

PUBLIC MEETING

**I-376 GREEN TREE INTERCHANGE AREA IMPROVEMENTS (SR 376 – A67)
GREEN TREE BOROUGH AND CITY OF PITTSBURGH**



March 12, 2025



Pennsylvania
Department of Transportation

MEETING PRESENTERS



Jason Zang, PE
PennDOT District 11
District Executive



Anthony Annett, PE
PennDOT District 11
Project Manager



Bill Gross, PE
HDR
Project Manager



Jessica Belowich,
PE, PTOE
Michael Baker
International
Sr. Traffic Engineer

MEETING AGENDA

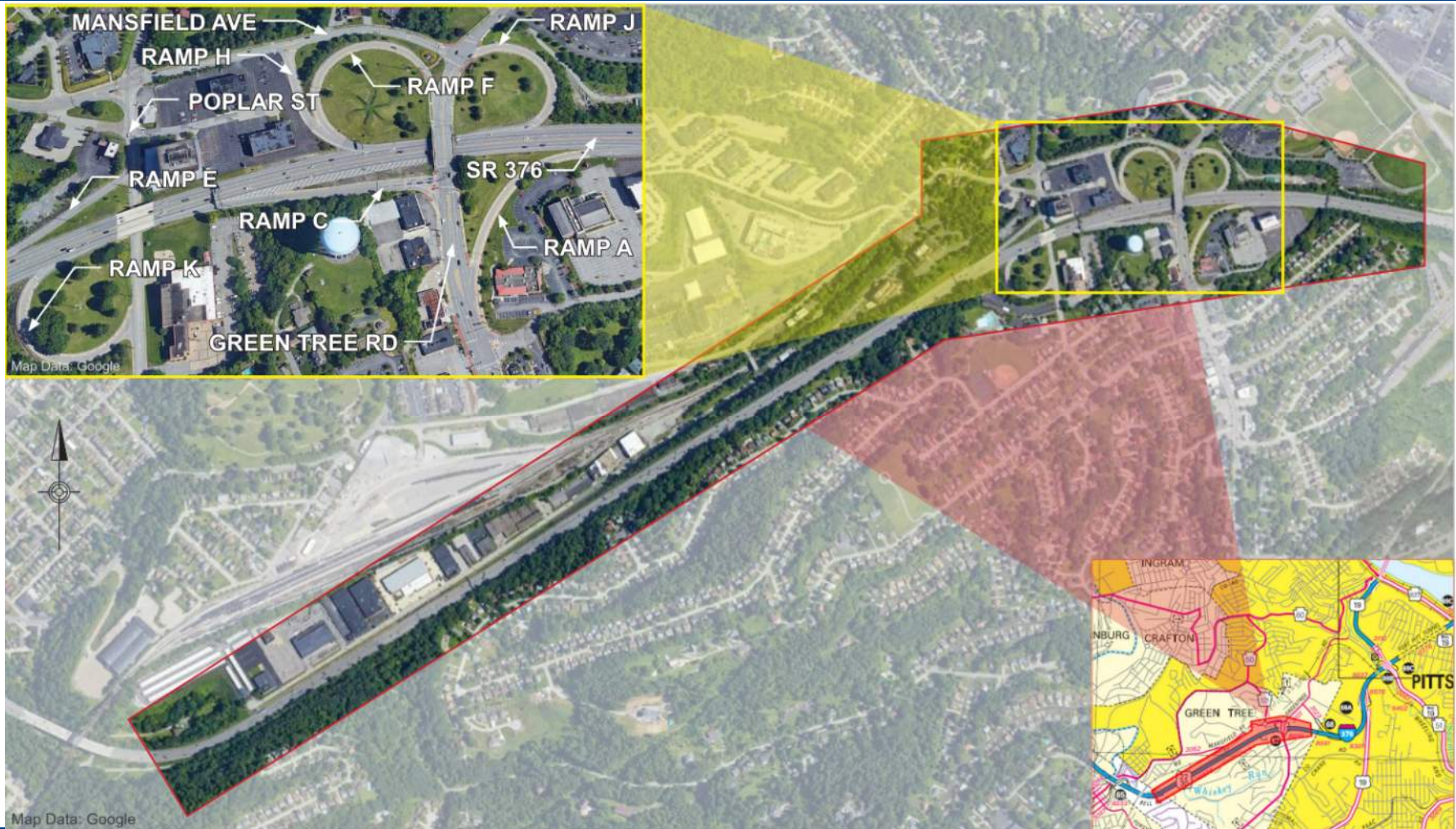
- Introductions**
- Location & Background Information**
- Project Purpose & Need**
- Proposed Improvements**
- Environmental Impacts**
- Right-of-Way Impacts**
- Traffic and Safety Analyses**
- Milestone Schedule**

