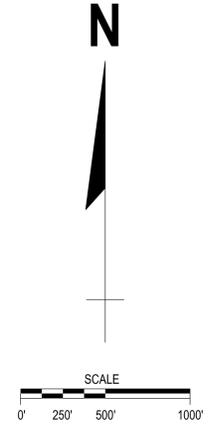
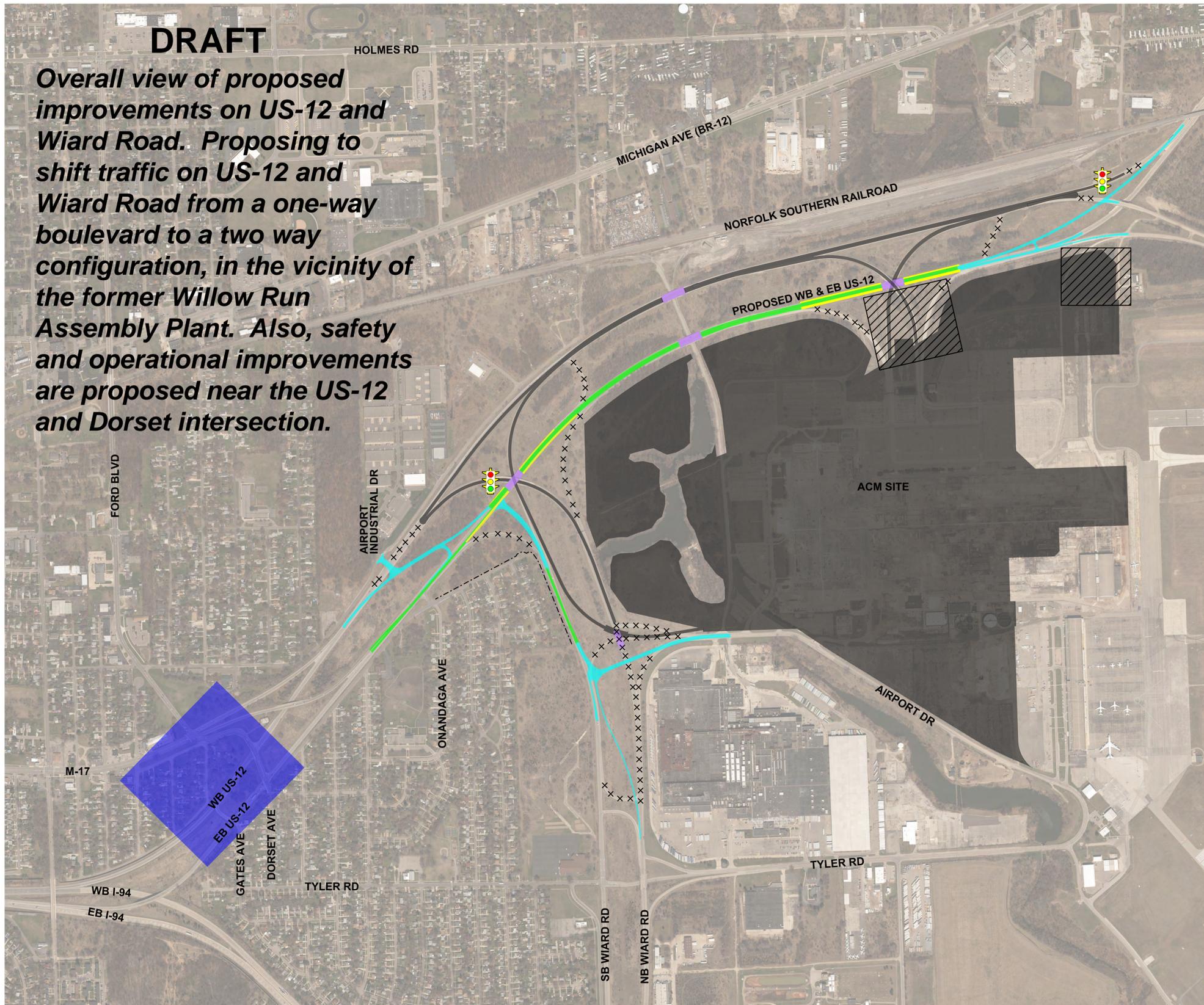


DRAFT

Overall view of proposed improvements on US-12 and Wiard Road. Proposing to shift traffic on US-12 and Wiard Road from a one-way boulevard to a two way configuration, in the vicinity of the former Willow Run Assembly Plant. Also, safety and operational improvements are proposed near the US-12 and Dorset intersection.

