

SASHABAW ROAD & I-75 INTERCHANGE IMPROVEMENTS

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ITE Great Lakes District
Annual Meeting

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BACKGROUND

- Sashabaw from Maybee to Waldon widened to four lane boulevard in 2001
- Growth in both development and traffic volumes
- Congestion of NB I-75 off ramp and SB on ramp

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SASHABAW ROAD CIA

- Corridor Improvement Authority (CIA) established in 2006
- Tax Increment Financing (TIF) district along Sashabaw Road from Maybee to Clarkston
- Established for the purpose of:
 - Widening of Sashabaw Road north of the I-75 interchange;
 - Improvements to the I-75 bridge and interchange; and
 - Completion of streetscape improvements

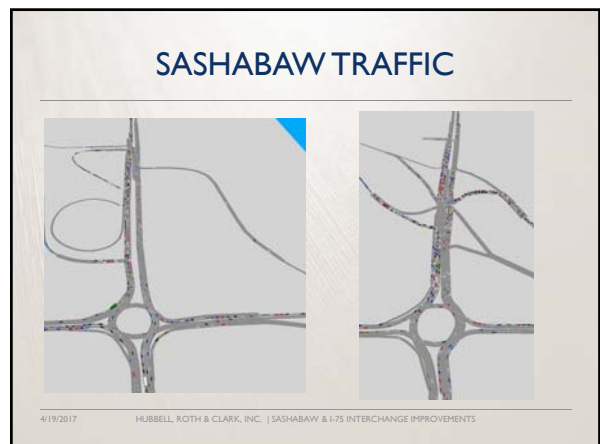
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CORRIDOR TRAFFIC STUDY 2007

- Studied Sashabaw from Maybee to Clarkston
- Projected traffic for full build out of the corridor
- Improvements included:
 - 6 lane boulevard Bow Pointe to I-75
 - 5 lanes from I-75 to Clarkston
 - Widen and twin structure over I-75
- Construction Cost: approximately \$20 Million

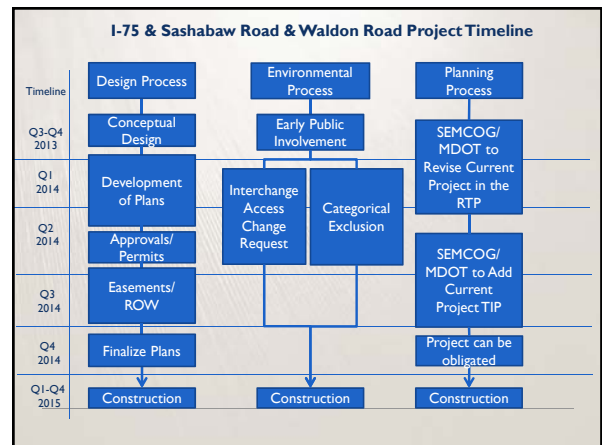


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- ### PROJECT'S GOALS
- Safety on the ramps
 - Safety on Sashabaw Rd between ramps
 - Improved LOS at Sashabaw/Waldon intersection
 - Pedestrian safety crossing SB I-75 on ramp
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SASHABAW/I-75 IACR

- Interchange Access Change Request (IACR)
- Submitted to MDOT/FHWA for approval of interchange improvements
- Review/approval concurrent with design

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- ### FUNDING
- Sashabaw Corridor Improvement Authority
 - Oakland Country Tri-Party
 - TEDF – CAT A
 - McLaren Health Care
 - RCOC – Construction Engineering
 - Independence Township
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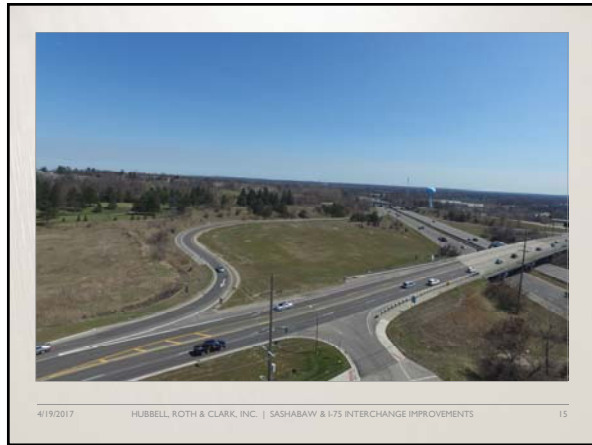
DESIGN

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NB I-75 TO NB SASHABAW OFF RAMP

- Reconfigured off ramp
- Removed SB Sashabaw/thru movement
- NB Sashabaw movement only
- Dedicated lane on NB Sashabaw
- Removed traffic signal

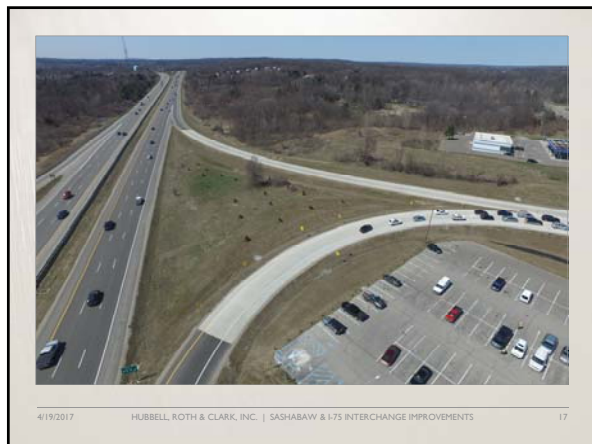
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NB I-75 TO SB SASHABAW OFF RAMP