❖ **Question & Answers**

AVAILABLE FOR Q&A

Doug Seeley, PE -	Assistant District Executive - Design (PennDOT)
Michael Szurley, PE -	Senior Project Manager, Bridge (PennDOT)
Mark Young -	District Environmental Planning Manager (PennDOT)
Nick Krobot, PE -	Assistant Environmental Manager (PennDOT)
Ethan Bailey -	Chief Right-of-Way Negotiator (PennDOT)
Steve Cowan -	Press Officer (PennDOT)
Kathryn Fink, PE -	Assistant District Traffic Engineer (PennDOT)
Steve Sneddon, PE -	Senior Assistant Construction Engineer (PennDOT)
Brian Heinzl, PE -	Lead Geotechnical Engineer (Gannett-Fleming/TranSystems)
Judy Iszauk, PE -	Senior Traffic Engineer (HDR)
Monica O'Neil, PE -	Lead Structures Engineer (HDR)
Josh Kisling, PE -	Lead Highway Engineer (HDR)
Josh Brown, PE -	Roadway Design Engineer (HDR)

PROJECT LOCATION



OVERVIEW/HISTORY



PURPOSE AND NEED

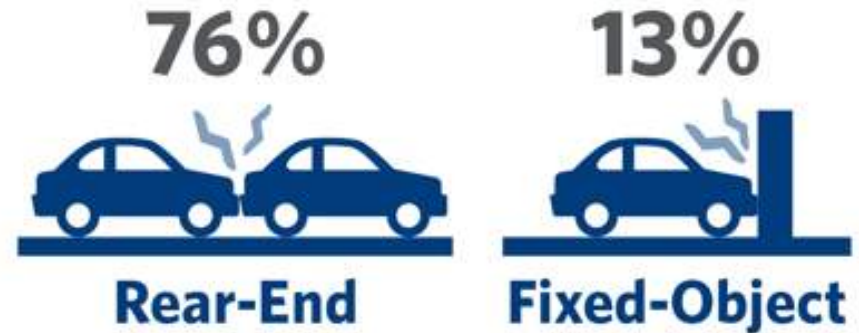
“... To improve operations and mobility near and within the Green Tree Interchange thereby improving congestion, safety, and connectivity”

