45,411.21	\$33,218.61
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## Salt Brine Order

2019		2020		2021	
Order	Township	Order	Township	Order	Township
1	16-Macon	1	32-Dover	1	13-Franklin
2	15-Tecumseh-14 Clinton	2	12-Cambridge	2	25-Ridgeway
3	41-Medina	3	31-Hudson	3	41-Medina
4	13-Franklin	4	45-Riga	4	44-Ogden
5	44-Ogden	5	22-Rome	5	24-Raisin
6	24-Raisin	6	23-Adrian	6	33-Madison
7	33-Madison	7	42-Seneca	7	21-Rollin
8	43-Fairfield	8	11-Woodstock	8	36-Deerfield
9	21-Rollin	9	35-Blissfield	9	43-Fairfield
10	36-Deerfield	10	25-Ridgeway	10	32-Dover
11	32-Dover	11	34-Palmyra	11	31-Hudson
12	12-Cambridge	12	16-Macon	12	12-Cambridge
13	31-Hudson	13	15-Tecumseh-14 Clinton	13	45-Riga
14	22-Rome	14	41-Medina	14	22-Rome
15	23-Adrian	15	13-Franklin	15	23-Adrian
16	42-Seneca	16	44-Ogden	16	35-Blissfield
17	11-Woodstock	17	24-Raisin	17	42-Seneca
18	35-Blissfield	18	33-Madison	18	34-Palmyra
19	25-Ridgeway	19	43-Fairfield	19	16-Macon
20	34-Palmyra	20	21-Rollin	20	15-Tecumseh-14 Clinton
		21	36-Deerfield	21	11-Woodstock

	May
	June
	July
	August

## Blissfield Township 2019 Projects

Work Order	Project Location	Project Description
193405	Wellsville Hwy - Rouget to Dee	Seal Coat & Fog Seal Split with Blissfield Township
193501	Rouget Rd - Iffland to E. Twp	Crackfill, Seal Coat & Fog Seal
193503	Iffland Rd - Blissfield to Rou	Crackfill, Seal Coat & Fog Seal LCRC Match Money 14,647.00
193505	Laberde Rd - Wellsville-Palme	2" 411 Limestone Split with Ridgeway Township
193507	Garno Rd - Blissfield-E.Twp Li	Underseal & Asphalt Overlay
193509	Seagar Rd - at Carroll Rd	12" Culvert Replacement 50% LCRC Participation Drainage Program
<b>Grand Total</b>		



### Blissfield Township 2019 Project Cost

Work Order	Project Location	Estimated Cost	Total Project Cost	Total Billings	Twp Billings	LCRC Match
193405	Wellsville Hwy - Rouget to Dee	\$ 28,799.91	\$ 24,715.45	\$ 24,715.45	\$ 12,256.86	
193501	Rouget Rd - Iffland to E. Twp	\$ 15,707.05	\$ 13,233.95	\$ 13,233.95	\$ 13,233.95	
193503	Iffland Rd - Blissfield to Rou	\$ 48,990.77	\$ 43,291.09	\$ 28,644.09	\$ 28,644.09	\$ 14,647.00
193505	Laberdee Rd - Wellsville-Palme	\$ 50,052.07	\$ 38,925.22	\$ 38,925.22	\$ 19,462.61	
193507	Garno Rd - Blissfield-E.Twp Li	\$ 87,871.71	\$ 81,487.52	\$ 81,487.52	\$ 81,487.52	
193509	Seagar Rd - at Carroll Rd	\$ 4,742.18	\$ 2,937.84	\$ 1,468.92	\$ 1,468.92	\$ 1,468.92
<b>Grand Total</b>		<b>\$ 236,163.69</b>	<b>\$ 204,591.07</b>	<b>\$ 188,475.15</b>	<b>\$ 156,553.95</b>	<b>\$ 16,115.92</b>

Total due as of January 7, 2020      \$            -

Lenawee County Match Program      \$    14,647.00

Lenawee County Drainage Match      \$      1,468.92

## PROJECT HISTORY

(actual dollars spent)

TOWNSHIP	2015	2016	2017	2018	2019	5 YEAR AVG PER YEAR
WOODSTOCK	\$186,269	\$127,912	\$68,584	\$100,479	\$132,862	\$123,221
CAMBRIDGE	\$535,792	\$540,785	\$119,274	\$209,276	\$157,858	\$312,597
FRANKLIN	\$139,828	\$222,496	\$216,309	\$270,291	\$149,067	\$199,598
CLINTON	\$118,928	\$93,567	\$121,908	\$120,002	\$82,604	\$107,402
TECUMSEH	\$75,312	\$57,128	\$93,072	\$91,391	\$47,890	\$72,959
MACON	\$116,348	\$74,940	\$134,550	\$139,117	\$91,773	\$111,346
ROLLIN	\$141,312	\$117,506	\$86,919	\$234,802	\$213,580	\$158,824
ROME	\$139,689	\$77,633	\$76,834	\$73,207	\$66,980	\$86,869
ADRIAN	\$72,669	\$771,341	\$344,996	\$198,224	\$680,208	\$413,488
RAISIN	\$375,398	\$476,102	\$422,830	\$540,096	\$258,285	\$414,542
RIDGEWAY	\$236,572	\$346,483	\$93,007	\$36,752	\$171,610	\$176,885
HUDSON	\$111,054	\$92,184	\$86,071	\$90,553	\$81,218	\$92,216
DOVER	\$133,380	\$82,734	\$101,233	\$193,460	\$290,657	\$160,293
MADISON	\$202,729	\$198,643	\$149,443	\$319,420	\$240,213	\$222,089
PALMYRA	\$28,014	\$105,032	\$172,872	\$144,294	\$138,162	\$117,675
BLISSFIELD	\$162,986	\$302,818	\$80,104	\$115,220	\$156,554	\$163,536
DEERFIELD	\$145,526	\$106,637	\$122,629	\$51,447	\$115,260	\$108,300
MEDINA	\$212,805	\$238,450	\$160,568	\$194,398	\$135,967	\$188,437
SENECA	\$163,692	\$51,627	\$0	\$0	\$243,517	\$91,767
FAIRFIELD	\$122,420	\$164,448	\$134,974	\$173,923	\$100,619	\$139,277
OGDEN	\$116,621	\$155,289	\$195,340	\$138,160	\$229,892	\$167,060
RIGA	\$182,300	\$120,414	\$100,262	\$134,972	\$156,500	\$138,890
TOTAL	\$3,719,643	\$4,524,168	\$3,081,778	\$3,569,482	\$3,941,276	\$3,767,269

# TOWNSHIP PROJECT CONTRIBUTION HISTORY

## (2015-2019)

TOWNSHIP	5 YEAR AVERAGE CONTRIBUTION PER YEAR	5 YEAR AVERAGE CONTRIBUTION PER MILE	5 YEAR AVERAGE PER CAPITA PER YEAR
WOODSTOCK	\$123,221	\$2,510	\$45
CAMBRIDGE	\$312,597	\$5,199	\$65
FRANKLIN	\$199,598	\$3,425	\$63
CLINTON	\$107,402	\$4,338	\$85
TECUMSEH	\$72,959	\$3,531	\$37
MACON	\$111,346	\$2,843	\$75
ROLLIN	\$158,824	\$3,284	\$54
ROME	\$86,869	\$1,854	\$49
ADRIAN	\$413,488	\$6,967	\$69
RAISIN	\$414,542	\$6,180	\$55
RIDGEWAY	\$176,885	\$3,881	\$185
HUDSON	\$92,216	\$2,564	\$70
DOVER	\$160,293	\$3,347	\$96
MADISON	\$222,089	\$5,346	\$26
PALMYRA	\$117,675	\$2,591	\$56
<b>BLISSFIELD</b>	<b>\$163,536</b>	<b>\$5,777</b>	<b>\$258</b>
DEERFIELD	\$108,300	\$2,608	\$162
MEDINA	\$188,437	\$3,690	\$173
SENECA	\$91,767	\$1,896	\$75
FAIRFIELD	\$139,277	\$2,287	\$79
OGDEN	\$167,060	\$2,992	\$172
RIGA	\$138,890	\$2,057	\$99
<b>TOTAL</b>	<b>\$3,767,269</b>	<b>\$3,609</b>	<b>\$67</b>

POLICY OF THE  
BOARD OF COUNTY ROAD COMMISSIONERS  
OF THE COUNTY OF LENAWEЕ

Category: Operations

Subject: Township Participation

Adopted On: December 21, 2017  
Revised On: April 19, 2018  
October 18, 2018

The monetary contribution by the Lenawee County Road Commission to Local Road projects shall be limited to the following areas:

**LOCAL BRIDGE PROGRAM**

The Lenawee County Road Commission will contribute those monies required for participation in the Local Bridge Program. Participation will be at 50% for design engineering, 50% for construction engineering, and 50% in the local match with the Local Bridge Program funding.

**DRAINAGE STRUCTURES**

The Lenawee County Road Commission will participate at 50% for replacement of drainage structures (i.e. culverts, bridges). Total yearly contributions are capped at \$150,000.00 for all such projects and will be awarded on a first come first serve basis. The total amount available for this match on a yearly basis may increase or decrease depending on available funding.

**ROAD RESURFACING**

Beginning in 2019, the Legislature intends to appropriate income tax revenue to road agencies, according to the Act 51 formula, in these amounts: 2019 (\$150 million), 2020 (\$325 million), 2021 and thereafter (\$600 million). Pending receipt of these additional fund from the State General Fund the Lenawee County Road Commission will participate 50% in road resurfacing projects or treatments at the following amounts countywide: \*2019 (\$250,000), 2020 (\$540,000), 2021 and thereafter (\$1,000,000).

