

Welcome

Roads Committee

Meeting 3 – RCOC Projects

02/03/2020



County Roads in Novi

- **Road Commission for Oakland County (RCOC)**
 - Even Mile Roads (east-west) and Haggerty, Napier & Novi (8 to 12) (north-south), Grand River
 - Strategic Planning, bi-annual
 - 10 Mile, 12 Mile
- **Wayne County Roads Division**
 - 8 Mile (Center to Haggerty)
- **Maintenance**
 - Agreements with RCOC for Snow Removal and Street Sweeping for non-border County roads in Novi
 - Nothing with Wayne County

Roadway Jurisdiction

City of Novi, Michigan

LEGEND		
City of Novi-Local	Oakland County	Railroad
City of Novi-Major	Wayne County	Lakes
City of Novi-Private	State	Parks
Novi Township	City of Northville	City of Novi
City-Shared (Northville)	City of Wixom	Novi Township



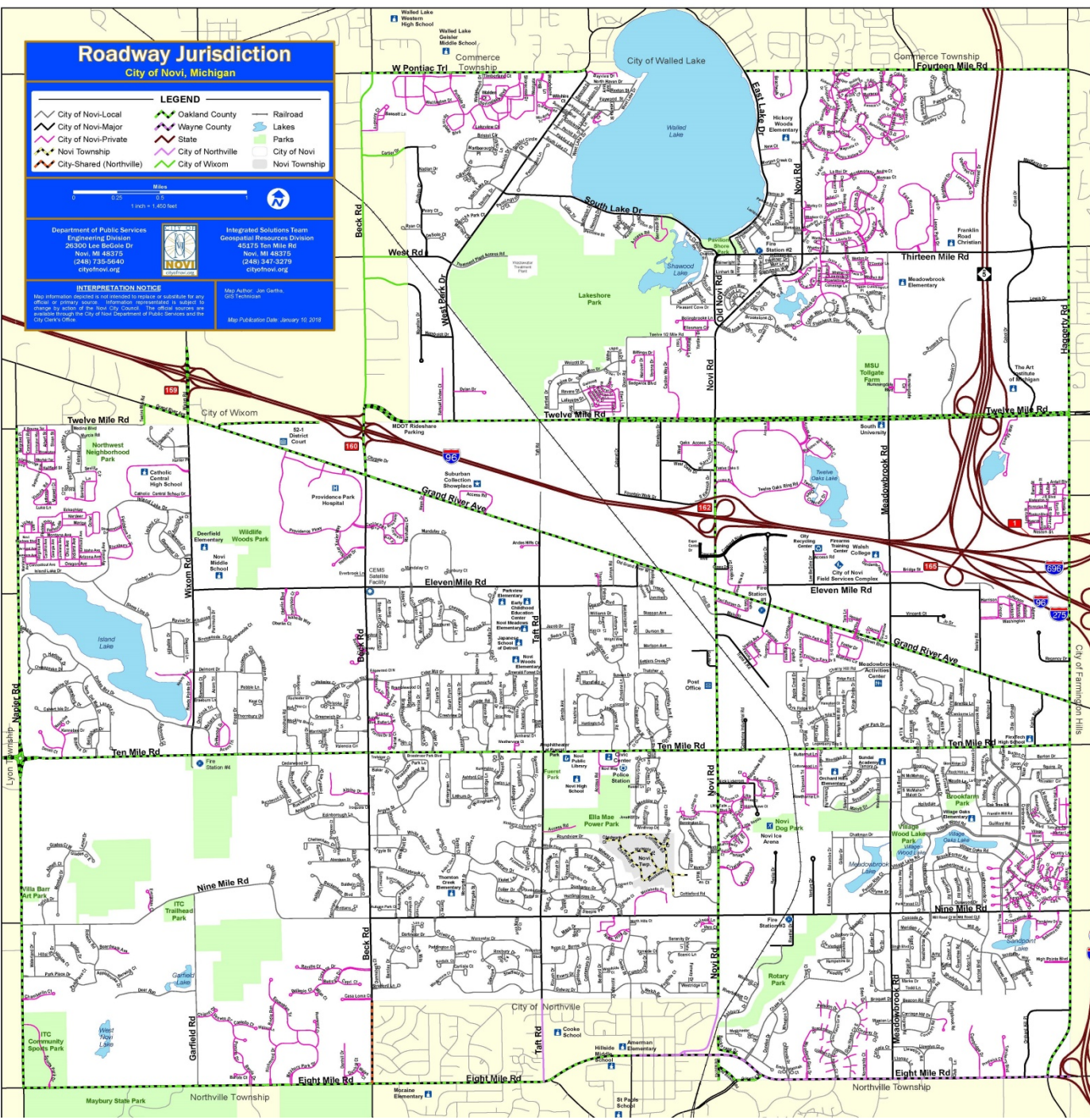
Department of Public Services
Engineering Division
26300 Lee BeGole Dr
Novi, MI 48275
(248) 735-5640
city@novi.org



Integrated Solutions Team
Geospatial Resources Division
46175 Ten Mile Rd
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INTERPRETATION NOTICE
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Map Author: Jon Gerlach
GIS Technician
Map Publication Date: January 10, 2018



