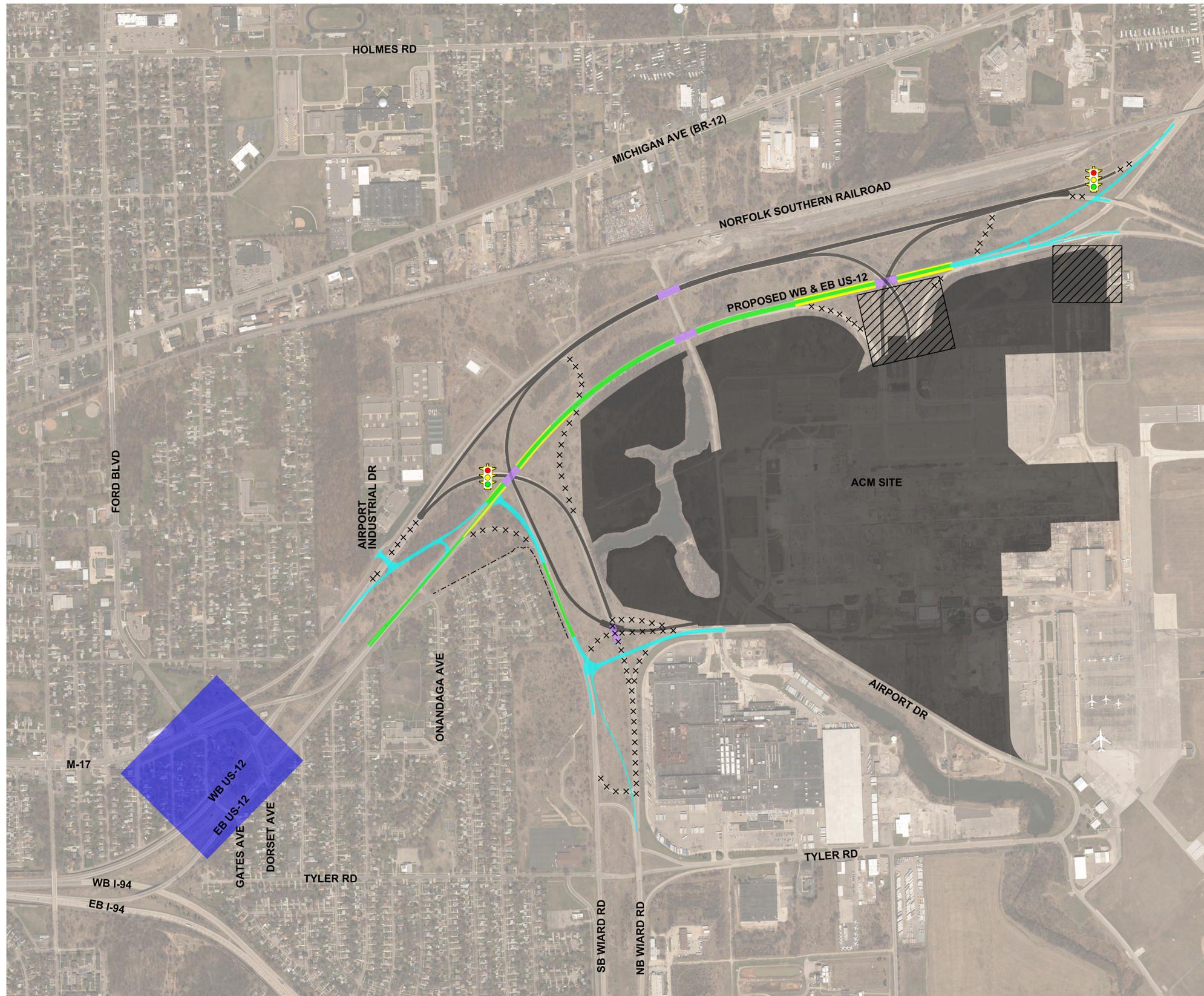
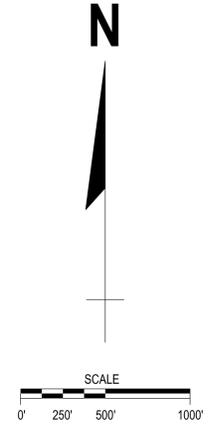