The match dollars per township is be based upon each townships current percentage of local roads in comparison to the countywide local road system. Matching funds do not carry over and must be spent in the fiscal year allocated. The matching dollar amounts are shown below:

<u>Township</u>	<u>Percentage</u>	* <u>2019</u>	<u>2020</u>	<u>2021 +</u>
Adrian	5.69 %	\$ 14,216	\$ 30,707	\$ 56,864
Blissfield	2.71 %	\$ 6,781	\$ 14,647	\$ 27,124
Cambridge	5.76 %	\$ 14,410	\$ 31,126	\$ 57,640
Clinton	2.37 %	\$ 5,931	\$ 12,810	\$ 23,723
Deerfield	3.98 %	\$ 9,948	\$ 21,487	\$ 39,790
Dover	4.59 %	\$ 11,471	\$ 24,777	\$ 45,884
Fairfield	5.83 %	\$ 14,587	\$ 31,508	\$ 58,349
Franklin	5.58 %	\$ 13,957	\$ 30,148	\$ 55,829
Hudson	3.45 %	\$ 8,616	\$ 18,610	\$ 34,463
Macon	3.75 %	\$ 9,382	\$ 20,266	\$ 37,529
Madison	3.98 %	\$ 9,950	\$ 21,492	\$ 39,800
Medina	4.89 %	\$ 12,233	\$ 26,423	\$ 48,931
Ogden	5.35 %	\$ 13,373	\$ 28,885	\$ 53,491
Palmyra	4.35 %	\$ 10,879	\$ 23,499	\$ 43,517
Raisin	6.43 %	\$ 16,068	\$ 34,706	\$ 64,270
Ridgeway	4.37 %	\$ 10,918	\$ 23,582	\$ 43,671
Riga	6.47 %	\$ 16,173	\$ 34,934	\$ 64,692
Rollin	4.63 %	\$ 11,584	\$ 25,021	\$ 46,334
Rome	4.49 %	\$ 11,224	\$ 24,244	\$ 44,897
Seneca	4.64 %	\$ 11,593	\$ 25,041	\$ 46,373
Tecumseh	1.98 %	\$ 4,949	\$ 10,689	\$ 19,795
Woodstock	4.70 %	\$ 11,758	\$ 25,398	\$ 47,034

\* Due to additional state funding received for FY2019, the 2019 matching dollars will be increased to the 2020 amounts.

This policy supersedes and replaces all previous policies on this subject matter.



## 2019 Match Money Road Resurfacing or Treatments (Up to 50% of Project)

Township	2019 Amount	Work Order	
Blissfield	\$ 14,647.00	193503	Iffland Rd - Crackfill, Seal Coat & Fog Seal
<b>7/15/19 Invoicing</b>	\$ (14,069.60)	<b>Invoice 101239</b>	
<b>7/17/19 Invoicing</b>	\$ (577.40)	<b>Invoice 101259</b>	
<b>Unused bal</b>	\$ -		

Questions: please contact Amy at 517-265-6971 ext 303 or amyw@lenaweeroads.com

Please notice that your invoice(s) that include match money will show the following:

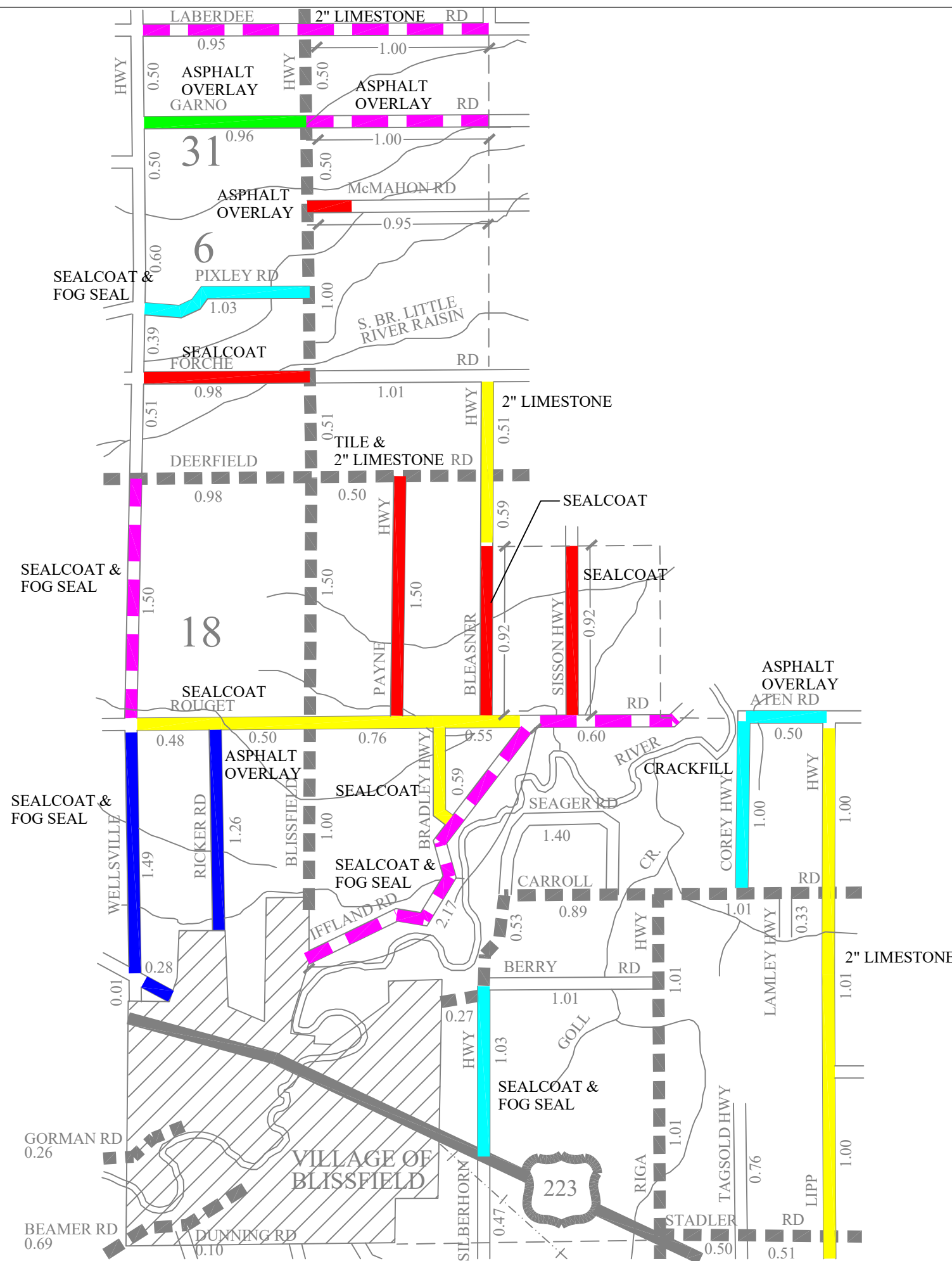
Customer Share 50% - however once you have reached the total 2019 match amount, 100% of the balance of the project will be billed to the township although the invoice will continue to say Customer Share 50%

## 2019 Match 50% Participation on Drainage Structures

Date	Amount	Invoice	Work Order
			Segar Rd
09/18/19	\$ 1,468.92	101398	193509
	<b>\$ 1,468.92</b>	<b>Total LCRC Drainage Share</b>	

# 2019 LOCAL ROAD IMPROVEMENTS

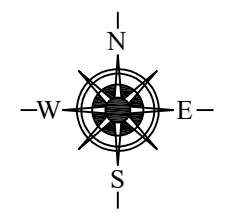
TOWNSHIP	TOWNSHIP CONTRIBUTION	LCRC CONTRIBUTION	TOTAL
WOODSTOCK	\$132,862	\$25,398	\$158,260
CAMBRIDGE	\$157,858	\$31,126	\$188,984
FRANKLIN	\$149,067	\$64,575	\$213,641
CLINTON	\$82,604	\$45,439	\$128,043
TECUMSEH	\$47,890	\$74,674	\$122,564
MACON	\$91,773	\$26,553	\$118,326
ROLLIN	\$213,580	\$29,105	\$242,686
ROME	\$66,980	\$24,868	\$91,847
ADRIAN	\$680,208	\$51,667	\$731,875
RAISIN	\$258,285	\$50,365	\$308,650
RIDGEWAY	\$171,610	\$32,565	\$204,175
HUDSON	\$81,218	\$25,478	\$106,696
DOVER	\$290,657	\$78,665	\$369,322
MADISON	\$240,213	\$21,492	\$261,705
PALMYRA	\$138,162	\$32,637	\$170,800
<b>BLISSFIELD</b>	<b>\$156,554</b>	<b>\$16,116</b>	<b>\$172,670</b>
DEERFIELD	\$115,260	\$21,764	\$137,024
MEDINA	\$135,967	\$29,127	\$165,093
SENECA	\$243,517	\$30,747	\$274,264
FAIRFIELD	\$100,619	\$31,508	\$132,127
OGDEN	\$229,892	\$57,534	\$287,426
RIGA	\$156,500	\$63,976	\$220,476
<b>TOTAL</b>	<b>\$3,941,276</b>	<b>\$865,377</b>	<b>\$4,806,654</b>



- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

PRIMARY ROAD SYSTEM IS 13.66 MILES  
 LOCAL ROAD SYSTEM IS 28.31 MILES

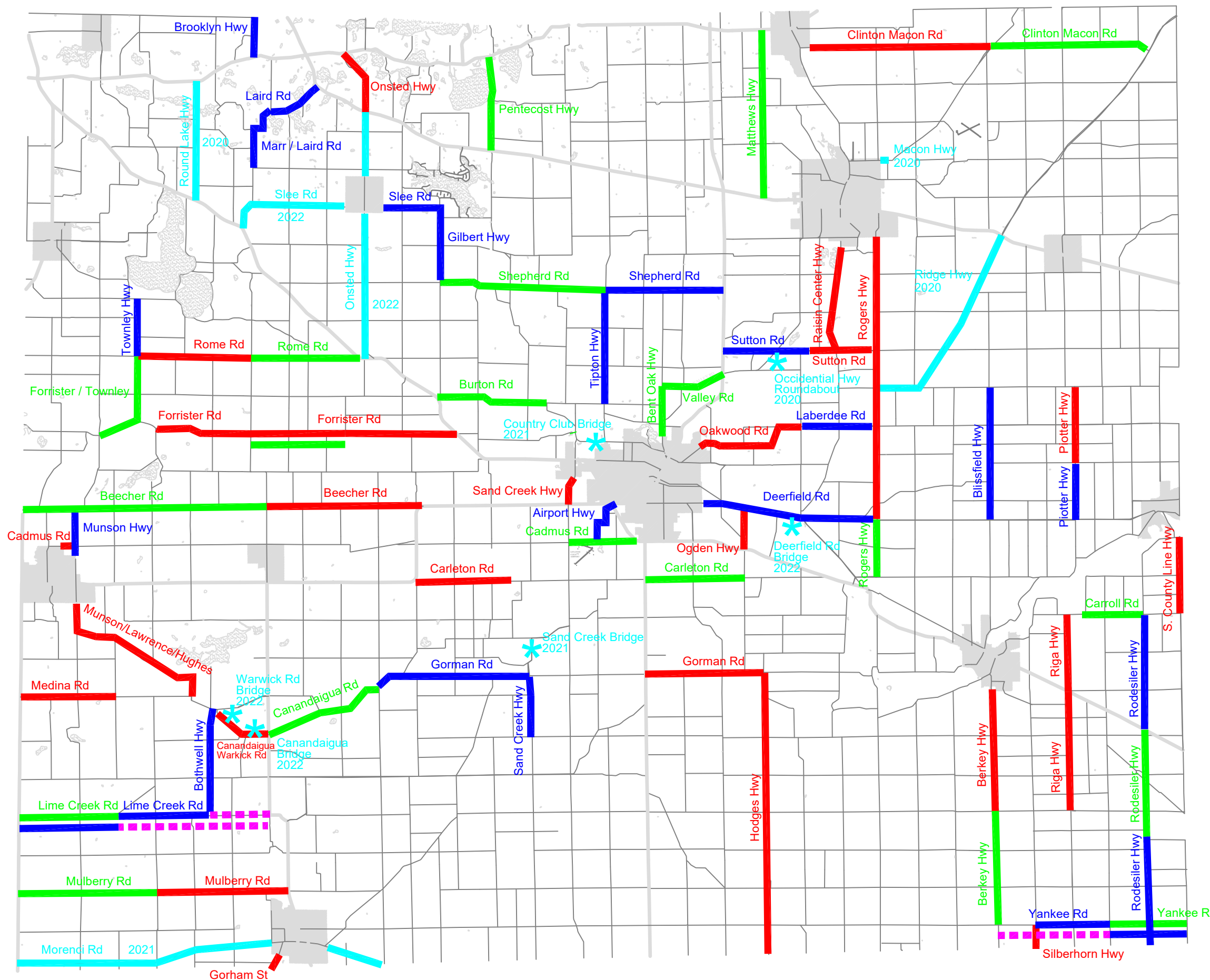
- 2013
- 2014
- 2015
- 2016
- 2017
- 2018
- 2019



## PAST PROJECTS BLISSFIELD TWP



# LENAWEE COUNTY ROAD COMMISSION PRIMARY ROAD - 3 YEAR PLAN 2020 TO 2022



2020

PROJECT LOCATION		DESCRIPTION OF WORK	MILEAGE
<b>Asphalt</b>			
Rome Rd	Townley to Skinner	Underseal and 185 lb Asphalt Overlay	3.02
Raisin Center Hwy	City to Sutton	Underseal and 185 lb Asphalt Overlay	3.04
Riga Hwy	Carroll to US-223	Underseal and 185 lb Asphalt Overlay	2.01
Berkey Hwy	Weston to Village Limits	Underseal and 185 lb Asphalt Overlay	3.18
Silberhorn Hwy	Ohio Line to Yankee	Underseal and 185 lb Asphalt Overlay	0.58
Forrister Rd	US-223 to Wilkinson	3 lifts HMA	2.95
Forrister Rd	Wilkinson to Skinner	Crush & Shape and Gravel	2.51
<b>Seal Coat</b>			
Gorman Rd	M-52 to Hodges	Crackfill & Seal Coat, Fog Seal	3.17
Riga Hwy	Weston to US-223	Crackfill, Wedges & Seal Coat, Fog Seal	3.18
Cadmus Rd	Hudson City to Munson	Crackfill, Wedges & Seal Coat, Fog Seal	0.38
Canandaigua / Warwick	M-156 to Medina Rd	Crackfill, Wedges & Seal Coat, Fog Seal	1.72
S. County Line Hwy	Carroll to Rodesiler	Crackfill, Wedges & Seal Coat, Fog Seal	2.01
Gorham St	Ohio Line to Morenci City	Crackfill, Wedges & Seal Coat, Fog Seal	0.26
Hodges Hwy	Ohio Line to Gorman	Crackfill, Wedges & Seal Coat, Fog Seal	7.51
Oakwood Rd/Laberdee Rd	City Limits to Wilmoth	Crackfill, Wedges & Seal Coat, Fog Seal	3.07
Ogden Hwy	US-223 to Deerfield	Crackfill, Wedges & Seal Coat, Fog Seal	1.08
Onsted Hwy	M-50 to US-12	Crackfill, Wedges & Seal Coat, Fog Seal	1.85
Sand Creek Hwy	M-34 to Adrian City	Crackfill, Wedges & Seal Coat, Fog Seal	0.73
Sutton Rd	0.2 mi W of Green to Rogers	Crackfill, Wedges & Seal Coat, Fog Seal	1.70
Clinton Macon Rd	Village to Ford	Crackfill & Seal Coat, Fog Seal	4.71
Ridge Hwy /Holloway	M-50 to Rogers	Underseal	5.74
Rogers Hwy	Russell to Deerfield	Crackfill & Seal Coat, Fog Seal	7.49
Round Lake Hwy	US-223 to US-12	Underseal	3.16
Medina Rd	Dillon to US-127	Crackfill, Wedges & Seal Coat, Fog Seal	2.53
Beecher Rd	M-34 to Morey	Crackfill & Seal Coat, Fog Seal	4.13
Munson/Lawrence/Hughes	City to Medina	Crackfill, Wedges & Seal Coat, Fog Seal	5.18
<b>Gravel</b>			
Mulberry Rd	M-156 to Ingall	2" Gravel	3.00
Piotter Hwy	Holloway to McMahon	2" 411 Limestone	2.01
Carleton Rd	Benner to End	2" Gravel	2.50
Forrister Rd	Skinner to Posey Lake	2" Gravel	1.54

2021

**PROJECT LOCATION**

**DESCRIPTION OF WORK**

**MILEAGE**

**Asphalt**

Rome Rd	Skinner to US-223	Underseal and 185 lb Asphalt Overlay	2.91
Forrister Rd	Wilkinson to Skinner	3 lifts HMA	2.51
Lime Creek Hwy	US-127 to Gallup Hwy	Crush & Shape and Gravel	2.51
Yankee Rd	County Line to Lipp Hwy	Crush & Shape and Gravel	2.03
Berkey Hwy	Weston to Yankee	Underseal and 185 lb Asphalt Overlay	2.99
Carleton Rd	M-52 to Ogden	Underseal and 185 lb Asphalt Overlay	2.61
Canandaigua Rd	M-156 to Seneca Hwy	Underseal and 185 lb Asphalt Overlay	3.32

**Seal Coat**

Bent Oak and Valley	City to M-52	Crackfill, Wedges & Seal Coat, Fog Seal	3.06
Slee Rd	US-223 to Village Limits	Underseal	3.71
Onsted Hwy / Stoddard	US-223 to Village of Onsted	Underseal	4.08
Clinton Macon Rd	Ridge to Ford	Crackfill, Wedges & Seal Coat, Fog Seal	4.41
Rogers Hwy	Deerfield to Rouget	Crackfill, Wedges & Seal Coat, Fog Seal	0.83
Burton Rd	US-223 to Wolf Creek	Crackfill, Wedges & Seal Coat, Fog Seal	2.94
Pentecost Hwy	M-50 to US-12	Crackfill, Wedges & Seal Coat, Fog Seal	2.58
Beecher Rd	Morey to US-127	Crackfill, Wedges & Seal Coat, Fog Seal	6.53
Forrister / Townley	Rollin to Manitou	Crackfill, Wedges & Seal Coat, Fog Seal	2.84
Carroll Rd	Rodesiler to 1.75 miles West	Crackfill, Wedges & Seal Coat, Fog Seal	1.75
Matthews Hwy	M-50 to US-12	Crackfill, Wedges & Seal Coat, Fog Seal	4.48
Cadmus Rd	US-223 to Sand Creek Hwy	Crackfill, Wedges & Seal Coat, Fog Seal	1.80
Shepherd Rd	Gilbert to Tipton	Crackfill, Wedges & Seal Coat, Fog Seal	4.48
Rodesiler Hwy	US-223 to New Bridge	Crackfill, Wedges & Seal Coat, Fog Seal	2.74