Oakland FAC FY2022 Call For Project Submissions

SEMCOG Issued Funding Target **\$17,806,200.00**

Project Name	Limits	Submitting Agency	Points As Submitted	Points As Reviewed	Federal Share	Local Share	3R Running Total Federal Share
Pave Gravel	Various	RCOC			\$2,000,000	\$500,000	\$2,000,000
Urban to Rural Transfer	Various	RCOC			\$500,000	\$125,000	\$2,500,000
RCOC Projects	Various	RCOC			\$9,786,278	\$1,909,074	\$12,286,278
Remaining STPU Available For Cities and Villages							\$5,519,922
RRR Project Submittals from Cities and Villages							
Walton Road	West City Limits to Baldwin Rd	City of Pontiac	67.00	67.00	\$2,344,240	\$586,060	\$2,344,240
Berg Road	Eight Mile Road to Simmons Road	City of Southfield	63.00	63.00	\$1,355,460	\$338,865	\$3,699,700
Decker Road	14 Mile Rd to E West Maple Rd	City of Walled Lake	63.00	63.00	\$1,089,169	\$272,292	\$4,788,869
Shiawassee Road	Eight Mile Road to Inkster Road	City of Southfield	62.00	62.00	\$771,984	\$192,996	\$5,560,852
NB NW Service Drive	Bell Road to Telegraph Road	City of Southfield	60.00	60.00	\$839,411	\$209,853	\$6,400,263
Wixom Road	790' South of Grand River to South City Limit	City of Novi	59.00	59.00	\$1,294,024	\$323,506	\$7,694,287
14 Mile Road	Drake Rd to Farmington Rd	City of Farmington Hills	58.00	58.00	\$1,257,929	\$314,482	\$8,952,217
Taft Rd	Ten Mile Rd to South City Limit	City of Novi	58.00	58.00	\$955,643	\$238,911	\$9,907,860
Orchard Lake Road	US-24 to West of Voorheis St	City of Pontiac	57.00	57.00	\$934,147	\$233,537	\$10,842,007
Farmington Road	12 Mile Rd to 13 Mile Rd	City of Farmington Hills	57.00	57.00	\$964,903	\$241,226	\$11,806,910
Farmington Road	13 Mile Rd to 14 Mile Rd	City of Farmington Hills	57.00	57.00	\$867,967	\$216,992	\$12,674,877
Taylor Road	Joslyn Rd to Giddings Rd	City of Auburn Hills	57.00	57.00	\$559,452	\$139,863	\$13,234,329
11 Mile Road	Farmington Rd to Orchard Lake Rd	City of Farmington Hills	56.00	56.00	\$754,581	\$188,645	\$13,988,910
Rochester Road*	Main St to 14 Mile Rd	City of Royal Oak	56.00	55.00	\$3,125,411	\$1,339,462	\$17,114,321
N Milford Road	Abbey Lane to CSX Railroad Crossing	Village of Milford	54.00	54.00	\$526,583	\$131,646	\$17,640,904
Five Points Drive	University Dr to North Squirrel Rd	City of Auburn Hills	53.00	53.00	\$313,682	\$78,420	\$17,954,585
Shiawassee Road	Farmington Rd to Orchard Lake Rd	City of Farmington	52.00	53.00	\$530,247	\$132,562	\$18,484,832
Crooks Road*	Main St to Webster Rd	City of Royal Oak	51.00	51.00	\$1,184,859	\$507,797	\$19,669,691
Power Road	Grand River Ave to Ten Mile Rd	City of Farmington	51.00	51.00	\$267,032	\$66,758	\$19,936,723
11 Mile Road*	Troy St to Campbell St	City of Royal Oak	51.00	51.00	\$1,042,079	\$446,605	\$20,978,801
Crooks Road*	Webster Rd to 13 Mile Rd	City of Royal Oak	51.00	51.00	\$648,601	\$227,972	\$21,627,403
West Nine Mile Road	Republic Ave to Pincrest Dr	City of Ferndale	60.00	50.00	\$420,511	\$105,128	\$22,047,914
Hamlin Road*	515 ft east of Adams Rd to 380 ft west of Crooks Rd	City of Rochester Hills	49.00	49.00	\$1,396,124	\$598,339	\$23,444,038
Ladd Road	W West Maple Rd to North City Limits	City of Walled Lake	48.00	48.00	\$320,835	\$80,209	\$23,764,873