PARKWAY WEST



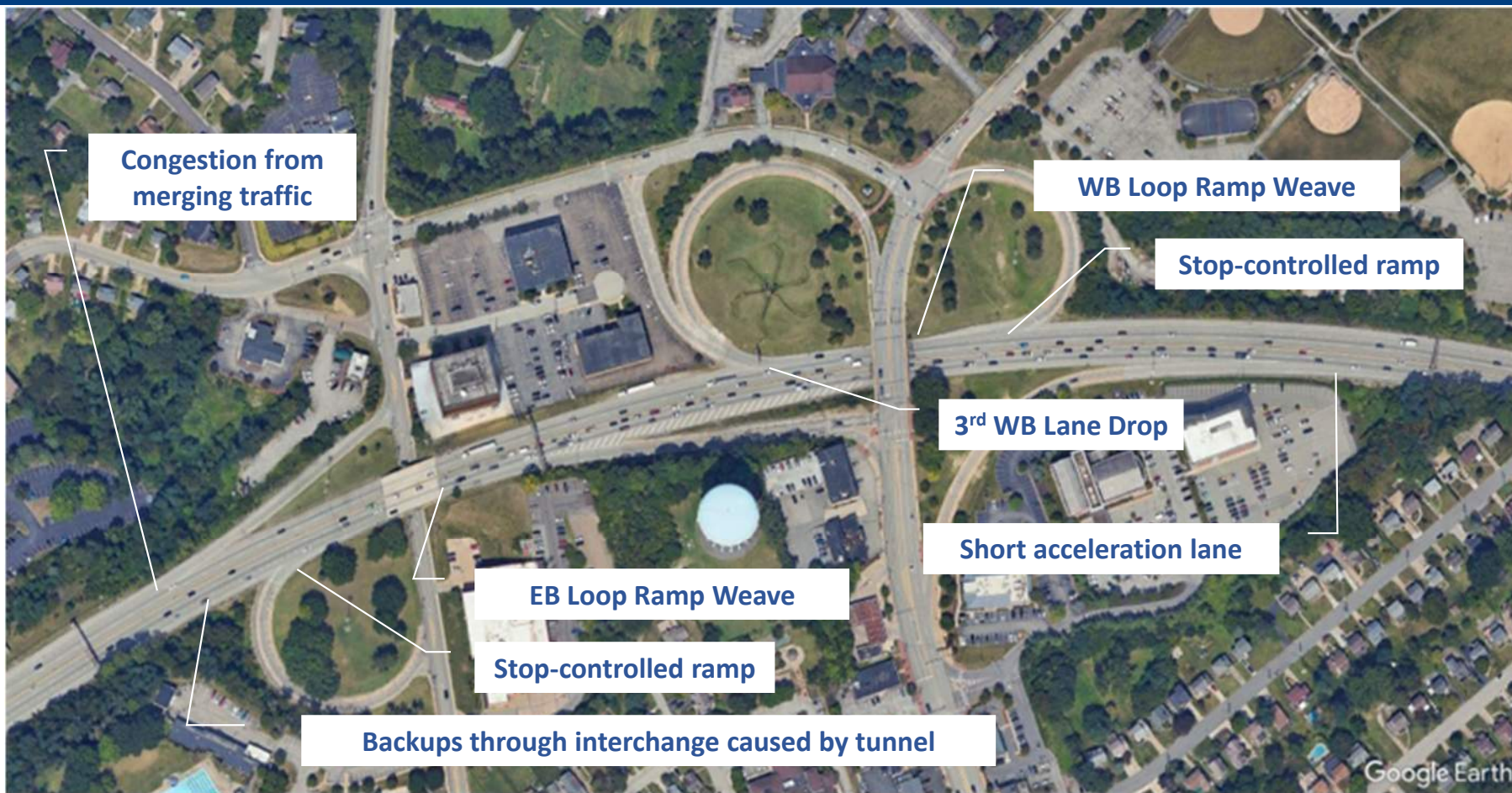
CRASH HISTORY

- **499** CRASHES ON I-376
- **249** INJURIES
- NUMBER OF CRASHES
2.8 TIMES THE STATEWIDE
AVERAGE

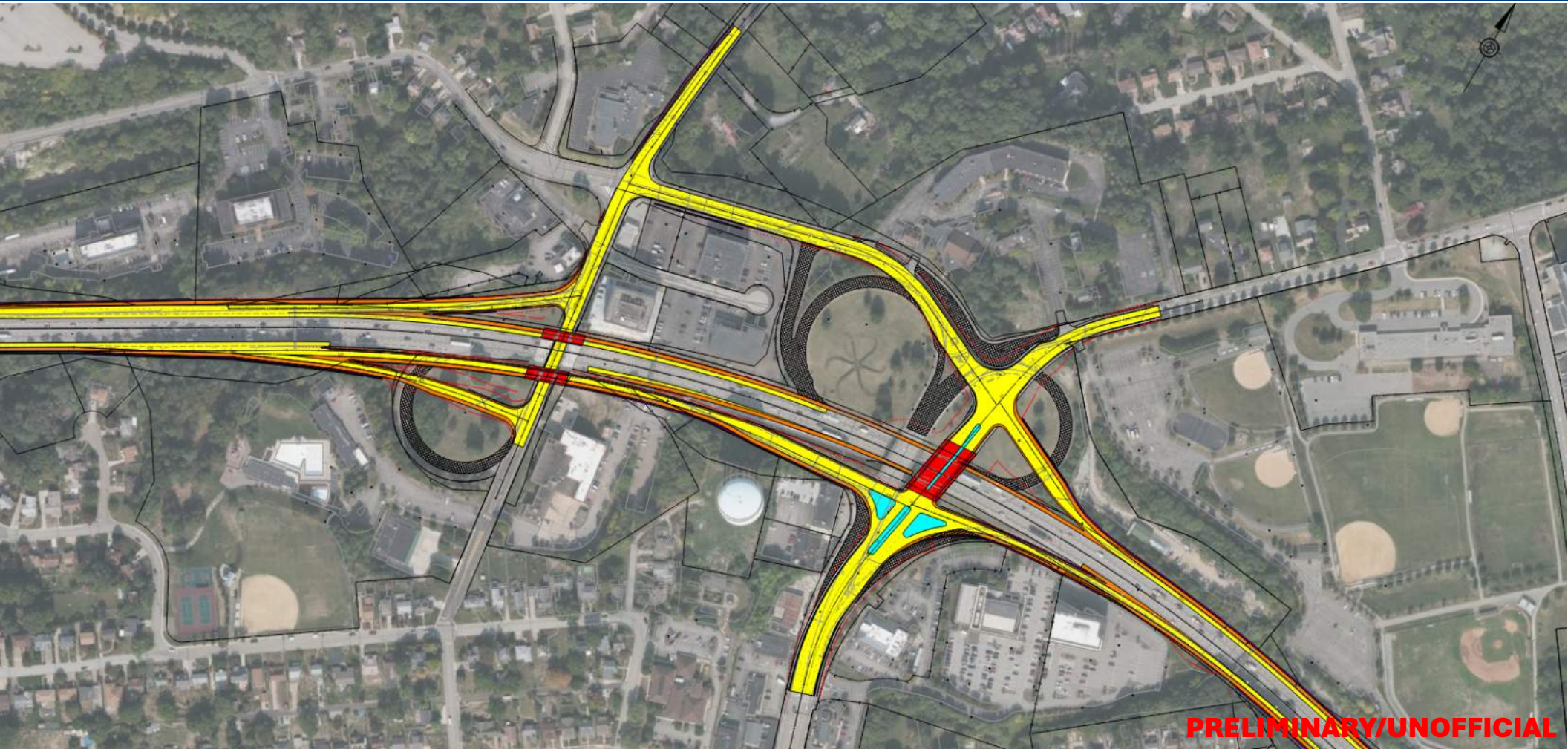


(Based on Reported 5-Year Crash Data)