**Gravel**

Mulberry Rd	Ingall to US-127	2" Gravel	3.68
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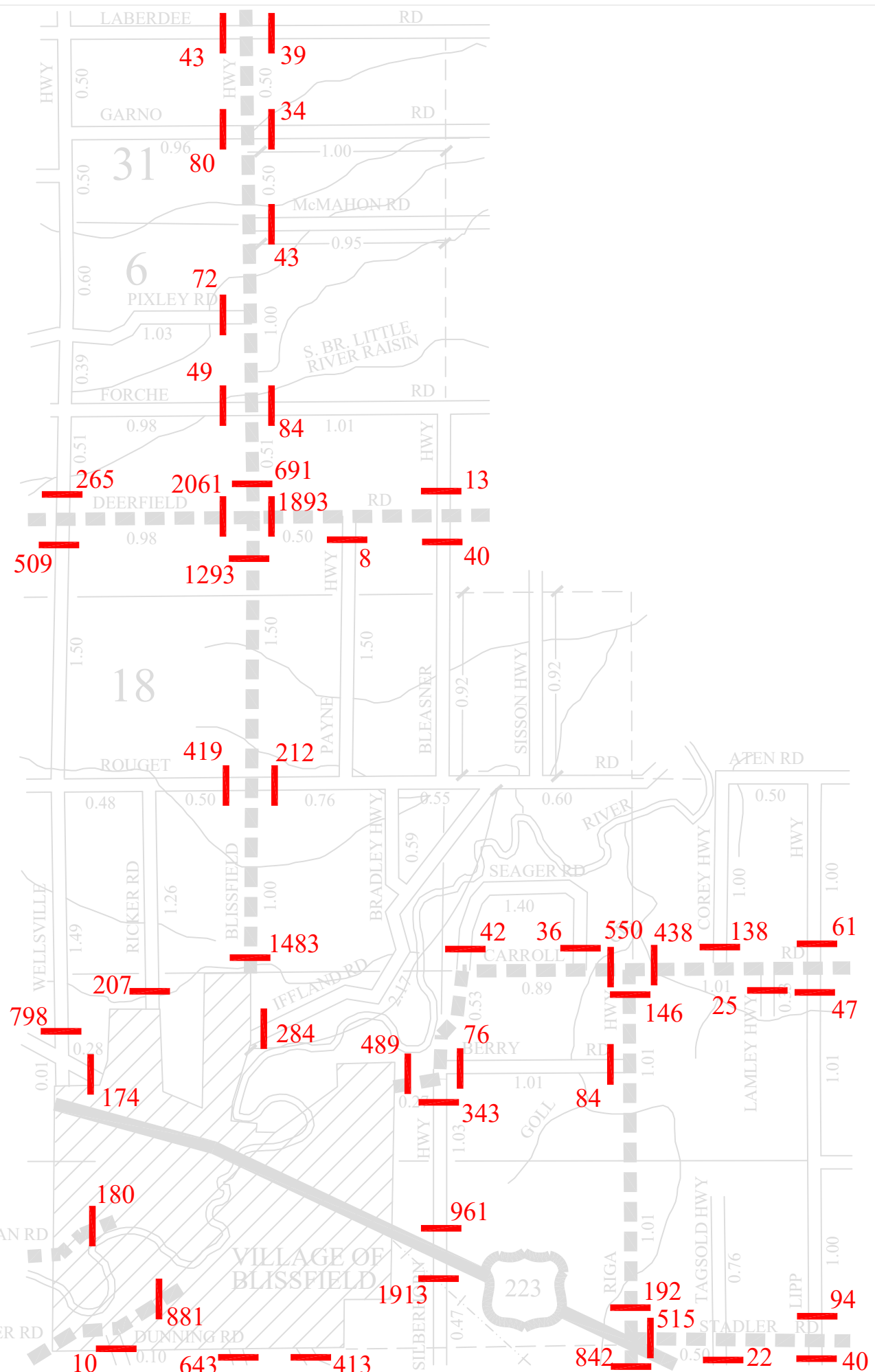
**PROJECT LOCATION**

**DESCRIPTION OF WORK**

**MILEAGE**

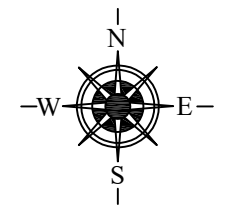
2022

<b>Asphalt</b>			
Lime Creek Hwy	Gallup Rd to Bothwell Hwy	Crush & Shape and Gravel	2.61
Lime Creek Hwy	US-127 to Gallup Rd	3 lifts HMA	2.51
Yankee Rd	Lipp Hwy to Silberhorn Hwy	Crush & Shape and Gravel	1.95
Tipton Hwy	Hunt Rd to Shepherd Rd	Underseal and 185 lb Asphalt Overlay	3.00
Gorman Rd	Sand Creek Hwy to Canandaigua Rd	Underseal and 185 lb Asphalt Overlay	3.66
Piotter Hwy	Deerfield Rd to McMahan Rd	Underseal and 185 lb Asphalt Overlay	1.51
Sand Creek Hwy	Gorman Rd to Horton Rd	Underseal and 185 lb Asphalt Overlay	1.62
Townley Hwy	Rome Rd to Manitou Rd	Underseal and 185 lb Asphalt Overlay	1.52
<b>Seal Coat</b>			
Brooklyn Hwy	US-12 to County Line	Crackfill, Seal Coat, Fog Seal	1.06
Laird Rd	M-50 to Brix Hwy	Crackfill, Seal Coat, Fog Seal	1.65
Slee Rd - Gilbert Hwy	Onsted Village Limits to Shepherd	Crackfill, Seal Coat, Fog Seal	3.51
Shepherd Rd	M-52 to Tipton Hwy	Crackfill, Seal Coat, Fog Seal	3.12
Munson Hwy	Hudson City to Beecher Rd	Crackfill, Seal Coat, Fog Seal	1.24
Airport Hwy	Cadmus Rd to Adrian City	Crackfill, Seal Coat, Fog Seal	1.41
Deerfield Rd	Adrian City to Rogers Hwy	Crackfill, Seal Coat, Fog Seal	4.73
Blissfield Hwy	Deerfield Rd to Holloway Rd	Crackfill, Seal Coat, Fog Seal	6.01
Rodesiler Hwy	Carroll Rd to US-223	Crackfill, Seal Coat, Fog Seal	3.04
Rodesiler Hwy	Ottawa Lake Rd to Ohio Line	Crackfill, Seal Coat, Fog Seal	2.83
Laberdee Rd	Wilmoth Hwy to Rogers Hwy	Crackfill, Seal Coat, Fog Seal	2.62
Sutton Rd	Occidental Hwy to W. of Green Hwy	Crackfill, Seal Coat, Fog Seal	0.93
<b>Gravel</b>			
Laird Rd	Brix Hwy to Stephenson Rd	2" Processed Gravel	1.87
Bothwell Hwy	Lime Creek Hwy to Pavement	2" Processed Gravel	2.44

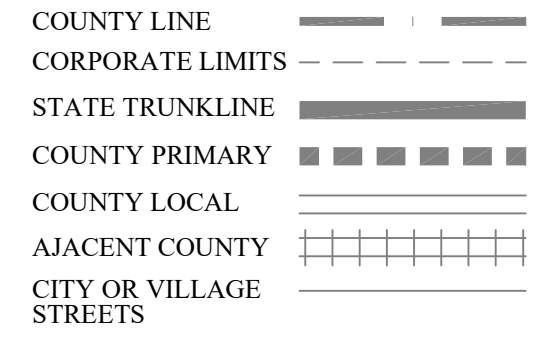
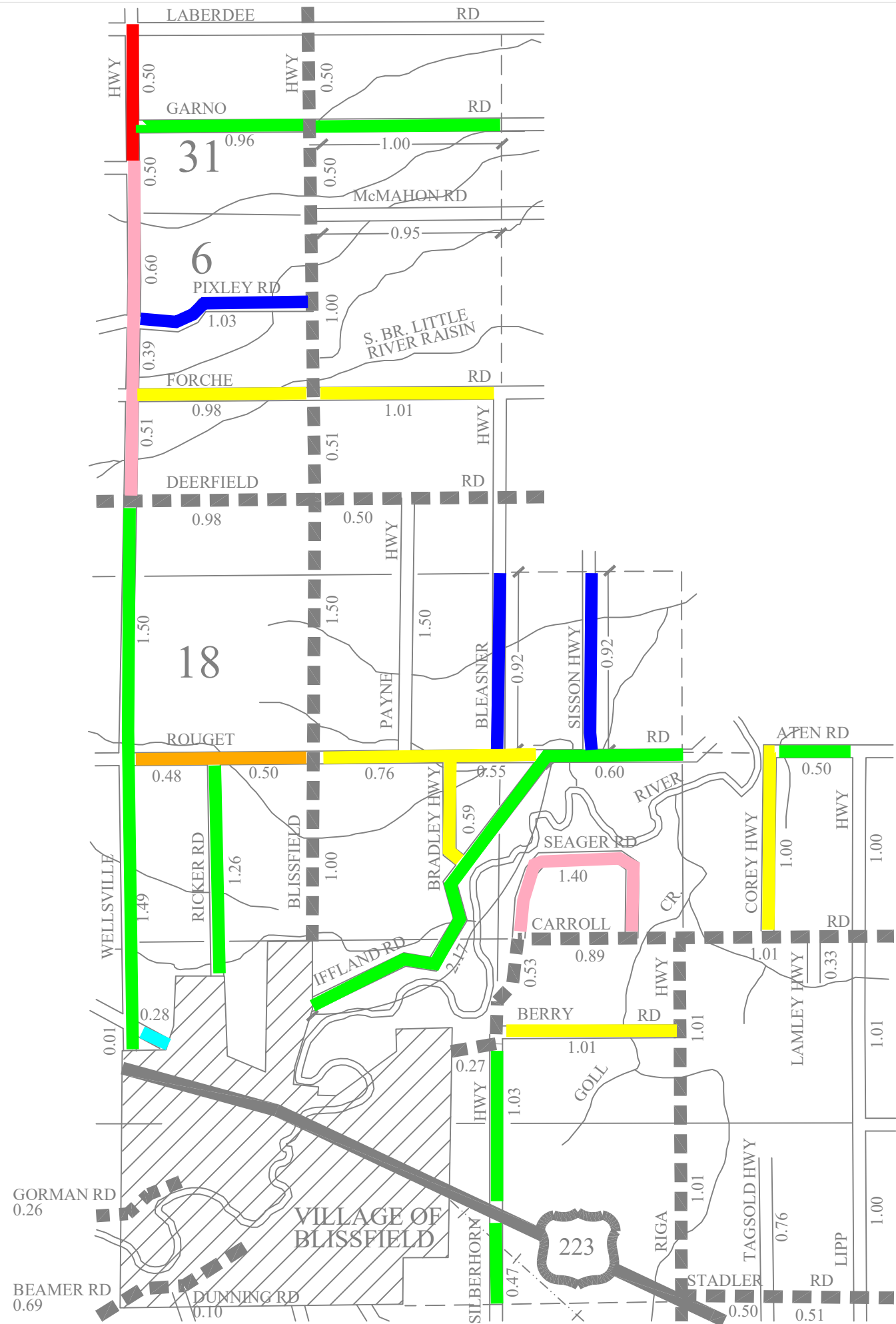


- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

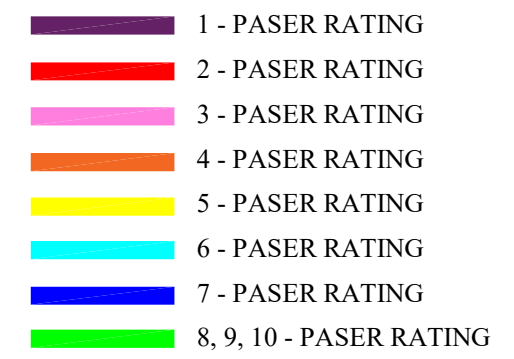
PRIMARY ROAD SYSTEM IS **13.66** MILES  
 LOCAL ROAD SYSTEM IS **28.31** MILES



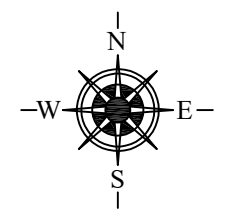
# BLISSFIELD TWP TRAFFIC COUNTS AUGUST 2018



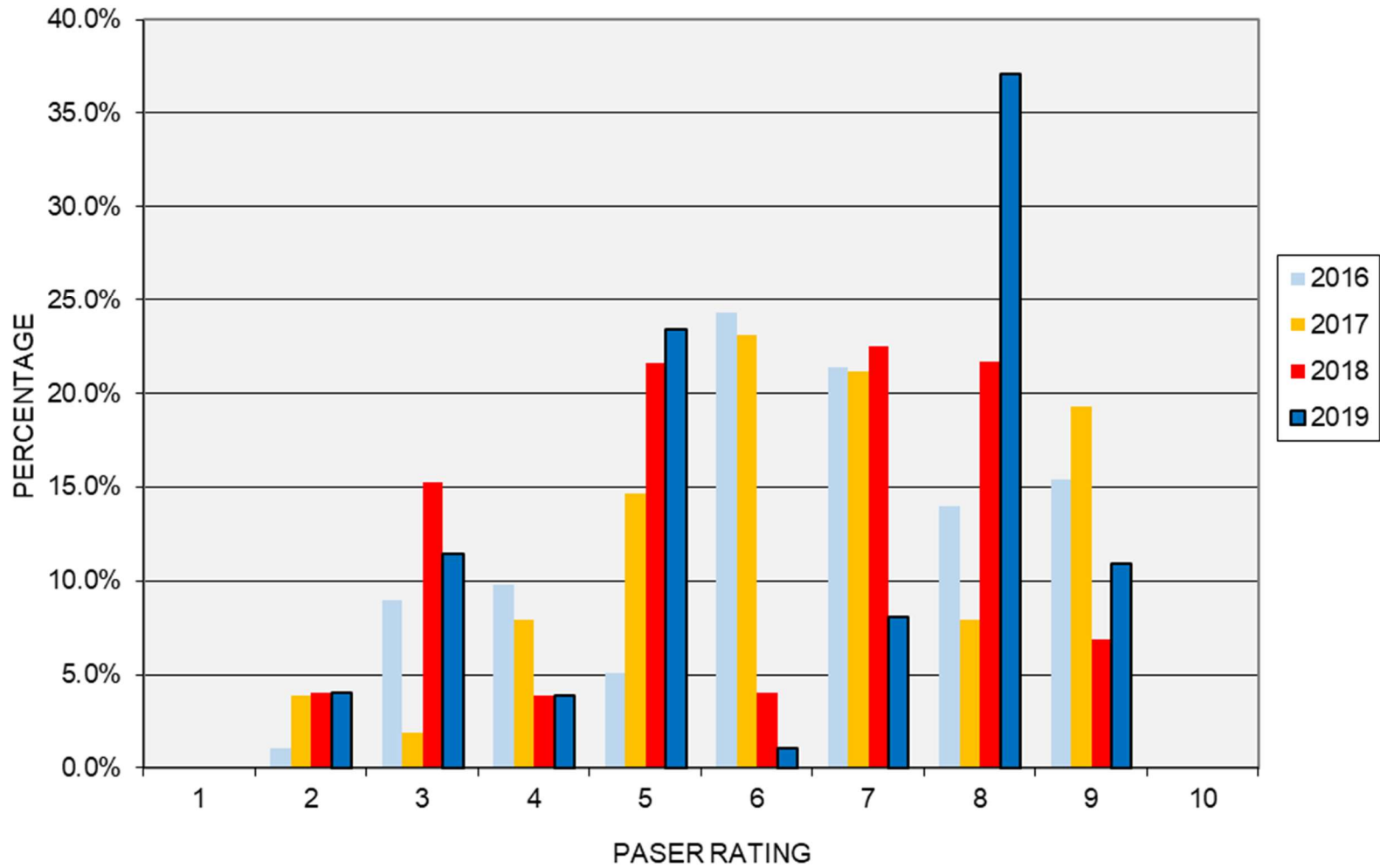
PRIMARY ROAD SYSTEM IS 13.66 MILES  
 LOCAL ROAD SYSTEM IS 28.31 MILES



# BLISSFIELD TWP 2019 PASER RATINGS



### Blissfield Township Local Pavement Condition

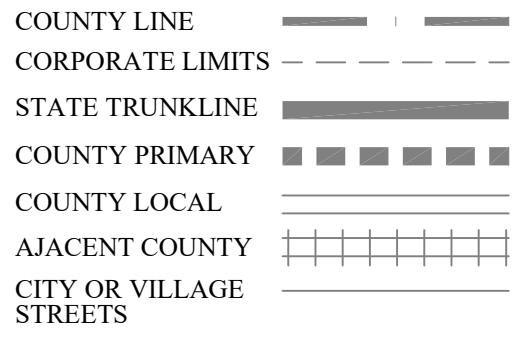
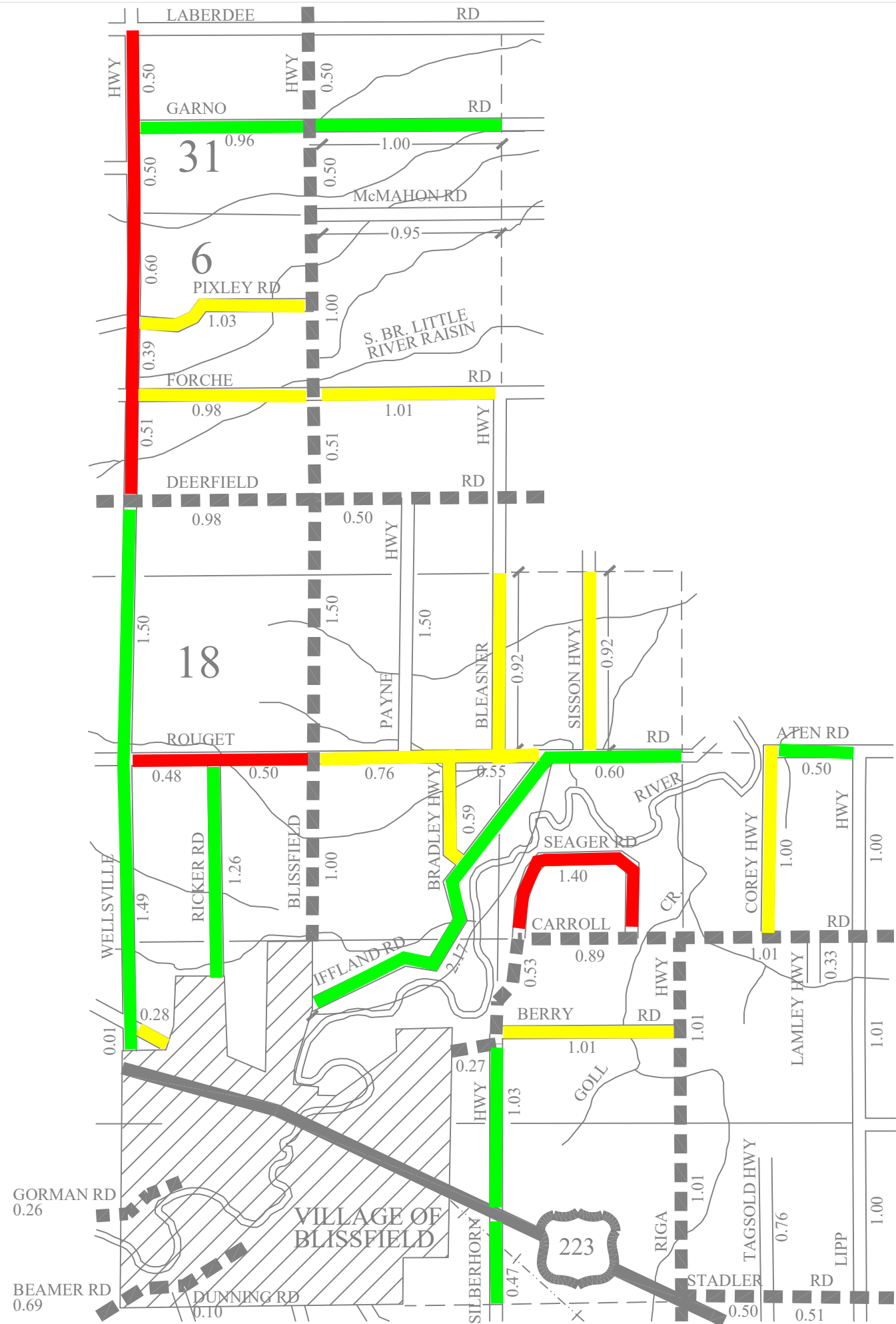