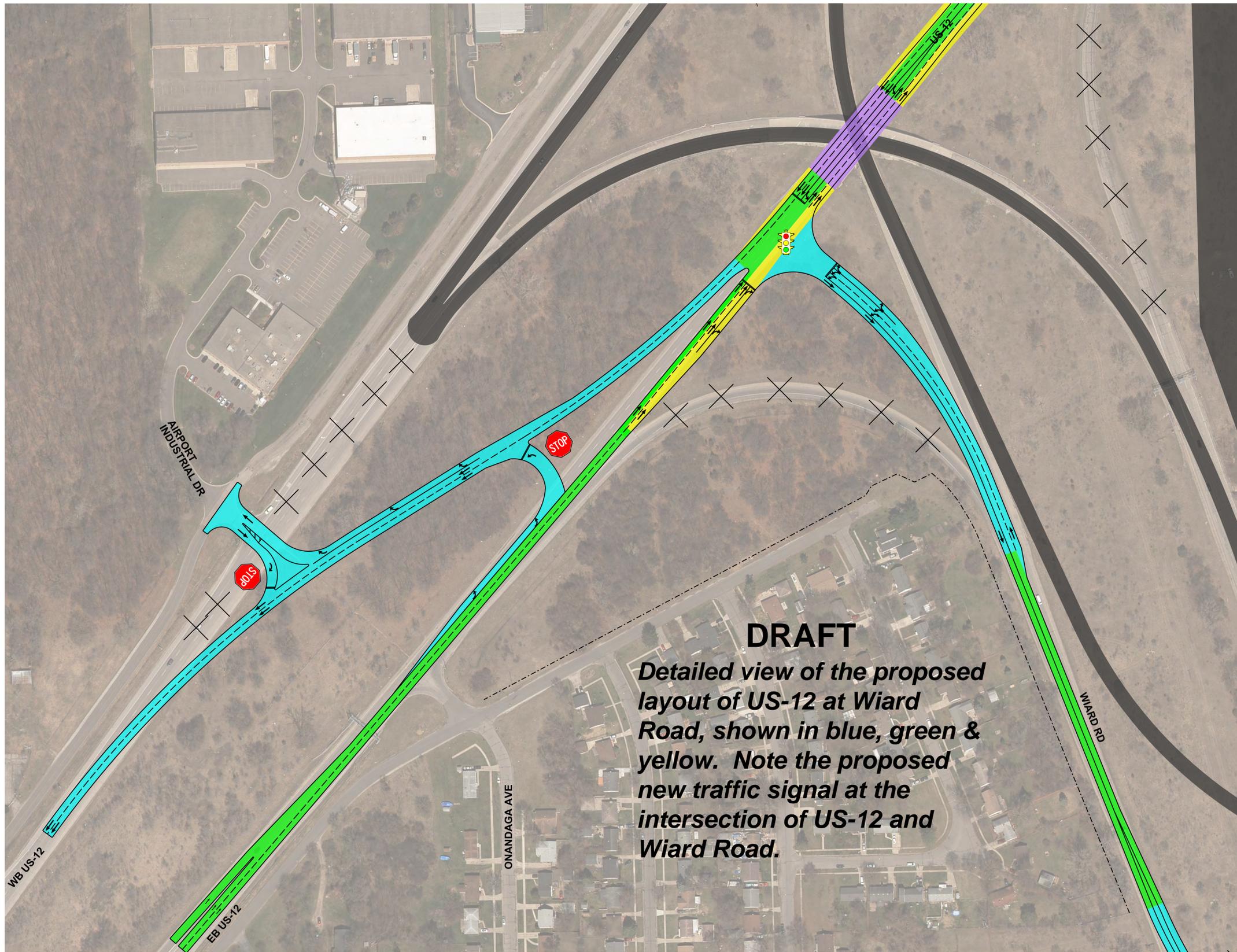


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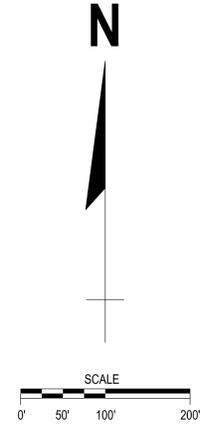
-  PROPOSED NEW ROADWAY
-  PROPOSED RESURFACING
-  PROPOSED ROAD WIDENING
-  PROPOSED BRIDGE MODIFICATIONS
-  EXISTING RIGHT OF WAY
-  PROPOSED SIGNALIZED INTERSECTION
-  PROPOSED STOP SIGN
-  TRAFFIC MOVEMENT
-  PAVEMENT REMOVAL
-  PROPOSED GATED EMERGENCY ACCESS
-  ACM USE
-  RECOMMENDED SAFETY IMPROVEMENTS US-12 AT DORSET