CAUSES OF CONGESTION & ACCIDENTS

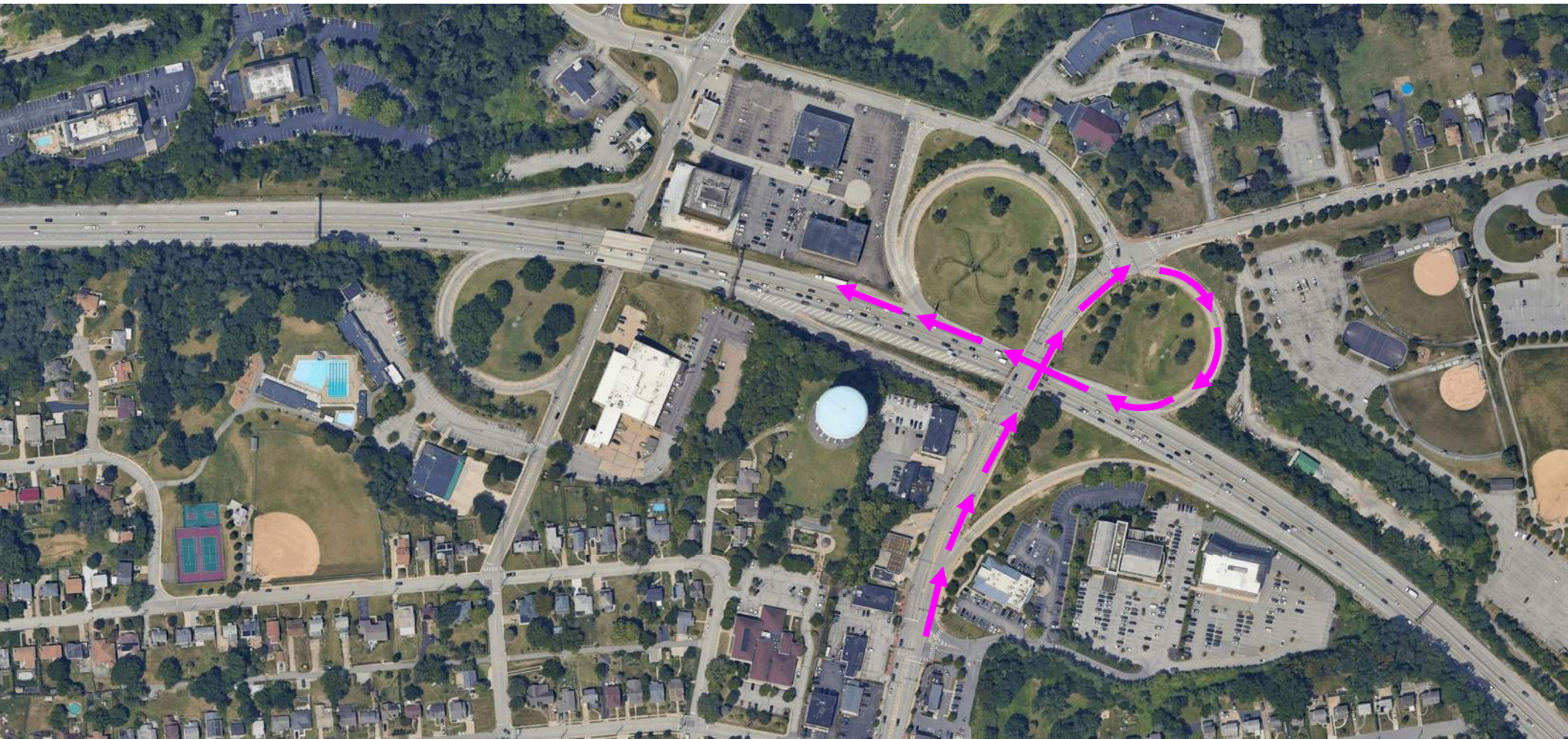


PROPOSED IMPROVEMENTS