Approved 2022 Project

**More Than 20% Local Match. Federal share is locked.*

1/22/2019

FY2022 Total Requests \$23,764,873

2021-2022 RCOC Project List

TIP Year	Project Name	Limits	Municipality	Length	Federal Share	Local Share	Total Project Cost	TOTAL POINTS	Safety Review Committee List Ranking	Safety Points	NFC Classification	NFC Points	AADT	AADT Points	Truck and Bus Counts	Truck and Bus Points	NHS	NHS Points	Points for Other Considerations
2022	Orchard Lake Road	East of Cass Lake to Pontiac City Limits	Keego Harbor, Sylvan Lake, West Bloomfield	1.36	\$2,000,000	\$500,000.00	\$2,500,000	83	11 to 25	15	Principal Arterial	20	25,000 or More	25	1,000-1,999	8	Yes	5	10
2021	Livernois Road	Avon Road to Walton Blvd	Rochester Hills	1.25	\$3,600,000	\$900,000.00	\$4,500,000	81	51 to 100	5	Principal Arterial	20	25,000 or More	25	500-999	6	Yes	5	20
2022	14 Mile Road	Stephenson to Edward	Madison Heights, Troy	0.5	\$960,000	\$240,000.00	\$1,200,000	100	Top 10	20	Principal Arterial	20	25,000 or More	25	2,000 or More	10	Yes	5	20
2022	14 Mile Road	Edward to Dequindre	Madison Heights, Troy	0.85	\$1,200,000	\$300,000.00	\$1,500,000	75	51 to 100	5	Principal Arterial	20	25,000 or More	25	2,000 or More	10	Yes	5	10
2021	12 Mile Road	Lahser to Evergreen	Southfield	0.87	\$3,500,000	\$875,000.00	\$4,375,000	71	51 to 100	5	Principal Arterial	20	20,000 to 24,999	20	500-999	6	Yes	5	15
2022	Pontiac Trail	Haggerty to Green Lake	West Bloomfield	1.19	\$1,300,000	\$325,000.00	\$1,625,000	71	Below 100	0	Principal Arterial	20	20,000 to 24,999	20	500-999	6	Yes	5	20
2022	12 Mile Road	Farmington to Orchard Lake Road	Farmington Hills	1.1	\$1,400,000	\$350,000.00	\$1,750,000	69	26 to 50	10	Principal Arterial	20	25,000 or More	25	250-499	4	Yes	5	5
2021	Walton Road	Dixie to Sashabaw	Waterford	0.7	\$2,500,000	\$625,000.00	\$3,125,000	64	Below 100	0	Principal Arterial	20	15,000 - 19,999	15	250-499	4	Yes	5	20
2021	Maple Road	Inkster to Franklin	Bloomfield Hills	1.4	\$2,000,000	\$500,000.00	\$2,500,000	61	51 to 100	5	Principal Arterial	20	15,000 - 19,999	15	500-999	6	Yes	5	10
	Maple Road	Orchard Lake to Middlebelt	West Bloomfield	±	\$1,280,000	\$320,000.00	\$1,600,000	54	26 to 50	10	Principal Arterial	20	10,000 to 14,999	10	250-499	4	Yes	5	5
	Pontiac Trail	Arrowhead to Orchard Lake	West Bloomfield	±.55	\$3,500,000	\$875,000.00	\$4,375,000	51	Below 100	0	Principal Arterial	20	15,000 - 19,999	15	500-999	6	Yes	5	5
	10-Mile Road	Evergreen to Southfield	Southfield	0.96	\$1,900,000	\$475,000.00	\$2,375,000	49	Below 100	0	Minor Arterial	15	10,000 to 14,999	10	250-499	4	No	0	20
	Adams Road	Long Lake to Square Lake	Bloomfield Township, Troy	±.04	\$1,200,000	\$325,000.00	\$1,625,000	46	Below 100	0	Principal Arterial	20	15,000 - 19,999	15	500-999	6	Yes	5	—
	Grand River Ave	Napier to Wixom	Wixom	1.05	\$2,200,000	\$550,000.00	\$2,750,000	46	51 - 100	5	Minor Arterial	15	20,000 - 24,999	20	500-999	6	No	0	-
2022	Novi Road	9 Mile to 10 Mile	Novi	0.9	\$1,500,000	\$375,000.00	\$1,875,000	46	Below 100	0	Principal Arterial	20	15,000 - 19,999	15	500-999	6	Yes	5	-
	Maple Road	Middlebelt to Inkster	West Bloomfield	±	\$1,200,000	\$300,000.00	\$1,500,000	44	Below 100	0	Principal Arterial	20	15,000 - 19,999	15	250-499	4	Yes	5	—
	Novi Road	8 Mile to 9 Mile	Novi	1.03	\$1,700,000	\$425,000.00	\$2,125,000	39	Below 100	0	Principal Arterial	20	10,000 to 14,999	10	250-499	4	Yes	5	-
	Brown - Giddings - Silverbell	Jamm to M-24	Orion Township, Auburn Hills	2.35	\$11,200,000	\$2,800,000.00	\$14,000,000	38	Below 100	0	Minor Arterial	15	15,000 - 19,999	15	1,000-1,999	8	No	0	-
	Middlebelt Road	Northwestern Highway to 14 Mile	Farmington Hills	0.68	\$1,400,000	\$350,000.00	\$1,750,000	36	Below 100	0	Minor Arterial	15	15,000 - 19,999	15	500-999	6	No	0	-
	10-Mile Road	I-75 Service Drive to Dequindre	Hazel Park	±.29	\$2,400,000	\$600,000.00	\$3,000,000	24	Below 100	0	Major Collector	10	10,000 to 14,999	10	250-499	4	No	0	—

Selected projects (2021)
 Selected projects (2022)
 Repairs from non-federal funds.

Tentative FY2022	
Fiscal Year Target	\$17,806,200
31% Cities and Villages	\$5,519,922
69% RCOC	\$12,286,278
Safety Intersection Improvements	\$1,686,278
RCOC Set Asides*	\$2,300,000
Remaining available for RCOC projects	\$8,300,000
Projects Selected Total	\$8,360,000

*RCOC Set asides include \$2 Million for paving gravel and a transfer of \$500,000 for urban to rural.

Scoring System

Safety	NFC Classification	AADT	Truck & Bus Counts	NHS	Other Considerations	TOTAL POSSIBLE POINTS
Top 10	Principal Arterial	25,000 or more	2,000 or more	Yes	Points Available	100
11 to 25	Minor Arterial	20,000-24,999	1,000 - 1,999	No	20	
26 to 50	Major Collector	15,000-19,000	500-999		Points are awarded based on local participation, pavement condition, project scheduling to minimize traffic impacts, mobilization factors, regional equity, public input, etc.	
51 to 100	Minor Collector	10,000-14,999	250-499			
Below 100	Local	5,000-9,999	100-249			
		0-4,999	Less than 100			



10 Mile Schedule Update - OHM

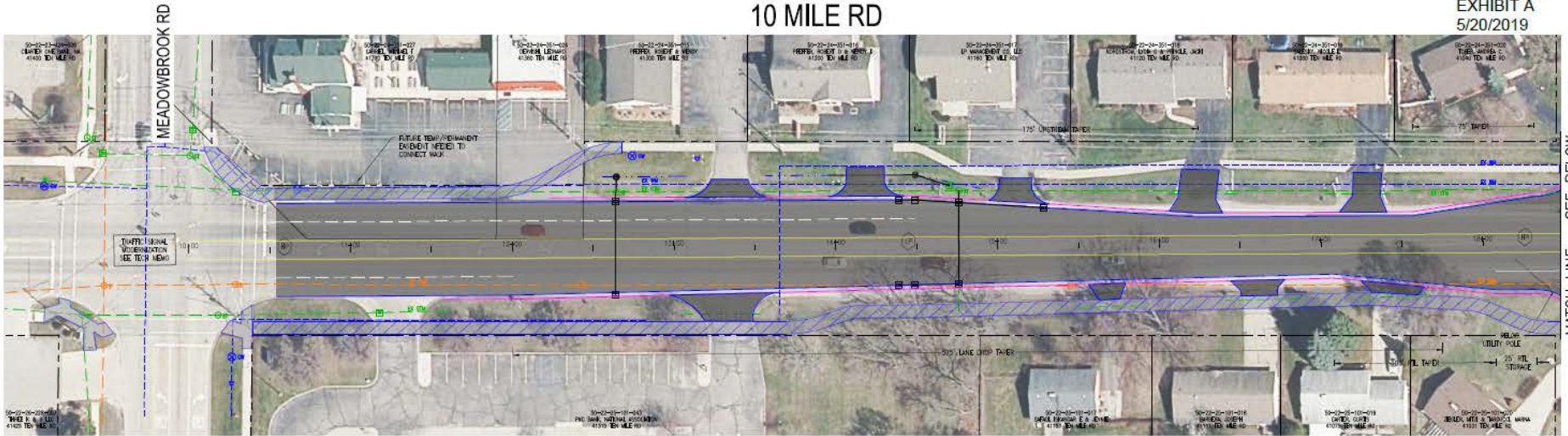
- **OHM Survey** **Jan 2020**
- **Design** **2020**
 - Estimated \$500K (\$250 City share)
- **Construct** **2021**
 - Estimated \$5.5M (City share \$500K) ½ federal match \$1M
- **Payback** **2024**
 - Fronted funds become available