9/19/2016

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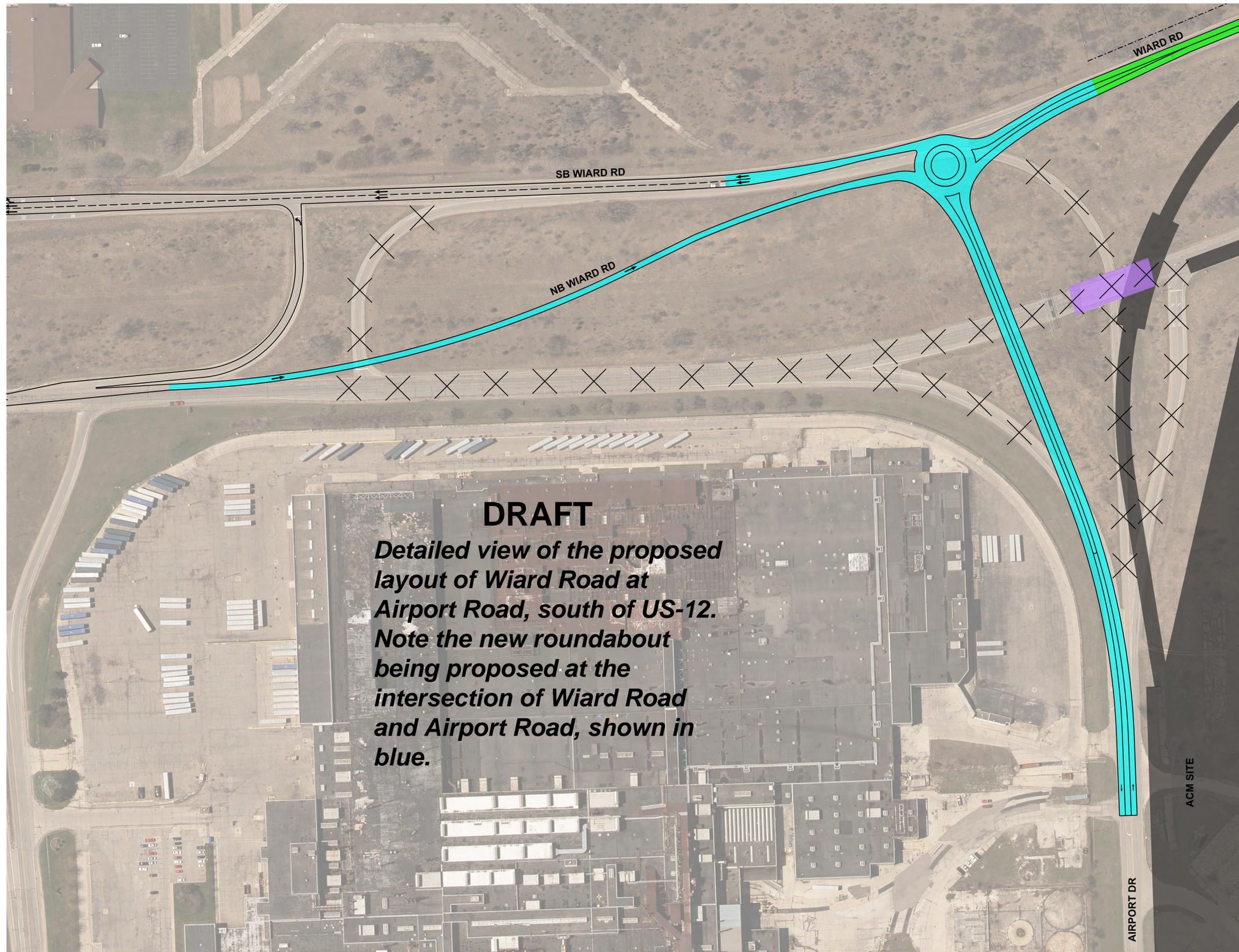
DRAFT
Detailed view of the proposed layout of US-12 at Wiard Road, shown in blue, green & yellow. Note the proposed new traffic signal at the intersection of US-12 and Wiard Road.



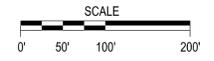
LEGEND	
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	PROPOSED RESURFACING
	PROPOSED ROAD WIDENING
	PROPOSED BRIDGE MODIFICATIONS
	EXISTING RIGHT OF WAY
	PROPOSED SIGNALIZED INTERSECTION
	PROPOSED STOP SIGN
	TRAFFIC MOVEMENT
	PAVEMENT REMOVAL
	PROPOSED GATED EMERGENCY ACCESS
	ACM USE

9/19/2016

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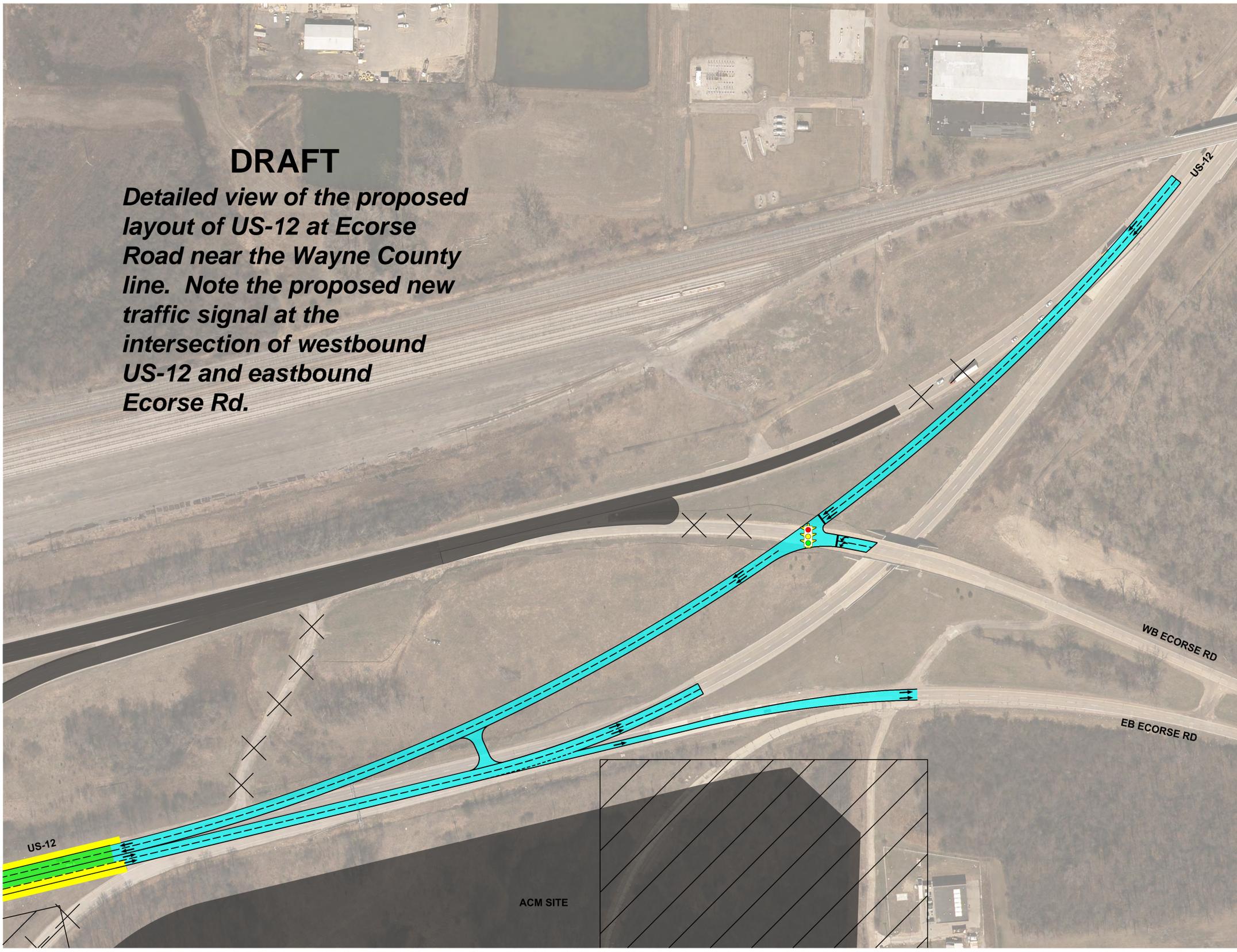
DRAFT
Detailed view of the proposed layout of Wiard Road at Airport Road, south of US-12. Note the new roundabout being proposed at the intersection of Wiard Road and Airport Road, shown in blue.