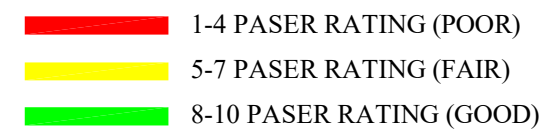
Blissfield Township  
Local Road Pavement  
2019 Condition Cost Summary

Paser Rating	Improvement Type	Miles	Cost per Mile	Total
10		0.00	\$0	\$0
9		2.74	\$0	\$0
8		9.29	\$0	\$0
7	Crackseal	2.03	\$10,000	\$20,300
6	Sealcoat	0.27	\$20,000	\$5,400
5	Wedge & Sealcoat	5.86	\$30,000	\$175,800
4	2" Overlay	0.98	\$120,000	\$117,600
3	3" Overlay	2.86	\$200,000	\$572,000
2	FDR and 3.5" Asphalt	1.02	\$400,000	\$408,000
1	Reconstruction	0.00	\$600,000	\$0
Total Paved Roads		25.05		\$1,299,100
Total Roads in Township		28.31		
Gravel Roads	4" Gravel / Drainage	3.26	\$50,000	\$163,000
Total Cost to Improve all Township Roads				\$1,462,100
Improvement costs (Paved Roads) based upon 2019 Rating Data =				\$1,299,100
Improvement costs (Paved Roads) based upon 2018 Rating Data =				\$1,528,800
Cost decrease from 2018 to 2019 using same dollars per mile =				(\$229,700)

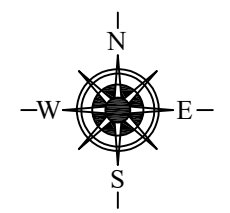




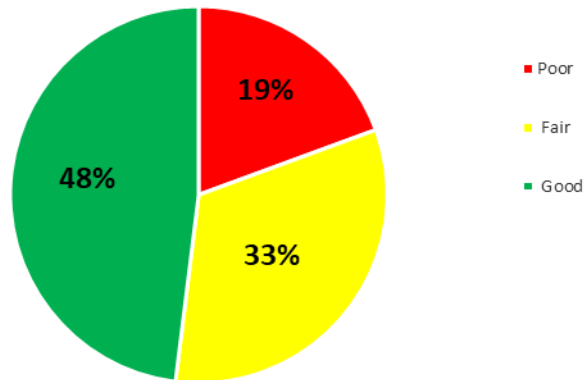
PRIMARY ROAD SYSTEM IS 13.66 MILES  
 LOCAL ROAD SYSTEM IS 28.31 MILES



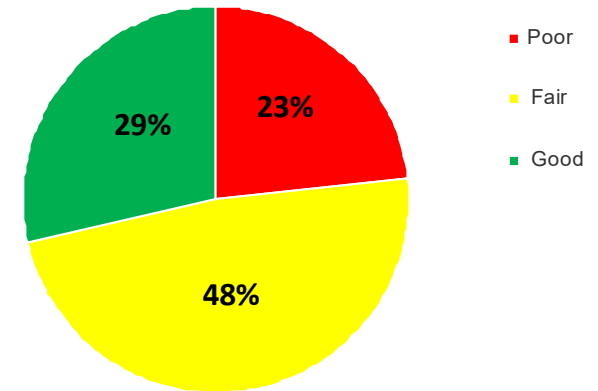
## BLISSFIELD TWP 2019 PASER RATINGS



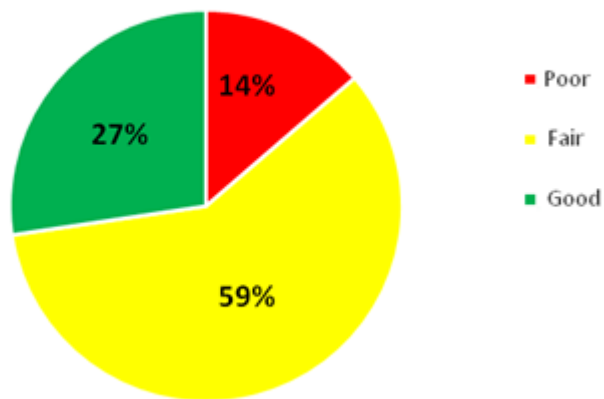
Blissfield Township - Local Roads  
2019 Pavement Condition



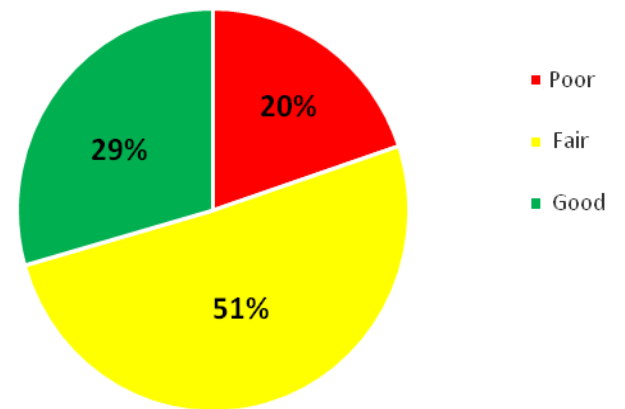
Blissfield Township - Local Roads  
2018 Pavement Condition



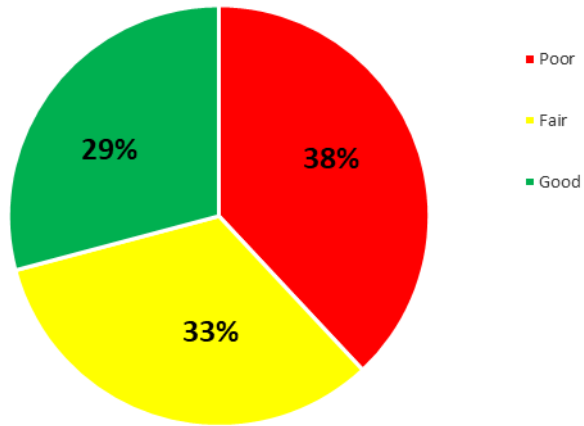
Blissfield Township - Local Roads  
2017 Pavement Condition



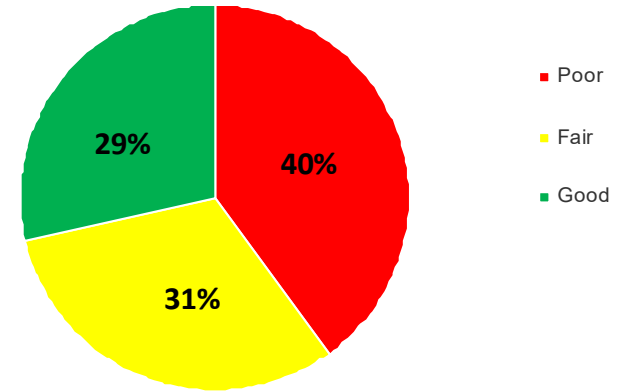
Blissfield Township - Local Roads  
2016 Pavement Condition



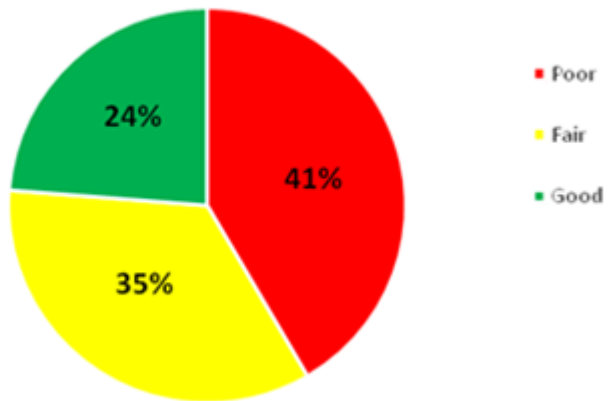
Countywide Local Roads  
2019 Pavement Condition



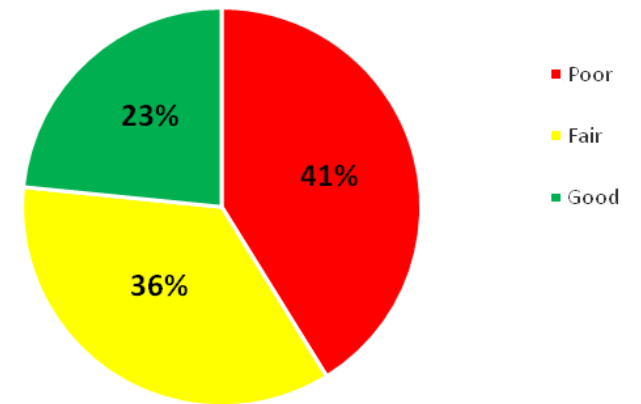
Countywide Local Roads  
2018 Pavement Condition