*non-motorized portion is not participating funds and costs will be covered by the City estimated at \$1.5M

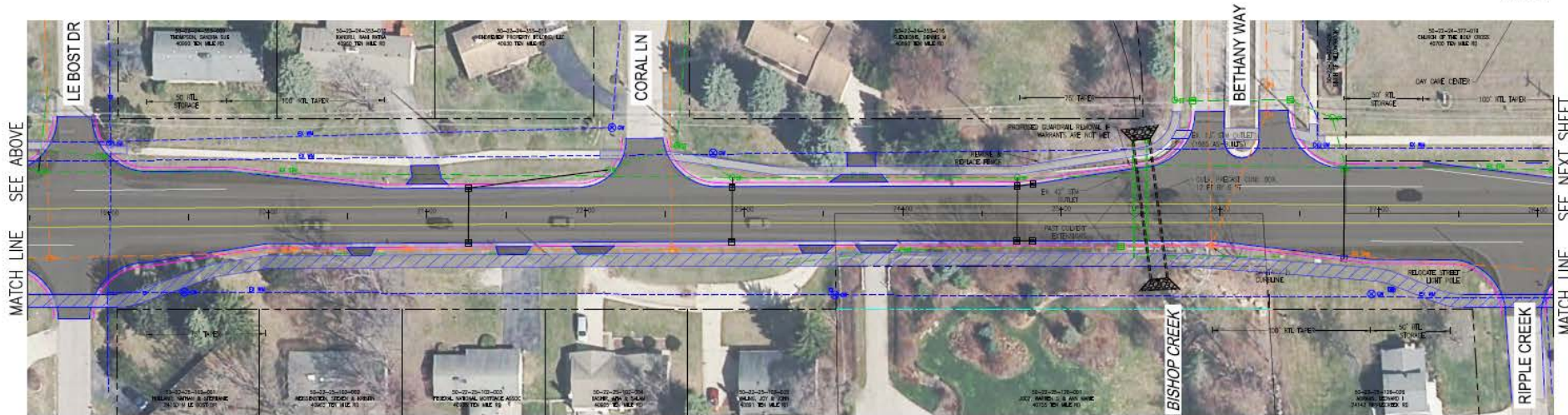
10 Mile Road Exhibits

10 MILE RD

EXHIBIT A
5/20/2019



SCALE: 1" = 60'
(11x17)

