



2025 TOWNSHIP ANNUAL MEETING AGENDA

1. Introduction
2. Local Road Maintenance
3. 2024 Township Projects
4. Local Road Information / PASER Ratings
5. Local Road Projects (2018 to 2024)
6. Local Roads – 3 Year Plan (Suggested by District Supervisors)
7. 2024 Primary PASER Ratings
8. Primary Road – 3 Year Plan
9. Speed Limit Setting Requirements
10. LCRC Board Policies
11. Future Funding

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
February 4, 2022,
March 2, 2023
October 5, 2023
April 4, 2024

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

LOCAL BRIDGE PROGRAM

The LCRC will contribute those monies required for participation in the Local Bridge Program. Participation will be 100% for design engineering, 100% for construction engineering, and 50% in the local match with the Local Bridge Program funding.

DRAINAGE STRUCTURES

Failed culverts, 18 inches or less in size

The LCRC will bear 100% of the cost to replace any failed culvert, 18 inches or less in size.

Structures with a diameter or span length less than 20 feet

The LCRC will participate at 50% for replacement of drainage structures less than 20 feet in length. Total yearly contributions are capped at \$150,000.00 for all such projects and will be awarded on a first come first served basis. The total amount available for this match on a yearly basis may increase or decrease depending on available funding.

Structures with a span length greater than 20 feet

The LCRC will bear 100% of the labor cost and the township will bear 100% of the material and equipment cost for any structure with a span length greater than 20 feet. The total amount available for this match on a yearly basis is dependent on available funding.

ROAD RESURFACING

State income tax appropriations

Currently the Legislature is appropriating \$600 million of yearly income tax revenue from the State General Fund to road agencies, according to the Act 51 formula. Contingent on the receipt of these additional State General Fund appropriations, the LCRC will participate 50% in road resurfacing projects in the annual amount of \$1,000,000 countywide.

The match dollars per township is based upon each township's 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>LCRC MATCH</u>
Adrian	5.69 %	\$ 56,864
Blissfield	2.71 %	\$ 27,124
Cambridge	5.76 %	\$ 57,640
Clinton	2.37 %	\$ 23,723
Deerfield	3.98 %	\$ 39,790
Dover	4.59 %	\$ 45,884
Fairfield	5.83 %	\$ 58,349
Franklin	5.58 %	\$ 55,829
Hudson	3.45 %	\$ 34,463
Macon	3.75 %	\$ 37,529
Madison	3.98 %	\$ 39,800
Medina	4.89 %	\$ 48,931
Ogden	5.35 %	\$ 53,491
Palmyra	4.35 %	\$ 43,517
Raisin	6.43 %	\$ 64,270
Ridgeway	4.37 %	\$ 43,671
Riga	6.47 %	\$ 64,692
Rollin	4.63 %	\$ 46,334
Rome	4.49 %	\$ 44,897
Seneca	4.64 %	\$ 46,373
Tecumseh	1.98 %	\$ 19,795
Woodstock	4.70 %	\$ 47,034

Unused local road maintenance funds

On a yearly basis, LCRC budgeted local road maintenance funds that are not used may be added to the respective township's matching funds for use on local road resurfacing projects the following calendar year.

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

Raisin Township

2024 Local Maintenance

Budget \$136,914

	2022	2023	2024
Bridge Inspection	\$ -	\$ 195.53	\$ -
Culvert Inspection	\$ 69.79	\$ 653.51	\$ -
Traffic Count	\$ -	\$ 765.83	\$ -
Traffic Signs	\$ 5,496.07	\$ 2,782.40	\$ 3,269.89
Pavement Marking	\$ 6,111.44	\$ 2,456.47	\$ 4,608.76
District Supervisor Patrol	\$ 7,732.70	\$ 6,697.31	\$ 7,908.06
Mineral Brine	\$ 5,075.91	\$ 5,317.92	\$ 8,178.32
Bridge Maintenance	\$ -	\$ 282.72	\$ -
Shoulder Maintenance	\$ 9,082.55	\$ 1,611.45	\$ 994.18
Tree and Brush Removal	\$ 20,348.30	\$ 18,731.45	\$ 37,813.87
Drainage and Ditching	\$ 2,583.53	\$ 1,267.75	\$ 5,296.13
Road Side Clean Up	\$ 2,358.13	\$ 340.81	\$ 337.86
Guard Rail/Guard Rail Posts	\$ 604.84	\$ -	\$ -
Grass and Weed control	\$ 6,002.82	\$ 6,719.92	\$ 3,663.38
Culverts and Tile	\$ 906.51	\$ 3,754.87	\$ 1,882.23
Scraping	\$ 18,195.48	\$ 11,643.42	\$ 13,100.53
Cold Patching	\$ 16,076.53	\$ 6,780.82	\$ 1,533.91
Spot Patching	\$ 11,674.38	\$ 16,823.11	\$ 8,684.25
Hot Patching	\$ 5,915.42	\$ 13,738.17	\$ 10,412.35
Sweeping	\$ 156.37	\$ -	\$ 1,721.92
Brush Cutting	\$ 5,252.88	\$ 3,464.13	\$ 3,891.05
Winter Maintenance	\$ 56,854.38	\$ 30,863.11	\$ 36,376.15
Total	\$ 180,498.03	\$ 134,890.70	\$ 149,672.84

POLICY OF THE
BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF LENAWEE

Category: Operations

Subject: Gravel Road Stabilization

Adopted On: April 3, 2014

BENEFITS OF THE PROGRAM

Continuous application of gravel road stabilization product will provide the following benefits:

1. The gravel road surface will be stabilized providing a longer-lasting and smoother surface for motorists.
2. Reduction in the road commission's scraping requirements as the roads will hold together better.
3. The "fines" in the gravel will stay in the roadbed longer, reducing the need for gravel replacement.
4. While this is not a dust control program, dusty road conditions will be reduced, but not eliminated

SCOPE OF THE PROGRAM

The Road Commission will provide each township a single continuous full-length application of mineral well brine sprayed at a rate of 2,200 gallons per mile, on all county gravel roads once per season. The applications generally occur from May through July as weather conditions allow and in conjunction with scraping of the gravel roads.

Townships which desire additional applications to help minimize dusty road conditions, have three (3) options:

1. Mineral well brine sprayed by the Road Commission
2. Mineral well brine provided and sprayed by a contractor.
3. Chloride provided and sprayed by a contractor.

All roads will be scraped by the Road Commission prior to the dust control application and all scheduling will be handled by the Road Commission.

For all dust control applications, a township agreement will be entered into between the township and the Road Commission which details the roads or miles to be sprayed and the estimated cost. The actual cost of the application will be billed to and paid by the township.

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

2025 Mineral Brine Order

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

May

June

July

August

POLICY OF THE
BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF LENAWEE

Category: Operations
Subject: Township Advance
Adopted On: April 3, 2014
Revised On: February 17, 2022

A 50% across the board advance is required for all township projects.

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

Raisin Township 2024 Projects

Work Order	Project Location	Project Description
242401	Ives Rd	Crackfill, Chip Seal & Fog Seal
242403	Breckel Hwy	Underseal & Asphalt Overlay
242405	Deleon Dr	Underseal & Asphalt Overlay
242407	Billmyer Hwy	Underseal & Asphalt Overlay
242409	Pine Grove Subdivision	Underseal & Asphalt Overlay
242411	Gady Rd	Crackfill, Chip Seal & Fog Seal
242413	Wilmoth Hwy	Crackfill, Chip Seal & Fog Seal
242415	Kopke Rd	Shoulder Removal & 2" 411 Limestone
242417	Centennial Rd	Shoulder Removal & 2" 411 Limestone
242419	Dinius Rd	Crackfill
242421	Wellsville Hwy	Shoulder Removal
242423	Hendershot Hwy	Shoulder Removal
242425	Wellsville Hwy	2 Culvert Replacements
242427	Wellsville Hwy	Underseal & Asphalt Overlay
242429	Academy Rd	Shoulder Removal & 2" 411 Limestone
Grand Total		

Split with Ridgeway Township

Split with Blissfield Township

Split with Palmyra Township

Raisin Township 2024 Project Cost

Work Order	Project Location	Estimated Cost	Total Project Cost	Total Billings	Twp Billings	LCRC Match	LCRC Over Est.
242401	Ives Rd	\$ 51,523.04	\$ 51,771.89	\$ 51,523.04	\$ 51,523.04		\$ 248.85
242403	Breckel Hwy	\$ 84,079.26	\$ 77,970.15	\$ 77,970.15	\$ 77,970.15		
242405	Deleon Dr	\$ 63,692.13	\$ 50,919.66	\$ 50,919.66	\$ 50,919.66		
242407	Billmyer Hwy	\$ 191,234.43	\$ 194,279.33	\$ 180,502.75	\$ 180,502.75	\$ 10,731.68	\$ 3,044.90
242409	Pine Grove Subdivision	\$ 83,087.39	\$ 84,058.23	\$ 83,087.39	\$ 83,087.39		\$ 970.84
242411	Gady Rd	\$ 94,178.65	\$ 98,738.75	\$ 60,886.22	\$ 60,886.22	\$ 33,292.43	\$ 4,560.10
242413	Wilmoth Hwy	\$ 56,154.36	\$ 56,335.95	\$ 33,885.17	\$ 33,885.17	\$ 22,269.19	\$ 181.59
242415	Kopke Rd	\$ 32,525.83	\$ 31,484.24	\$ 31,484.24	\$ 31,484.24		
242417	Centennial Rd	\$ 35,156.07	\$ 41,077.84	\$ 35,156.07	\$ 35,156.07		\$ 5,921.77
242419	Dinius Rd	\$ 11,692.00	\$ 11,692.00	\$ 11,692.00	\$ 11,692.00		
242421	Wellsville Hwy	\$ 47,687.19	\$ 8,936.96	\$ 8,936.96	\$ 4,468.48		
242423	Hendershot Hwy	\$ 61,758.83	\$ 6,700.44	\$ 6,700.44	\$ 3,350.22		
242425	Wellsville Hwy	\$ 39,637.60	\$ 39,216.80	\$ 19,608.39	\$ 9,804.20	\$ 9,804.20	
242427	Wellsville Hwy	\$ 217,354.93	\$ 217,283.50	\$ 217,283.50	\$ 108,641.75		
242429	Academy Rd	\$ 26,979.46	\$ 25,778.03	\$ 25,778.03	\$ 12,889.02		
Grand Total		\$ 1,096,741.17	\$ 996,243.77	\$ 895,414.01	\$ 756,260.35	\$ 76,097.50	\$ 14,928.05

Split with Ridgeway Township

Split with Blissfield Township

Split with Palmyra Township

2024 Lenawee County Match Program Details

Match Program	\$ 64,270.00	
2023 Under Maintenance Budget	\$ 2,023.30	
Drainage Match	\$ 9,804.20	> 18" Culverts
Cost Covered Beyond Estimate	\$ 14,928.05	
	<u>\$ 91,025.55</u>	

2025 Match Funds Available

Match Program	\$ 64,270.00
2024 Under Maintenance Budget	\$ -
	<u>\$ 64,270.00</u>

2024 LOCAL ROAD IMPROVEMENTS

Township	Township Contribution	LCRC Contribution	Total
WOODSTOCK	\$220,250	\$57,473	\$277,723
CAMBRIDGE	\$290,362	\$68,307	\$358,669
FRANKLIN	\$208,125	\$55,829	\$263,954
CLINTON	\$148,835	\$29,657	\$178,492
TECUMSEH	\$147,205	\$27,655	\$174,860
MACON	\$166,567	\$54,192	\$220,758
ROLLIN	\$282,103	\$67,301	\$349,404
ROME	\$364,592	\$58,459	\$423,051
ADRIAN	\$227,871	\$92,446	\$320,317
RAISIN	\$756,260	\$91,026	\$847,286
RIDGEWAY	\$201,731	\$45,810	\$247,541
HUDSON	\$145,968	\$36,117	\$182,085
DOVER	\$300,764	\$54,559	\$355,322
MADISON	\$632,204	\$104,705	\$736,910
PALMYRA	\$166,704	\$59,499	\$226,203
BLISSFIELD	\$227,145	\$48,142	\$275,287
DEERFIELD	\$476,239	\$83,914	\$560,153
MEDINA	\$261,349	\$48,931	\$310,280
SENECA	\$225,550	\$52,305	\$277,855
FAIRFIELD	\$134,836	\$62,428	\$197,264
OGDEN	\$342,562	\$84,108	\$426,671
RIGA	\$260,765	\$85,646	\$346,411
TOTAL	\$6,187,988	\$1,368,511	\$7,556,499

PROJECT HISTORY

(Township Funds and LCRC Matching Funds)

TOWNSHIP	2020	2021	2022	2023	2024	5 YEAR AVG PER YEAR
WOODSTOCK	\$90,492	\$171,566	\$155,879	\$251,940	\$277,723	\$189,520
CAMBRIDGE	\$145,885	\$286,059	\$333,818	\$400,066	\$358,669	\$304,899
FRANKLIN	\$157,408	\$240,191	\$130,950	\$256,273	\$263,954	\$209,755
CLINTON	\$84,901	\$151,438	\$147,331	\$169,808	\$178,492	\$146,394
TECUMSEH	\$43,481	\$164,775	\$71,908	\$209,441	\$174,860	\$132,893
MACON	\$133,288	\$101,125	\$146,086	\$174,334	\$220,758	\$155,118
ROLLIN	\$247,951	\$328,012	\$254,492	\$320,559	\$349,404	\$300,084
ROME	\$98,268	\$149,768	\$211,326	\$137,455	\$423,051	\$203,974
ADRIAN	\$138,642	\$245,502	\$343,611	\$290,514	\$320,317	\$267,717
RAISIN	\$166,926	\$368,567	\$920,215	\$796,166	\$847,286	\$619,832
RIDGEWAY	\$269,430	\$94,355	\$698,949	\$387,709	\$247,541	\$339,597
HUDSON	\$131,240	\$174,587	\$131,038	\$185,382	\$182,085	\$160,866
DOVER	\$181,139	\$162,187	\$155,427	\$223,715	\$355,322	\$215,558
MADISON	\$240,298	\$179,295	\$378,805	\$258,122	\$736,910	\$358,686
PALMYRA	\$130,210	\$201,272	\$221,601	\$280,099	\$226,203	\$211,877
BLISSFIELD	\$153,733	\$146,588	\$257,736	\$250,758	\$275,287	\$216,820
DEERFIELD	\$111,426	\$212,253	\$273,389	\$273,388	\$560,153	\$286,122
MEDINA	\$279,773	\$306,460	\$246,707	\$309,315	\$310,280	\$290,507
SENECA	\$141,555	\$120,782	\$110,007	\$379,802	\$277,855	\$206,000
FAIRFIELD	\$179,275	\$220,278	\$201,189	\$207,294	\$197,264	\$201,060
OGDEN	\$232,520	\$185,456	\$399,234	\$363,989	\$426,671	\$321,574
RIGA	\$183,224	\$293,907	\$241,641	\$301,816	\$346,411	\$273,400
TOTAL	\$3,541,065	\$4,504,423	\$4,504,426	\$6,031,340	\$6,427,944	\$5,612,254

PROJECT HISTORY

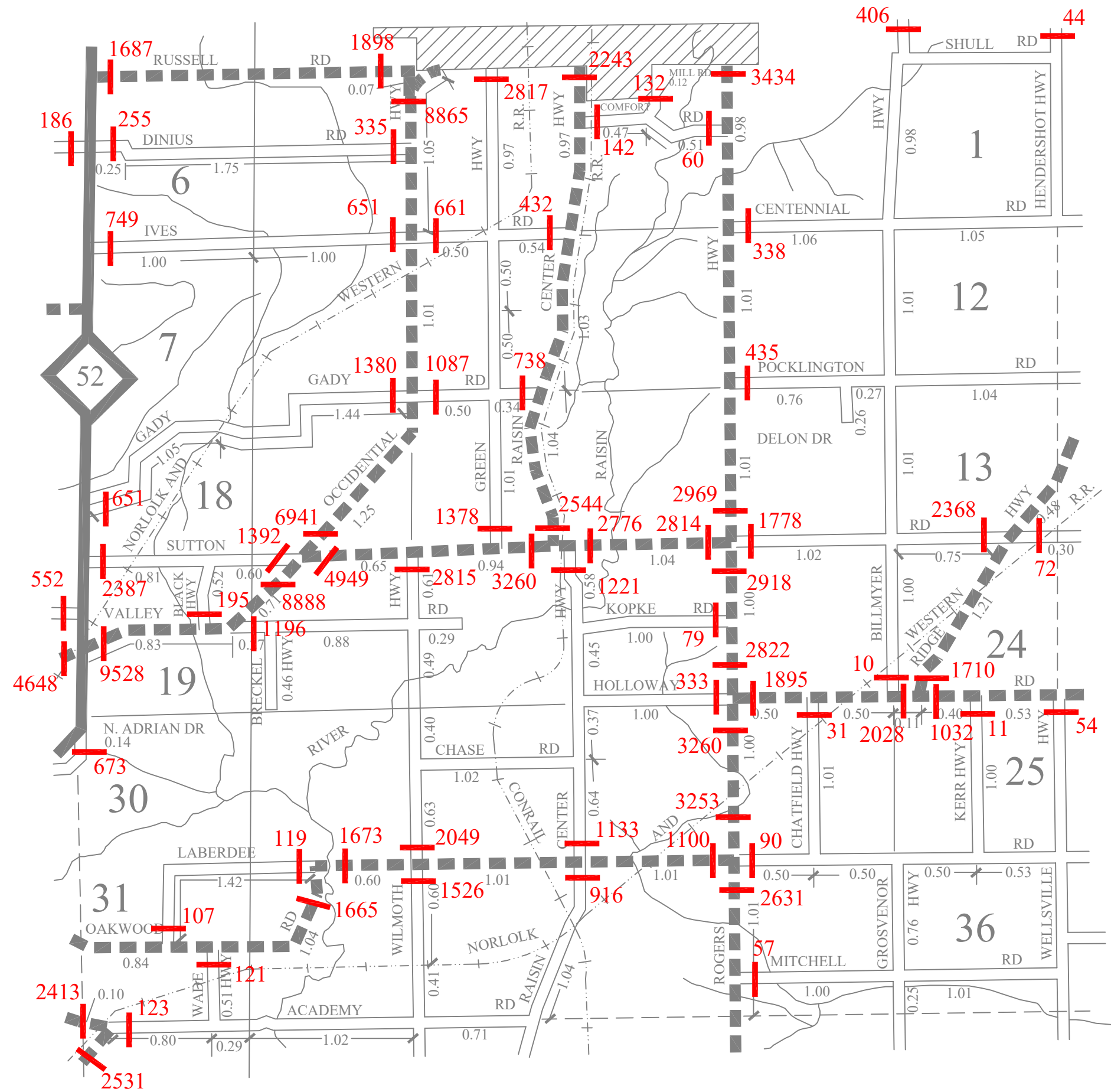
(Only Township Funds)

TOWNSHIP	2020	2021	2022	2023	2024	5 YEAR AVG PER YEAR
WOODSTOCK	\$67,802	\$118,815	\$108,845	\$204,906	\$220,250	\$144,124
CAMBRIDGE	\$113,703	\$224,294	\$250,104	\$337,983	\$290,362	\$243,289
FRANKLIN	\$122,549	\$177,778	\$110,319	\$170,974	\$208,125	\$157,949
CLINTON	\$67,136	\$125,077	\$123,015	\$143,051	\$148,835	\$121,423
TECUMSEH	\$36,287	\$125,128	\$52,113	\$188,060	\$147,205	\$109,759
MACON	\$113,022	\$62,983	\$101,870	\$136,805	\$166,567	\$116,249
ROLLIN	\$223,455	\$278,093	\$204,429	\$267,129	\$282,103	\$251,042
ROME	\$73,160	\$88,767	\$166,429	\$92,558	\$345,169	\$153,217
ADRIAN	\$106,287	\$170,585	\$273,375	\$232,809	\$227,871	\$202,185
RAISIN	\$131,213	\$292,232	\$750,995	\$706,565	\$756,260	\$527,453
RIDGEWAY	\$245,848	\$50,684	\$655,278	\$312,842	\$201,731	\$293,276
HUDSON	\$110,215	\$140,124	\$96,575	\$143,191	\$145,968	\$127,215
DOVER	\$135,074	\$144,618	\$153,442	\$201,840	\$320,187	\$191,032
MADISON	\$215,318	\$138,396	\$326,987	\$218,322	\$632,204	\$306,245
PALMYRA	\$99,879	\$156,447	\$176,651	\$236,582	\$166,704	\$167,252
BLISSFIELD	\$139,086	\$119,464	\$211,283	\$207,881	\$227,145	\$180,972
DEERFIELD	\$78,941	\$172,463	\$217,643	\$223,341	\$476,239	\$233,726
MEDINA	\$252,513	\$256,144	\$191,473	\$240,725	\$261,349	\$240,441
SENECA	\$105,727	\$73,704	\$67,096	\$305,825	\$225,550	\$155,580
FAIRFIELD	\$147,767	\$161,929	\$141,536	\$148,365	\$134,836	\$146,886
OGDEN	\$196,537	\$131,965	\$310,671	\$310,498	\$342,562	\$258,447
RIGA	\$138,178	\$229,215	\$176,949	\$231,349	\$260,765	\$207,291
TOTAL	\$2,919,695	\$3,438,903	\$4,867,075	\$5,261,600	\$6,187,988	\$4,535,052

TOWNSHIP PROJECT CONTRIBUTION HISTORY

(2020 - 2024)

Township	5 YEAR AVERAGE CONTRIBUTION PER YEAR	5 YEAR AVG PER MILE PER YEAR	5 YEAR AVG PER CAPITA PER YEAR
WOODSTOCK	\$144,124	\$2,936	\$50
CAMBRIDGE	\$243,289	\$4,043	\$51
FRANKLIN	\$157,949	\$2,726	\$52
CLINTON	\$121,423	\$4,904	\$97
TECUMSEH	\$109,759	\$5,313	\$54
MACON	\$116,249	\$2,968	\$87
ROLLIN	\$251,042	\$5,204	\$91
ROME	\$153,217	\$3,270	\$84
ADRIAN	\$202,185	\$3,407	\$32
RAISIN	\$527,453	\$7,863	\$67
RIDGEWAY	\$293,276	\$6,434	\$294
HUDSON	\$127,215	\$3,537	\$95
DOVER	\$191,032	\$3,989	\$127
MADISON	\$306,245	\$7,372	\$36
PALMYRA	\$167,252	\$3,682	\$82
BLISSFIELD	\$180,972	\$6,500	\$280
DEERFIELD	\$233,726	\$5,628	\$388
MEDINA	\$240,441	\$4,708	\$216
SENECA	\$155,580	\$3,218	\$135
FAIRFIELD	\$146,886	\$2,412	\$88
OGDEN	\$258,447	\$4,629	\$283
RIGA	\$207,291	\$3,077	\$161
TOTAL	\$4,535,052	\$4,350	\$81



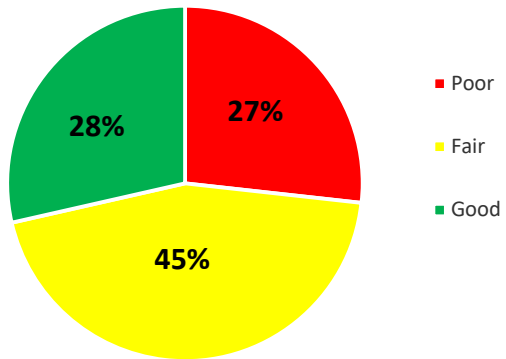
- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