Countywide Local Roads  
2017 Pavement Condition



Countywide Local Roads  
2016 Pavement Condition



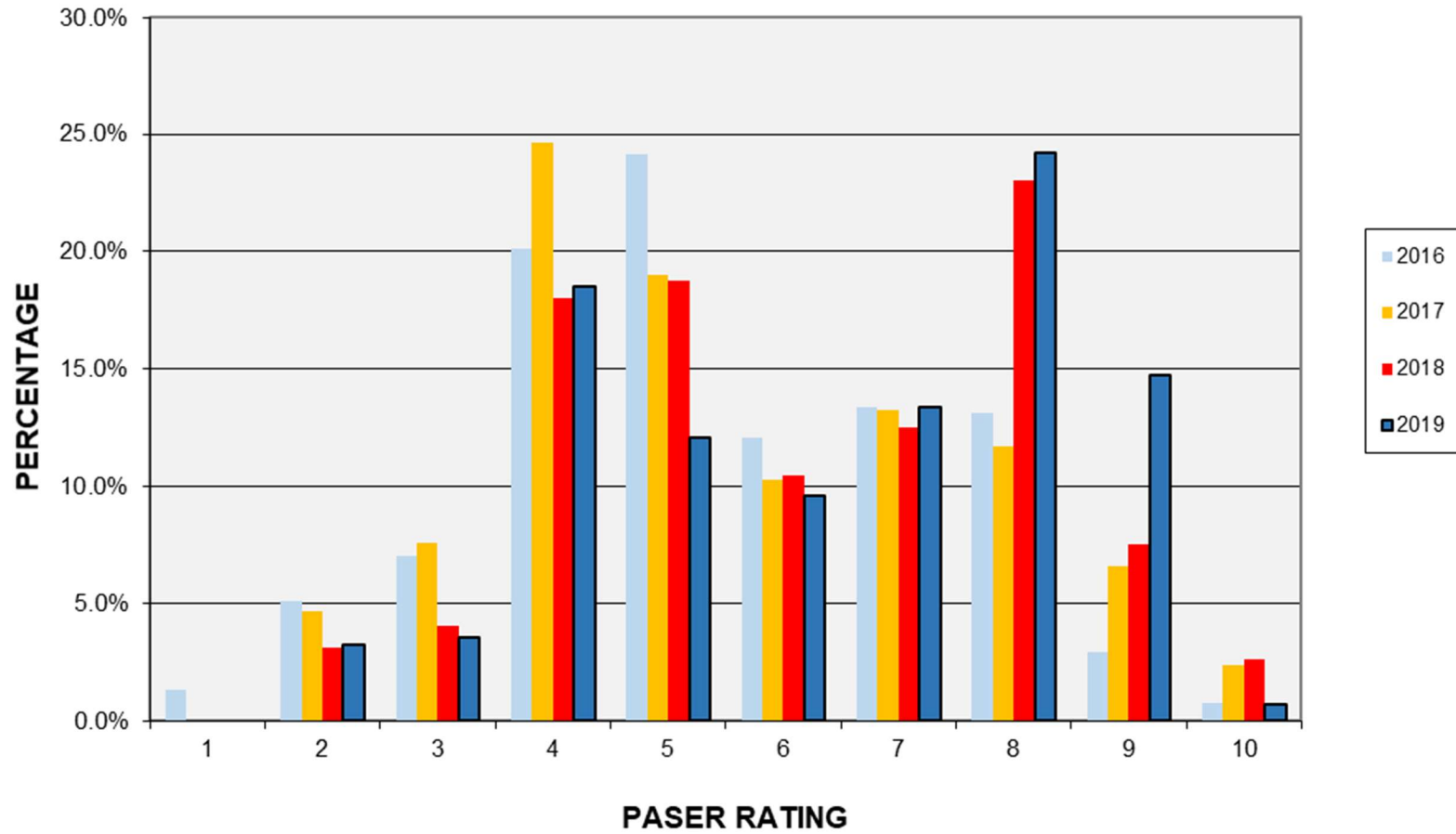
## Local Road PASER Ratings

TOWNSHIP	CURRENT LOCAL MILEAGE	SUBDIV. MILEAGE ONLY	Paved Miles (PASER)	AVG PASER Rating 2014	AVG PASER Rating 2016	AVG PASER Rating 2017	AVG PASER Rating 2018	AVG PASER Rating 2019
WOODSTOCK	49.09	6.72	12.16	5.78	7.06	6.68	5.71	6.37
CAMBRIDGE	60.13	18.50	34.89	5.34	6.01	5.94	6.03	5.99
FRANKLIN	58.27	3.38	5.41	5.08	3.89	3.87	5.73	5.10
CLINTON	24.76	1.35	14.46	4.99	5.49	5.68	6.28	5.92
TECUMSEH	20.66	6.53	15.72	6.55	6.57	6.23	6.53	6.52
MACON	39.17	0.21	0.69	6.38	5.32	7.55	8.26	8.03
ROLLIN	48.36	8.74	20.09	6.25	6.35	5.81	6.33	6.27
ROME	46.86	0.00	7.48	4.64	7.06	5.82	6.22	6.41
ADRIAN	59.35	16.71	32.69	4.83	5.00	5.58	5.73	5.94
RAISIN	67.08	19.13	49.69	3.94	4.69	4.97	5.75	5.37
RIDGEWAY	45.58	0.21	7.54	5.21	6.60	6.23	5.25	5.07
HUDSON	35.97	0.15	1.49	7.68	6.65	6.70	7.68	6.76
DOVER	47.89	0.00	7.59	2.92	3.32	3.03	3.66	5.43
MADISON	41.54	11.88	32.89	6.82	6.64	6.55	6.96	6.91
PALMYRA	45.42	0.61	30.15	4.86	3.95	4.16	4.20	4.40
<b>BLISSFIELD</b>	<b>28.31</b>	<b>0.00</b>	<b>25.05</b>	<b>6.34</b>	<b>6.40</b>	<b>6.44</b>	<b>5.95</b>	<b>6.33</b>
DEERFIELD	41.53	0.00	9.12	7.15	7.24	7.24	7.06	7.47
MEDINA	51.07	1.24	7.31	6.90	7.05	6.41	6.46	7.09
SENECA	48.40	0.63	12.50	4.54	4.22	3.76	3.44	3.25
FAIRFIELD	60.90	4.34	19.45	5.12	4.74	4.62	4.89	5.73
OGDEN	55.83	0.18	48.93	4.53	4.06	4.39	4.38	4.44
RIGA	67.52	0.22	42.79	4.39	4.13	4.42	4.55	4.55
<b>TOTAL</b>	<b>1,043.69</b>	<b>100.73</b>	<b>438.24</b>	<b>5.16</b>	<b>5.25</b>	<b>5.29</b>	<b>5.47</b>	<b>5.56</b>

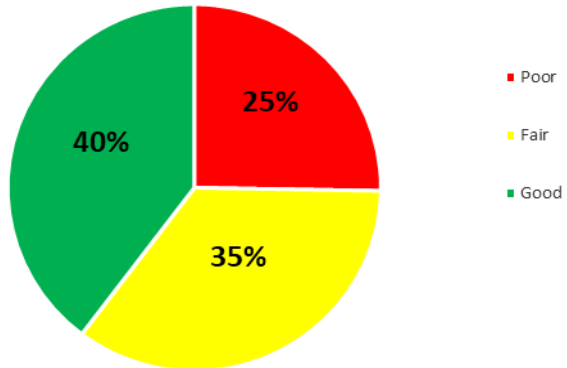
Countywide Local  
Local Road Pavement  
2019 Condition Cost Summary

Paser Rating	Improvement Type	Miles	Cost per Mile	Total
10		2.22		
9		38.69		
8		86.80	\$0	\$0
7	Crackseal	64.29	\$10,000	\$642,900
6	Sealcoat	33.86	\$20,000	\$677,200
5	Wedge & Sealcoat	45.68	\$30,000	\$1,370,400
4	2" Overlay	58.57	\$120,000	\$7,028,400
3	3" Overlay	39.51	\$200,000	\$7,902,000
2	FDR and 3.5" Asphalt	67.02	\$400,000	\$26,808,000
1	Reconstruction	1.60	\$600,000	\$960,000
Total Paved Roads		438.24		\$45,388,900
Total Local Roads in County		1043.75		
Gravel Roads	4" Gravel / Drainage	605.51	\$45,000	\$27,247,950
Total Cost to Improve all Local Roads in County				\$72,636,850
Improvement costs (Paved Roads) based upon 2019 Rating Data =				\$45,388,900
Improvement costs (Paved Roads) based upon 2018 Rating Data =				\$47,687,600
Cost decrease from 2018 to 2019 using same dollars per mile =				(\$2,298,700)

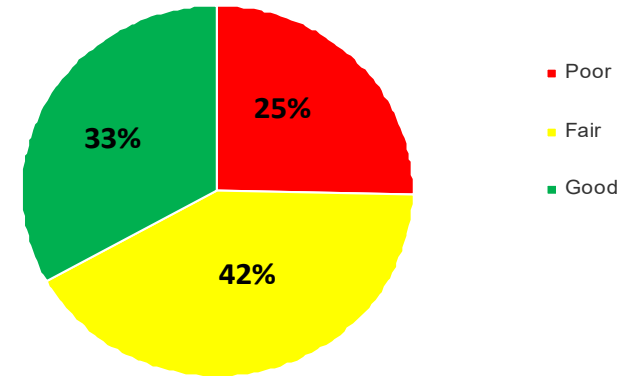
### Countywide Primary Roads Pavement Condition



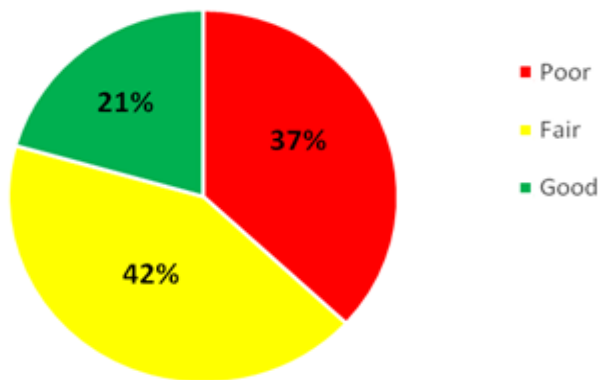
Countywide Primary Roads  
2019 Pavement Condition