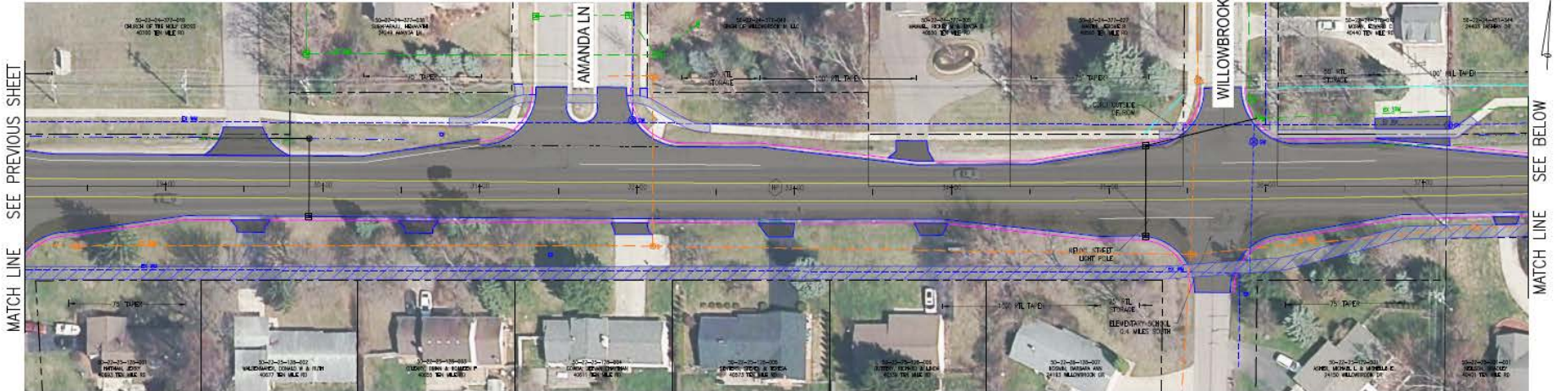


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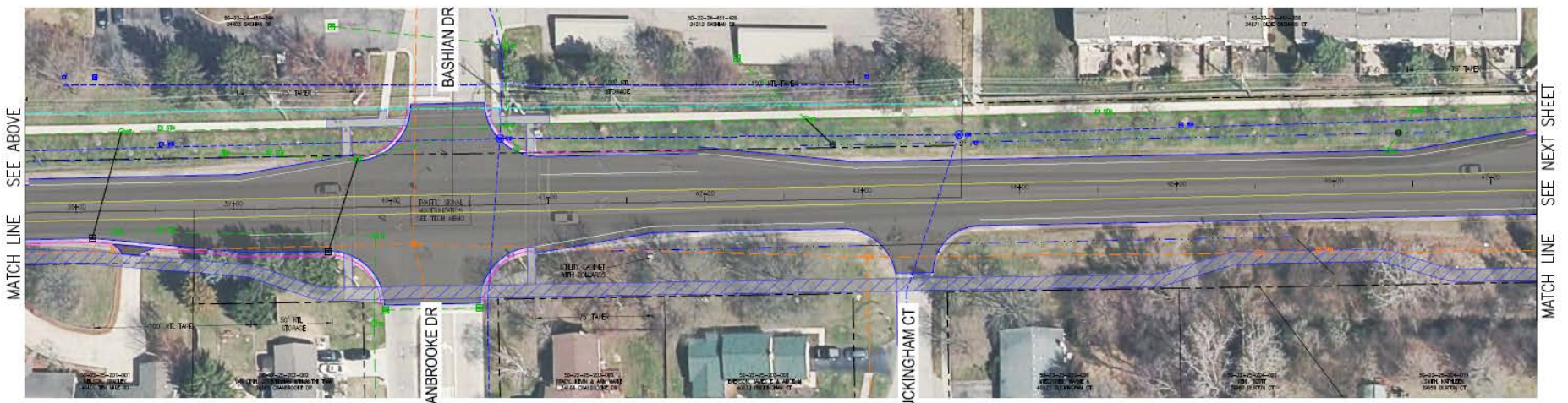
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| | EXISTING ROW | | PROPOSED ROADWAY | | PROPOSED EDGE OF PAVEMENT | | PROPOSED DITCH CENTERLINE |
| | PROPERTY LINE | | PROPOSED WALK | | PROPOSED EDGE OF GRAVEL | | PROPOSED STORM SEWER |
| | PROPOSED HIGHWAY EASEMENT | | PROPOSED FUTURE PATHWAY | | | | |

10 MILE RD

EXHIBIT A
5/20/2019



SCALE: 1" = 60'
(11x17)



LEGEND

- | | | | | | | | |
|--|---------------------------|--|-------------------------|--|---------------------------|--|---------------------------|
| | EXISTING ROW | | PROPOSED ROADWAY | | PROPOSED EDGE OF PAVEMENT | | PROPOSED DITCH CENTERLINE |
| | PROPERTY LINE | | PROPOSED WALK | | PROPOSED EDGE OF GRAVEL | | PROPOSED STORM SEWER |
| | PROPOSED HIGHWAY EASEMENT | | PROPOSED FUTURE PATHWAY | | PROPOSED BACK OF CURB | | |



10 MILE RD

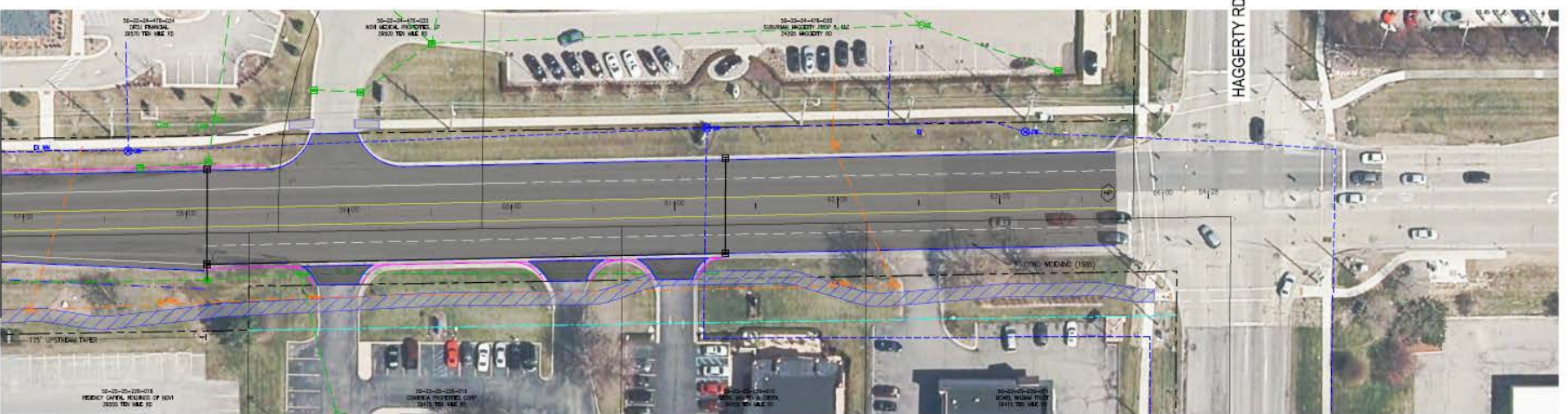
MATCH LINE SEE PREVIOUS SHEET

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SCALE: 1" = 60'
(11x17)

MATCH LINE SEE ABOVE



LEGEND

- EXISTING ROW
- PROPERTY LINE
- PROPOSED HIGHWAY EASEMENT
- PROPOSED ROADWAY
- PROPOSED WALK
- PROPOSED FUTURE PATHWAY
- PROPOSED EDGE OF PAVEMENT
- PROPOSED EDGE OF GRAVEL
- PROPOSED BACK OF CURB
- PROPOSED DITCH CENTERLINE
- PROPOSED STORM SEWER