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US-12
ECORSE RD

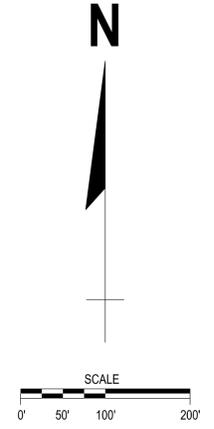
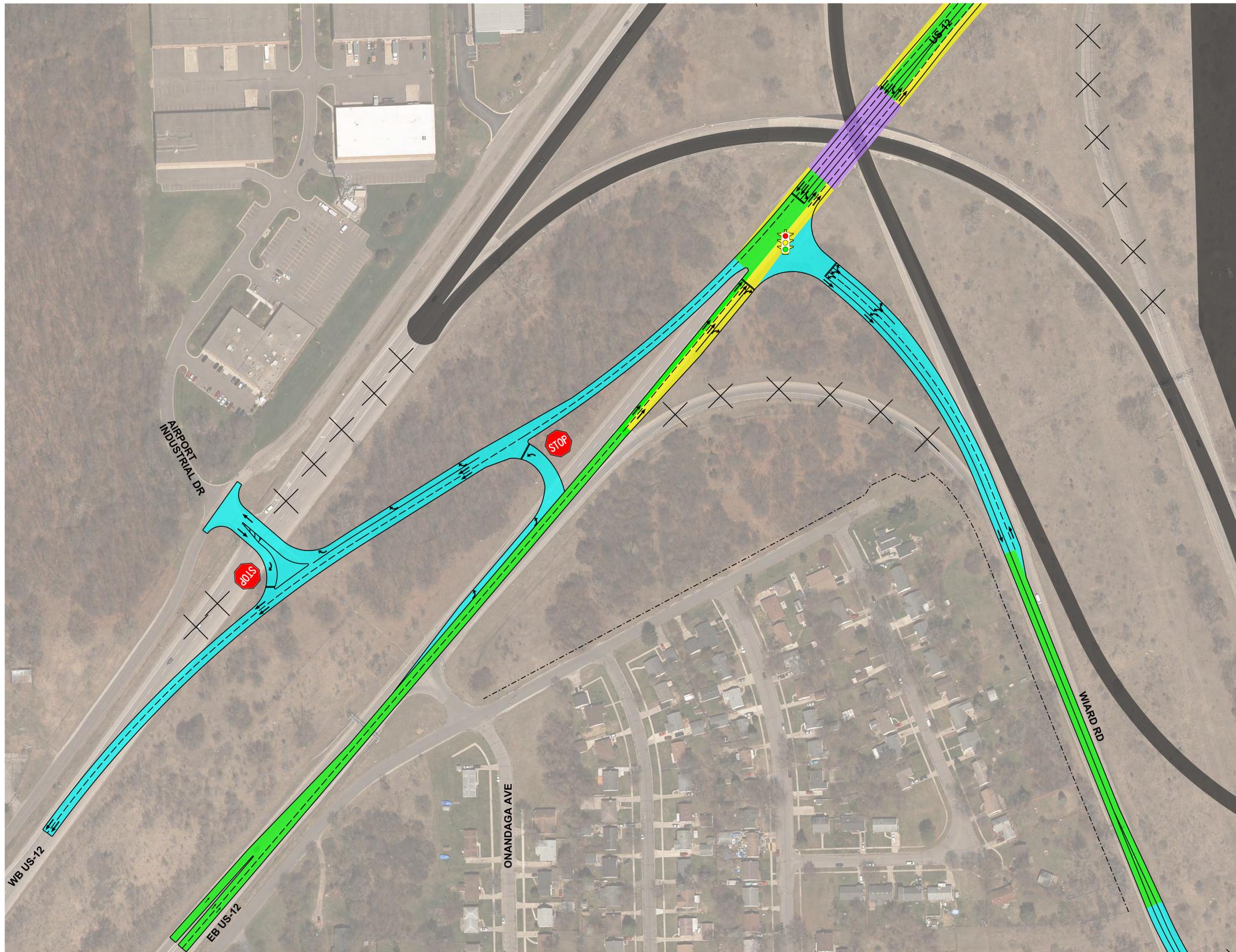