PRIMARY ROAD SYSTEM IS 25.06 MILES
LOCAL ROAD SYSTEM IS 47.95 MILES

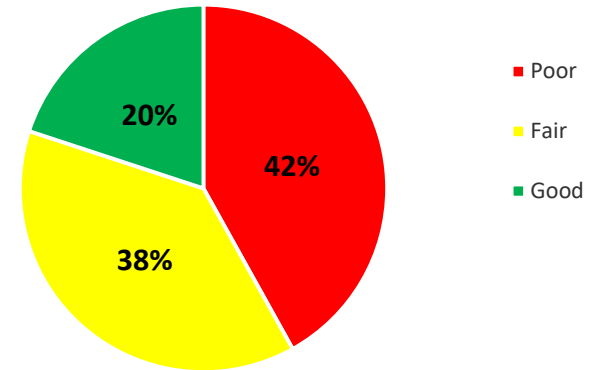
RAISIN TWP TRAFFIC COUNTS OCTOBER 2023

Local Road PASER Ratings								
TOWNSHIP	CURRENT LOCAL MILEAGE	SUBDIV. MILEAGE ONLY	Paved Miles (PASER)	AVG PASER Rating 2020	AVG PASER Rating 2021	AVG PASER Rating 2022	AVG PASER Rating 2023	AVG PASER Rating 2024
WOODSTOCK	49.09	6.72	12.18	5.91	5.73	5.36	5.25	5.59
CAMBRIDGE	60.17	18.54	35.35	5.90	5.81	5.59	5.42	5.90
FRANKLIN	57.94	3.38	5.42	4.73	4.44	4.39	4.53	5.15
CLINTON	24.76	1.35	14.56	6.53	6.98	6.87	6.26	6.23
TECUMSEH	20.66	6.53	15.72	6.25	6.51	6.26	6.35	6.22
MACON	39.17	0.21	0.66	7.23	6.91	6.45	6.14	7.55
ROLLIN	48.24	8.62	19.98	6.44	7.03	6.52	7.03	6.96
ROME	46.86	0.00	7.49	5.94	5.80	4.89	4.14	7.60
ADRIAN	59.35	16.67	31.95	5.54	5.58	5.53	5.29	5.28
RAISIN	67.08	19.13	50.62	5.18	5.23	5.38	5.35	5.93
RIDGEWAY	45.58	0.21	7.53	5.26	5.07	7.65	7.34	6.89
HUDSON	35.97	0.15	1.49	6.76	6.61	5.78	4.68	3.72
DOVER	47.89	0.00	7.13	5.81	5.51	5.13	4.96	4.81
MADISON	41.54	11.88	33.81	6.50	6.43	6.63	6.46	6.46
PALMYRA	45.42	0.61	30.18	4.34	4.46	4.56	4.46	4.62
BLISSFIELD	27.84	0.00	25.59	6.26	6.05	5.72	5.71	6.49
DEERFIELD	41.53	0.00	10.40	7.57	6.61	6.95	7.49	6.94
MEDINA	51.07	1.24	7.33	7.78	7.07	6.65	6.97	6.22
SENECA	48.35	0.63	10.05	3.13	3.22	3.92	3.82	4.18
FAIRFIELD	60.90	4.34	19.82	5.65	5.68	5.21	5.59	5.61
OGDEN	55.83	0.18	48.93	4.90	5.01	5.27	4.96	5.02
RIGA	67.36	0.22	42.81	4.24	4.40	4.52	5.16	5.21
TOTAL	1,042.60	100.61	439.00	5.51	5.53	5.54	5.52	5.74

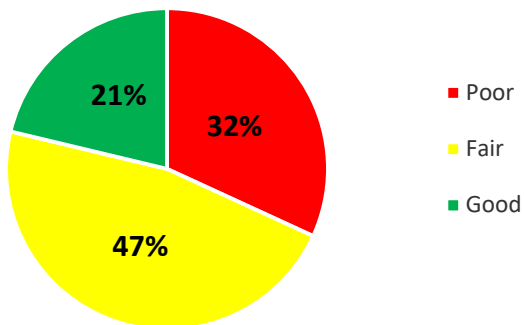
Raisin Township - Local Roads
2024 Pavement Condition



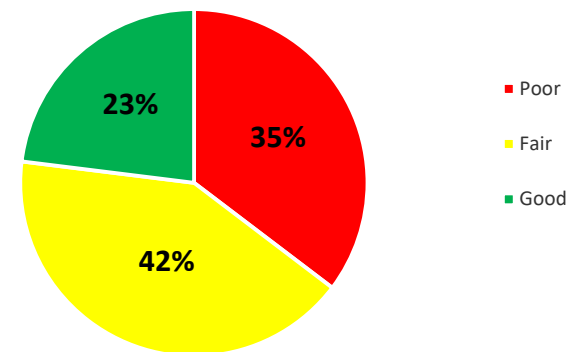
Raisin Township - Local Roads
2023 Pavement Condition



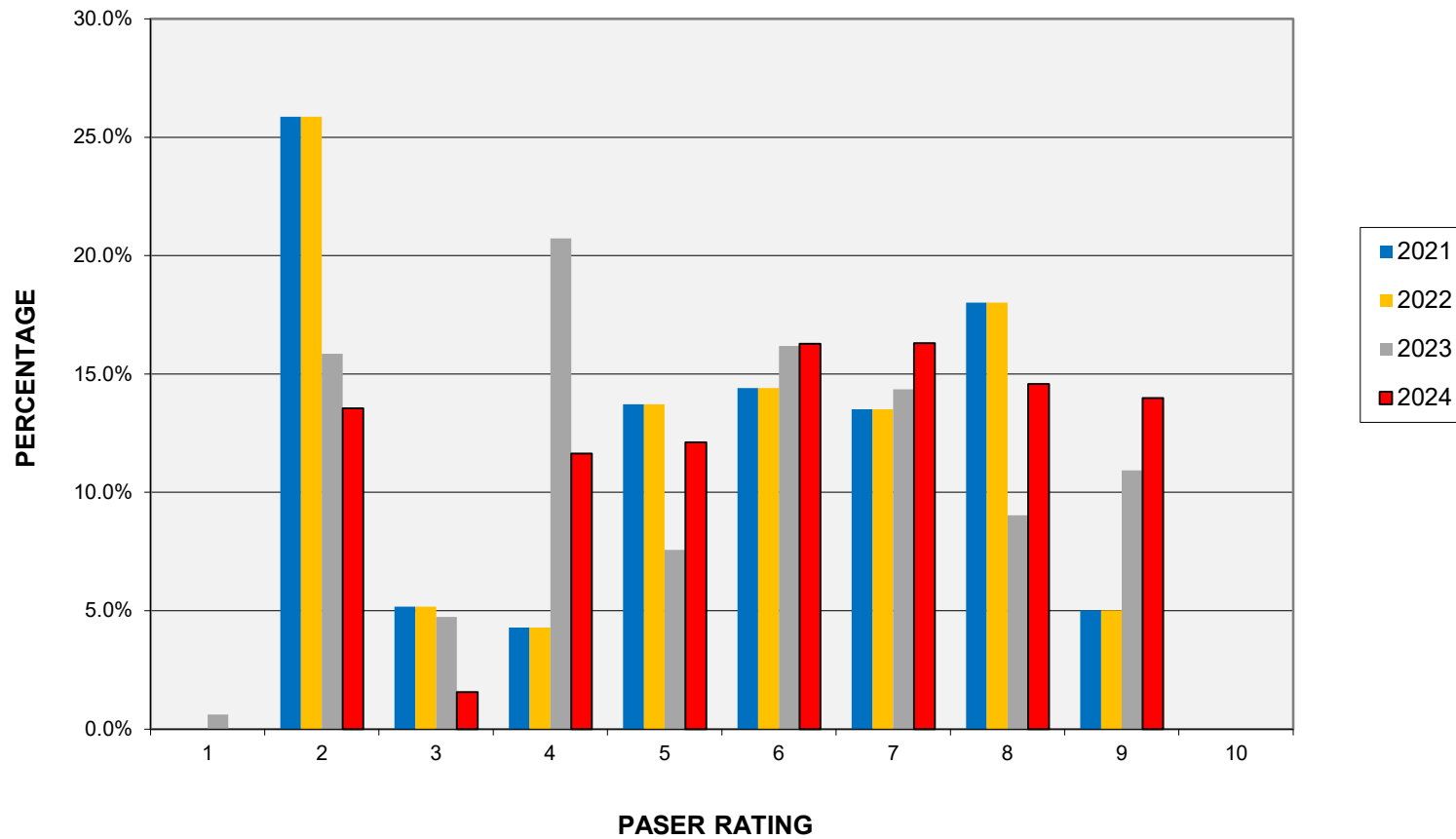
Raisin Township - Local Roads
2022 Pavement Condition

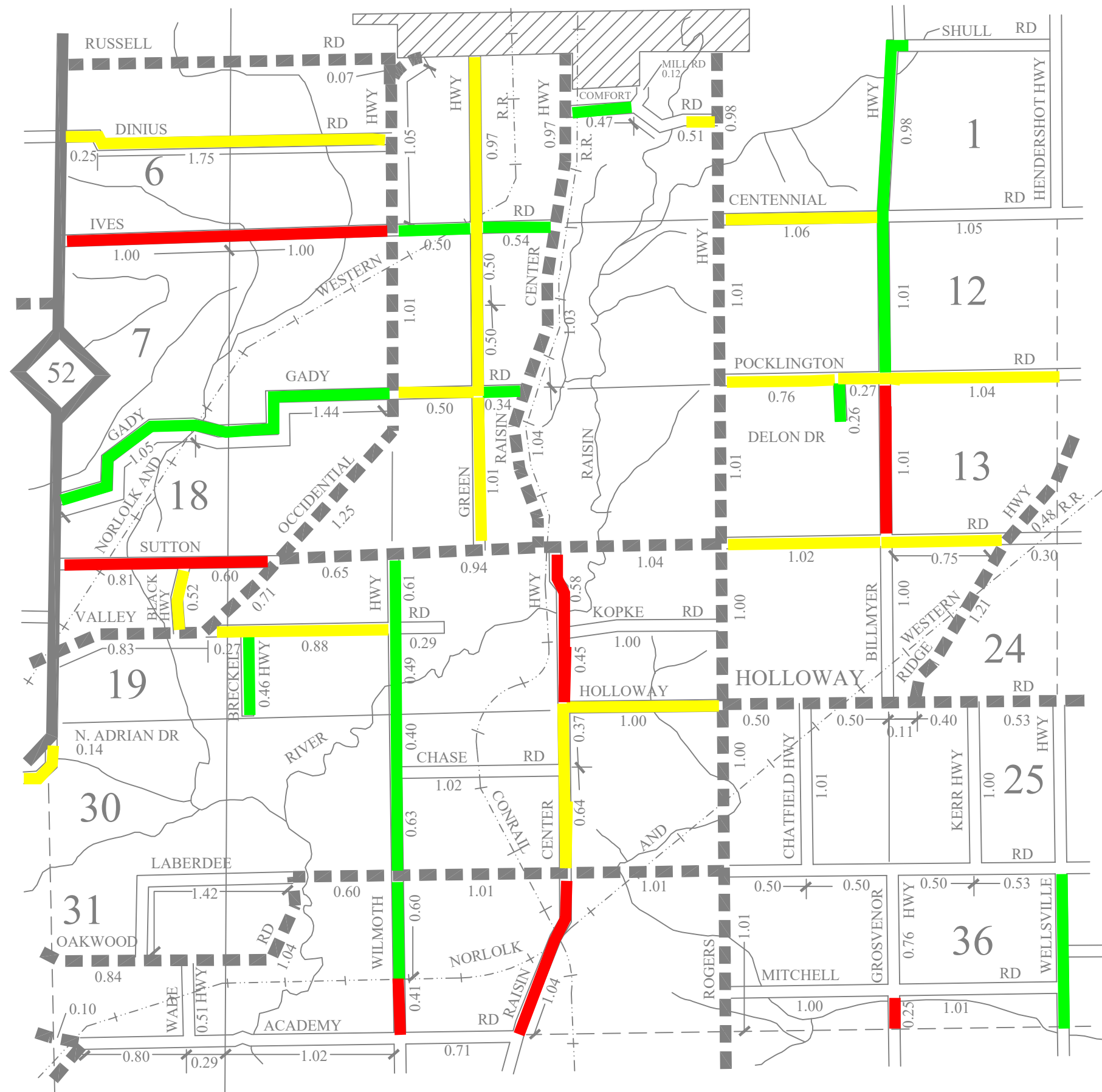


Raisin Township - Local Roads
2021 Pavement Condition



Raisin Township Local Pavement Condition



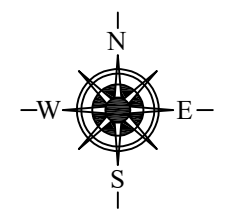


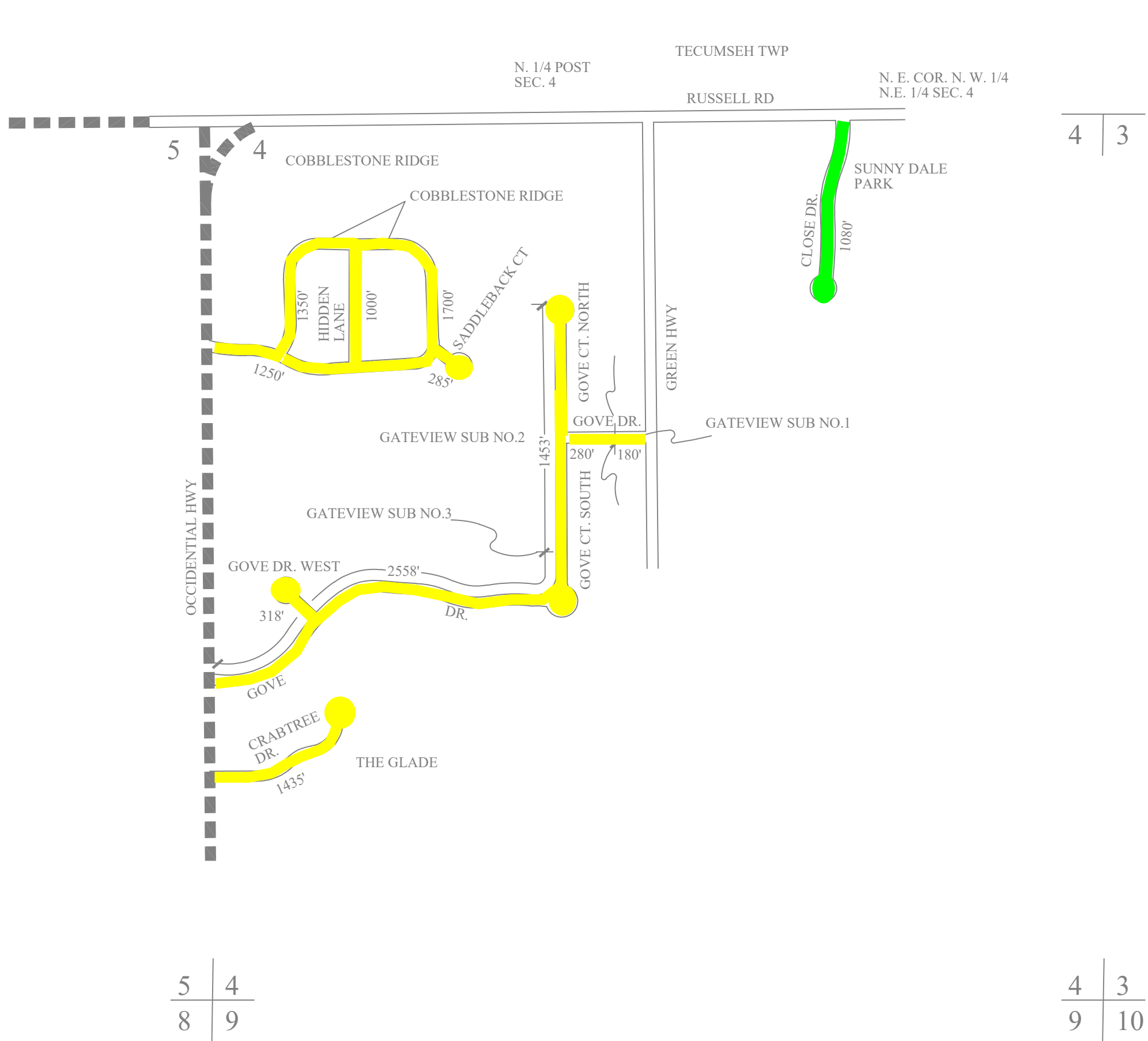
- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

PRIMARY ROAD SYSTEM IS 25.06 MILES
LOCAL ROAD SYSTEM IS 47.95 MILES

- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)

RAISIN TWP
2024 PASER RATINGS

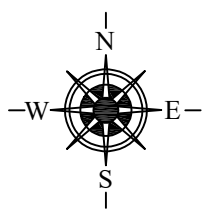




COUNTY LINE
CORPORATE LIMITS
STATE TRUNKLINE
COUNTY PRIMARY
COUNTY LOCAL
AJACENT COUNTY
CITY OR VILLAGE
STREETS

TOTAL FEET 12,889 EQUALS 2.44 MILES

- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)

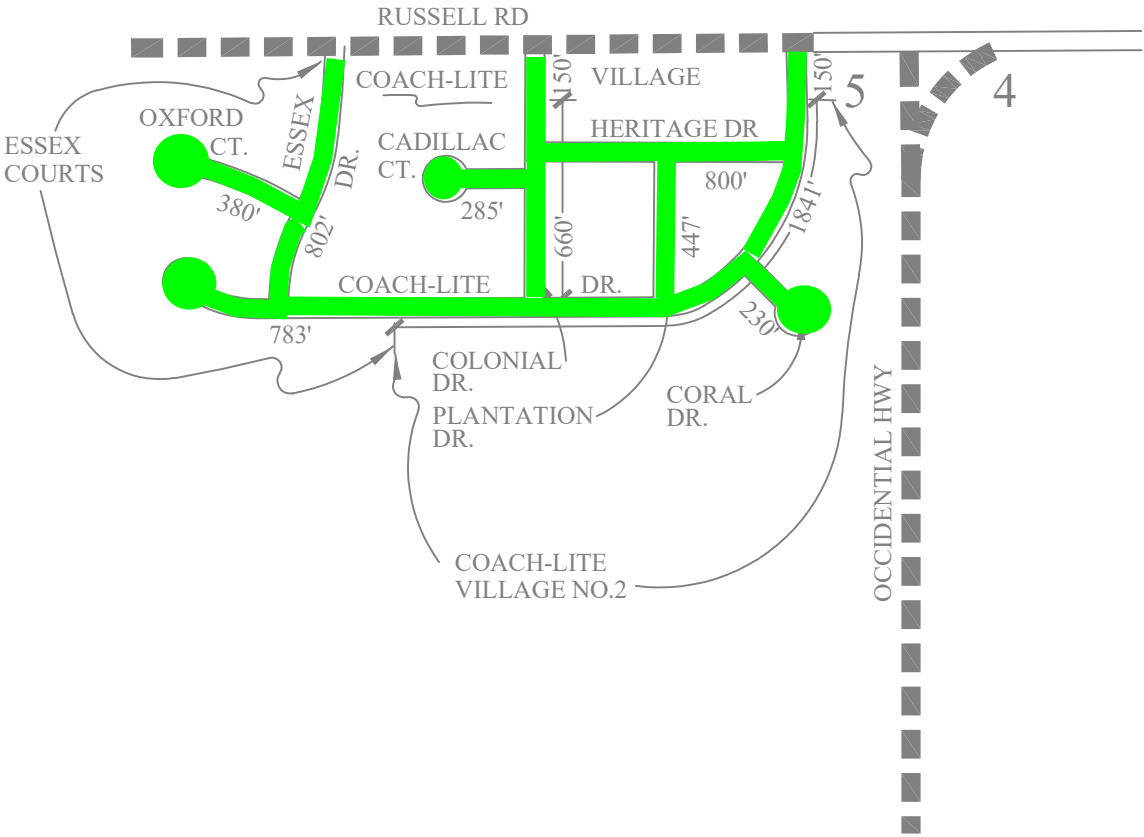


2024 PASER RATINGS

TOWNSHIP RAISIN
SECTION 4 T 6S R 4E
COUNTY LENAWEE 46

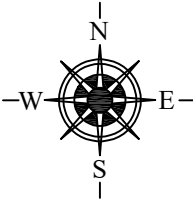
- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE
STREETS