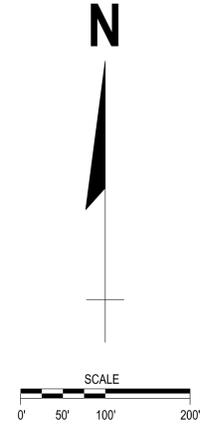
LEGEND	
	PROPOSED NEW ROADWAY
	PROPOSED RESURFACING
	PROPOSED ROAD WIDENING
	PROPOSED BRIDGE MODIFICATIONS
	EXISTING RIGHT OF WAY
	PROPOSED SIGNALIZED INTERSECTION
	PROPOSED STOP SIGN
	TRAFFIC MOVEMENT
	PAVEMENT REMOVAL
	PROPOSED GATED EMERGENCY ACCESS
	ACM USE

9/19/2016

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DRAFT
Detailed view of the proposed layout of US-12 at Ecorse Road near the Wayne County line. Note the proposed new traffic signal at the intersection of westbound US-12 and eastbound Ecorse Rd.



LEGEND	
	PROPOSED NEW ROADWAY
	PROPOSED RESURFACING
	PROPOSED ROAD WIDENING
	PROPOSED BRIDGE MODIFICATIONS
	EXISTING RIGHT OF WAY
	PROPOSED SIGNALIZED INTERSECTION
	PROPOSED STOP SIGN
	TRAFFIC MOVEMENT
	PAVEMENT REMOVAL
	PROPOSED GATED EMERGENCY ACCESS
	ACM USE

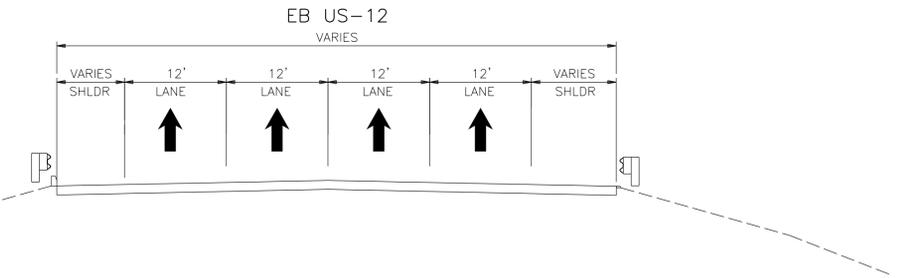
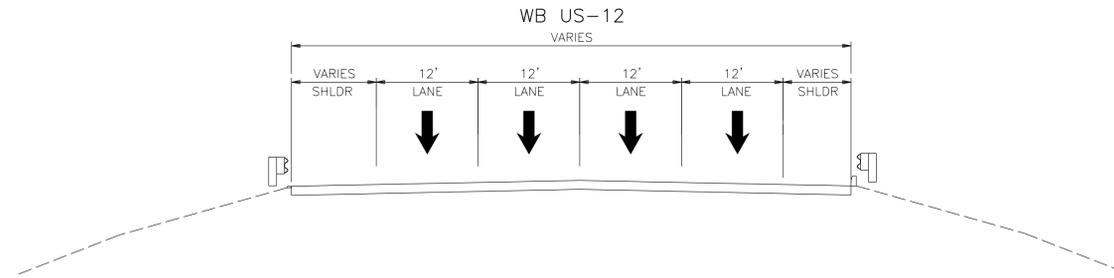


PROPOSED PUBLIC ROADWAY MODIFICATIONS
 US-12 & ECORSE ROAD
 WILLOW RUN



PROPOSED CROSS SECTIONS

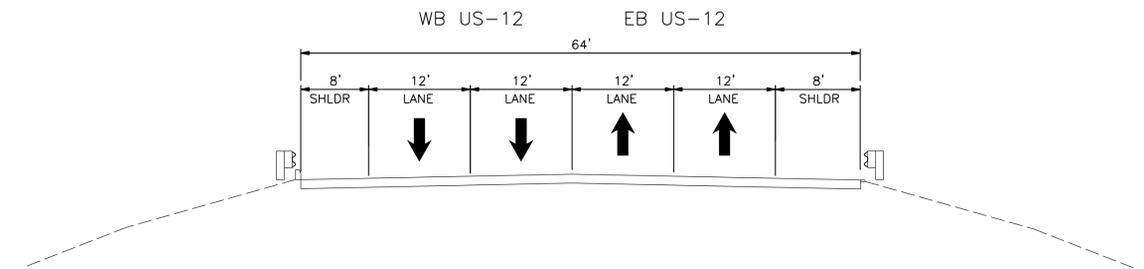
YPSILANTI TWP, MICHIGAN



US-12 EXISTING CROSS SECTION

DRAFT

Proposed roadway sections on US-12 in front of the former Willow Run Assembly plant showing two lanes maintained in each direction of US-12 on the current eastbound roadbed.