LEGEND

- 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
- RECOMMENDED SAFETY IMPROVEMENTS US-12 AT DORSET

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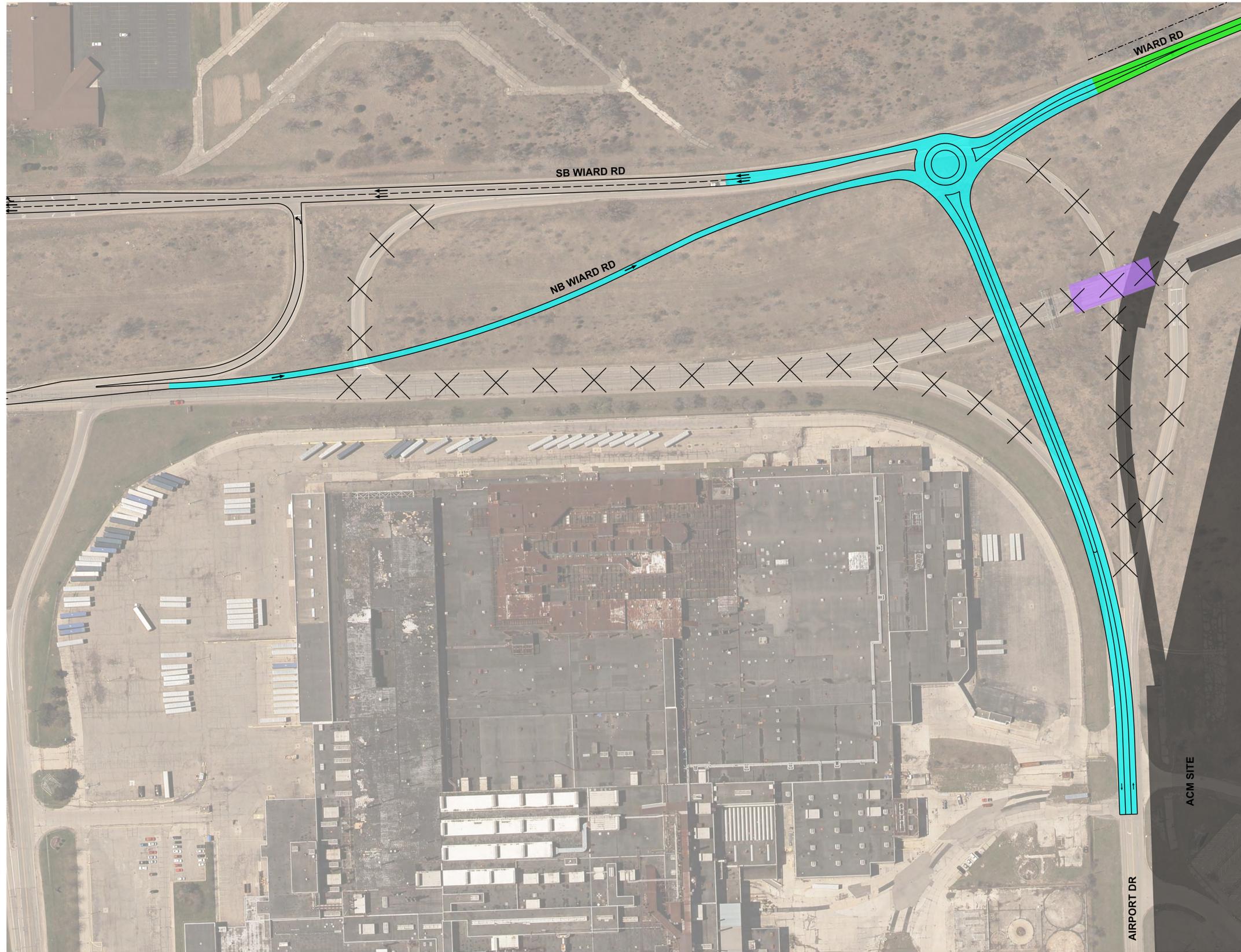
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LEGEND	
	PROPOSED NEW ROADWAY
	PROPOSED RESURFACING
	PROPOSED ROAD WIDENING
	PROPOSED BRIDGE MODIFICATIONS
	EXISTING RIGHT OF WAY
	PROPOSED SIGNALIZED INTERSECTION
	PROPOSED STOP SIGN
	TRAFFIC MOVEMENT
	PAVEMENT REMOVAL
	PROPOSED GATED EMERGENCY ACCESS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