TECUMSEH TWP



TOTAL FEET 6,528 EQUALS 1.24 MILES

- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



2024 PASER RATINGS

TOWNSHIP RAISIN

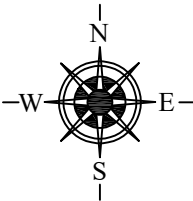
SECTION 5 T 6S R 4E

COUNTY LENAWEE 46

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

TOTAL FEET 1320' EQUALS 0.25 MILES

- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



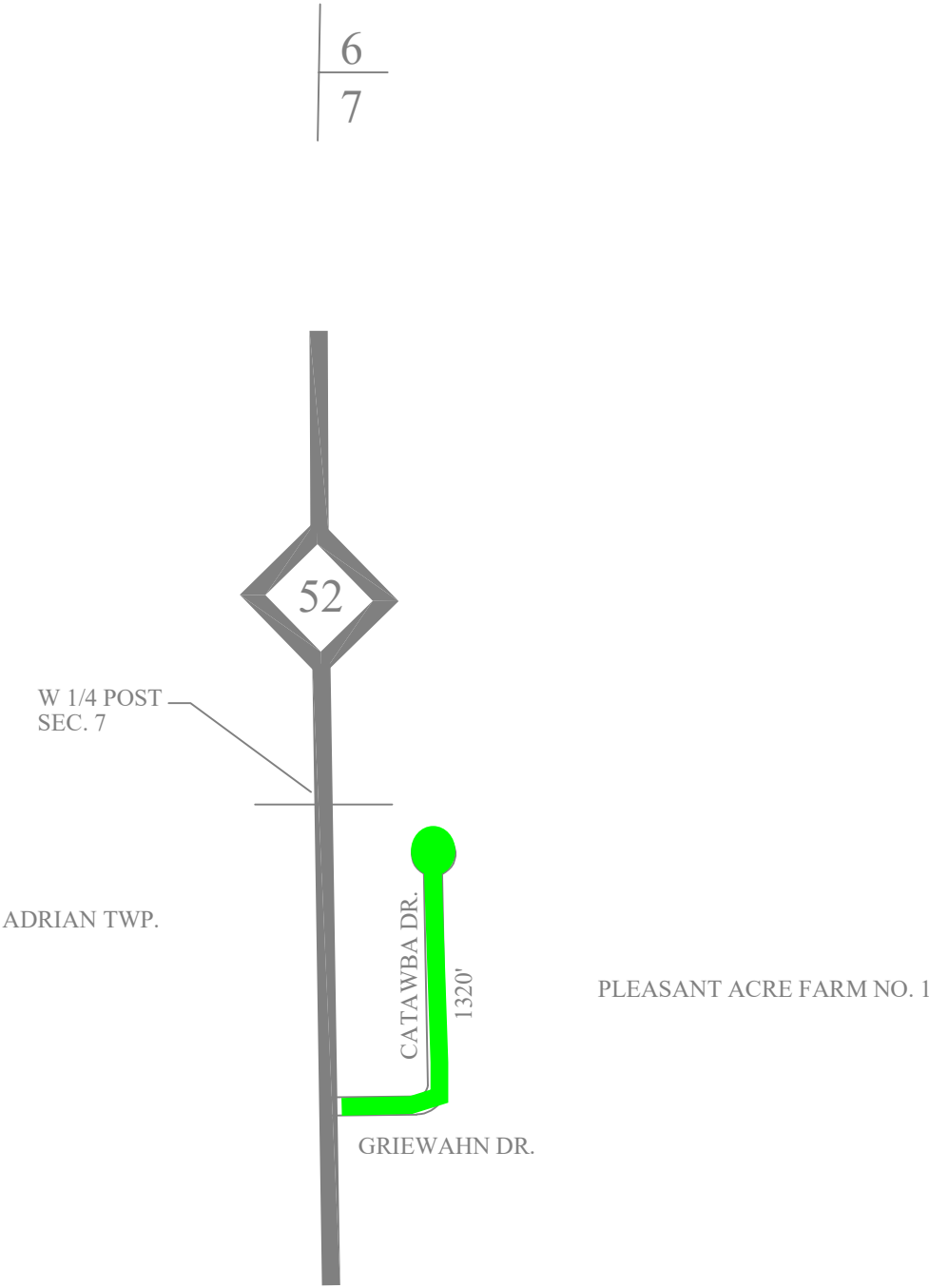
2024 PASER RATINGS

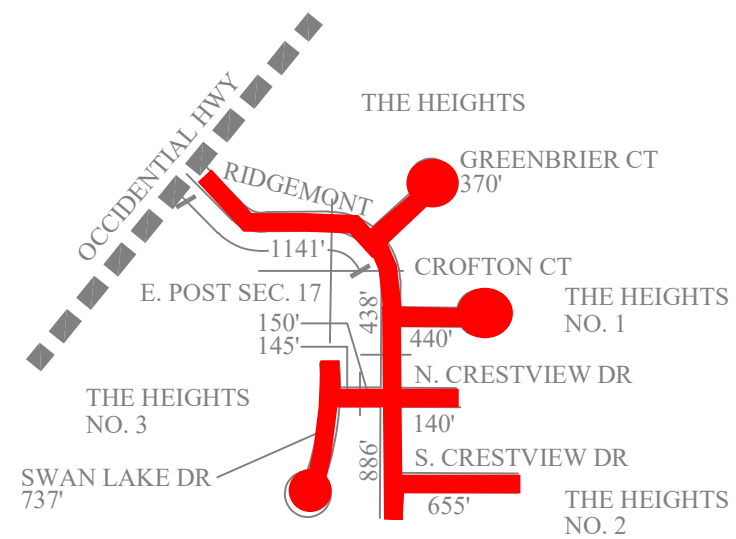
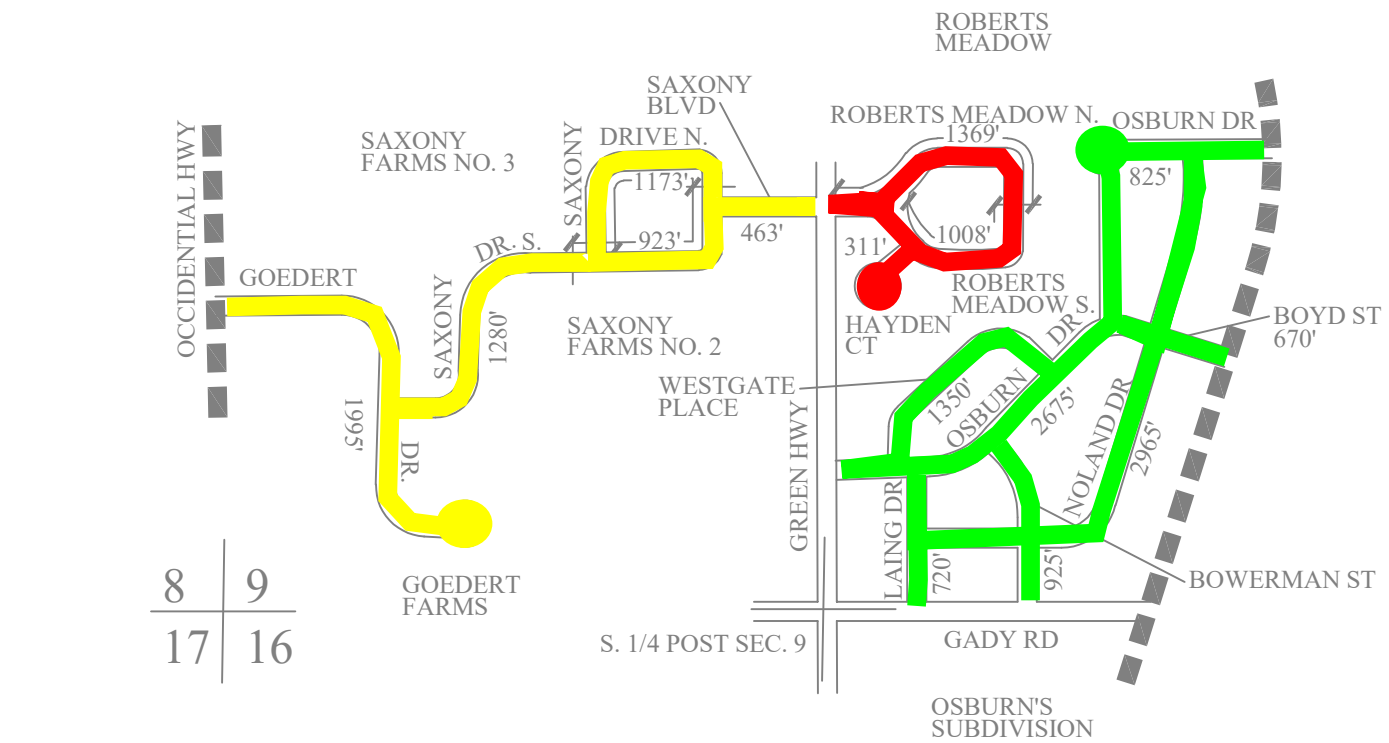
TOWNSHIP RAISIN

SECTION 7 T 6S R 4E

COUNTY LENA WEE 46

SHEET 62





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

TOTAL FEET 23,754' EQUALS 4.50 MILES

1-4 PASER RATING (POOR)
5-7 PASER RATING (FAIR)
8-10 PASER RATING (GOOD)

2024 PASER RATINGS

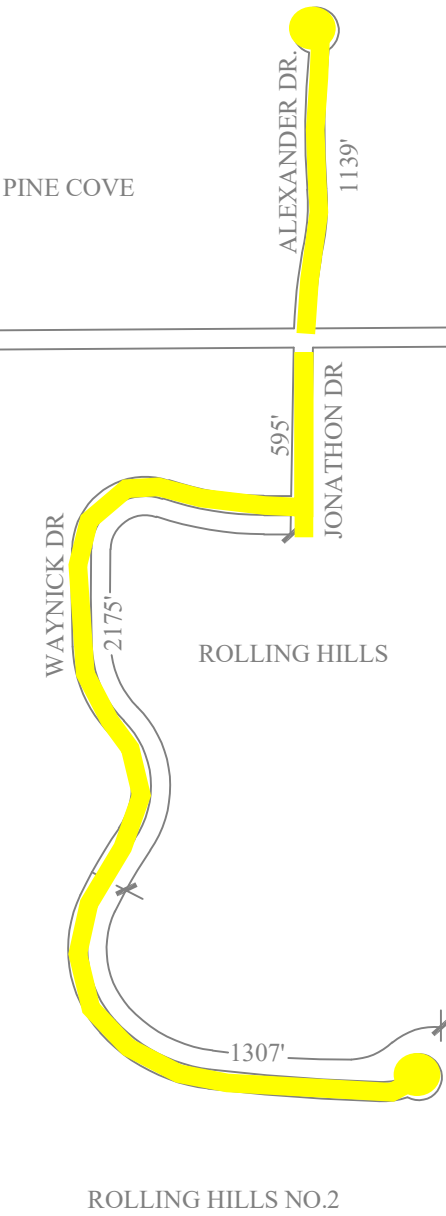
TOWNSHIP RAISIN

SECTION 9, 16 & 17 T 6S R 4E

COUNTY LENAWEE 46

SHEET 63

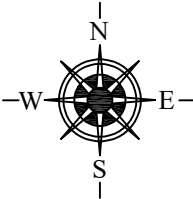
11 | 12
14 | 13



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

TOTAL FEET 5216' EQUALS 0.99 MILES

- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



2024 PASER RATINGS

14 | 13
23 | 24

13 | RIDGEWAY TWP.
24 |

TOWNSHIP RAISIN
SECTION 12&13 T 6S R 4E
COUNTY LENAWEE 46

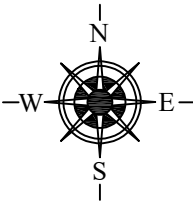
10 | 11
13 | 14

11 | 12
14 | 13

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

TOTAL FEET 8652' EQUALS 1.63 MILES

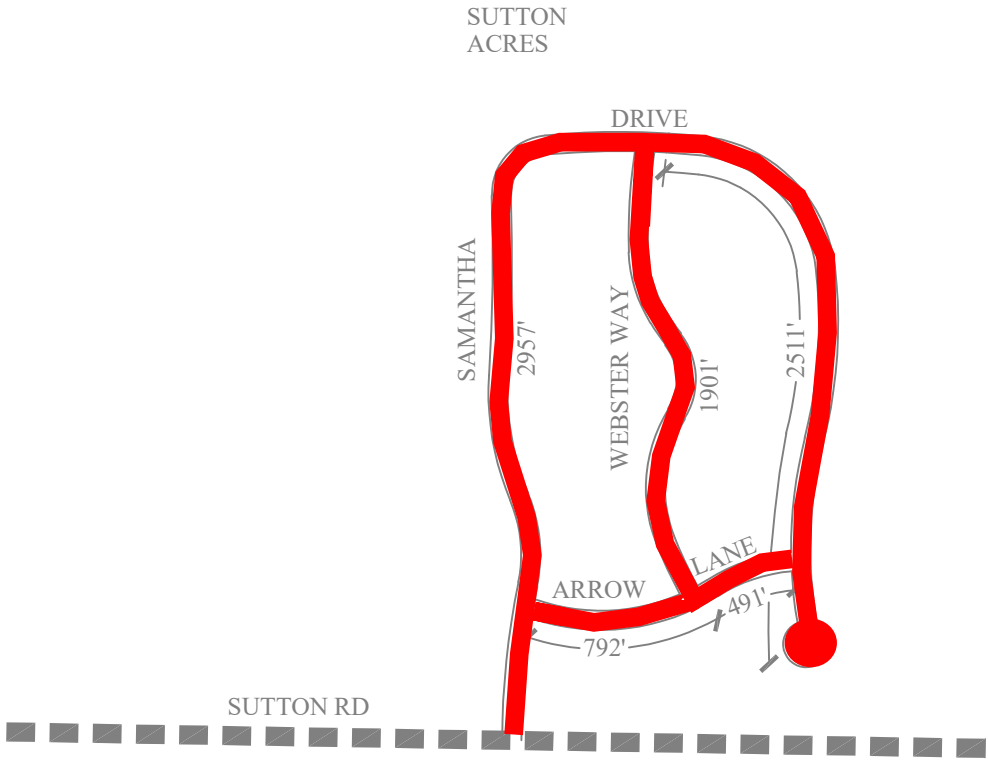
- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



2024 PASER RATINGS

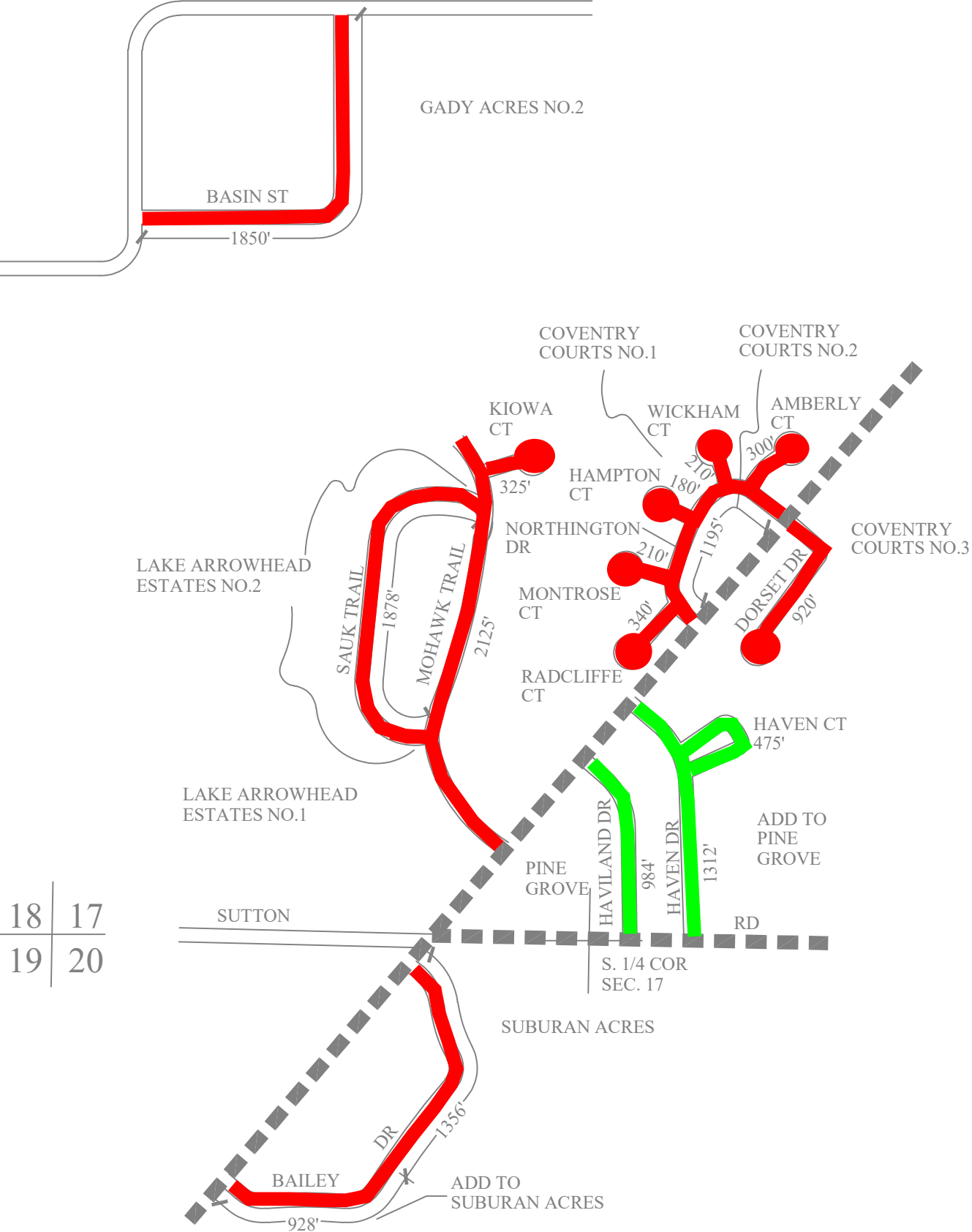
15 | 14
22 | 23

14 | 13
23 | 24



TOWNSHIP RAISIN
SECTION 14 T 6S R 4E
COUNTY LENAWEE 46

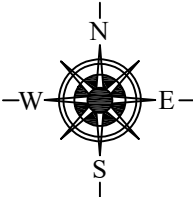
7 | 8
18 | 17



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

TOTAL FEET 14588' EQUALS 2.76 MILES

- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



2024 PASER RATINGS

TOWNSHIP RAISIN
SECTION 17&20 T 6S R 4E
COUNTY LENAWEE 46

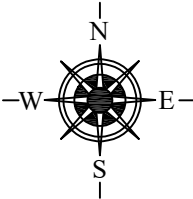
8 | 9
17 | 16

9 | 10
16 | 15

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

TOTAL FEET 1465' EQUALS 0.28 MILES

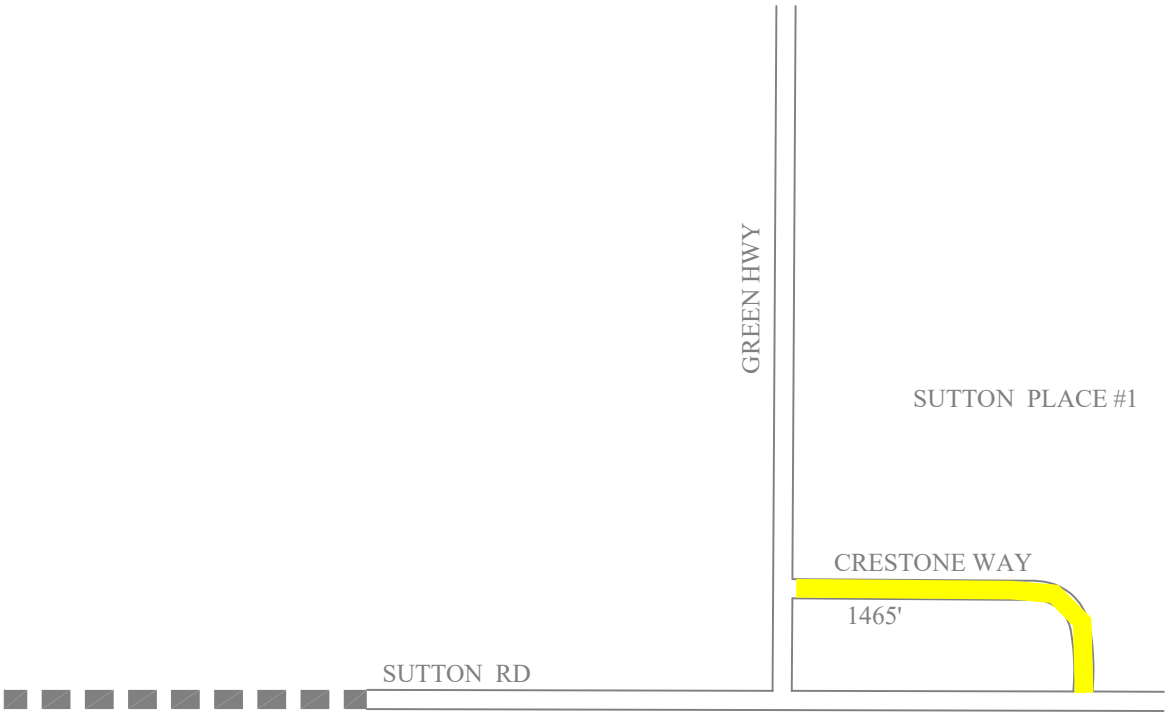
- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



2024 PASER RATINGS

17 | 16
20 | 21

16 | 15
21 | 22



TOWNSHIP RAISIN
SECTION 16 T 6S R 4E
COUNTY LENAWEE 46

7
18

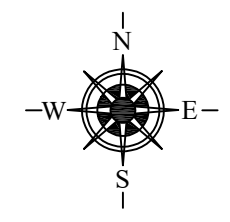
7 | 8
18 | 17

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

ADRIAN
TWP.

TOTAL FEET 17,894' EQUALS 3.39 MILES

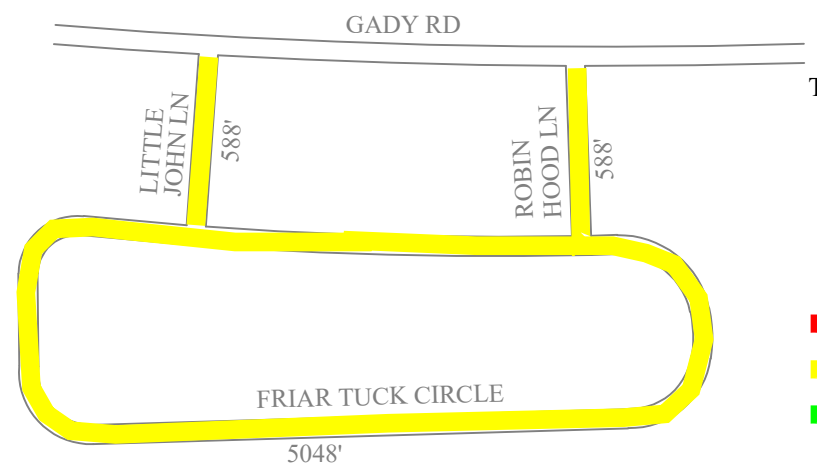
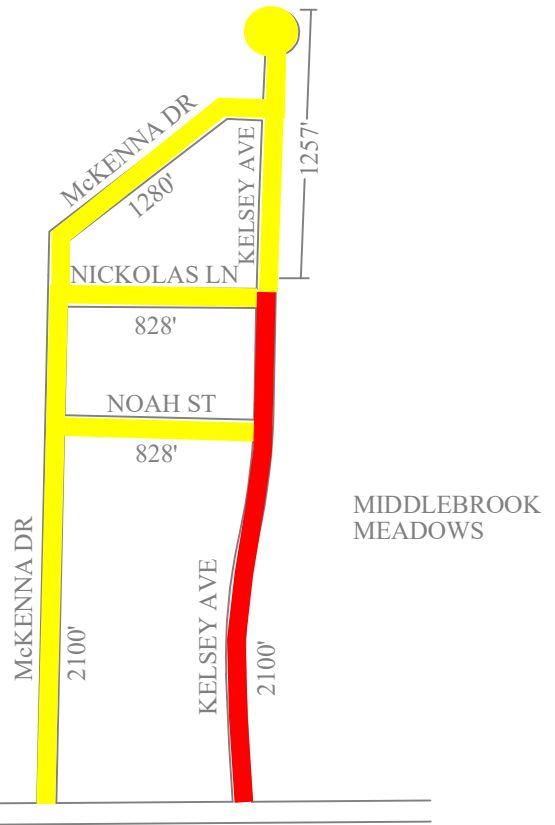
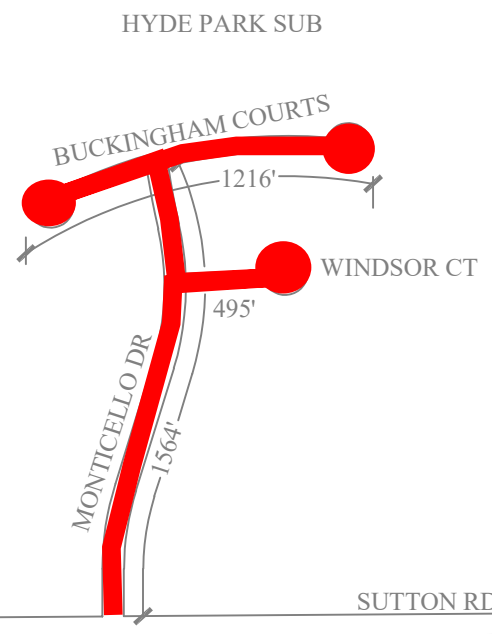
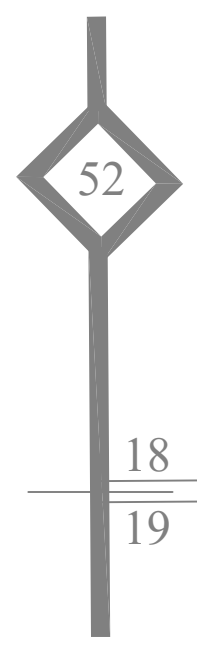
- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