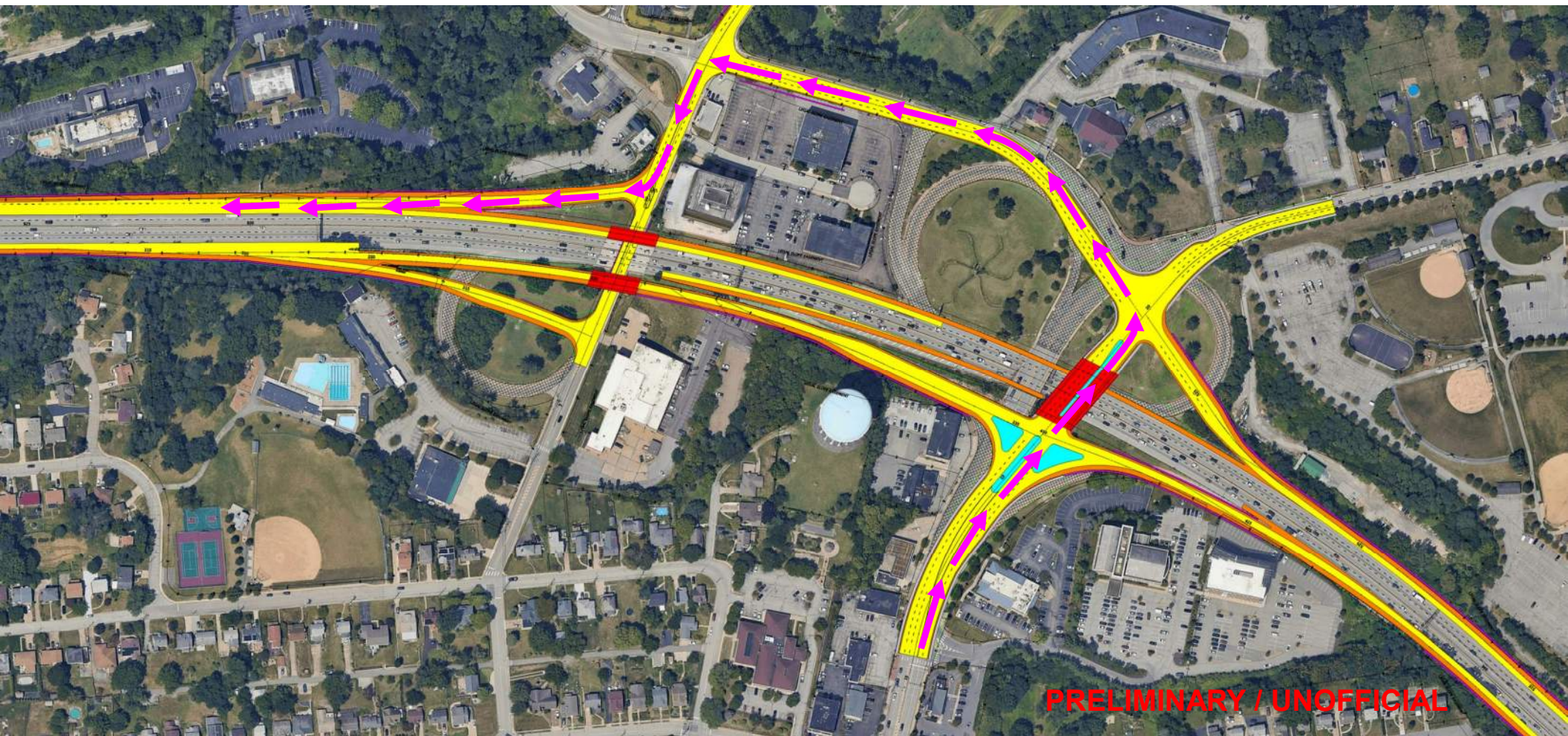


PRELIMINARY/UNOFFICIAL

EXISTING ACCESS TO WB I-376



PROPOSED ACCESS TO WB I-376