US-12 PROPOSED CROSS SECTION

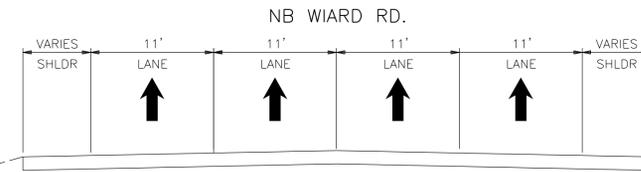
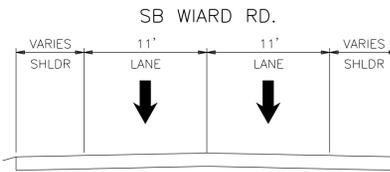


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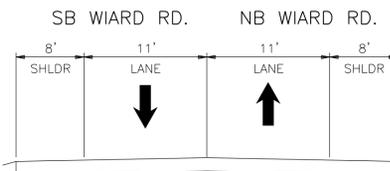
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PROPOSED CROSS SECTIONS

YPSILANTI TWP, MICHIGAN



WIARD RD EXISTING CROSS SECTION



WIARD RD PROPOSED CROSS SECTION

DRAFT

Proposed roadway sections on Wiard Road in front of the former Willow Run Assembly plant showing one lane maintained in each direction of Wiard Road on the current southbound roadbed.