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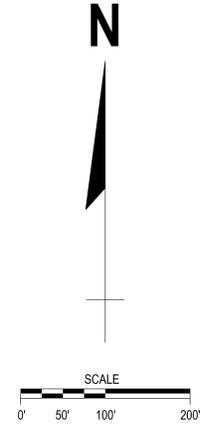
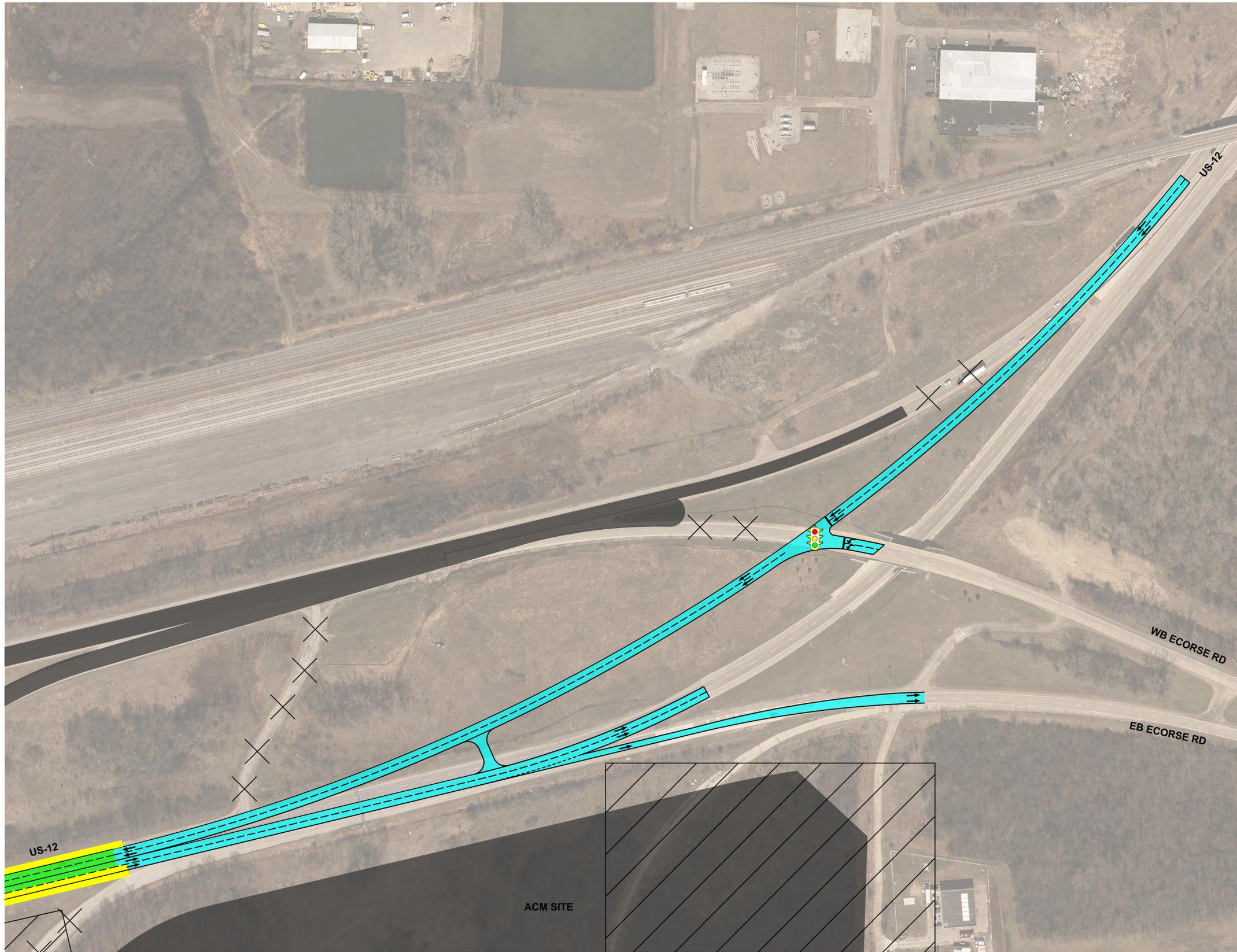


LEGEND

- 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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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

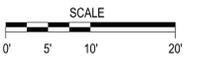
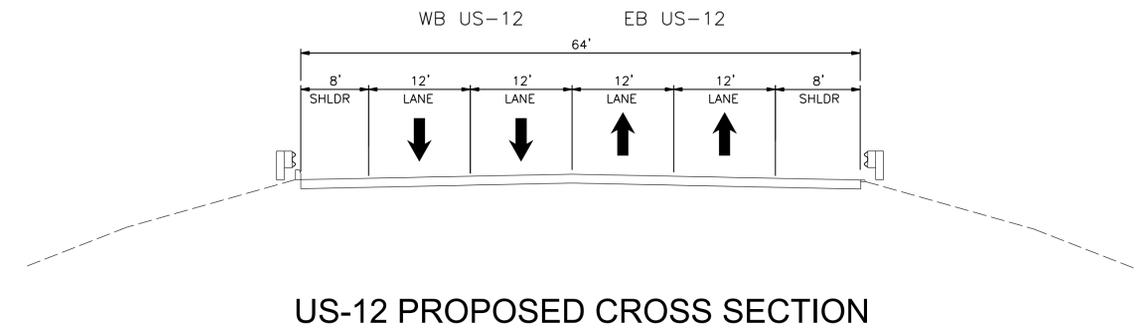
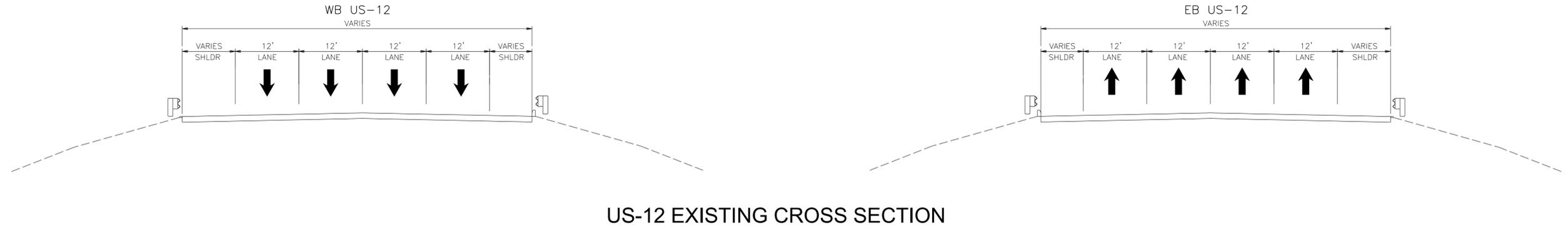