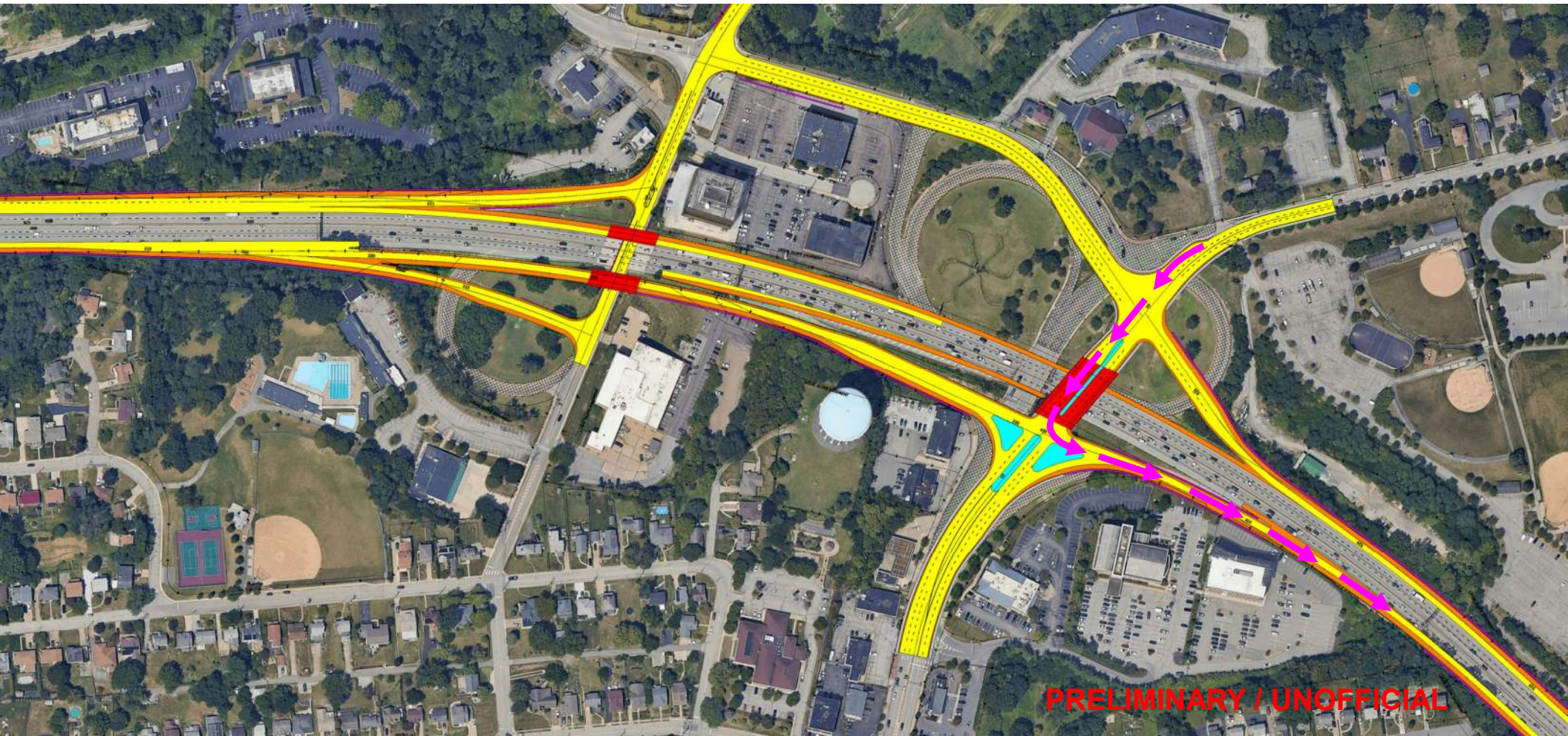


PRELIMINARY / UNOFFICIAL

EXISTING ACCESS TO EB I-376

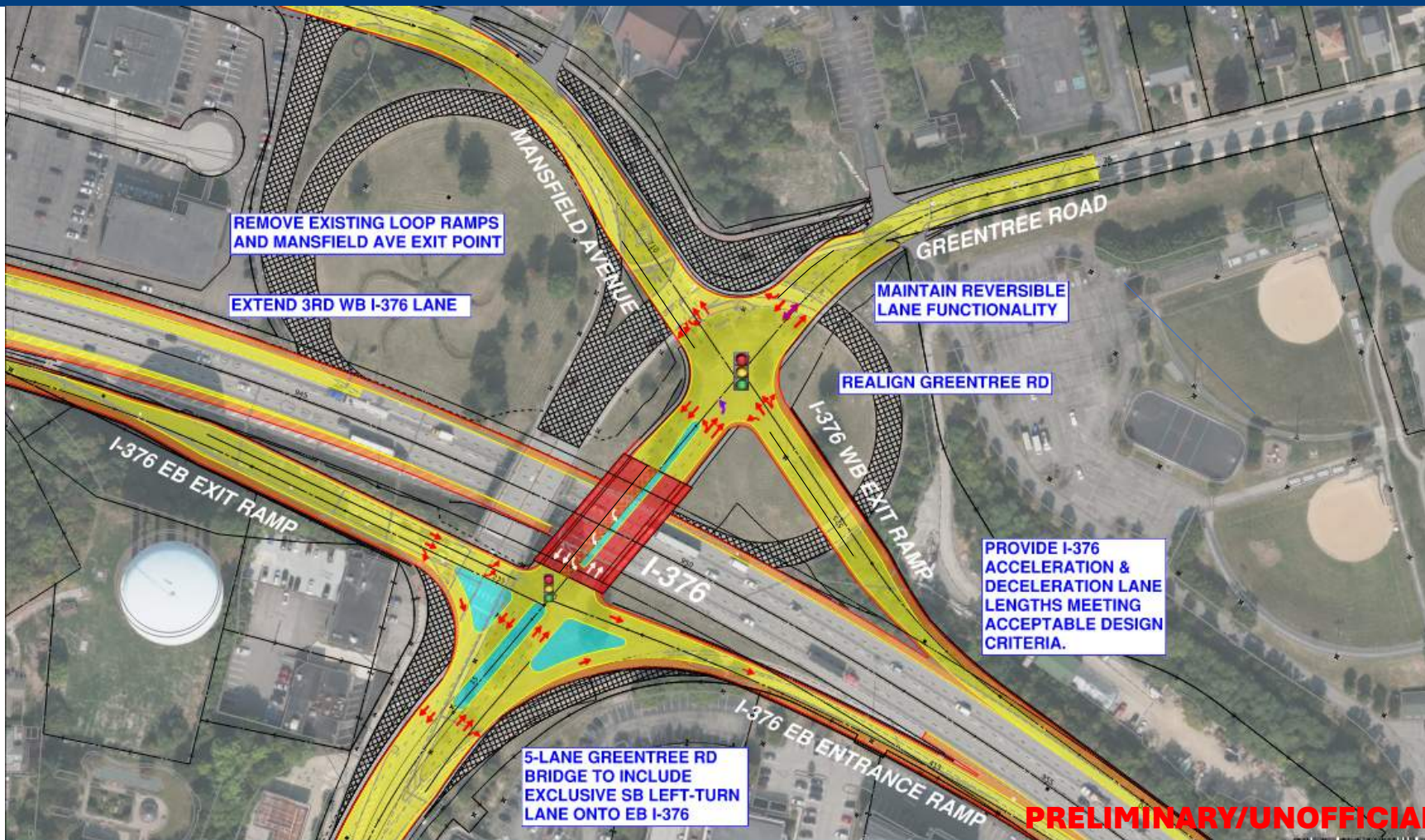