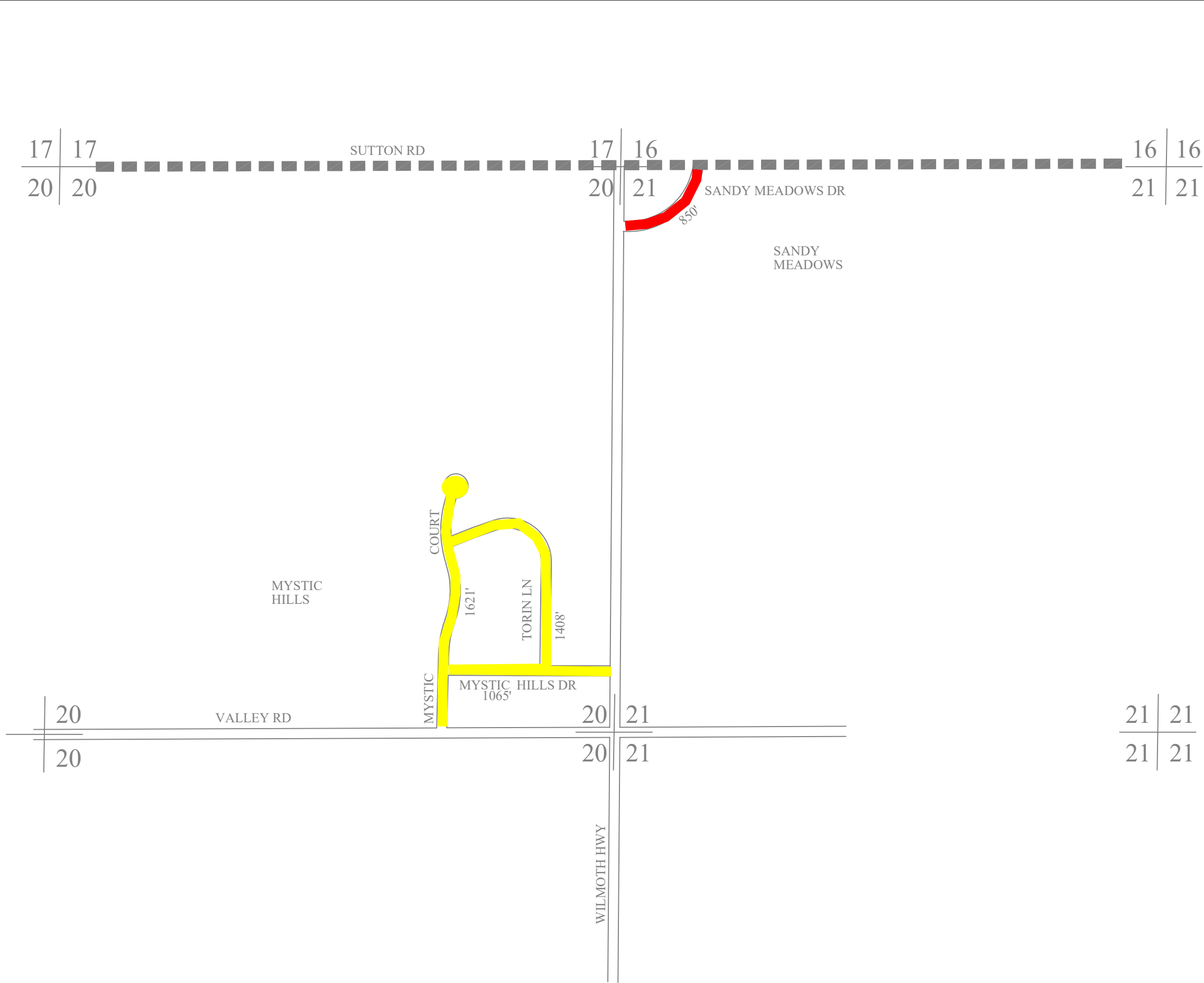
2024 PASER RATINGS

TOWNSHIP RAISIN
SECTION 17&18 T 6S R 4E
COUNTY LENAWEE 46

SHEET 68



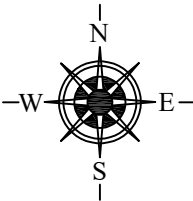
18 | 17
19 | 20



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

TOTAL FEET 4944' EQUALS 0.94 MILES

- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



2024 PASER RATINGS

TOWNSHIP RAISIN
SECTION 17&18 T 6S R 4E
COUNTY LENA WEE 46

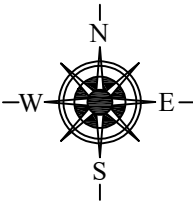
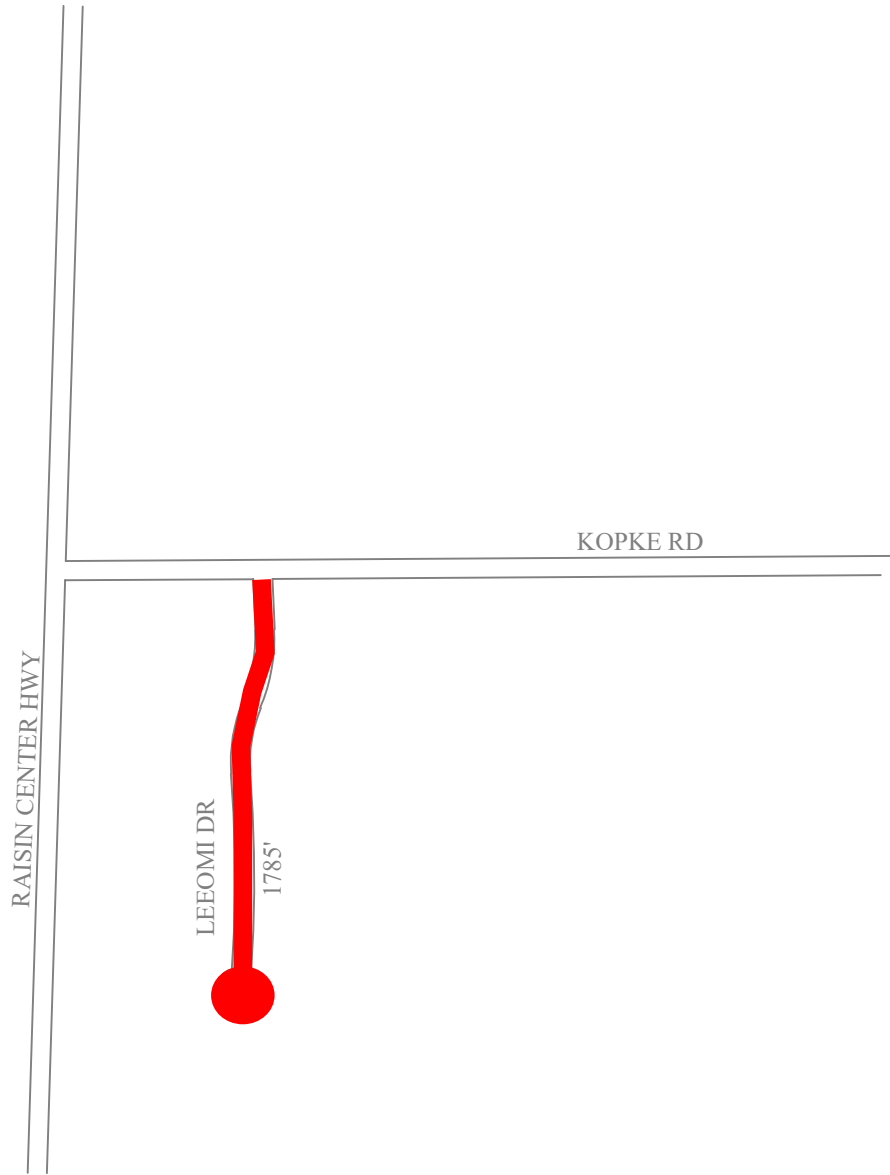
16 | 15
21 | 22

15 | 14
22 | 23

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

TOTAL FEET 1785' EQUALS 0.34 MILES

- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



2024 PASER RATINGS

TOWNSHIP RAISIN
SECTION 22 T 6S R 4E
COUNTY LENAWEE 46

21 | 22

22 | 23

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

TOTAL FEET

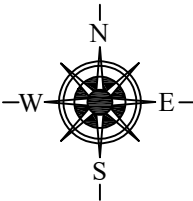
1975'

EQUALS

0.37

MILES

- 1-4 PASER RATING (POOR)
- 5-7 PASER RATING (FAIR)
- 8-10 PASER RATING (GOOD)



2024 PASER RATINGS

TOWNSHIP

RAISIN

SECTION

31

T

6S

R

4E

COUNTY

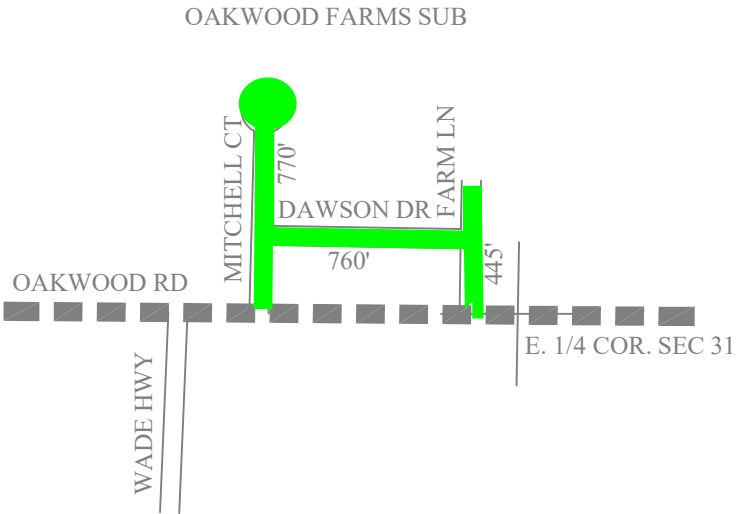
LENAWEE

46

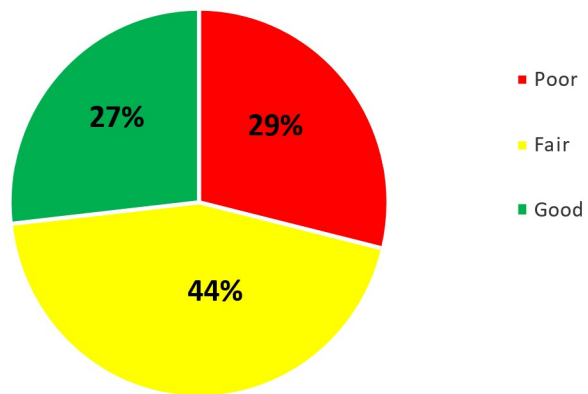
SHEET

71

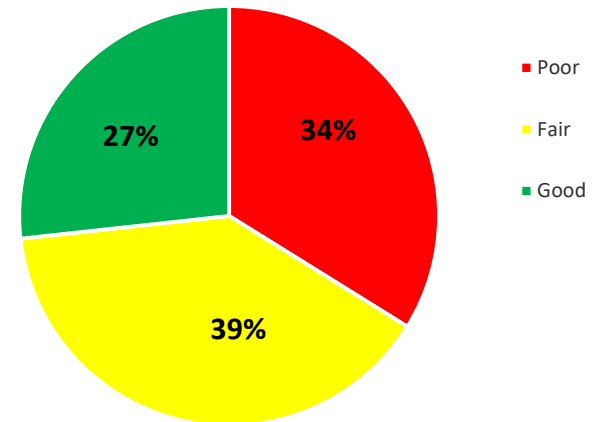
ADRIAN TWP



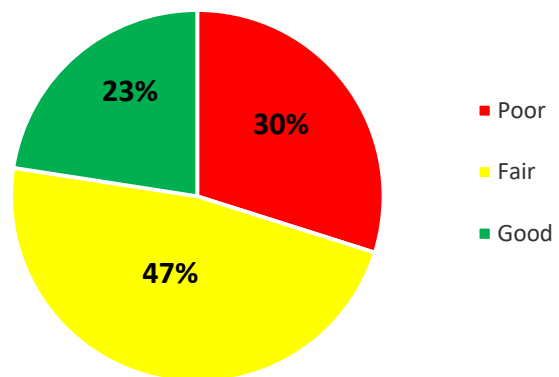
Countywide Local Roads
2024 Pavement Condition



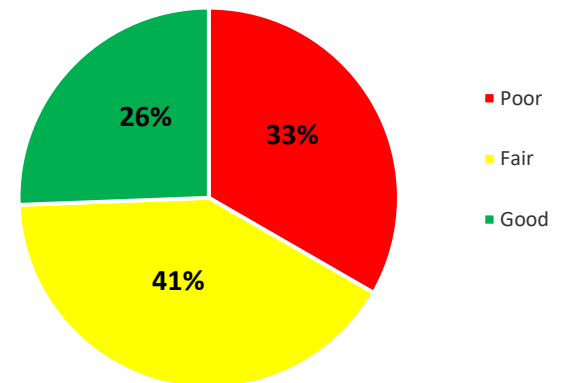
Countywide Local Roads
2023 Pavement Condition

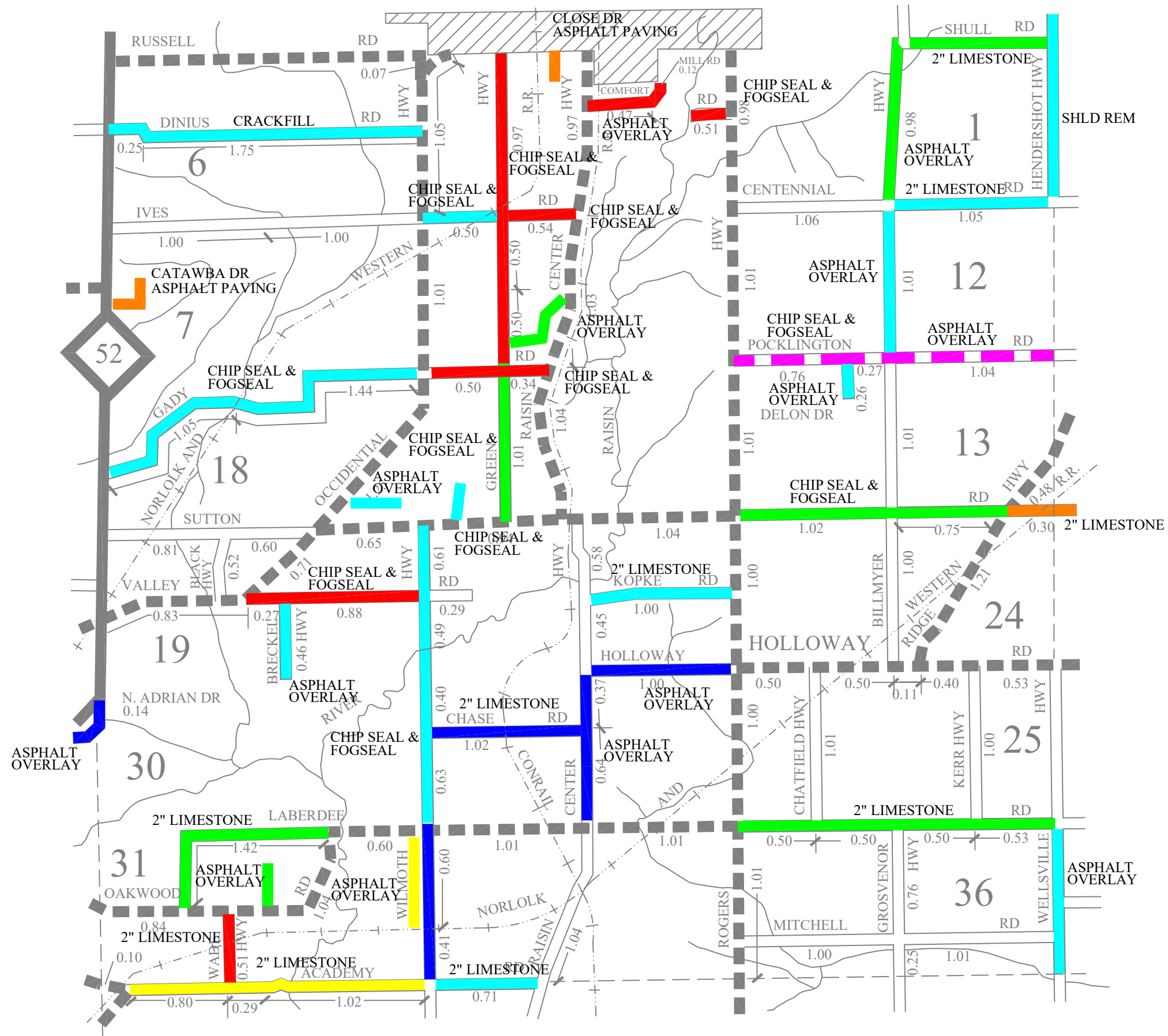


Countywide Local Roads
2022 Pavement Condition



Countywide Local Roads
2021 Pavement Condition

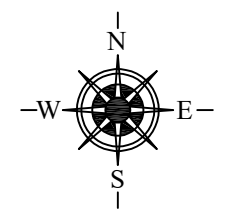




- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

PRIMARY ROAD SYSTEM IS 25.06 MILES
 LOCAL ROAD SYSTEM IS 47.95 MILES

- 2018
- 2019
- 2020
- 2021
- 2022
- 2023
- 2024



PREVIOUS PROJECTS RAISIN TWP

RAISIN TOWNSHIP - 2025 - Match Money -\$64,270

PROJECT LOCATION		DESCRIPTION OF WORK	MILEAGE	ACTUAL ESTIMATED COST
Underseal & Asphalt Overlay				
Billmeyer Hwy	Pocklington Rd to Sutton Rd	Underseal & Asphalt Overlay	1.01	\$137,015.73
Lake Arrowhead	off Occidental Hwy	Underseal & Asphalt Overlay	0.82	\$173,453.67
Suburban Acres Sub	off Occidental Hwy	Underseal & Asphalt Overlay	0.43	\$82,757.44
The Heights Sub	off Occidental Hwy	Underseal & Asphalt Overlay	0.83	\$204,086.32
Gady Acres	off Gady Rd	Underseal & Asphalt Overlay	0.35	\$83,103.75
Hyde Park Estates	off Sutton Rd	Underseal & Asphalt Overlay	0.62	\$157,187.77
Academy Rd Bridge	Wilmoth Hwy to Wade Hwy (joint w/ Palmyra)	Mill and Asphalt Overlay	0.16	\$15,054.10
Grosvenor Hwy	Mitchell Rd to Twp Line	Underseal & Asphalt Overlay	0.25	\$26,716.35
Crackfill & Chip Seal & Fog Seal				
Dinius Rd	M-52 to Occidental Hwy	Chip Seal & Fog Seal	2.00	\$42,466.25
Ives Rd	M-52 to Occidental Hwy	Crackfill, Chip Seal & Fog Seal	2.00	\$51,213.36
Leeomi Dr	off Kopke Rd	Crackfill, Chip Seal & Fog Seal	0.34	\$14,632.56
Wilmoth Hwy	Laberdee Rd to Academy Rd	Crackfill, Chip Seal & Fog Seal	1.01	\$26,289.68
Sutton Rd	M-52 to Occidental Hwy	Crackfill, Chip Seal & Fog Seal	1.41	\$37,877.98
Raisin Center Hwy	Sutton Rd to Academy Rd	Crackfill, Chip Seal & Fog Seal	3.08	\$77,285.16
Centennial Rd	Rogers Hwy to Billmeyer Hwy	Crackfill, Chip Seal & Fog Seal	1.06	\$27,664.34
Shoulder Removal & Limestone				
Hendershot Hwy (2024)	M-50 to Centennial (joint w/ Ridgeway)	2" 411 Limestone	1.30	\$26,968.66
Wellsville Hwy (2024)	Laberdee Rd to Holloway Rd(joint w/ Ridgeway Twp)	2" 411 Limestone	1.00	\$20,674.67
Billmeyer Hwy	Sutton Rd to Holloway Rd	Shoulder Removal & 2" 411 Limestone	1.00	\$69,622.99
Grosvenor Hwy	Laberdee Rd to Mitchell Rd	Shoulder Removal & 2" 411 Limestone	0.76	\$26,031.86
Match Eligible Projects			Total	\$1,300,102.64

RAISIN TOWNSHIP - 2026 - Match Money -\$64,270

PROJECT LOCATION		DESCRIPTION OF WORK	MILEAGE	Prelim Cost
Underseal & Asphalt Overlay				
Roberts Meadows	off Green Hwy	Underseal & Asphalt Overlay	0.51	\$60,000.00
Coventry Courts	off Occidental Hwy	Underseal & Asphalt Overlay	0.64	\$140,000.00
Crackfill & Chip Seal & Fog Seal				
Sutton Acres Sub	off Sutton Rd	Crackfill, Chip Seal & Fog Seal	1.64	\$45,000.00
Sandy Meadows Sub	off Wilmoth Hwy	Crackfill, Chip Seal & Fog Seal	0.16	\$5,000.00
Black Hwy	Sutton Rd to Valley Rd	Crackfill, Chip Seal & Fog Seal	0.52	\$20,000.00
Middlebrook Meadows	off Sutton Rd	Crackfill, Chip Seal & Fog Seal	1.59	\$32,000.00
Valley Rd	Occidental Hwy to Wilmoth Hwy	Crackfill, Chip Seal & Fog Seal	1.15	\$40,000.00
Pocklington Rd	Rogers Hwy to Twp Line	Crackfill, Chip Seal & Fog Seal	2.07	\$60,000.00
Shoulder Removal & Limestone				
Valley Rd	Wilmoth Hwy to End	Shoulder Removal & 2" 411 Limestone	0.29	\$9,000.00
Chase Rd	Wilmoth Hwy to Raisin Center Hwy	Shoulder Removal & 2" 411 Limestone	1.02	\$40,000.00
Kerr Hwy	Laberdee Rd to Holloway Rd	Shoulder Removal & 2" 411 Limestone	1.00	\$40,000.00
Chatfield Hwy	Laberdee Rd to Holloway Rd	Shoulder Removal & 2" 411 Limestone	1.01	\$40,000.00
			Total	\$531,000.00