PROPOSED PUBLIC ROADWAY MODIFICATIONS
 US-12 & ECORSE ROAD
 WILLOW RUN



PROPOSED CROSS SECTIONS

YPSILANTI TWP, MICHIGAN

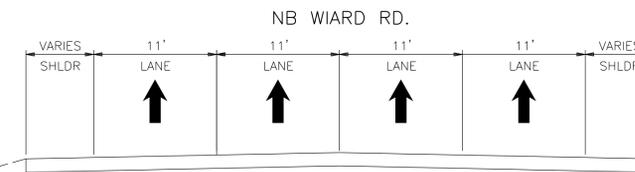
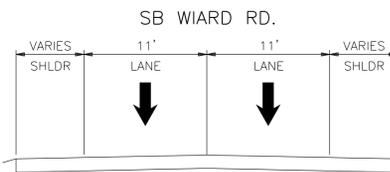


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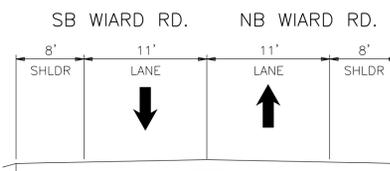
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PROPOSED CROSS SECTIONS

YPSILANTI TWP, MICHIGAN



WIARD RD EXISTING CROSS SECTION



WIARD RD PROPOSED CROSS SECTION

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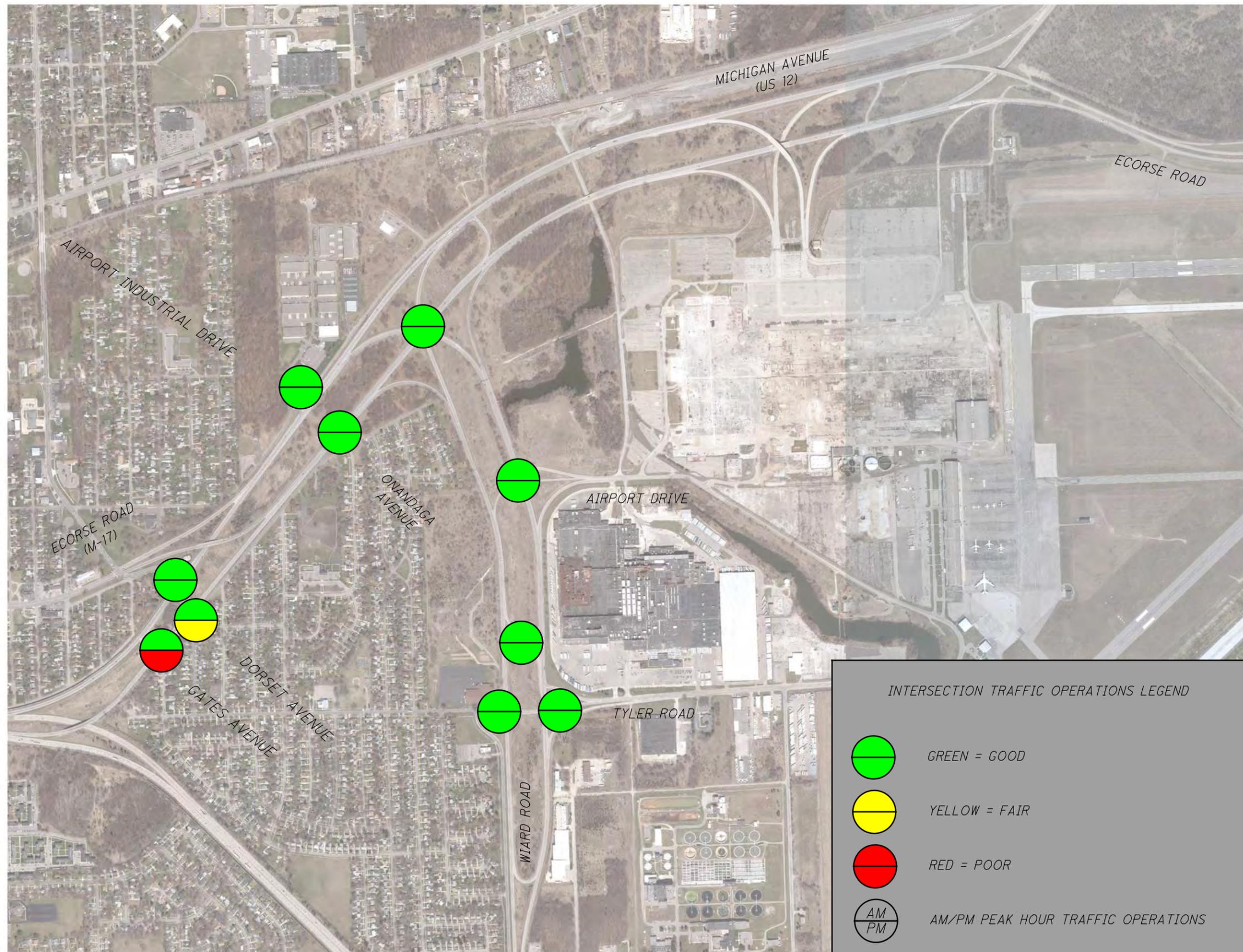