PROPOSED ACCESS TO EB I-376

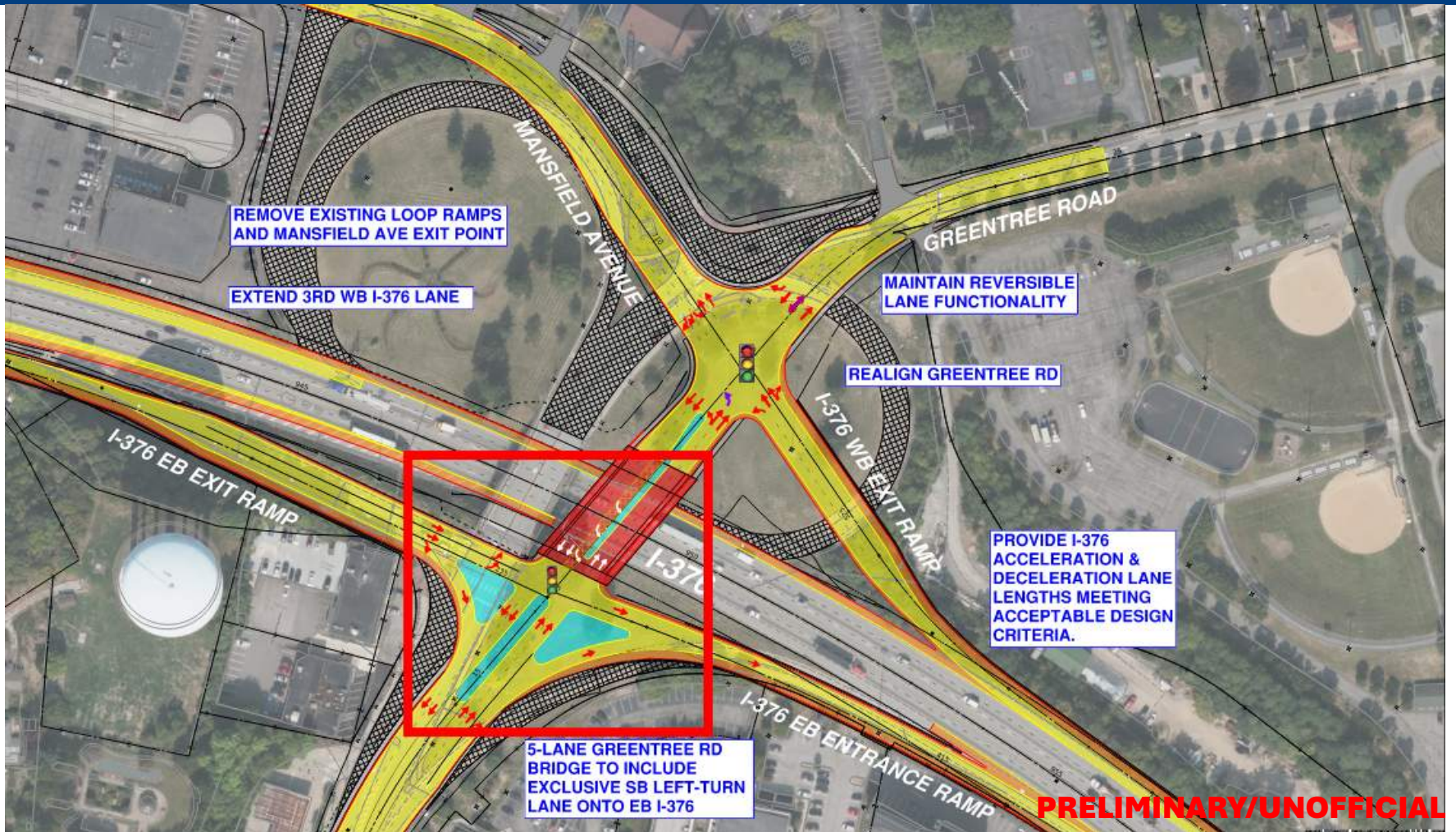


PRELIMINARY / UNOFFICIAL