RAISIN TOWNSHIP - 2027 - Match Money -\$64,270

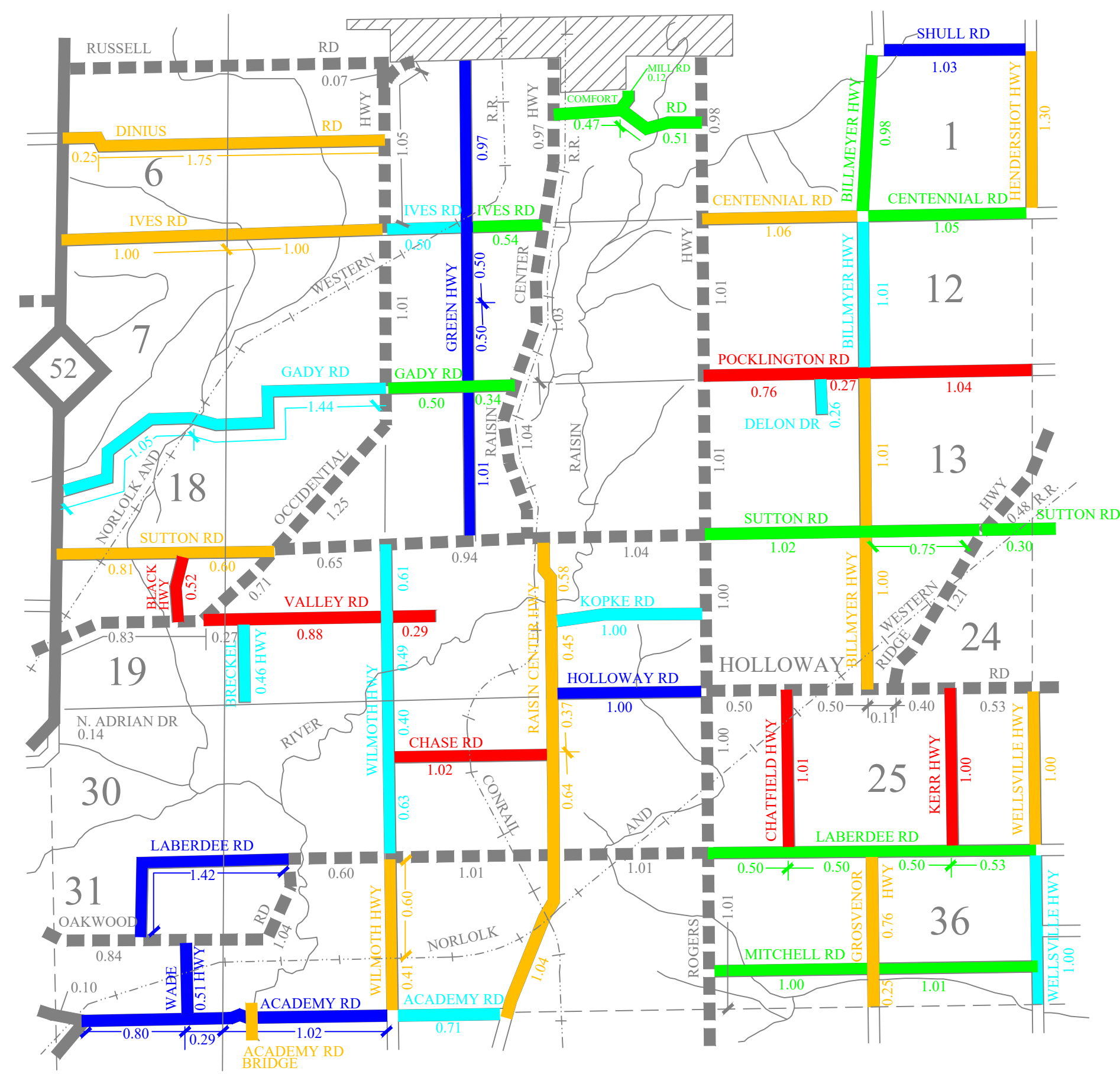
PROJECT LOCATION	DESCRIPTION OF WORK	MILEAGE	Prelim Cost	
Underseal & Asphalt Overlay				
Crackfill & Chip Seal & Fog Seal				
Cobblestone Ridge Sub	off Occidental Hwy	Crackfill, Chip Seal & Fog Seal	1.05	\$30,000.00
Saxony and Goedert	off Occidental Hwy and Green Hwy	Crackfill, Chip Seal & Fog Seal	1.11	\$30,000.00
Close Dr	off Russell Rd	Crackfill, Chip Seal & Fog Seal	0.20	\$5,000.00
Catawba Dr	off M-52	Crackfill, Chip Seal & Fog Seal	0.25	\$5,000.00
Rolling Hills Sub	off Pocklington Rd	Crackfill, Chip Seal & Fog Seal	0.77	\$16,000.00
Holloway Rd	Raisin Center Hwy to Rogers Hwy	Crackfill, Chip Seal & Fog Seal	1.00	\$30,000.00
Pine Cove Sub	off Pocklington Rd	Crackfill, Chip Seal & Fog Seal	0.21	\$5,000.00
Gateview Sub (Gove Dr.)	off Green Hwy / Occidental Hwy	Crackfill, Chip Seal & Fog Seal	0.90	\$19,000.00
The Glade (Crabtree)	off Occidental Hwy	Crackfill, Chip Seal & Fog Seal	0.27	\$6,000.00
Sherwood Meadows Sub	off Gady Rd	Crackfill, Chip Seal & Fog Seal	1.18	\$40,000.00
Green Hwy	Russell Rd to Sutton Rd	Crackfill, Chip Seal & Fog Seal	2.98	\$60,000.00
Coachlite Sub	off Russell Rd	Crackfill, Chip Seal & Fog Seal	1.24	\$40,000.00
Shoulder Removal & Limestone				
Shull Rd	Billmeyer Hwy to Hendershot Hwy (Split w/ Tecumseh Twp)	Shoulder Removal & 2" Limestone	1.03	\$20,000.00
Academy Rd	Parr Hwy to Wilmoth Hwy (Split with Palmyra Twp)	Shoulder Removal & 2" Limestone	2.11	\$45,000.00
Wade Hwy	Oakwood Rd to Academy Rd	Shoulder Removal & 2" Limestone	0.51	\$15,000.00
Laberdee Rd	Oakwood Rd to Laberdee Rd	Shoulder Removal & 2" Limestone	1.42	\$60,000.00
			Total	\$426,000.00

RAISIN TOWNSHIP - 2028 - Match Money -\$64,270

PROJECT LOCATION		DESCRIPTION OF WORK	MILEAGE	Prelim Cost
Underseal & Asphalt Overlay				
Crackfill & Chip Seal & Fog Seal				
Gady Rd	Occidental Hwy to Raisin Center Hwy	Crackfill, Chip Seal & Fog Seal	0.84	\$20,000.00
Ives Rd	Green Hwy to Raisin Center Hwy	Crackfill, Chip Seal & Fog Seal	0.54	\$15,000.00
Comfort Rd.	off Raisin Center Hwy and Rogers Hwy	Crackfill, Chip Seal & Fog Seal	0.98	\$30,000.00
Osbourn Sub	off Raisin Center Hwy and Rogers Hwy	Crackfill, Chip Seal & Fog Seal	1.92	\$60,000.00
Mills Rd	Comfort Rd to City Limits	Crackfill, Chip Seal & Fog Seal	0.12	\$4,000.00
Crestone Way	off Sutton Rd	Crackfill, Chip Seal & Fog Seal	0.28	\$8,000.00
Mystic Hills Sub	off Wilmoth Hwy	Crackfill, Chip Seal & Fog Seal	0.78	\$20,000.00
Billmeyer Hwy	Centennial Rd to Shull Rd	Crackfill, Chip Seal & Fog Seal	0.98	\$30,000.00
Oakwood Farms	off Oakwood Rd	Crackfill, Chip Seal & Fog Seal	0.37	\$10,000.00
Sutton Rd	Rogers Hwy to Ridge Hwy	Crackfill, Chip Seal & Fog Seal	1.77	\$35,000.00
Shoulder Removal & Limestone				
Centennial Rd	Billmeyer Hwy to Hendershot Hwy	Shoulder Removal & 2" Limestone	1.05	\$30,000.00
Laberdee Rd	Rogers Hwy to Wellsville Hwy	Shoulder Removal & 2" Limestone	2.03	\$80,000.00
Mitchell Rd	Rogers Hwy to Wellsville Hwy	Shoulder Removal & 2" Limestone	2.01	\$40,000.00
Sutton Rd	Ridge Hwy to Twp Line	Shoulder Removal & 2" Limestone	0.30	\$20,000.00
			Total	\$402,000.00

RAISIN TOWNSHIP - 2029 - Match Money -\$64,270

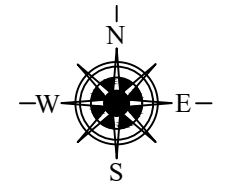
PROJECT LOCATION		DESCRIPTION OF WORK	MILEAGE	Prelim Cost
Underseal & Asphalt Overlay				
Raisin Center Hwy	Laberdee Rd to Academy Rd	Underseal & Asphalt Overlay	1.04	\$120,000.00
Crackfill & Chip Seal & Fog Seal				
Wellsville Hwy	Laberdee Rd to Twp Line (joint w/ Blissfield Twp)	Crackfill, Chip Seal & Fog Seal	1.25	\$16,000.00
Gady Rd	Occidental Hwy to M-52	Crackfill, Chip Seal & Fog Seal	2.49	\$65,000.00
Billmeyer Hwy	Centennial Rd to Pocklington Rd	Crackfill, Chip Seal & Fog Seal	1.01	\$25,000.00
Wilmoth Hwy	Laberdee Rd to Sutton Rd	Crackfill, Chip Seal & Fog Seal	2.13	\$55,000.00
Pine Grove Sub	off Occidental Hwy	Crackfill, Chip Seal & Fog Seal	0.52	\$15,000.00
Deleon Dr	off Pocklington Rd	Crackfill, Chip Seal & Fog Seal	0.26	\$7,000.00
Breckel Hwy	off Valley Rd	Crackfill, Chip Seal & Fog Seal	0.46	\$12,000.00
Ives Rd	Occidental Hwy to Green Hwy	Crackfill, Chip Seal & Fog Seal	0.50	\$12,000.00
Shoulder Removal & Limestone				
Kopke Rd	Raisin Center Hwy to Rogers Hwy	Shoulder Removal & 2" Limestone	1.00	\$30,000.00
Academy Rd	Wilmoth Hwy to Raisin Center Hwy	Shoulder Removal & 2" Limestone	0.71	\$22,000.00
			Total	\$379,000.00



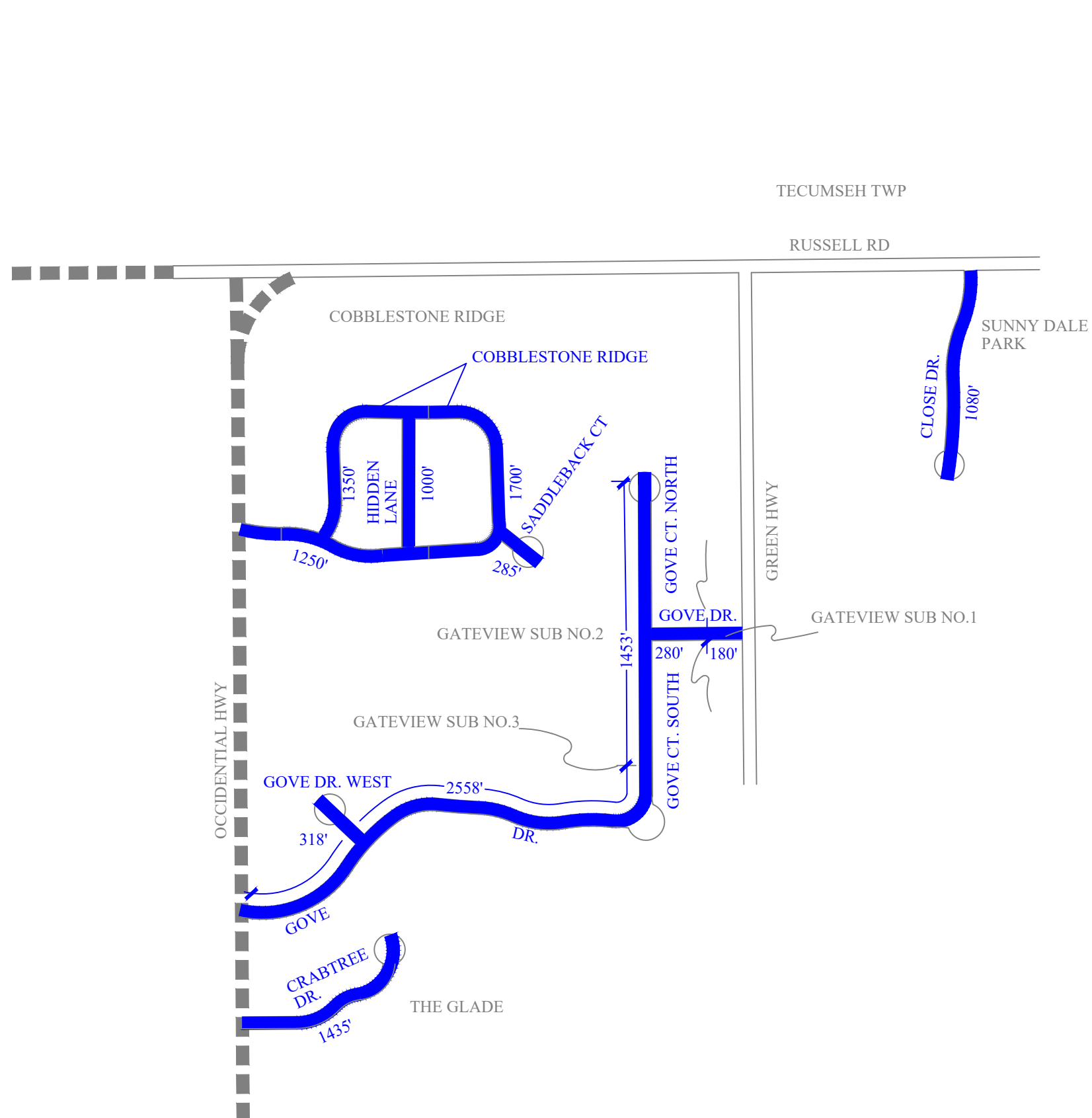
- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

PRIMARY ROAD SYSTEM IS 25.06 MILES
LOCAL ROAD SYSTEM IS 47.95 MILES

- 2025
- 2026
- 2027
- 2028
- 2029



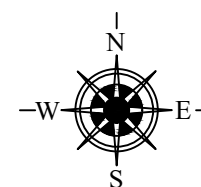
5 YEAR PLAN RAISIN TWP



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

TOTAL FEET 12,889 EQUALS 2.44 MILES

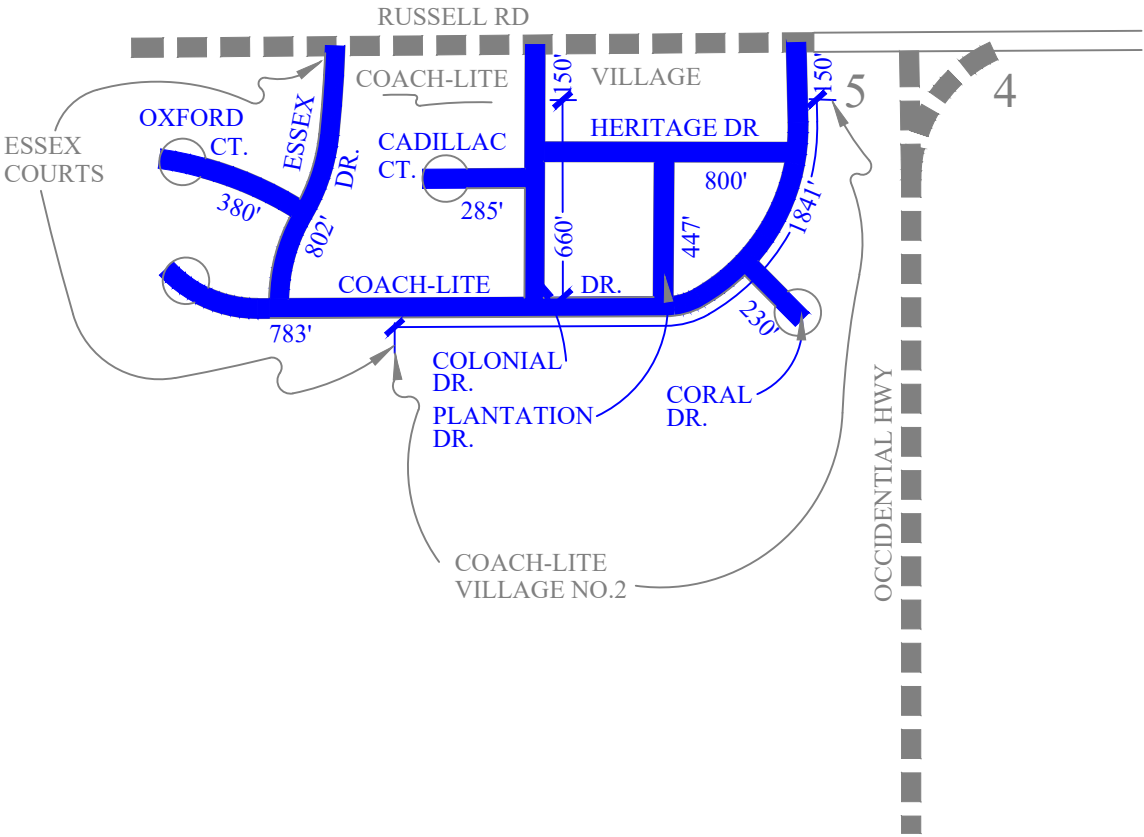
- 2025
- 2026
- 2027
- 2028
- 2029



5 YEAR PLAN RAISIN TWP

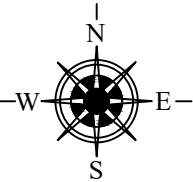
- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

TECUMSEH TWP



TOTAL FEET 6,528 EQUALS 1.24 MILES

- 2025
- 2026
- 2027
- 2028
- 2029

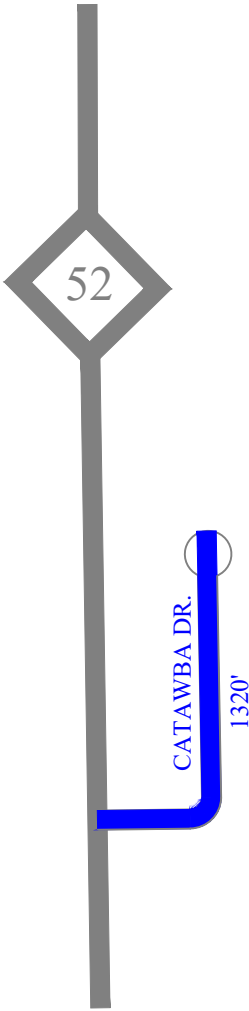


5 YEAR PLAN RAISIN TWP

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

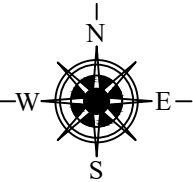
TOTAL FEET 1320' EQUALS 0.25 MILES

ADRIAN TWP.

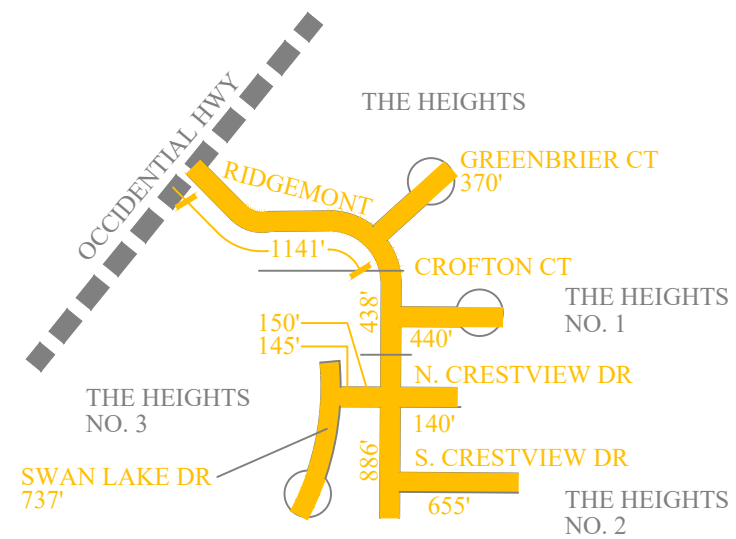
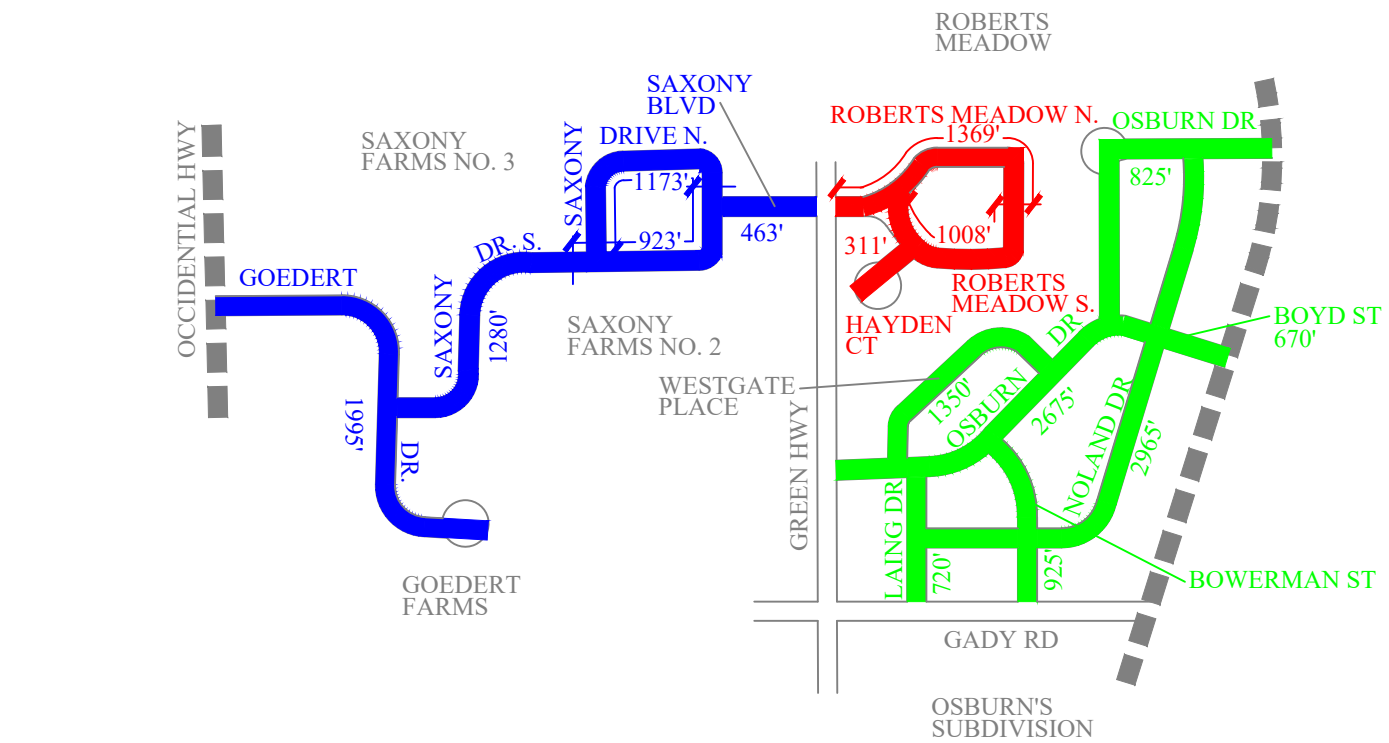


PLEASANT ACRE FARM NO. 1

- 2025
- 2026
- 2027
- 2028
- 2029



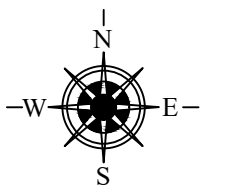
5 YEAR PLAN
RAISIN TWP



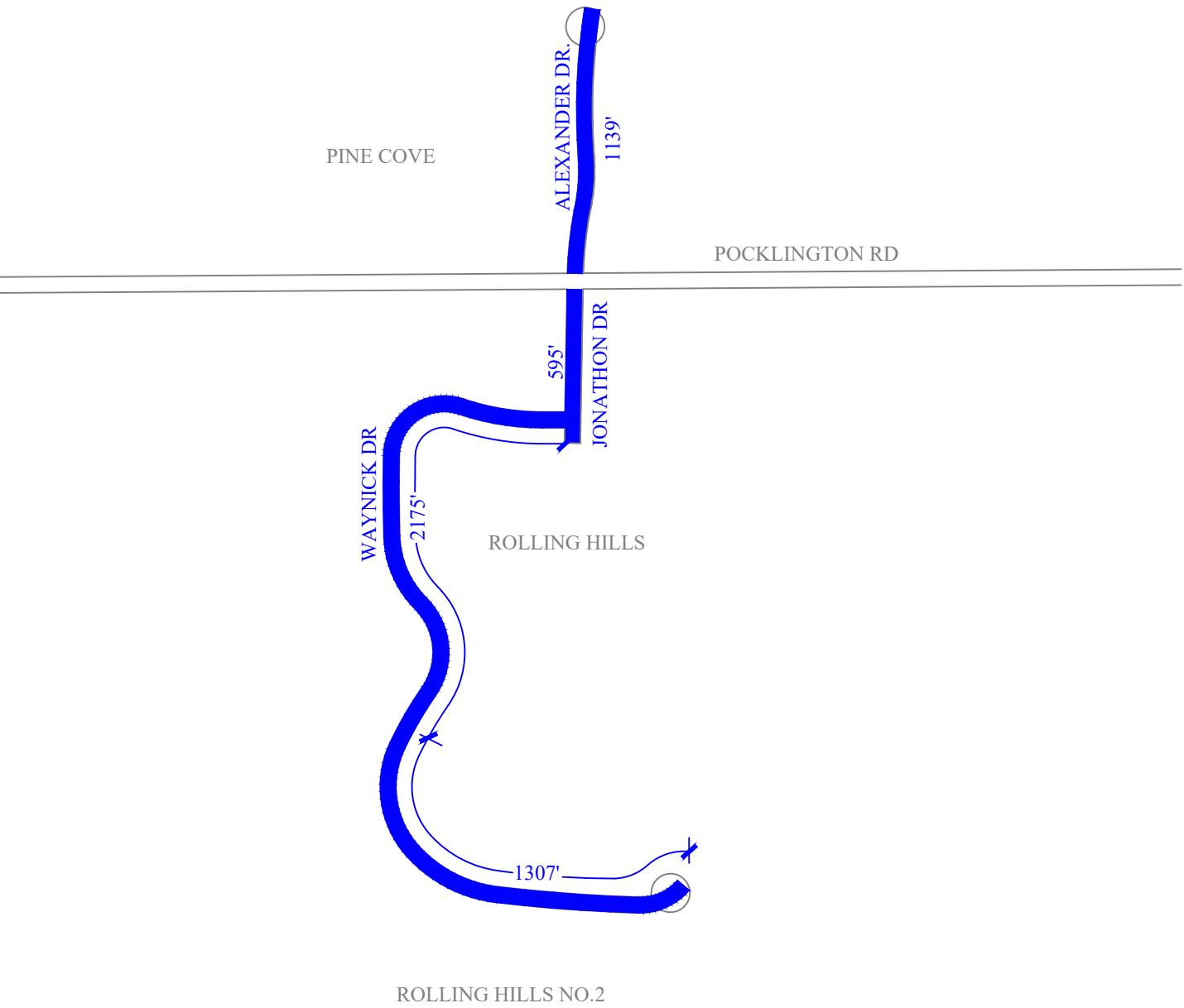
- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