FIGURE 1 2040 NO BUILD INTERSECTION TRAFFIC OPERATIONS
AT US-12, WIARD ROAD, AIRPORT ROAD, AND ECORSE ROAD
WILLOW RUN

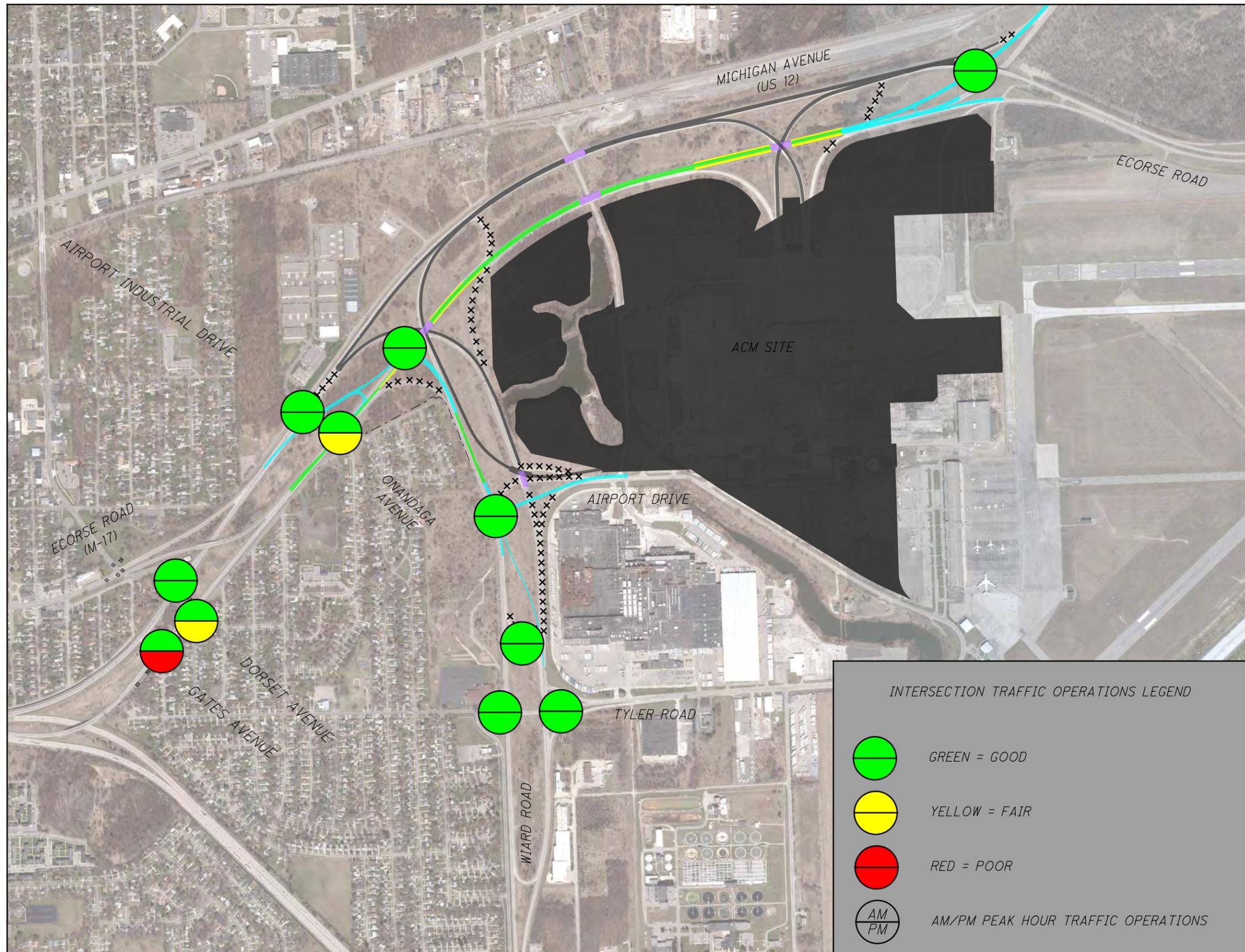
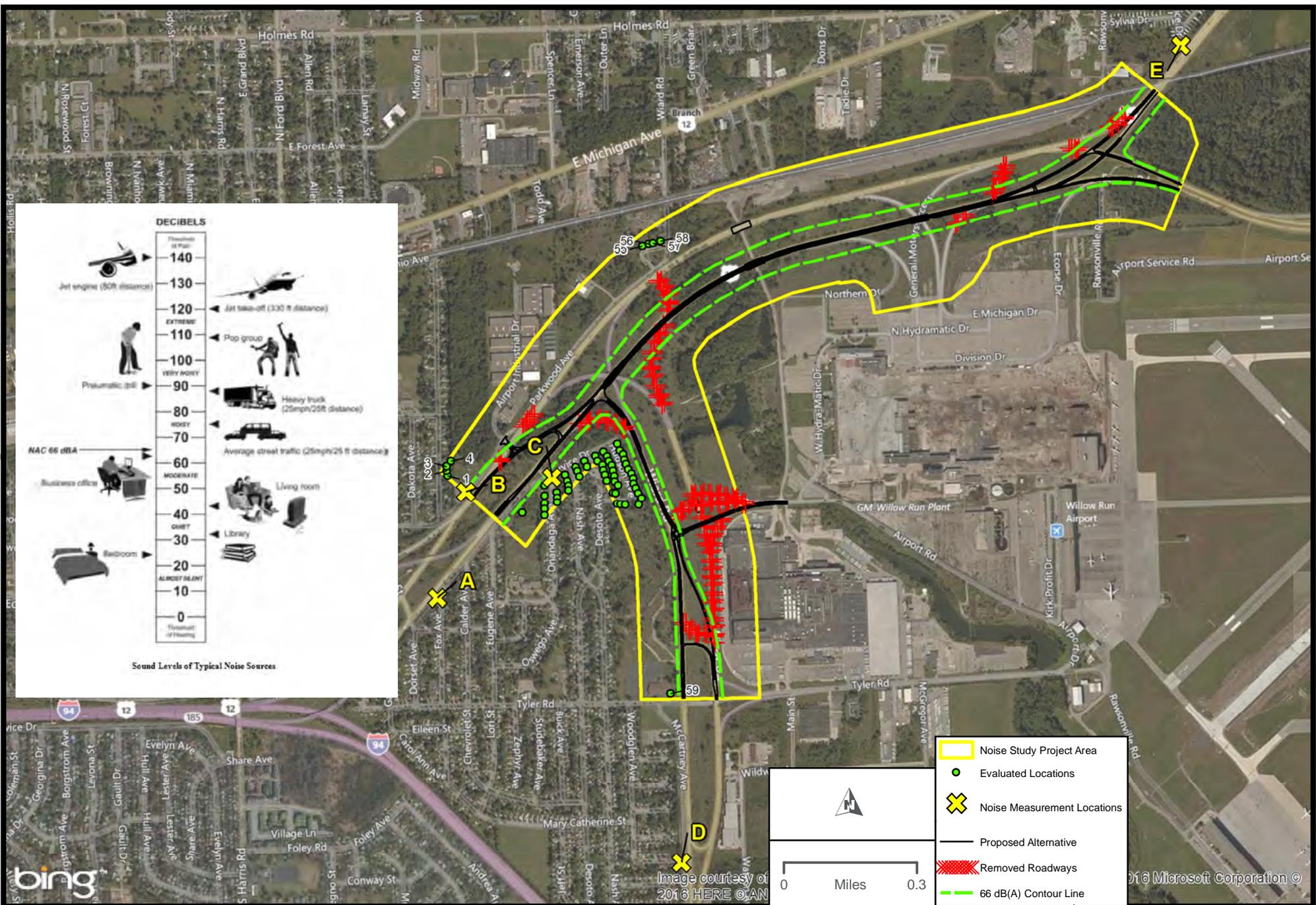