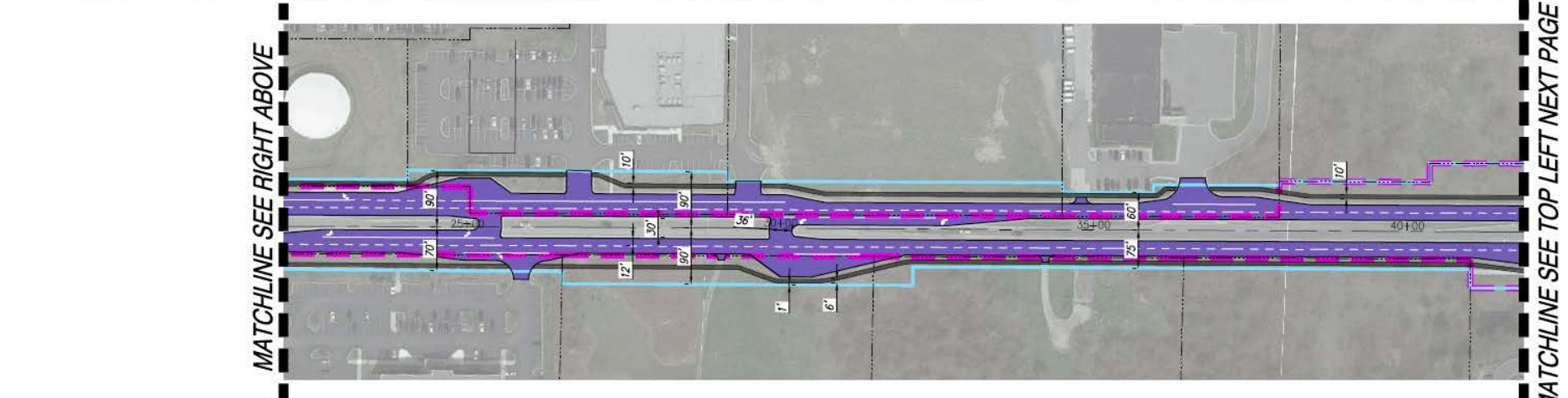
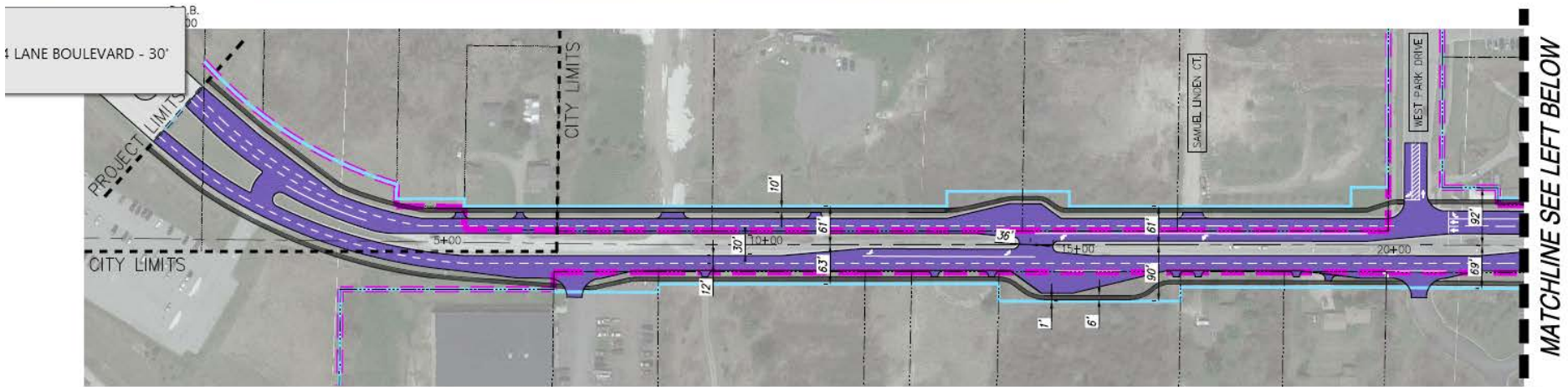


12 Mile Road Schedule Update - SDA







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|---|------------------------|
| ▪ City/MDOT Progress Meeting | Jan 29, 2020 |
| ▪ Public Information Meeting | Feb-March, 2020 |
| ▪ Draft (EA) Environmental Assess | June, 2020 |
| ▪ Review Period MDOT/FHWA | June-Dec, 2020 |
| ▪ Federal Highway Admin | |
| ▪ Public Review Request/Hearing | Feb-March, 2020 |
| ▪ Submit FONSI | May, 2020 |
| ▪ Finding of No Significant Impact | |
| ▪ Acquire Final FHWA Approval | August, 2021 |

*no funding identified in the Transportation Improvement Plan yet

12 Mile Road Improvements – 4 LANE BOULEVARD – 30' MEDIAN



LEGEND

	PROPOSED PAVEMENT		EXISTING PAVEMENT		150' PROPOSED RIGHT-OF-WAY		EXISTING RIGHT-OF-WAY		PROPOSED SIDEWALK		APPROX. PROPERTY LINES
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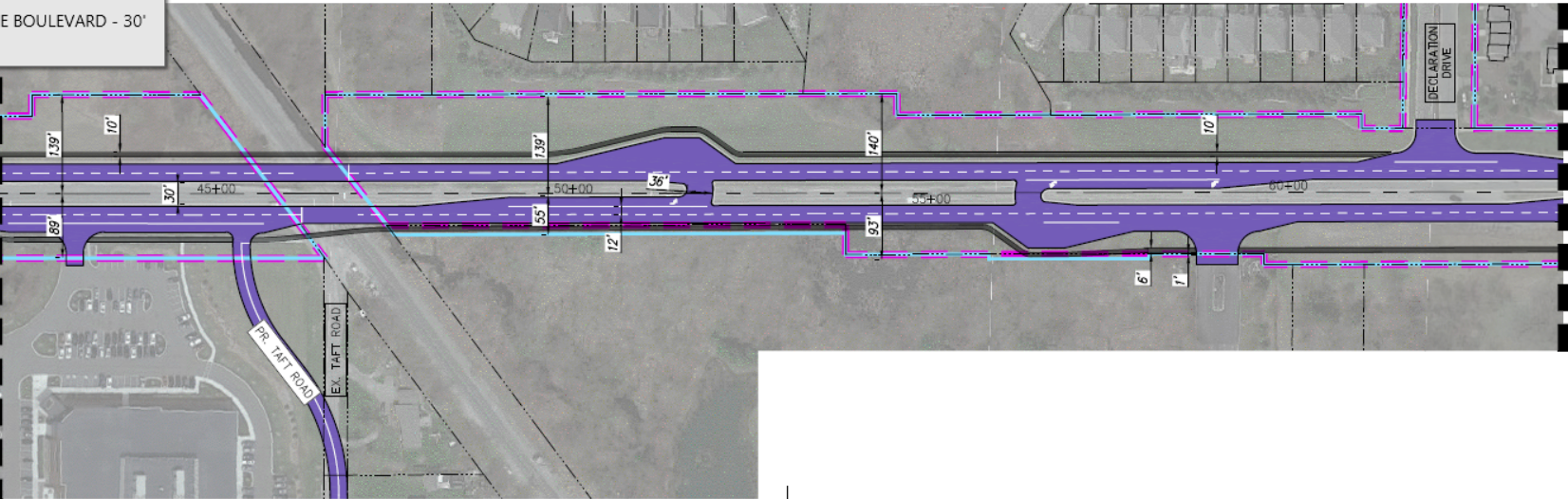