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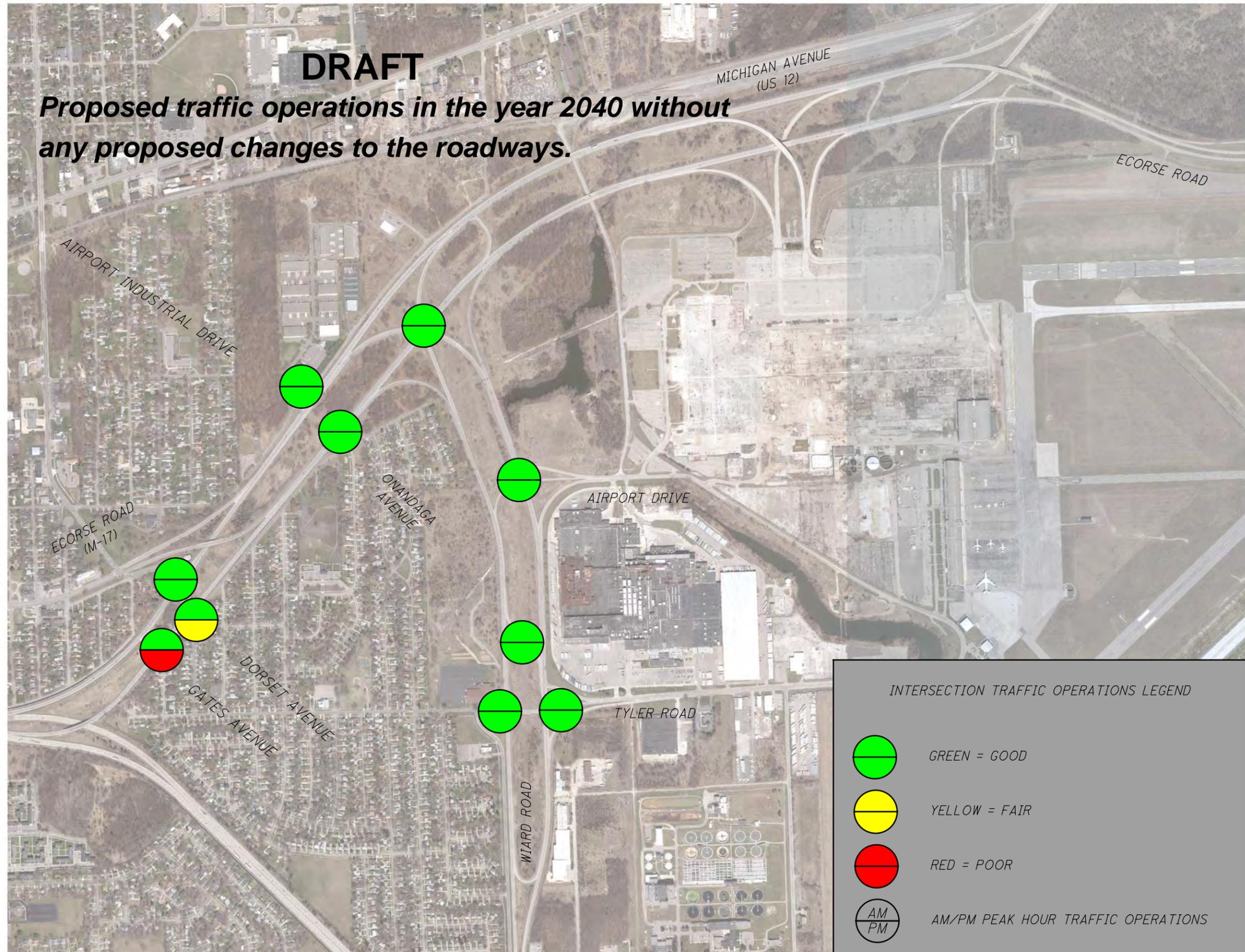
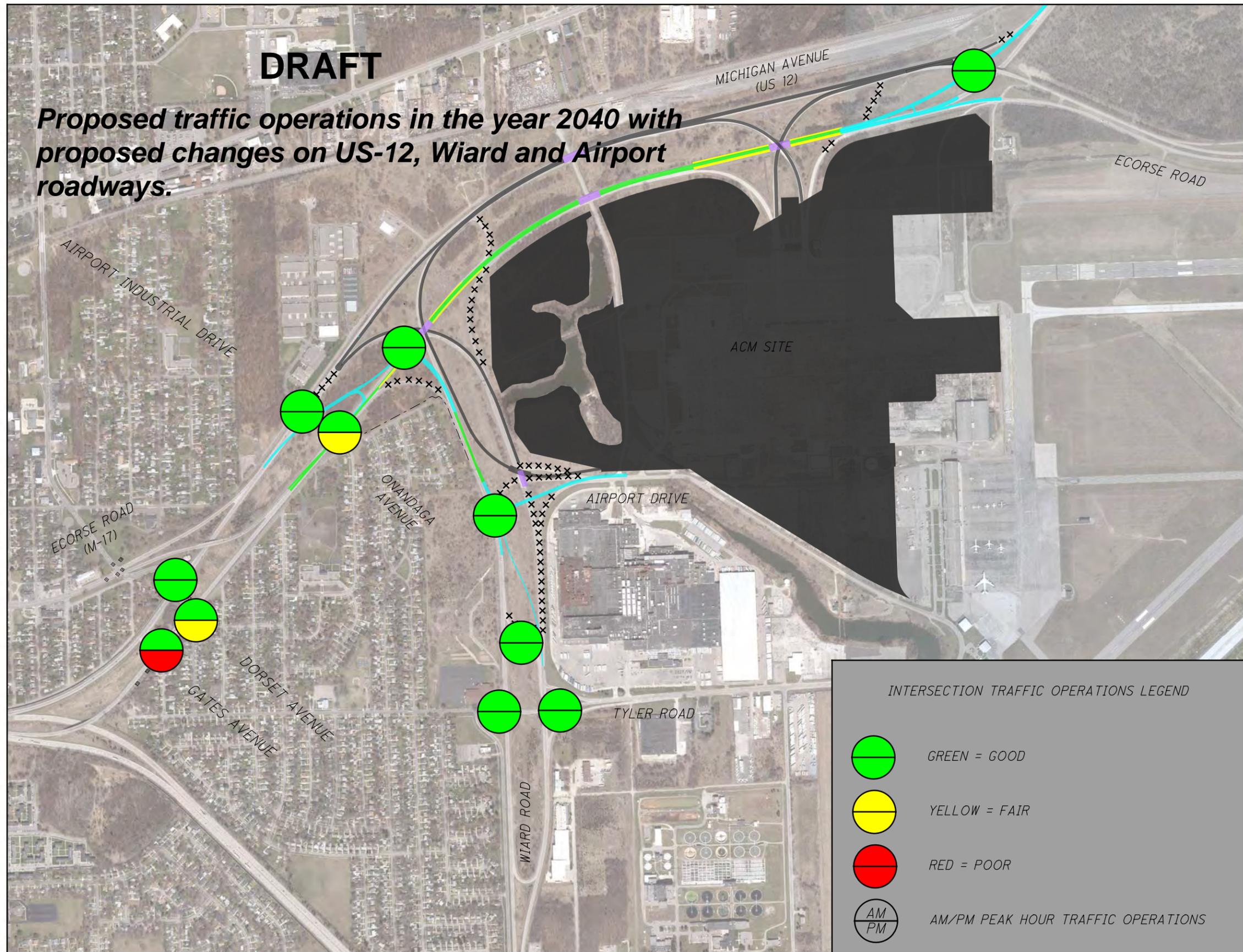
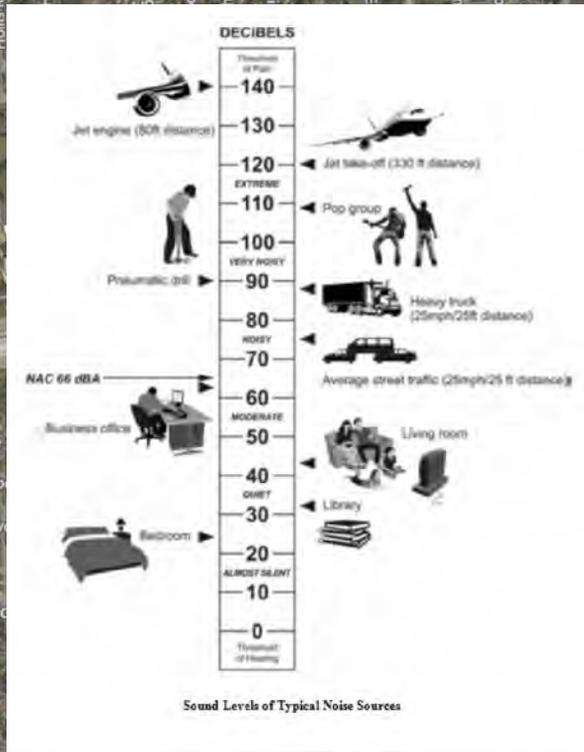