- Constructed new loop ramp
- Dual right turns to SB Sashabaw
- Installed new traffic signal
- Reconfigured Carpool Lot

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NB I-75 ON RAMP

- Constructed new NB I-75 on ramp to make room for loop ramp
- Added right turn/thru lane SB Sashabaw
- Added center left turn lane for NB Sashabaw to NB I-75

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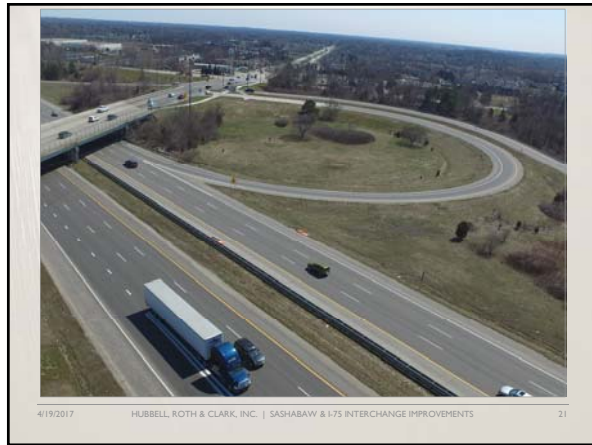


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SB SASHABAW TO SB I-75 ON RAMP

- Reconfigured ramp entrance
- Safer pedestrian crossing
- Added SB Sashabaw right turn lane

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NB SASHABAW TO SB I-75 ON RAMP

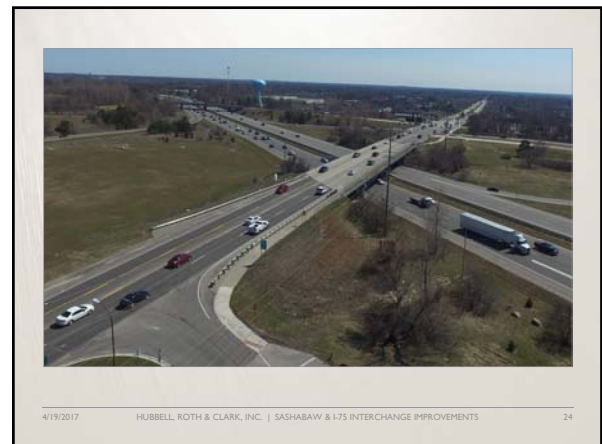
- Added right turn lane
- Dedicated turn lane to ramp
- Widened ramp
- Added traffic signal

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SASHABAW ROAD

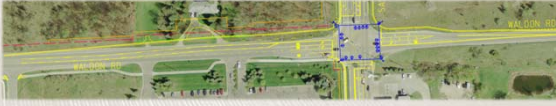
- Added SB thru lane
- NB Sashabaw to SB I-75 dual right turns
- NB Sashabaw to WB Waldon dual left turns
- Dedicated NB I-75 to NB Sashabaw lane

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WALDON ROAD

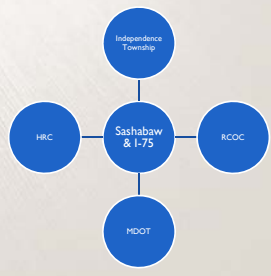


- Added left turn lane on EB Waldon for NB Sashabaw for dual left turns
- Traffic signal modernization

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COORDINATION

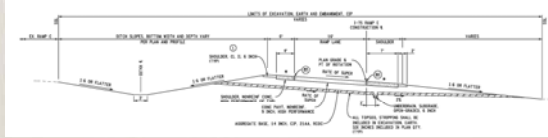
- Agency coordination
- DTE Music Theatre
- Utility companies



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COORDINATION

- Design
- Geometrics
- Design Standards
- Pavement Sections



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COORDINATION

- Other Projects
- I-75 ITS Construction
- I-75 Capital Preventative Maintenance Project
- Maybee Road Culvert Replacement



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CONSTRUCTION



- Bid Price - \$4.01 million
- Bidding Climate
- Schedule
 - Began: Spring 2015
 - Completed: October 2015

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CONSTRUCTION



- Joint Effort
- PM: RCOC
- CE: RCOC & HRC
 - Sashabaw & Waldon - RCOC
 - I-75 ramps - HRC

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CONSTRUCTION UPDATES

- Updates on Township website
- Postcard updates to Township residents 10 days prior to construction changes
- Township Newsletter
- Changeable Message Boards



COMPLETED INTERCHANGE



NE CORNER OF SASHABAW & WALDON



NB I-75 ON/OFF RAMP AT SASHABAW



NB I-75 TO SB SASHABAW OFF RAMP



NB SASHABAW



SB SASHABAW ROAD AT WALDON



QUESTIONS?