TOTAL FEET 23,754' EQUALS 4.50 MILES

- 2025
- 2026
- 2027
- 2028
- 2029



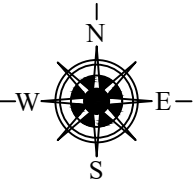
5 YEAR PLAN RAISIN TWP



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

TOTAL FEET 5216' EQUALS 0.99 MILES

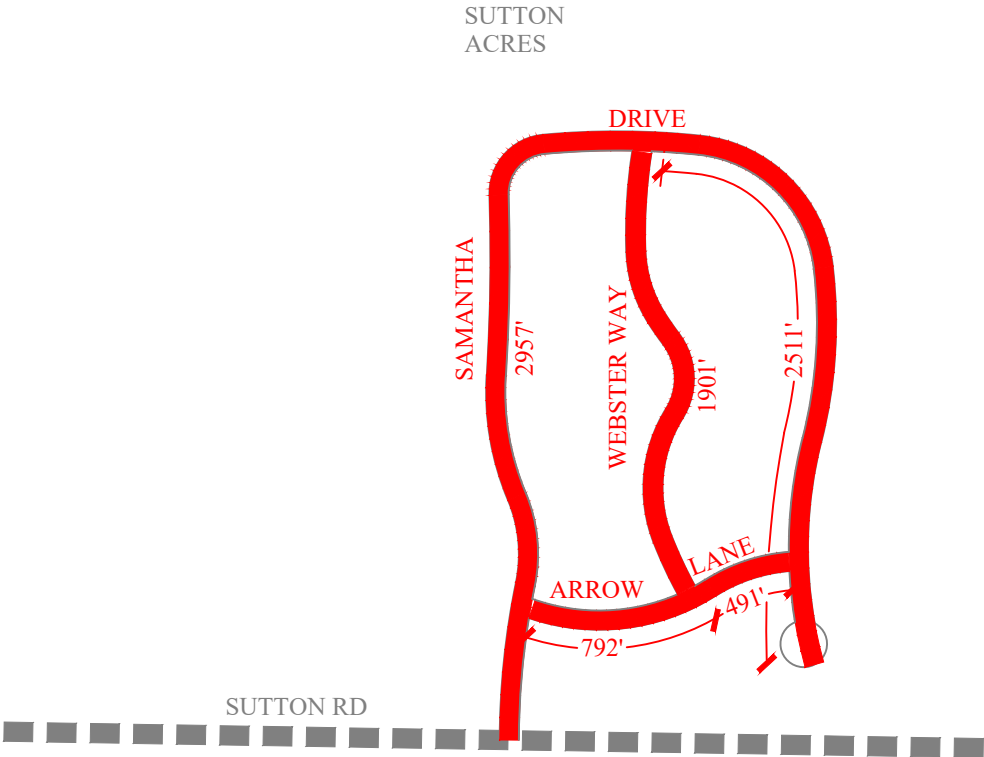
- 2025
- 2026
- 2027
- 2028
- 2029



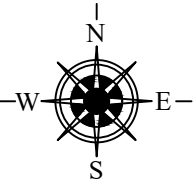
5 YEAR PLAN
RAISIN TWP

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

TOTAL FEET 8652' EQUALS 1.63 MILES



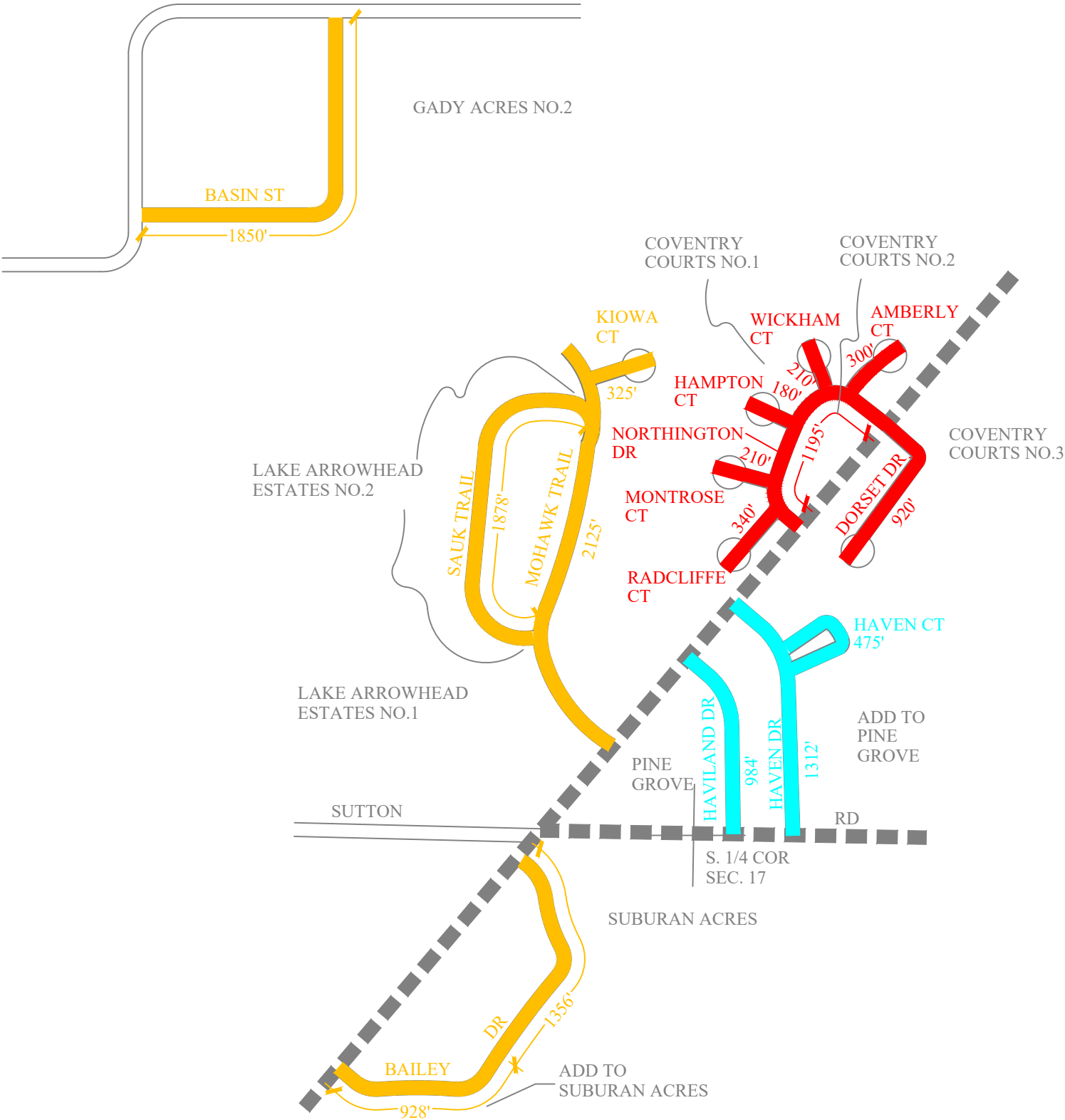
- 2025
- 2026
- 2027
- 2028
- 2029



5 YEAR PLAN RAISIN TWP

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

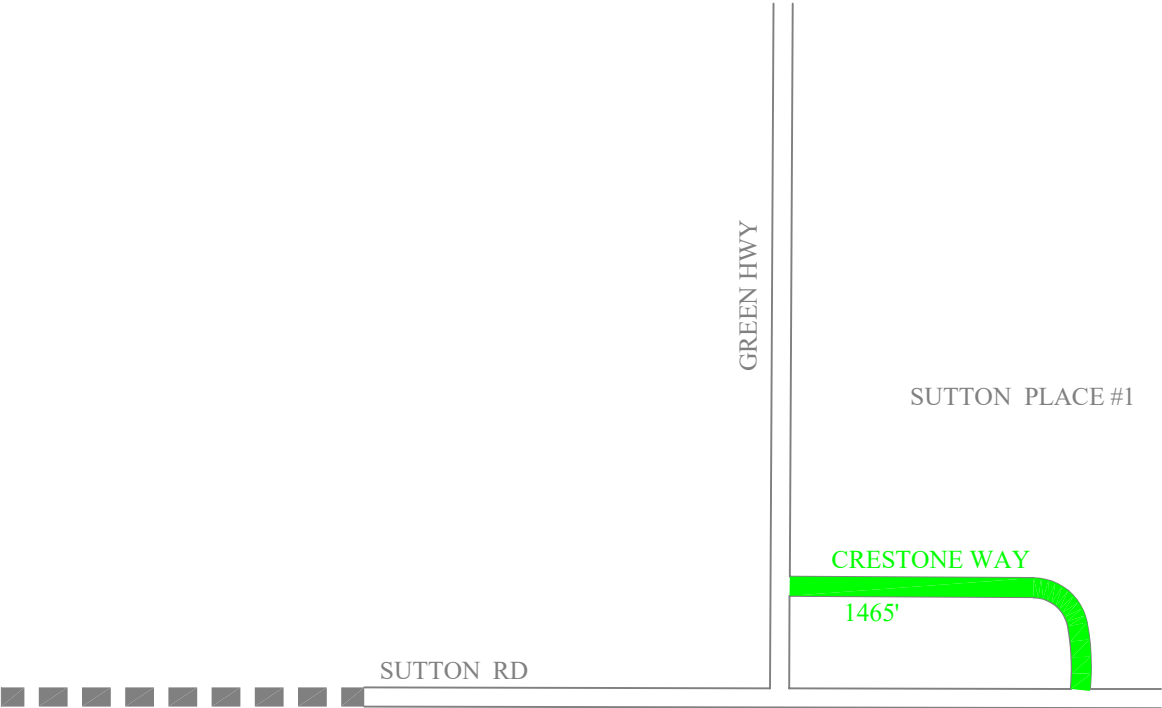
TOTAL FEET 14588' EQUALS 2.76 MILES



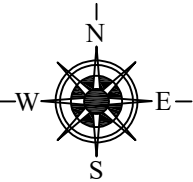
5 YEAR PLAN RAISIN TWP

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

TOTAL FEET 1465' EQUALS 0.28 MILES



- 2025
- 2026
- 2027
- 2028
- 2029

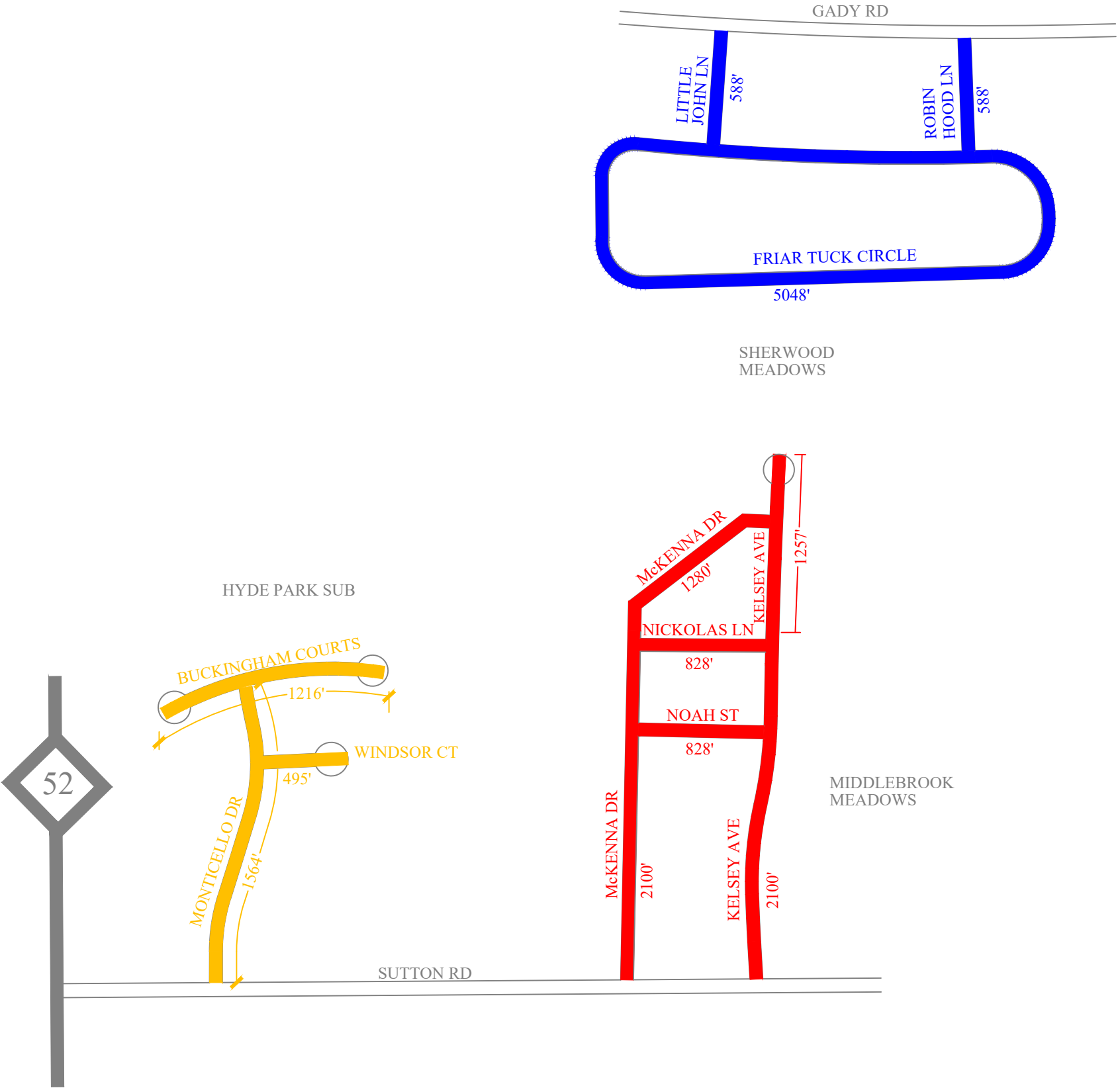
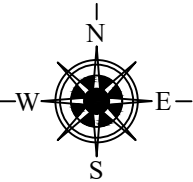


5 YEAR PLAN
RAISIN TWP

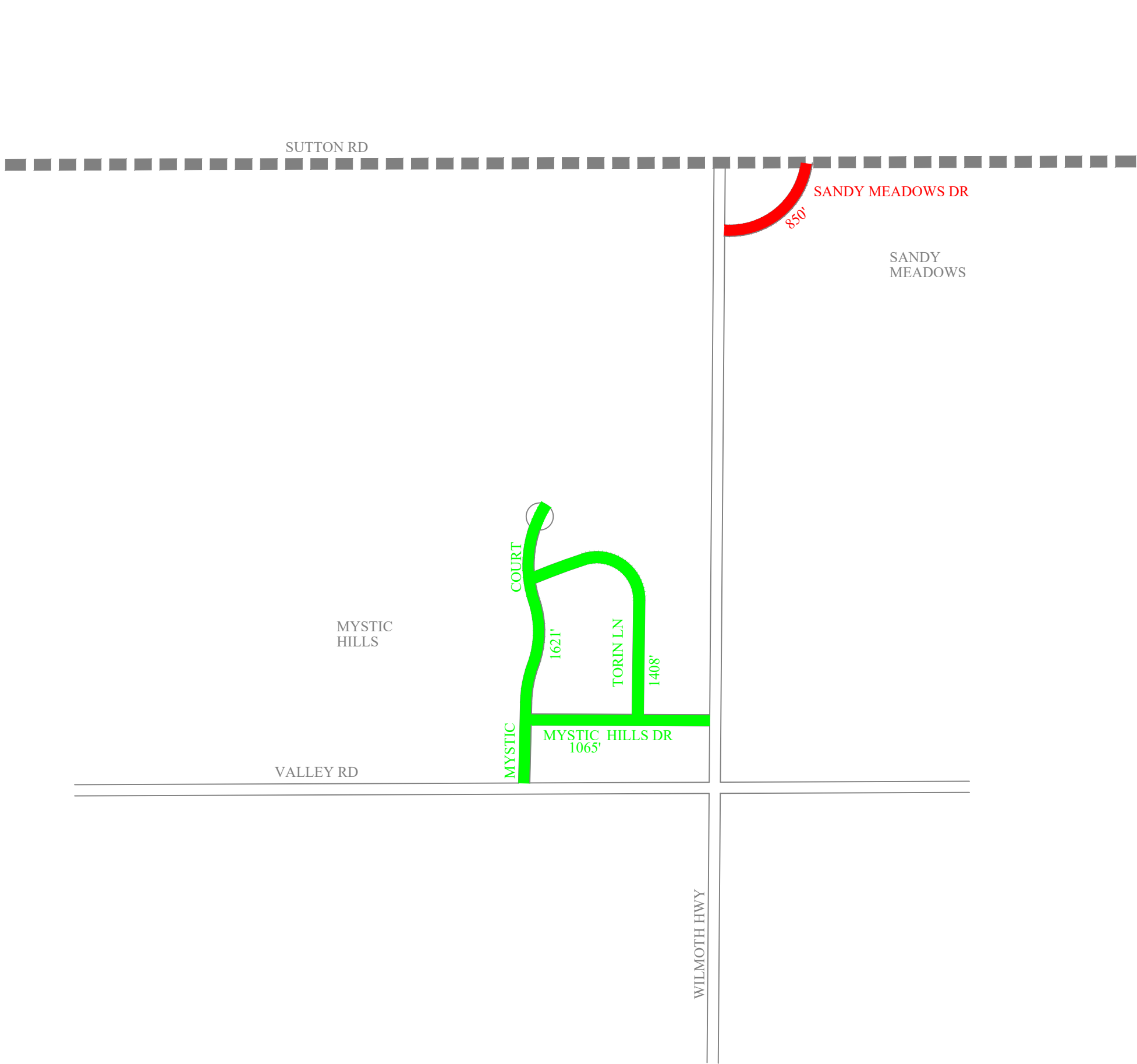
- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY LOCAL
- AJACENT COUNTY
- CITY OR VILLAGE STREETS

TOTAL FEET 17,894' EQUALS 3.39 MILES

- 2025
- 2026
- 2027
- 2028
- 2029



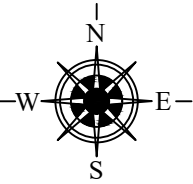
5 YEAR PLAN RAISIN TWP



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

TOTAL FEET 4944' EQUALS 0.94 MILES

- 2025
- 2026
- 2027
- 2028
- 2029



5 YEAR PLAN RAISIN TWP

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

TOTAL FEET

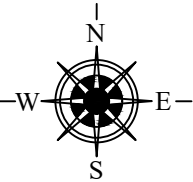
1785'

EQUALS

0.34

MILES

- 2025
- 2026
- 2027
- 2028
- 2029

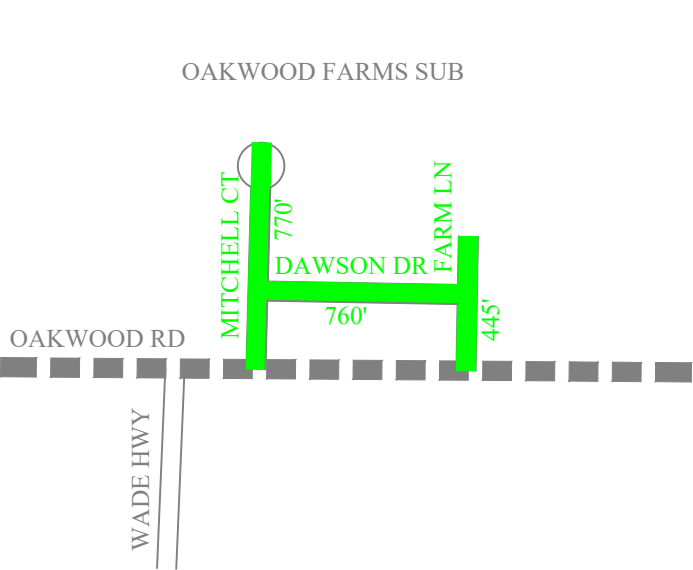


5 YEAR PLAN

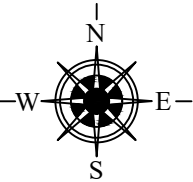
RAISIN TWP

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

TOTAL FEET 1975' EQUALS 0.37 MILES



- 2025
- 2026
- 2027
- 2028
- 2029

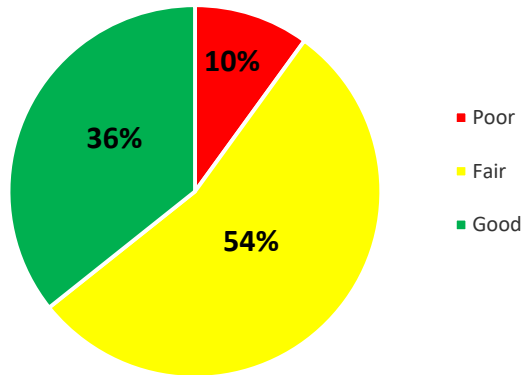


5 YEAR PLAN
RAISIN TWP

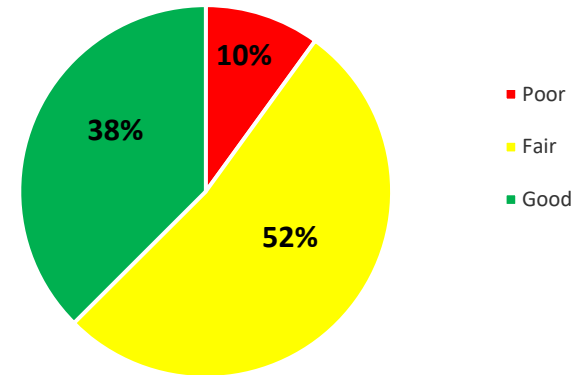
Primary Road PASER Ratings

CURRENT PRIMARY MILEAGE	Paved Miles (PASER)	AVG PASER Rating 2020	AVG PASER Rating 2021	AVG PASER Rating 2022	AVG PASER Rating 2023	AVG PASER Rating 2024
489.21	447.28	6.66	6.74	7.01	6.77	6.69

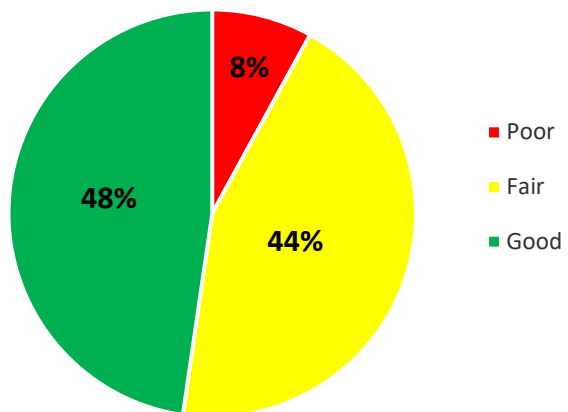
Countywide Primary Roads
2024 Pavement Condition