12 Mile Road Improvements – 4 LANE BOULEVARD – 30' MEDIAN

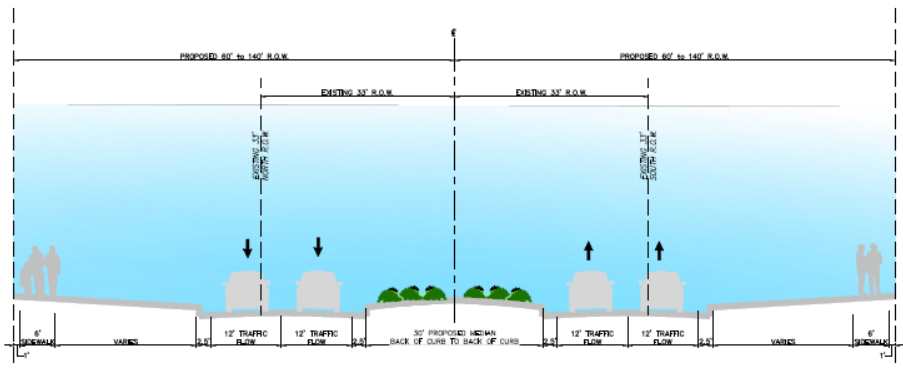
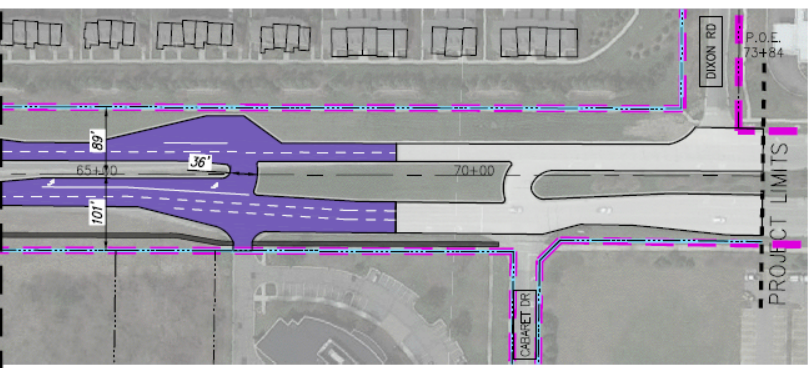
Improvements - 4 LANE BOULEVARD - 30'

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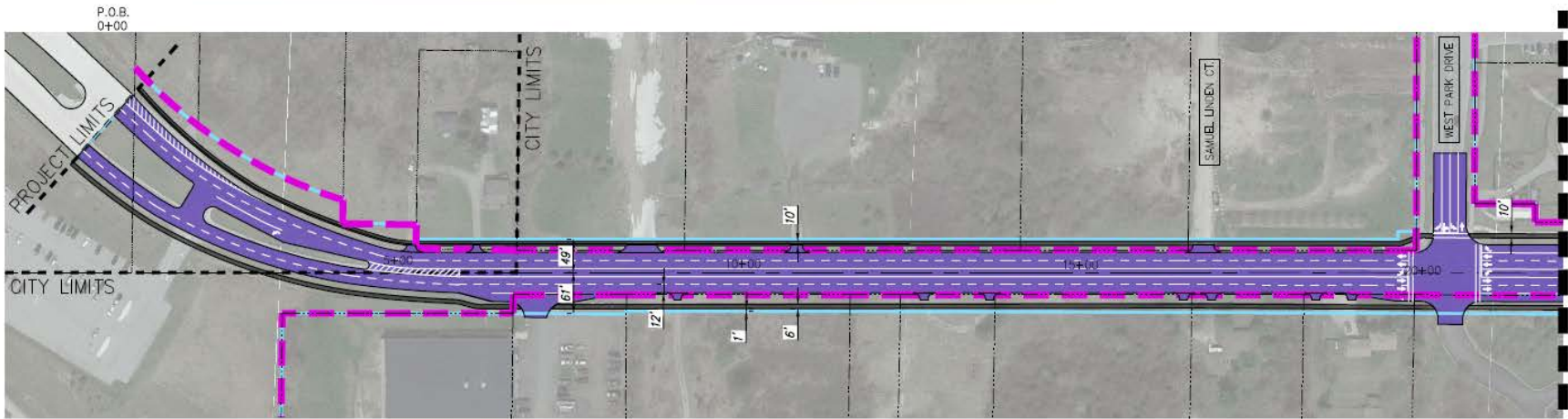