FIGURE 2 2040 BUILD INTERSECTION TRAFFIC OPERATIONS
AT US-12, WIARD ROAD, AIRPORT ROAD, AND ECORSE ROAD
WILLOW RUN



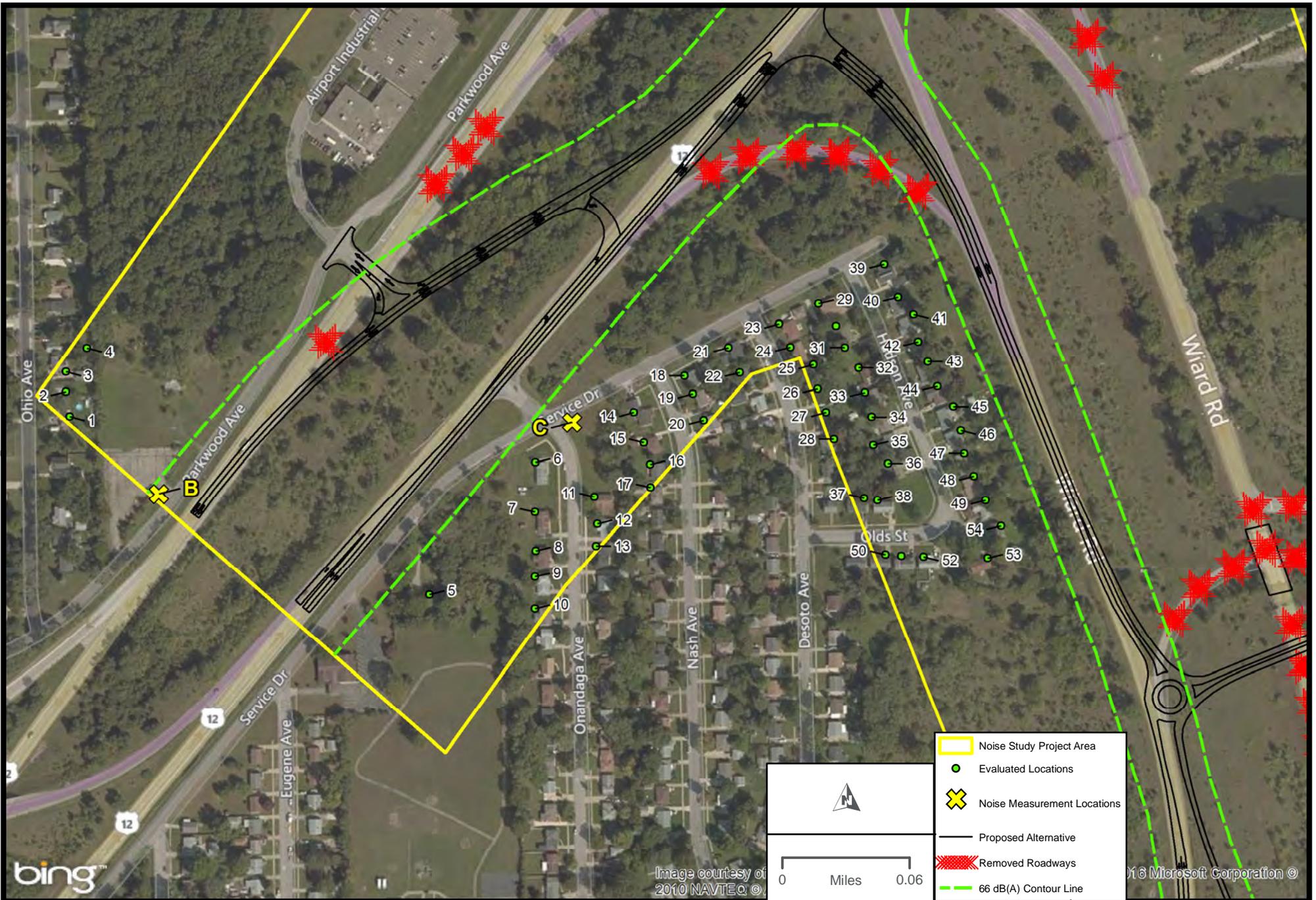
DECIBELS	
Jet engine (50ft distance)	140
Jet take-off (300 ft distance)	130
Pop group	110
Very noisy	100
Pneumatic drill	90
Heavy truck (25mph/25ft distance)	80
Noisy	70
Average street traffic (25mph/25 ft distance)	60
Business office	50
Living room	40
Quiet	30
Library	20
Bedroom	10
Almost silent	0
Threshold of hearing	0

Sound Levels of Typical Noise Sources

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



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



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 | |