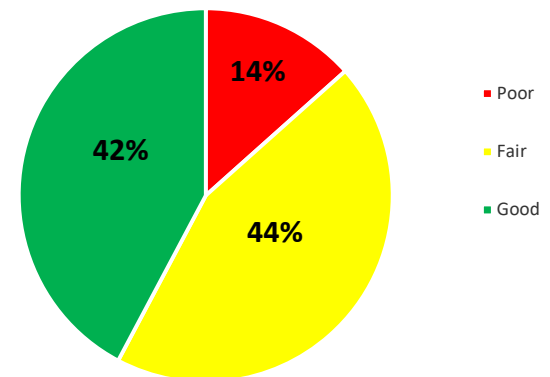
Countywide Primary Roads
2023 Pavement Condition



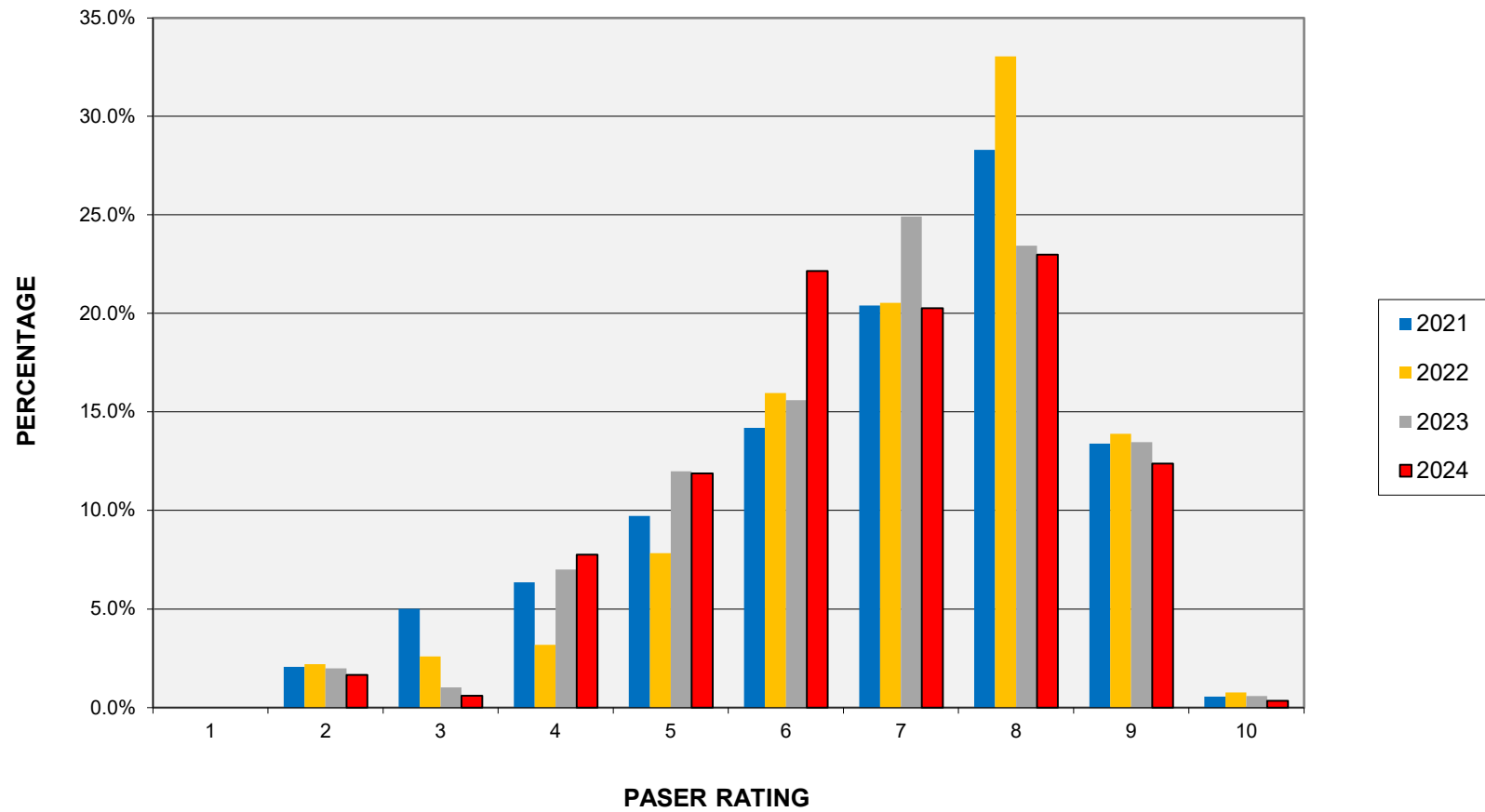
Countywide Primary Roads
2022 Pavement Condition



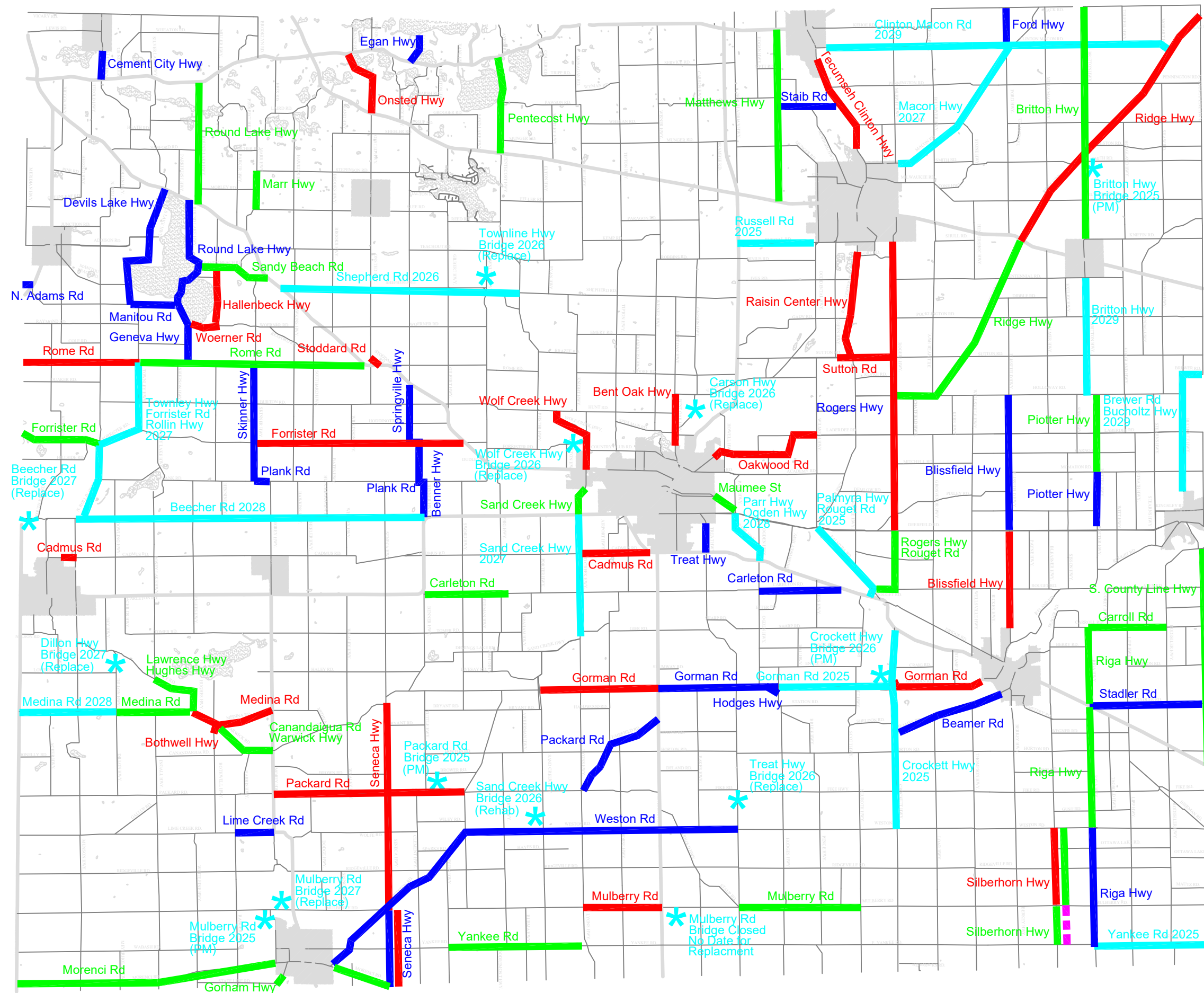
Countywide Primary Roads
2021 Pavement Condition



Countywide Primary Roads Pavement Condition



LENAWEE COUNTY ROAD COMMISSION PRIMARY ROAD PLAN 2025 TO 2027



2025

2026

2027

Federal
Aid

Future Work

PROJECT LOCATION

DESCRIPTION OF WORK

MILEAGE

2025

Asphalt

4	Skinner Hwy / Plank Rd	Rome Rd to Morey Hwy	Underseal and HMA Overlay	3.42
2	Lime Creek Hwy	Ranger Hwy to M-156	Reconstruction HMA Overlay	1.34
3	Piotter Hwy	Deerfield Rd to McMahon Rd	Underseal and HMA Overlay	1.51
6	Hodges Hwy	at Gorman Rd	Remove spur	0.07
	Seneca Hwy	Weston Rd to Ohio Line	Reconstruction Phase 1 - Agg Base	2.02

Crackfill, Chip Seal and Fog Seal

4/5/6	Crockett Hwy	US-223 to Weston Rd	Underseal	5.29
6	Russell Rd	M-52 to Tecumseh City Limits	Underseal	2.07
5/6	Palmyra / Rouget	Deerfield Rd to US-223	Underseal	2.48
6	Gorman Rd	Hodges Hwy to Crockett Hwy	Underseal	2.98
5	Round Lake Hwy	US-223 to Manitou Rd	Crackfill, Chip Seal & Fog Seal	3.23
4	Devils Lake Hwy	US-223 to Manitou Rd	Crackfill, Chip Seal & Fog Seal	3.68
5	Manitou Rd / Geneva Hwy	Devils Lake Hwy to Rome Rd	Crackfill, Chip Seal & Fog Seal	2.96
5	N. Adams Rd	off US-127	Crackfill, Chip Seal & Fog Seal	0.22
4	Beamer Rd	Crockett Hwy to Blissfield Village	Crackfill, Chip Seal & Fog Seal	2.86
4/5	Benner / Plank / Springville	M-34 to US-223	Crackfill, Chip Seal & Fog Seal	4.05
6/7	Blissfield Hwy	Holloway Rd to Deerfield Rd	Crackfill, Chip Seal & Fog Seal	3.51
5	Cement City Hwy	US-12 to Cement City Limits	Crackfill, Chip Seal & Fog Seal	0.75
5/6	Egan Hwy	off US-12	Crackfill, Chip Seal & Fog Seal	1.21
4	Fairfield Rd	Packard Rd to M-52	Crackfill, Chip Seal & Fog Seal	2.87
4/5	Gorman Rd	Hodges Hwy to M-52	Crackfill, Chip Seal & Fog Seal	3.10
5/6	Riga Hwy	Weston Rd to Yankee Rd	Crackfill, Chip Seal & Fog Seal	3.01
6	Stadler Rd	Riga Hwy to County Line	Crackfill, Chip Seal & Fog Seal	3.02
4/5	Staib Rd	Tecumseh Clinton Hwy to Matthews Hwy	Crackfill, Chip Seal & Fog Seal	1.67
5	Treat Hwy	US-223 to City of Adrian	Crackfill, Chip Seal & Fog Seal	0.76
6	Weston Rd	Treat Hwy to City of Morenci	Crackfill, Chip Seal & Fog Seal	12.02

Gravel

	Ford Hwy	Clinton Macon Rd to County Line	4" 411 Limestone	1.01
	Carleton Rd	US-223 to Ogden Hwy	2" 411 Limestone	2.17

Culverts

	Blissfield Hwy	Holloway Rd to Village of Blissfield	Twin 60" & Twin 48"	
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PRIMARY ROAD PLAN

PROJECT LOCATION

DESCRIPTION OF WORK

MILEAGE

2026

Asphalt

4	Medina Rd	M-156 to Hughes Hwy	Underseal and HMA Overlay	2.32
2	Silberhorn Hwy	Weston Rd to Mulberry Rd	Reconstruction Phase 1 - Agg Base	2.11
	Seneca Hwy	Weston Rd to Ohio Line	Reconstruction Phase 2 -HMA	2.02
6/7	Blissfield Hwy	Deerfield Rd to Village of Blissfield	Underseal and HMA Overlay	2.50
2	Stoddard Rd	Onsted to US-223	Mill and HMA Overlay	0.03
5	Wolf Creek Hwy	US-223 to Burton Rd	Underseal & HMA Overlay	2.00
	Wolf Creek Hwy Intersection	at Lenawee Hills Hwy	Change Intersection	

Crackfill, Chip Seal and Fog Seal

5/6/7	Hallenbeck Hwy	Woerner Rd to Sandy Beach Rd	Crackfill, Chip Seal & Fog Seal	1.61
7	Woerner Rd	Geneva Hwy to Hallenbeck Hwy	Crackfill, Chip Seal & Fog Seal	0.77
5	Bent Oak Hwy	City of Adrian to Valley Rd	Crackfill, Chip Seal & Fog Seal	1.32
8	Bothwell Hwy	Medina Rd to S of Bridge	Crackfill, Chip Seal & Fog Seal	0.38
5	Cadmus Rd	Sand Creek Hwy to US-223	Crackfill, Chip Seal & Fog Seal	1.79
5	Cadmus Rd	City of Hudson to Munson	Crackfill, Chip Seal & Fog Seal	0.38
8/9	Forrister Rd	US-223 to Skinner Hwy	Crackfill, Chip Seal & Fog Seal	5.46
6	Gorman Rd	M-52 to Sand Creek Hwy	Crackfill, Chip Seal & Fog Seal	3.09
5/6	Oakwood Rd	City of Adrian to Wilmoth Hwy	Crackfill, Chip Seal & Fog Seal	3.07
6	Onsted Hwy	M-50 to US-12	Crackfill, Chip Seal & Fog Seal	1.86
6/7	Packard Rd	M-156 to Elliott Hwy	Crackfill, Chip Seal & Fog Seal	4.70
6/8	Raisin Center Hwy	City of Tecumseh to Sutton Rd	Crackfill, Chip Seal & Fog Seal	2.84
6	Ridge Hwy	M-50 to County Line	Crackfill, Chip Seal & Fog Seal	7.50
5	Rogers Hwy	Deerfield Rd to Russell Rd	Crackfill, Chip Seal & Fog Seal	7.45
5/6/7	Rome Rd	US-127 to Townley Hwy	Crackfill, Chip Seal & Fog Seal	3.17
6/7	Seneca Hwy	Weston Rd to Canandaigua Rd	Crackfill, Chip Seal & Fog Seal	5.46
6	Sutton Rd	Raisin Center Hwy to Rogers Hwy	Crackfill, Chip Seal & Fog Seal	1.00
5/7	Tecumseh Clinton Hwy	Village of Clinton to City of Tecumseh	Crackfill, Chip Seal & Fog Seal	2.44

Gravel

	Gorman Rd	Crockett Hwy to Village of Blissfield	2" 411 Limestone	2.23
	Mulberry Rd	M-52 to Lyons Hwy	2" 411 Limestone	2.00

Culverts

PRIMARY ROAD PLAN

2027	PROJECT LOCATION		DESCRIPTION OF WORK		MILEAGE
	Asphalt				
	8	Forrister Rd	US-127 to Rollin Hwy	Underseal and HMA Overlay	2.31
	4	Medina Rd	Dillon Hwy to Hughes Hwy	Underseal and HMA Overlay	2.07
	2	Silberhorn Hwy	Weston Rd to Mulberry Rd	Reconstruction Phase 2 -HMA	2.11
	2	Silberhorn Hwy	Mulberry Rd to Yankee Rd	Reconstruction Phase 1 - Agg Base	1.02
	6	Sand Creek Hwy	M-34 to Adrian City Limits	Underseal and HMA Overlay	0.71
	Crackfill, Chip Seal and Fog Seal				
	6/8	Rollin / Forrister / Townley	Beecher Rd to Rome Rd	Underseal	4.77
	4	Macon Hwy	Grange Hall Hwy to Clinton Macon Rd	Underseal	3.89
	4/5/6	Sand Creek Hwy	Lyons Hwy to M-34	Underseal	3.55
	6	Britton Hwy	Village of Britton to Hack	Crackfill, Chip Seal & Fog Seal	6.06
	6	Canandaiga / Warwick	M-156 to Medina & Medina Intersection	Crackfill, Chip Seal & Fog Seal	1.72
	5/6	Carroll Rd	Riga Hwy to Rodesiler Hwy	Crackfill, Chip Seal & Fog Seal	2.03
	6/7	S. County Line Hwy	Butcholtz Hwy to US-223	Crackfill, Chip Seal & Fog Seal	2.90
	7	Gorham Hwy	Ohio State Line to City of Morenci	Crackfill, Chip Seal & Fog Seal	0.26
	7	Lawrence Hwy / Hughes Hwy	Medina Rd to Posey Lake Hwy	Crackfill, Chip Seal & Fog Seal	1.75
	5/7	Marr Hwy	Slee Rd to Stephenson Rd	Crackfill, Chip Seal & Fog Seal	1.00
	5/6	Matthews Hwy	M-50 to US-12	Crackfill, Chip Seal & Fog Seal	4.48
	6	Maumee St	City of Adrian to Parr Hwy	Crackfill, Chip Seal & Fog Seal	0.60
	9	Morenci Rd	US-127 to Ohio Line	Crackfill, Chip Seal & Fog Seal	8.19
	8	Mulberry Rd	Treat Hwy to Neuroth Hwy	Crackfill, Chip Seal & Fog Seal	3.15
	7	Pentecost Hwy	M-50 to US-12	Crackfill, Chip Seal & Fog Seal	2.58
	7	Ridge Hwy / Holloway Rd	M-50 to Rogers Hwy	Crackfill, Chip Seal & Fog Seal	5.74
	6	Riga Hwy	Weston Rd to US-223	Crackfill, Chip Seal & Fog Seal	3.16
	7	Riga Hwy	US-223 to Carroll Rd	Crackfill, Chip Seal & Fog Seal	2.03
	5	Rogers Hwy / Rouget Rd	Deerfield Rd to US-223	Crackfill, Chip Seal & Fog Seal	2.38
	8	Rome Rd	Townley Hwy to US-223	Crackfill, Chip Seal & Fog Seal	5.93
	7/8	Round Lake Hwy	US-223 to US-12	Crackfill, Chip Seal & Fog Seal	3.17
	7	Sandy Beach Rd	US-223 to Round Lake Hwy	Crackfill, Chip Seal & Fog Seal	1.82
	7	Yankee Rd	Lyons Hwy to Camburn Hwy	Crackfill, Chip Seal & Fog Seal	3.61
	Gravel				
		Carleton Rd	Benner Hwy to Pavement	Shoulder Removal & 2" 411 Limestone	2.50
		Piotter Hwy	Holloway Rd to McMahon Rd	Shoulder Removal & 2" 411 Limestone	2.01
	Culverts				
	Beecher Rd	Munson Hwy to M-34			



County Road Association
OF MICHIGAN

SCAN THE QR CODE

or visit
micountyroads.org/PA33Resources
for more information.



COUNTY ROAD AGENCY GUIDANCE

NEW SPEED LIMIT SETTING REQUIREMENTS

After several years of effort, Michigan townships and municipalities have secured support of the Michigan Legislature to amend the process for setting speed limits particularly to try and lower them based on "hazards to public safety." Public Act (PA) 33 was signed into law by the Governor in 2024. It adds a new Section 5 of MCL 257.628, governing how speed limits are set.

Section 5 allows a township or municipality to request an additional engineering and safety study from a county road agency or other qualified engineer on a specific road segment if the township/municipality disagrees with the 85th percentile speed limit previously approved by the Michigan State Police (MSP). The results of the new study may be provided to MSP and *could* result in the speed limit being lowered to no less than the 50th percentile, according to the entire PA 33 statute.

New clause added in 2024

In Section 5 of the MCL, new text was added that reads:

*"... A **speed limit** established under this section **may be set below the eighty-fifth percentile speed if an engineering and safety study demonstrates a situation with hazards to public safety that are not reflected by the eighty-fifth percentile speed, but must not be set below the fiftieth percentile speed.**"*



New language does NOT replace original law

The new PA 33 added a clause to the existing speed zone law. According to MSP, it did not rescind the previous speed zone requirements, which require final sign-off by MSP's Traffic Services Division.

Township/municipal responsibility when seeking a change

If a township or municipality opposes the current speed limit, it may request a new traffic engineering study from a county road agency. To start the process, the township/municipality must:

- Submit a formal request;
- Fully describe safety concerns not addressed in initial study;
- Propose a solution in a specific area of concern; and
- Pay for the additional traffic engineering study.

Road agencies do not make the final call

If the additional traffic safety study results in new information (e.g., driveways, number of crashes, pedestrians, traffic patterns), a county road agency must provide this to the MSP Traffic Services Division for its review. MSP may or may not change the speed limit based on this information. A county road agency may not change the speed limit or signage without the MSP traffic control order.

Scan the QR code above or visit micountyroads.org/PA33Resources for more information.

For more information contact:

County Road Association of Michigan | 101 S. Washington Sq., Ste. 200 | Lansing, MI 48893 | 517.482.1189

POLICY OF THE
BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF LENAWEE

Category: Operations

Subject: Township Project Bidding

Adopted On: March 2, 2017

The following shall constitute the township project bidding policy of the Board of County Road Commissioners of the County of Lenawee. This policy detail how township projects are bid and is intended to comply with Michigan Compiled Law §224.19c added to the County Road Law in 2015. That statute may be consulted for further detail. This policy is subject to revisions should the applicable statute be amended.

A. PAVED AND UNPAVED ROADS WITH AVERAGE DAILY TRAFFIC GREATER THAN 400 VEHICLES PER DAY.

1. Available on unpaved roads where estimated cost is more than \$25,000.00 and paved roads where estimated cost is more than \$50,000.00.
2. Available to a single township, or multiple townships where the township(s) is/are contributing 50% or more of the cost of the project.
3. The project must be located entirely within the township or townships requesting bidding and must not disrupt any existing multiple township contracts.
4. Process initiated by each township involved passing a resolution requesting the road commission to contract for the work by competitive bidding.
5. The road commission is permitted to submit a competitive bid for these projects.
6. Road Commission shall use the responsive and reasonable best value bidder process when bidding projects. "Responsive and reasonable and best value bidder" means a bidder who meets either of the following criteria:
 - a. Complies with all bid specifications/requirements and an MDOT qualified bidder for the type of road project involved; or,
 - b. Complies with all bid specifications/requirements and is determined by the road commission to be responsible based on all of the following criteria as applied to each bidder: (i) financial resources; (ii) technical capabilities; (iii) professional experience; (iv) past performance; and (v) insurance and bonding capacity.

POLICY OF THE
BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF LENAWEE

Category: Operations

Subject: Mailboxes

Adopted On: April 3, 2014

It will be the occupants' responsibility to maintain a structurally sound mail box within any Lenawee County right of way. The Road Commission will repair or replace mail boxes which are physically hit by Road Commission equipment with a standard mail box and post. Mail boxes that are not capable of withstanding the force of flying snow resulting from snow removal operations will be the occupant's responsibility to clear the snow in and around his own mail box.