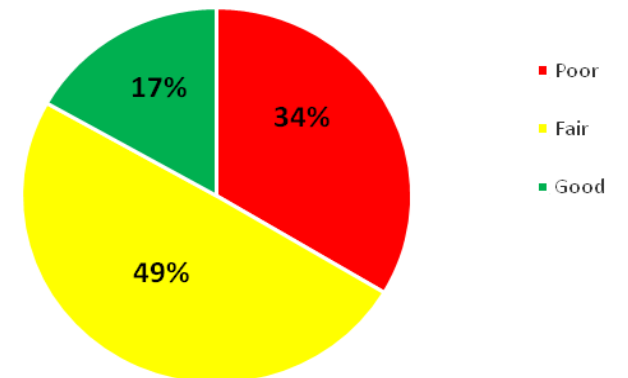
Countywide Primary Roads  
2018 Pavement Condition



Countywide Primary Roads  
2017 Pavement Condition



Countywide Primary Roads  
2016 Pavement Condition



# Primary Road PASER Ratings

CURRENT PRIMARY MILEAGE	Paved Miles (PASER)	AVG PASER Rating 2014	AVG PASER Rating 2016	AVG PASER Rating 2017	AVG PASER Rating 2018	AVG PASER Rating 2019
488.50	446.93	5.39	5.39	5.56	6.12	6.36



## Countywide Primary Primary Road Pavement 2019 Condition Cost Summary

Paser Rating	Improvement Type	Miles	Cost per Mile	Total
10		3.15	\$0	\$0
9		66.00	\$0	\$0
8		108.26	\$0	\$0
7	Crackseal	59.80	\$10,000	\$598,000
6	Sealcoat	42.88	\$20,000	\$857,600
5	Wedge & Sealcoat	53.92	\$30,000	\$1,617,600
4	2" Overlay	82.63	\$120,000	\$9,915,600
3	3" Overlay	15.74	\$200,000	\$3,148,000
2	FDR and 3.5" Asphalt	14.55	\$400,000	\$5,820,000
1	Reconstruction	0.00	\$600,000	\$0
Total Paved Roads		446.93		\$21,956,800

Total Primary Roads in County 488.50

Gravel Roads	4" Gravel / Drainage	41.57	\$30,000	\$1,247,100
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Total Cost to Improve all Primary Roads in County \$23,203,900

Improvement costs (Paved Roads) based upon 2019 Rating Data = \$21,956,800

Improvement costs (Paved Roads) based upon 2018 Rating Data = \$22,821,700

Cost decrease from 2018 to 2019 using same dollars per mile = **(\$864,900)**

## BLISSFIELD TOWNSHIP - 2020

PROJECT LOCATION	DESCRIPTION OF WORK	MILEAGE	Prelim Cost	
<b>Underseal &amp; Asphalt Overlay</b>				
Berry Rd	Carroll Rd to Riga Hwy	Underseal and Asphalt Overlay	1.01	\$120,000
<b>Crackfill &amp; Seal Coat &amp; Fog Seal</b>				
Corey Hwy	Carroll Rd to Aten Rd	Crackfill, Seal Coat and Fog Seal	1.00	\$30,000
Aten Rd	Corey Hwy to Lipp Hwy	Crackfill, Seal Coat and Fog Seal	0.50	\$14,000
<b>Culverts</b>				
Wellsville Hwy	Laberdee Rd to Mitchell Rd (Joint w/ Raisin)	3 - Culvert size by LCDC		\$0
<b>Crackfill</b>				
Garno Rd	Blissfield Hwy to Wellsville Hwy	Crackfill	0.96	\$6,000
<b>Shoulder Removal &amp; Limestone</b>				
Lipp Hwy	Aten Rd to Stadler Rd (Joit w/ Deerfield)	1" 411 Limestone	3.01	\$45,000
Total				\$215,000

## BLISSFIELD TOWNSHIP - 2021

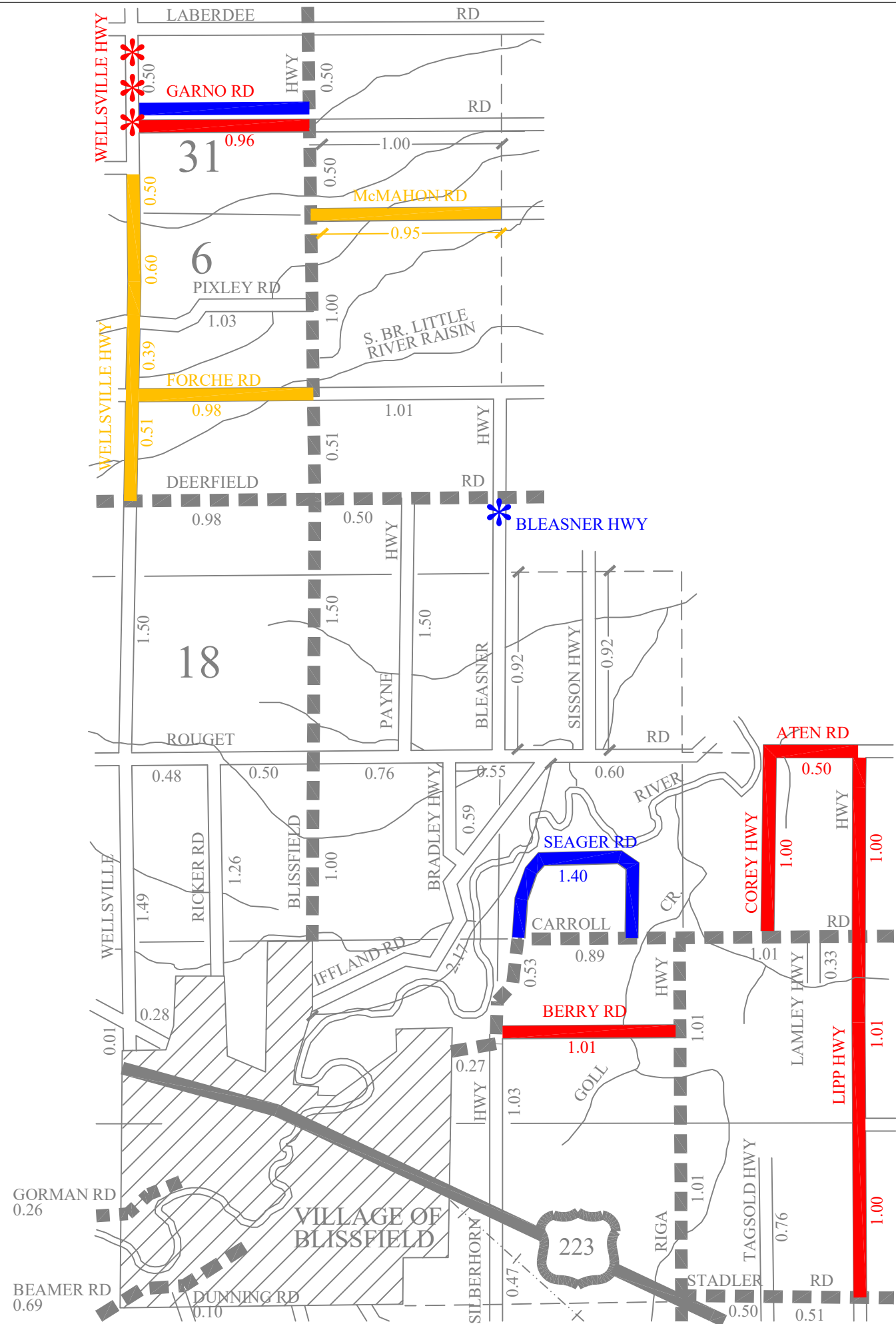
PROJECT LOCATION	DESCRIPTION OF WORK	MILEAGE	Prelim Cost	
<b>Asphalt</b>				
Seager Hwy	Carroll Rd to Carroll Rd	Underseal and Asphalt Overlay	1.40	\$170,000
<b>Seal Coat &amp; Fog Seal</b>				
Garno Rd	Blissfield Hwy to Wellsville Hwy	Seal Coat and Fog Seal	0.96	\$25,000
<b>Culverts</b>				
Bleasner Hwy	at Deerfield Rd (Joint w/ Deerfield)	LCDC to Size Pipe		\$0
<b>Crackfill</b>				
Wellsville Hwy	Deerfield Rd to Mitchell Rd (Joint w/ Palmyra)	Crackfill	1.50	\$7,000
<b>Shoulder Removal &amp; Limestone</b>				
Seager Hwy	Carroll Rd to Carroll Rd	Shoulder Removal	1.40	\$9,000

Total                      \$211,000

## BLISSFIELD TOWNSHIP - 2022

PROJECT LOCATION	DESCRIPTION OF WORK	MILEAGE	Prelim Cost
<b>Underseal &amp; Asphalt Overlay</b>			
McMahon Rd	Piotter Hwy to Twp Line	Asphalt Paving 3 1/2"	0.10
			\$175,000
Forche Rd	Blissfield Hwy to Wellsville Hwy	Underseal and Asphalt Overlay	0.98
			\$120,000
<b>Crackfill &amp; Seal Coat &amp; Fog Seal</b>			
Wellsville Hwy	Deerfield Rd to Mitchell Rd (Joint w/ Palmyra)	Seal Coat and Fog Seal	1.50
			\$30,000
<b>Culverts</b>			
<b>Shoulder Removal &amp; Limestone</b>			
Lamley Hwy	Carroll Rd to End	1" 411 Limestone	0.33
			\$6,000

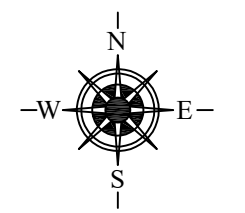
Total                      \$331,000



- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

PRIMARY ROAD SYSTEM IS 13.66 MILES  
 LOCAL ROAD SYSTEM IS 28.31 MILES

- 2020
- 2021
- 2022
- CULVERT



# 3 YEAR PLAN BLISSFIELD TWP