FIGURE 1 2040 NO BUILD INTERSECTION TRAFFIC OPERATIONS
AT US-12, WIARD ROAD, AIRPORT ROAD, AND ECORSE ROAD
WILLOW RUN

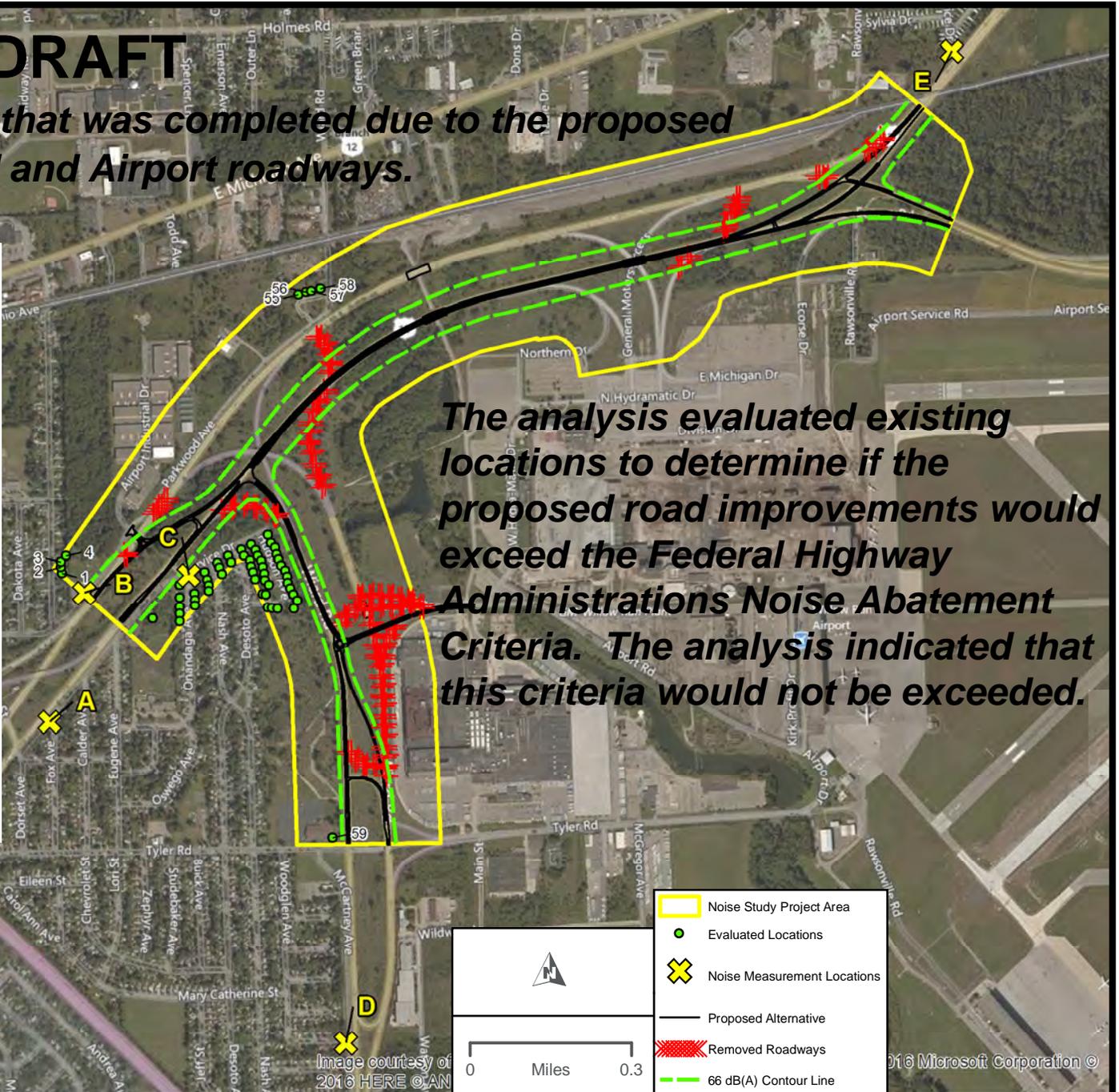


DRAFT

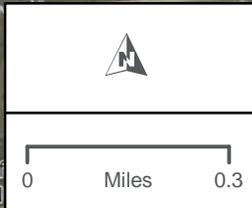
Proposed noise analysis that was completed due to the proposed changes on US-12, Wiard and Airport roadways.