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

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

Category: Operations

Subject: Open Ditch

Adopted On: April 3, 2014

Revised On: October 15, 2020

1. The Road Commission has adopted and continues to maintain an open ditch policy.
2. Anyone who intends to perform work which impacts any roadside ditch must first obtain a permit to work within the Right-of-Way and supply details and/or plans necessary for the Road Commission to evaluate the impact of the work on the roadside ditch. The proposed work will be evaluated as to whether it will adversely affect road maintenance including drainage, contributes to road deterioration or adversely affects the safety and convenience of the motoring public.
3. Any ditch that has been filled without a permit is subject to being reopened at the property owner's expense if in the Road Commission determines it has or will adversely affect road maintenance including drainage, contributes to road deterioration, or adversely affects the safety and convenience of the motoring public.
4. Nothing in this policy is intended to alter or amend the existing Road Commission requirements and permit procedures regarding the installation of driveways or driveway culverts.
5. As used in this policy terms referring to, or describing, filling of a ditch shall, without limitation, include any physical act of filling a ditch or adversely affecting the flow line of a ditch, regardless of how long the filling or alteration of flow exists, including such actions as the utilization of a ditch area as a headland.

POLICY OF THE
BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF LENAWEE

Category: Operations

Subject: Removing/Trimming of Trees/Brush in the Right of Way

Adopted On: April 3, 2014

A. GENERAL GUIDELINES.

1. Trees and brush are considered vegetation for purposes of this policy. The Road Commission generally uses the term “trees” to mean vegetation 8 inches in diameter or greater. “Brush” is defined as all vegetation 8 inches in diameter or less.
2. Trees/brush or hanging limbs which are determined by the Road Commission to be an immediate hazard to the motoring public will be removed as soon as possible.
3. Trees/brush or limbs taken down by an act of nature (wind, snow, ice, etc.) will be removed from the roadway as soon as possible by Road Commission forces.
4. Trees/brush within the right of way that are not determined by the Road Commission to be an immediate hazard to the motoring public will be removed when manpower, equipment and funding allows.
5. Any design exception or variance from this policy is in the sole discretion of the Board of County Road Commissioners.

B. CONSTRUCTION ACTIVITIES.

1. On new construction, reconstruction or any work involving ditch relocation or realignment, on any county primary road and local roads with a current or projected Average Daily Traffic count (ADT) of 750 or more; all trees and brush within the limits of the right of way will be removed. In areas where the right of way is greater than 33 feet either side of the centerline, all trees and brush shall be removed within the first 33 feet.
2. On roads with an ADT of less than 750 that are being constructed, reconstructed or which involve ditch realignment or relocation, trees may be cleared to a *minimum* distance of 10 feet from the edge of the traveled portion of the roadway.
3. On federal or state funded projects, the extent of tree/brush removal will conform with the applicable federal and state requirements.
4. Property owners must notify the Road Commission if they want the wood that is cut.

C. MAINTENANCE ACTIVITIES.

1. Trees/brush or hanging limbs which are determined by the Road Commission to be an immediate hazard to the motoring public will be removed as soon as possible.
2. Trees/brush will be cut as close to the ground as practical along residential property.
3. Trees/brush within the right of way that are not an immediate safety hazard to motorists will be removed when manpower, equipment and funding allows.
4. (a) Brush cutting includes the removal of roadside vegetation, brush, trees and tree limbs which interfere with motorists, restrict vision, affect the safety of vehicles using the road or where removal is necessary for proper maintenance of the road.

(b) Trees/brush of any diameter may be removed during brush cutting operations in order to achieve the objectives required for the safety and convenience of motorists. Brush cutting is generally performed from the edge of the roadway to a sufficient distance beyond the top of the ditch back slopes to provide proper maintenance of the roadside drainage.

(c) Where no drainage of any kind exists, brush cutting is generally performed to a definitive tree line or the bottom of the slope from the roadway.

(d) These limits may be extended whenever safety of motoring public is jeopardized.

(e) Limbs which overhang the traveled portion of the roadway will be trimmed from above the roadway and cut flush with the tree trunk or primary limb.

D. CITIZEN REQUESTS FOR TREE REMOVAL.

1. Property owners may request the removal of trees or brush within the road right of way. Road Commission staff will review the request and if the tree/brush is determined by the Road Commission to be an immediate hazard to the motoring public or vision obstruction, the tree/brush will be removed as soon as practical.
2. Otherwise, the location of the tree will be placed on a list to be removed as resources permit. As the number of trees to be removed always exceeds yearly budget resources, this list is continually updated and prioritized. The length of time a tree has been on the list is not the only criteria for removal. Many other factors are considered when prioritizing trees for removal including, but not limited to, upcoming road projects, tree condition, proximity to the traveled portion of the road, removal cost and available maintenance budget.
3. If there are buildings, utilities or other obstructions close to the tree/brush to be removed that may be difficult for the Road Commission to complete, the property owner will need to hire a contractor to do the work. If the work does need to be hired

out, the property owner and/or the contractor must apply for and receive an approved permit for working in the right of way from the Road Commission.

4. The property owner must notify the Road Commission if they desire to keep the wood from any tree/brush removal.
5. Property owners requesting removal of trees must enter into a written agreement with the Road Commission for such removal.

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

POLICY OF THE
BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF LENAWEE

Category: Operations

Subject: Signs In The Right Of Way

Adopted On: April 3, 2014

The Michigan Manual for the Uniform Code of Traffic Control Devices (MMUTCD) is followed exclusively by the Road Commission. The MMUTCD provides that any unauthorized sign placed on the highway right of way by a private organization or individual constitutes a public nuisance. Section 615 of the Michigan Motor Vehicle Code (MCL 257.615), empowers the Road Commission to remove all unauthorized signs from the road right of way under its jurisdiction.

No unauthorized signs are permitted in the right of way under the jurisdiction of the Lenawee County Road Commission.

Any such signs found within the right of way, especially those which obstruct vision or pose a hazard to the motoring public, are subject to removal without notice.

Any signs removed shall be held for thirty (30) days at the Road Commission facility in Adrian.

To retrieve a sign, the owner must contact the Road Commission to determine if the sign is still in possession of the Road Commission. If it is, the sign will be returned to the owner.

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

POLICY OF THE
BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF LENAWEE

Category: Operations

Subject: Winter Maintenance

Adopted On: April 3, 2014

The Lenawee County Road Commission does not have a bare pavement policy. When winter maintenance is performed on county roads, the Road Commission concentrates its sand/salt mix applications mainly on paved intersections, hills and curves. The other portions of the county road system are snowplowed, however, drivers can and should expect to encounter random icy spots and should adjust their speed accordingly. This policy is designed to provide the best service possible for all users. However, unpredictable storms, weather conditions and limited financial resources make it impossible for the Road Commission to ensure absolutely clear roads at all times.

Procedures to implement this policy are reviewed on an annual basis by Road Commission staff

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

POLICY OF THE
BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF LENAWEE

Category: Operations

Subject: Private Utilities in the Right Of Way

Adopted On: April 3, 2014

It is the policy of the Lenawee County Road Commission not to allow private utilities – such as septic, sanitary, water, phone, electric, cable, etc., - within the right of way under the jurisdiction of the Lenawee County Road Commission.

Special cases may be considered if all of the following conditions are satisfied:

1. The utility shall be located entirely on the applicant's property if possible for all runs parallel to the road centerline.
2. If the private utility must cross a public road, the crossing shall be perpendicular to the road centerline and the applicant shall own the property on both sides of the road.
3. Construction of the utility shall meet all conditions required by the Road Commission in granting the applicant a permit to install the utility in the right of way.
4. The proposed utility shall not conflict with any other utility or proposed utilities in the right of way.
5. A Utility License Agreement shall be signed by the property owner and the Road Commission and the agreement shall be recorded with the Lenawee County Register of Deeds. The agreement shall provide that the property owner is responsible for all maintenance, repairs and restoration. It shall also provide that the property owner is responsible for the full cost of relocation of the utility if necessary for any reason in the future because of road maintenance or construction.
6. The property owner is responsible for reporting and maintaining the utility on the Miss Dig system.

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

POLICY OF THE
BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF LENAWEE

Category: Operations

Subject: Road Improvement Guidelines

Adopted On: April 3, 2014

The Board of County Road Commissioners of the County of Lenawee ("Board") strives to maintain and improve the county road system as much as road funding allows. This policy serves as a guideline for maintaining, improving and constructing roads within Lenawee County by establishing minimum pavement and grade widths for various types of maintenance and construction activities.

A. DEFINITIONS

Grade Width – Means the total width of lanes and shoulders in a road segment.

Hard Surface Pavement – Concrete, hot mix asphalt, cold mix asphalt and seal coat surfaces.

Heavy Maintenance – Pertains to work required to improve an existing road by improving grade, drainage, width, alignment and surface conditions as well as hard surfacing of gravel roads. Heavy maintenance includes rebuilding of existing bridges or grade separations and the repair of such structures by strengthening or replacing piers and abutments. The initial signing of newly constructed roads, major resigning of projects and installation, replacement or improvement of traffic signals are also included under heavy maintenance. These types of projects have a typical design life from 15 to 20 years. Heavy maintenance typically includes, but is not limited to:

1. Adding three (3) or more inches of gravel to a gravel road.
2. Placing a hard surface on a gravel road, this includes applying a double seal coat over a gravel road.
3. All work normally included in a road rehabilitation or reconstruction project, including the removal of existing road bed and structures.
4. Rebuilding short sections of roadway to super-elevate curves, improve grades, lengthen horizontal curves and improve sight distances.
5. Resurfacing a bituminous or concrete surface with bituminous material greater than two (2) inches.
6. Surfacing shoulders with materials of higher quality than adjacent roadsides.
7. Installing new or replacing existing culverts, storm sewers and catch basins on an existing road.
8. Extending existing culverts and rebuilding headwalls.

Pavement Width – That part of the roadway that is a hard surface and is measured from edge of pavement to edge of pavement.

Routine Maintenance – The work required to keep the road, road base, surface and drainage in good repair; prevent damage by water or wind; repair and paint bridges and guard rail; provide for safe and convenient travel by keeping signs, signals, and pavement marking in good condition and by snow and ice removal and cleaning of the road surface. These types of projects have a service life of from a few months to three (3) years.

Routine maintenance typically includes, but is not limited to:

1. Resurfacing or seal coating an existing hard surface road with less than ¾ inches of hard surfacing material.
2. Crack sealing.
3. Fog sealing.
4. Patching and repairing the road surface.
5. Isolated paving or zone paving.
6. Cross slope correction wedging.
7. Removing high shoulders and berms.
8. Adding less than three (3) inches of gravel to a gravel road.
9. Re-establishing existing drainage.
10. Mowing and tree removal.

Preventive Maintenance – Work performed on generally structurally sound pavement usually in the form of a surface treatment, intended to preserve the pavement, retard future deterioration and maintain or improve the functional condition without substantially increasing the structural capacity. Preventive maintenance may extend the road surface life from five (5) to seven (7) years.

Preventive maintenance typically includes, but is not limited to:

1. Overlaying an existing hard surface road with one (1) course of bituminous material from greater than ¾ of an inch up to two (2) inches in thickness.
2. May include other items of Routine Maintenance such as patching and wedging in preparation for Preventative Maintenance.

B. MINIMUM PAVEMENT AND GRADE WIDTH GUIDELINES.

1. The following minimum guidelines apply only to a heavy maintenance project with a service life of greater than ten (10) years.
2. The minimum guidelines do not apply to routine or preventative maintenance projects.

Existing Hard Surface and Gravel Roads: The table below sets forth the minimum pavement and grade widths for existing hard surface and gravel roads.

Traffic Count	0-750 vehicles	751-2000	Greater than 2000
Min. Pavement Width	20 feet	22 feet	22 feet
Min. Grade Width	24 feet	28 feet	32 feet

1. To hard surface an existing gravel road, the minimum pavement and grade width shall be as stated above.
2. Projects that include adding 3 or more inches of gravel to a gravel road will require a minimum 20 foot grade width.
3. Existing grade widths may be maintained on all projects consisting of adding less than 3 inches of gravel to a gravel road.

New Roads Within Residential Subdivisions: New Roads within residential subdivisions shall be designed and built in accordance with the Board's current "Standards and Procedures for Developing Public Roads."

Design Variance. The Board may grant a design variance. Any variance that is requested shall first be reviewed by Road Commission staff who will provide information and a recommendation to the Board for review. Each variance is evaluated on a case by case basis and the Board's final decision shall not be interpreted as setting precedent.

7. Within 15 days of the deadline for receiving bids, the road commission must:
 - a. Determine which bids are qualified and those that are not qualified;
 - b. Clearly mark all bids as qualified or not qualified; and,
 - c. Transmit all bids to the township board(s) at least 30 days before awarding a contract to a qualified bidder.

B. PAVED AND UNPAVED ROADS WITH AVERAGE DAILY TRAFFIC OF 400 OR FEWER VEHICLES PER DAY. (Very Low-volume Local Road)

1. Available to a single township, or multiple townships where the township(s) is/are contributing 50% or more of the cost of the project.
2. The project must be located entirely within the township or townships requesting bidding and must not disrupt any existing multiple township contracts.
3. Process initiated by each township involved passing a resolution requesting the road commission to contract for the work by competitive bidding.
4. Project specifications shall at a minimum comply with standards adopted by the American Association of State Highway and Transportation Officials for very low-volume roads.
5. Standards greater than those mandated in Paragraph 4, may only be required if approved by the township board(s).
6. Project(s) will be competitively bid pursuant to the provisions of A (6) & (7) of this policy.

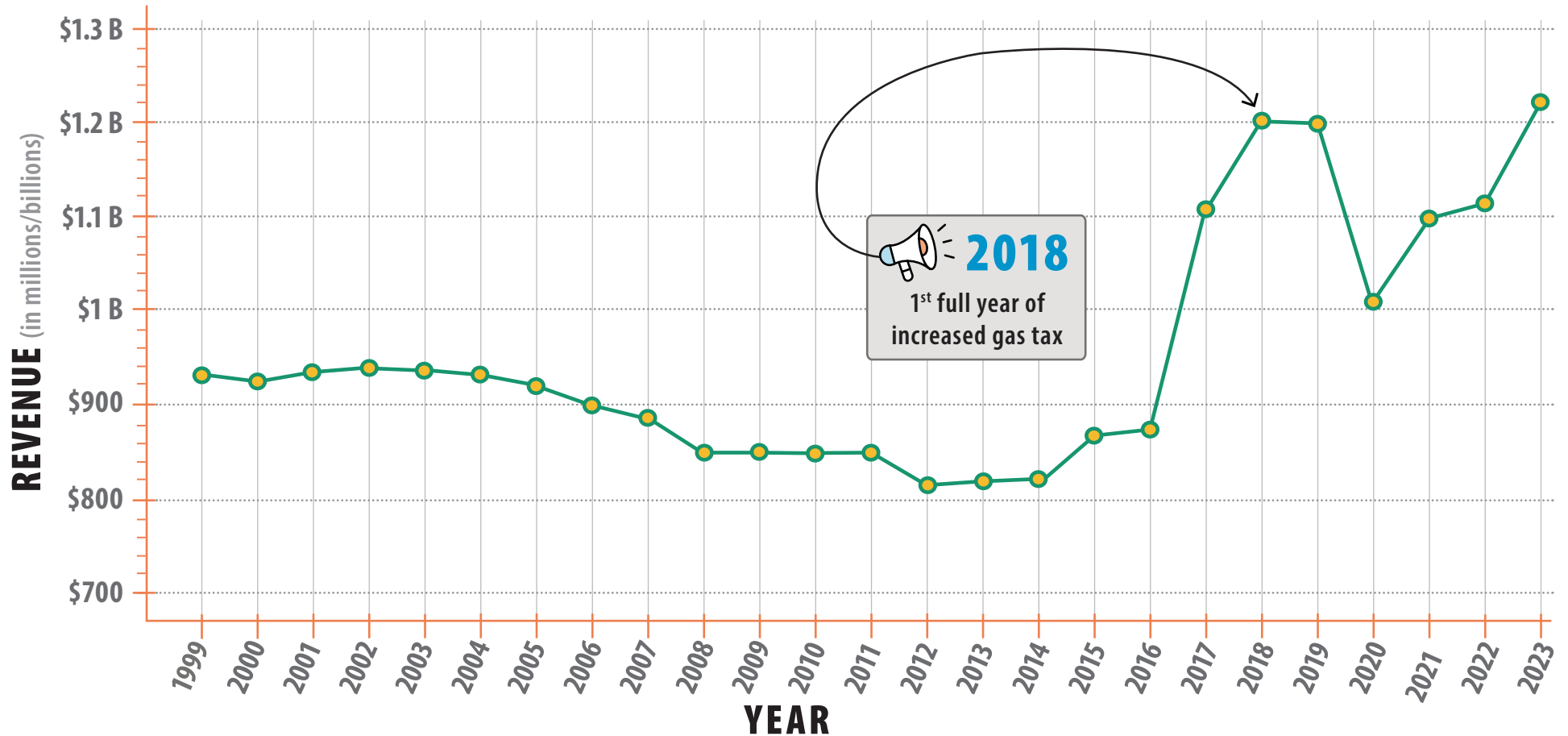
C. GENERAL PROVISIONS.

1. The township will complete a permit to work in the road right of way. The current permit fee in 2017 is \$25.
2. Provide the road commission with a deposit of \$3,000 to oversee all design and construction. This is an estimated fee if an additional amount is spent the road commission would bill the township, any unused amount would be returned to the township.
3. The township would hire an engineer who is prequalified in the appropriate category within MDOT to develop plans and specifications. The road commission would review the engineer's proposal for completeness and provide comments to the township as needed. The road commission would review and approve all plans and specifications.

4. The engineer would set up a preconstruction meeting to be attended by the engineer, contractor, township, road commission, and utilities if required. The engineer shall provide a copy of the meeting minutes to all in attendance.
5. The contractor would start work in accordance with the approved progress schedule. The engineer who is prequalified in the appropriate category within MDOT would provide on-site construction inspection of the project and keep a project file for review by the road commission when the project is completed. Material testing will be completed by a company who is prequalified in the appropriate category within MDOT.
6. The engineer would notify the road commission that the project was complete and submit the project files to the road commission for review.
7. The road commission would review the project file including but not limited to the inspectors daily reports, material slips, and testing reports. Any deficiencies discovered during this review must be corrected before the road commission will accept the project as final and complete. Once the road commission accepts the project as final and complete, final payment will be made to the contractor.



MICHIGAN TRANSPORTATION FUND REVENUE FROM GAS TAX



YEAR	REVENUE FROM GAS
1999	\$931,031,100
2000	\$921,991,100
2001	\$933,494,000
2002	\$938,911,800
2003	\$935,671,700

YEAR	REVENUE FROM GAS
2004	\$932,139,700
2005	\$922,368,200
2006	\$906,220,700
2007	\$883,687,500
2008	\$848,864,100

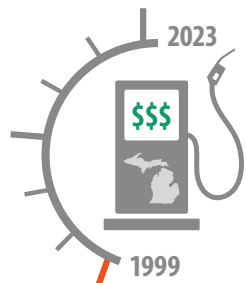
YEAR	REVENUE FROM GAS
2009	\$846,013,300
2010	\$841,658,700
2011	\$831,717,500
2012	\$818,797,700
2013	\$821,632,200

YEAR	REVENUE FROM GAS
2014	\$820,621,900
2015	\$866,609,200
2016	\$872,898,100
2017	\$1,142,610,800
2018	\$1,219,864,400

YEAR	REVENUE FROM GAS
2019	\$1,214,730,700
2020	\$1,086,857,100
2021	\$1,111,620,600
2022	\$1,177,604,900
2023	\$1,228,100,000

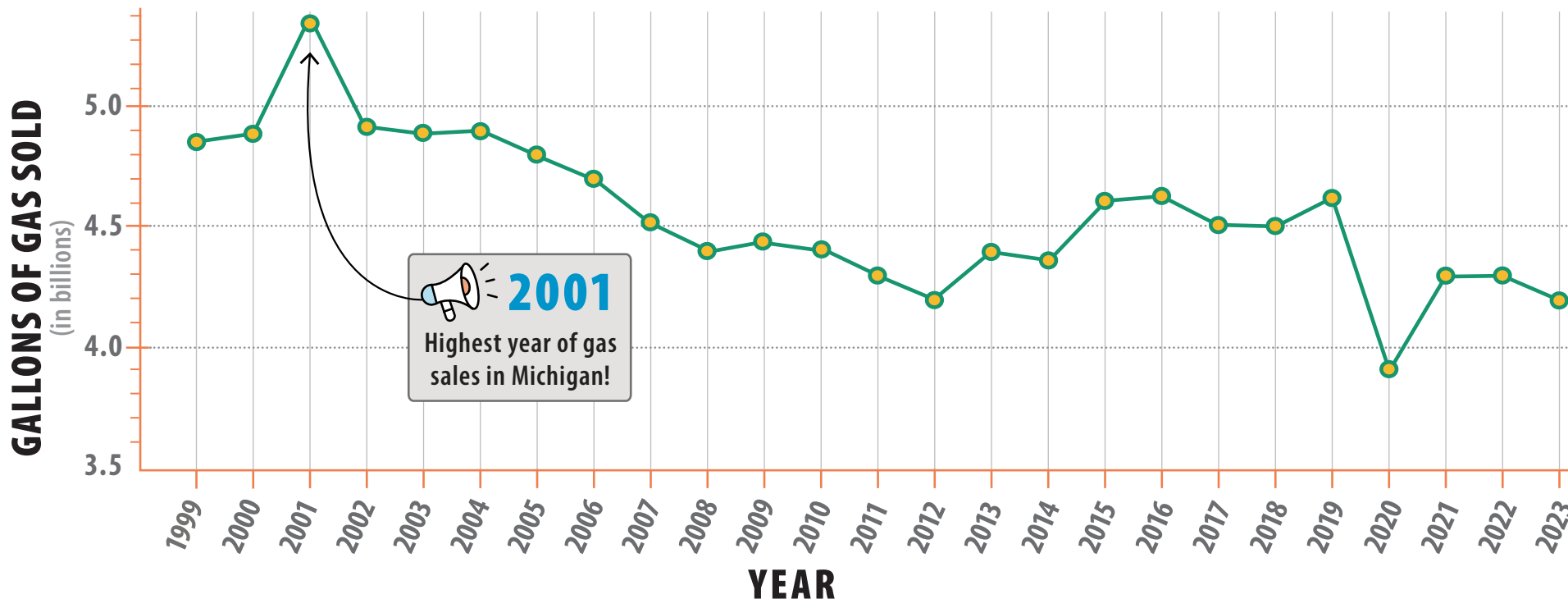
Source: Michigan House Fiscal Agency

For more information contact: County Road Association of Michigan | 101 S. Washington Square | Ste. 200 | Lansing, MI 48833 | 517.482.1189



GALLONS OF GAS SOLD IN MICHIGAN

– the effect of fuel-efficient vehicles



YEAR	GALLONS OF GAS SOLD IN MICHIGAN
1999	4,860,978,763
2000	4,886,508,503
2001	5,351,903,306
2002	4,927,056,727
2003	4,897,595,540

YEAR	GALLONS OF GAS SOLD IN MICHIGAN
2004	4,903,581,169
2005	4,842,537,642
2006	4,724,065,649
2007	4,597,978,947
2008	4,401,252,631

YEAR	GALLONS OF GAS SOLD IN MICHIGAN
2009	4,458,910,068
2010	4,422,712,705
2011	4,382,578,247
2012	4,278,407,273
2013	4,413,552,215

YEAR	GALLONS OF GAS SOLD IN MICHIGAN
2014	4,398,356,705
2015	4,659,607,573
2016	4,685,254,057
2017	4,557,143,250
2018	4,507,159,592

YEAR	GALLONS OF GAS SOLD IN MICHIGAN
2019	4,662,420,944
2020	3,974,665,173
2021	4,327,947,124
2022	4,336,287,647
2023	4,245,994,725

Source: Michigan Senate Fiscal Agency

For more information contact: [Denise Donohue](#) | County Road Association of Michigan | 101 S. Washington Square | Ste. 200 | Lansing, MI 48833 | 517.482.1189