LEGEND

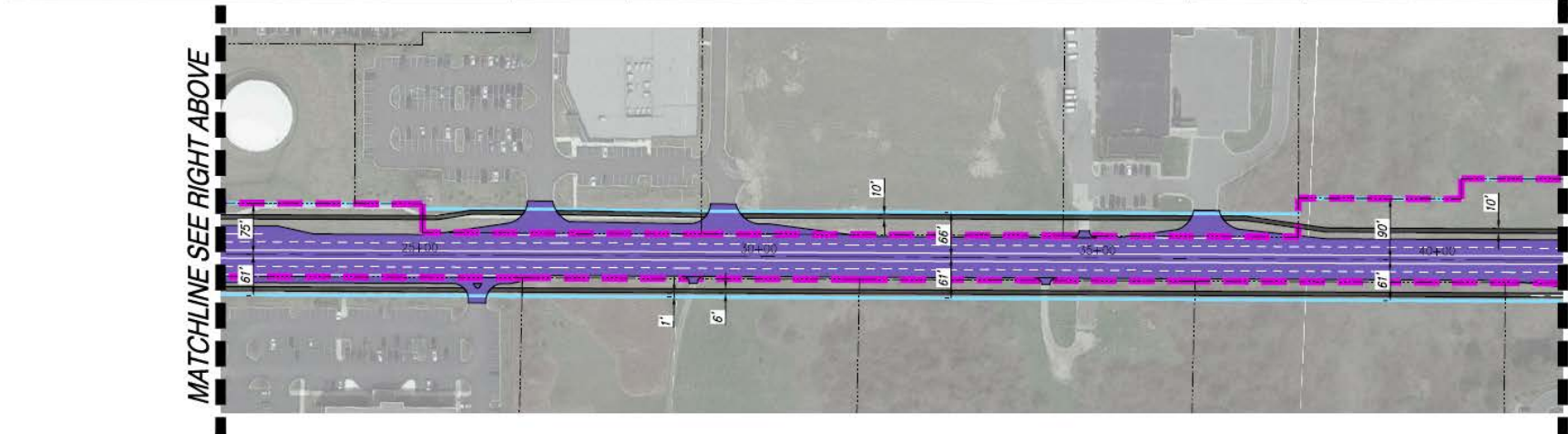
- PROPOSED PAVEMENT
- EXISTING PAVEMENT
- 150' PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- PROPOSED SIDEWALK
- APPROX. PROPERTY LINES



12 Mile Road Improvements – 5 Lane Road









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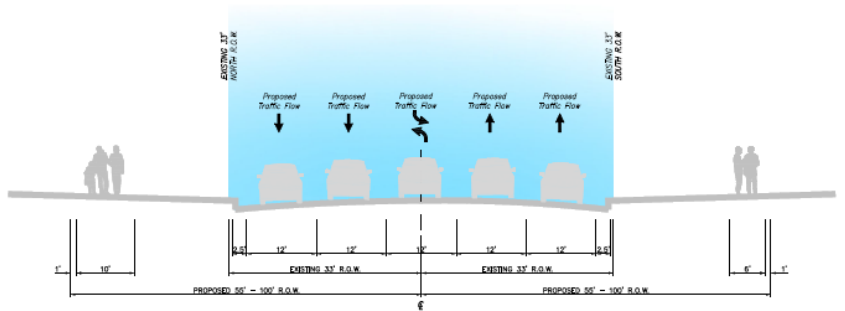
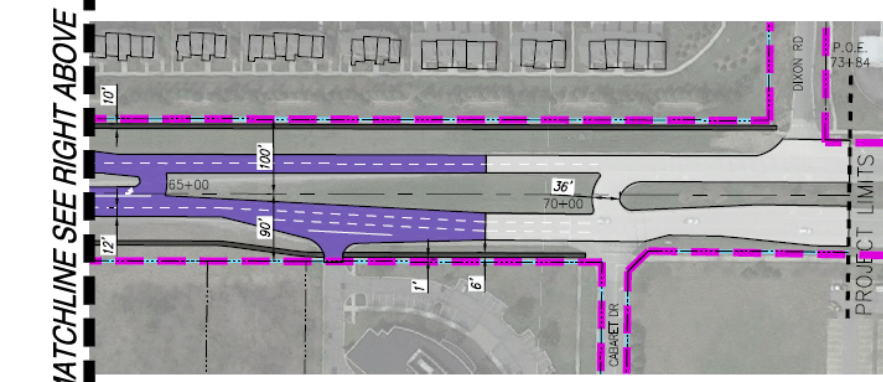
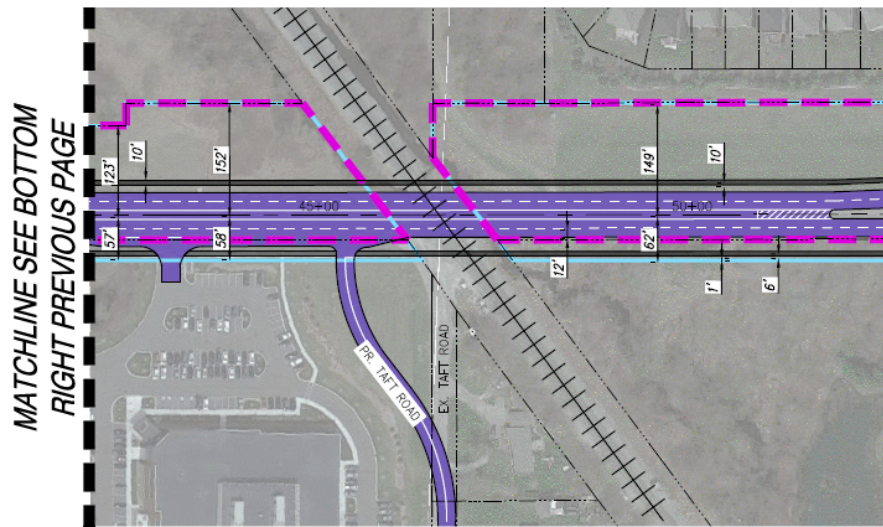
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LEGEND

	PROPOSED PAVEMENT		EXISTING PAVEMENT		150' PROPOSED RIGHT-OF-WAY		EXISTING RIGHT-OF-WAY		PROPOSED SIDEWALK		APPROX. PROPERTY LINES
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12 Mile Road Improvements – 5 Lane Road



LEGEND

- PROPOSED PAVEMENT
- EXISTING PAVEMENT
- 150' PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- PROPOSED SIDEWALK
- APPROX. PROPERTY LINES

12 Mile Road Improvements – Beck Road Intersection



LEGEND

	PROPOSED PAVEMENT		EXISTING PAVEMENT		150' PROPOSED RIGHT-OF-WAY		EXISTING RIGHT-OF-WAY		PROPOSED SIDEWALK		APPROX. PROPERTY LINES
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Questions?