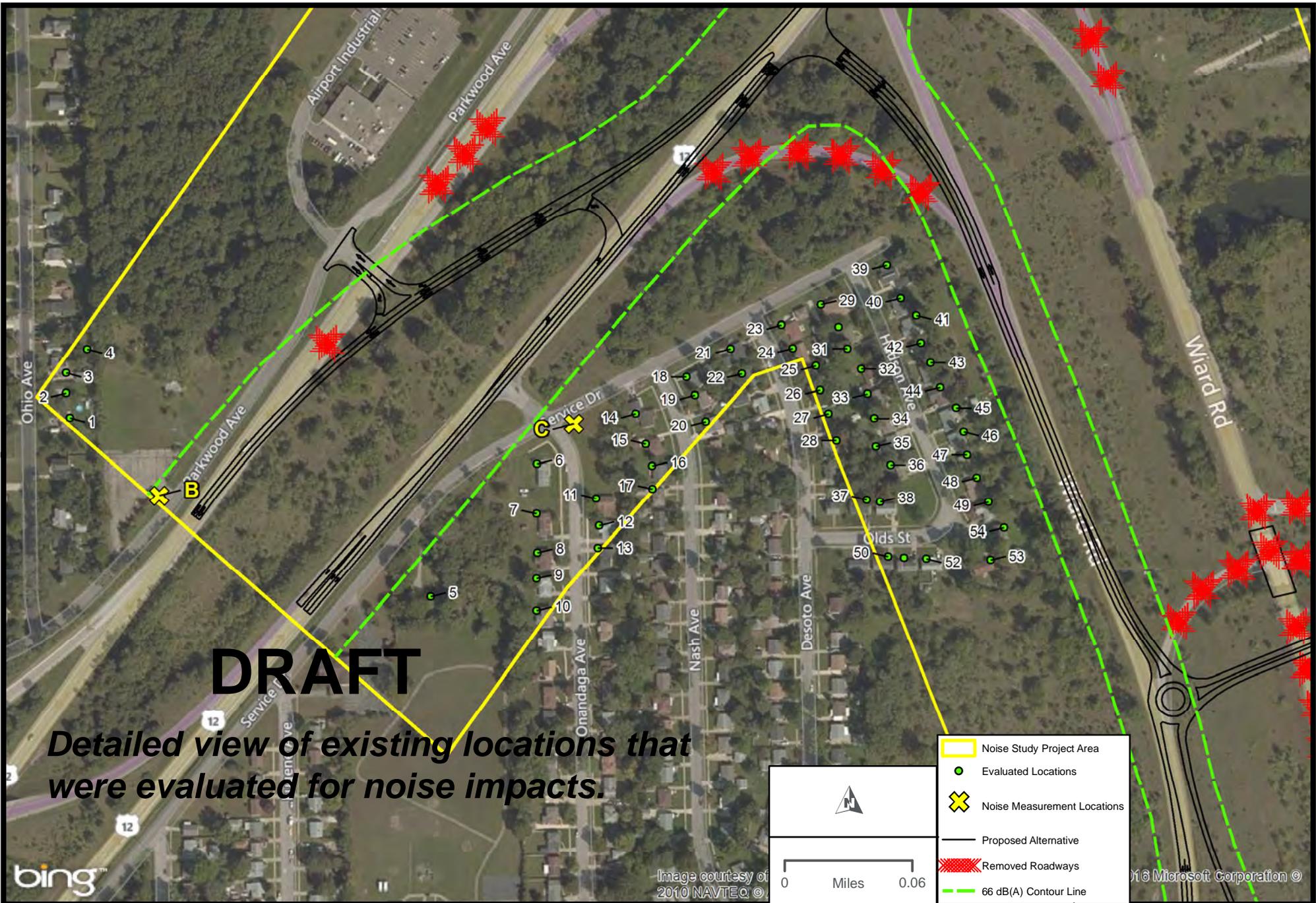
The analysis evaluated existing locations to determine if the proposed road improvements would exceed the Federal Highway Administrations Noise Abatement Criteria. The analysis indicated that this criteria would not be exceeded.



- Noise Study Project Area
- Evaluated Locations
- X Noise Measurement Locations
- Proposed Alternative
- Removed Roadways
- 66 dB(A) Contour Line



**PROPOSED PUBLIC ROADWAY MODIFICATIONS
US-12 & ECORSE ROAD
NOISE ANALYSIS MAP**



DRAFT

Detailed view of existing locations that were evaluated for noise impacts.

	Noise Study Project Area
	Evaluated Locations
	Noise Measurement Locations
	Proposed Alternative
	Removed Roadways
	66 dB(A) Contour Line

Image courtesy of 2010 NAVTEQ ©

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PROPOSED PUBLIC ROADWAY MODIFICATIONS
 US-12 & ECORSE ROAD
 NOISE ANALYSIS MAP



9/19/2016

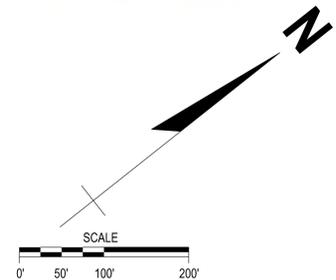
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DRAFT
 View of safety and operational improvements that were recommended by the Road Safety Audit completed by MDOT in August 2016. These improvements are proposed to be constructed with the US-12 and Ward Road improvements.



LEGEND

- | | | | |
|--|---|---|---|
| 1 UPGRADE SIGNING TO CLARIFY ROUTE & DIRECTIONS | 5 REMOVE LEFT TURN LANE | 9 NARROW LANE & FIX RADIUS (CARS ONLY) OR ADD PORK CHOP ISLAND | 13 ADD WARNING FLASHERS TO SIGNAL AHEAD SIGNS, BOTH SIDES ROAD |
| 2 UPGRADE SIGNAL WITH PED COUNTDOWNS | 6 SIDEWALK UPGRADES | 10 REMOVE VEGETATION WITH MAINTENANCE FORCES | 14 INSTALL OVERHEAD LIGHTING (YPSI TWP) |
| 3 REMOVE RIGHT TURN LANE | 7 PROHIBIT LEFT TURN (SB TO EB) | 11 ADD 55 MPH SIGNS | |
| 4 UPGRADE SIGNAL WITH PED COUNTDOWNS | 8 UPGRADE SIGNAL WITH PEDS COUNTDOWN | 12 DOUBLE POST REDUCED SPEED AHEAD AND MOVE WEST | |



RECOMMENDED SAFETY IMPROVEMENTS US-12 AT DORSET