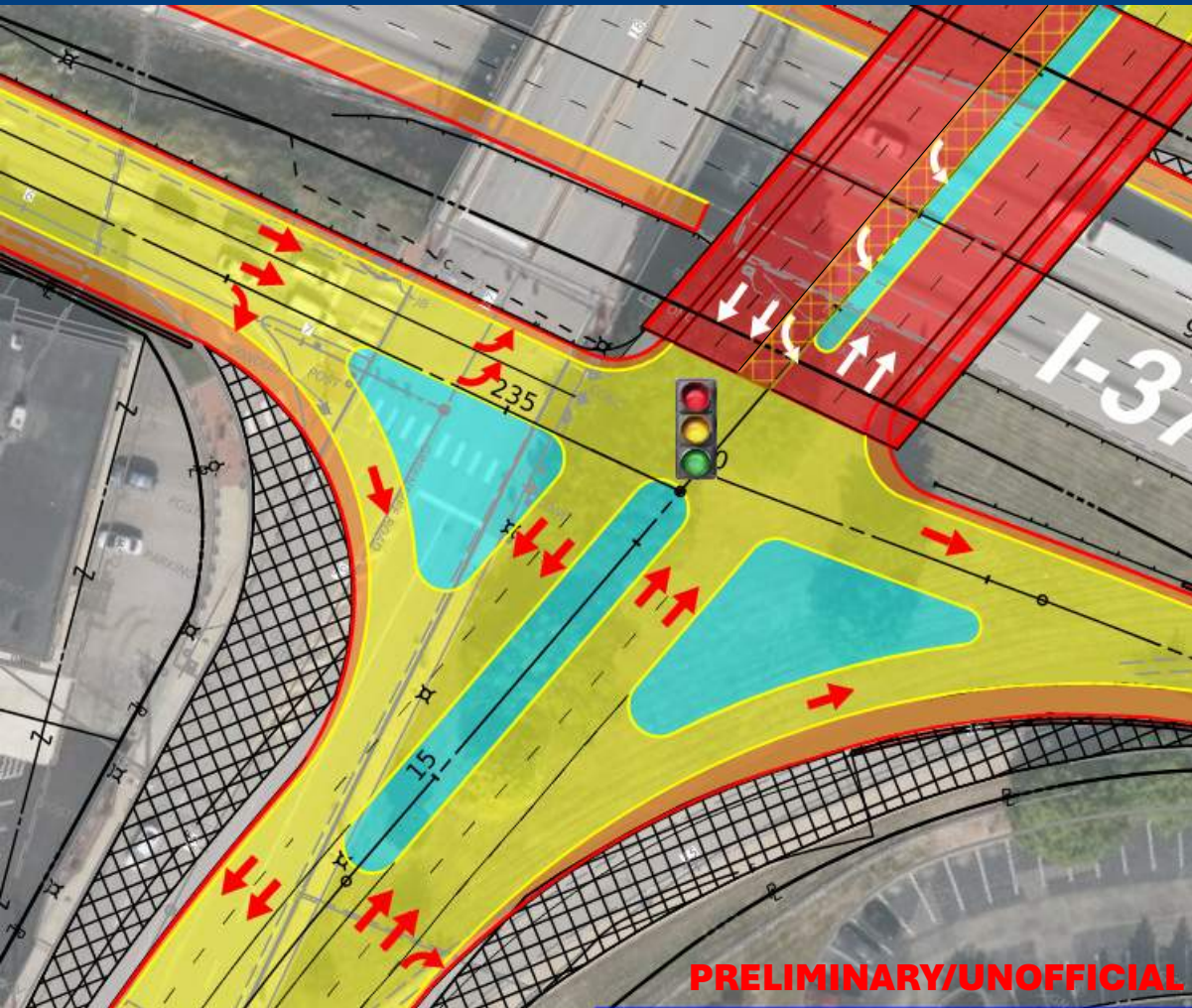
GREENTREE INTERCHANGE REALIGNMENT



GREENTREE INTERCHANGE REALIGNMENT

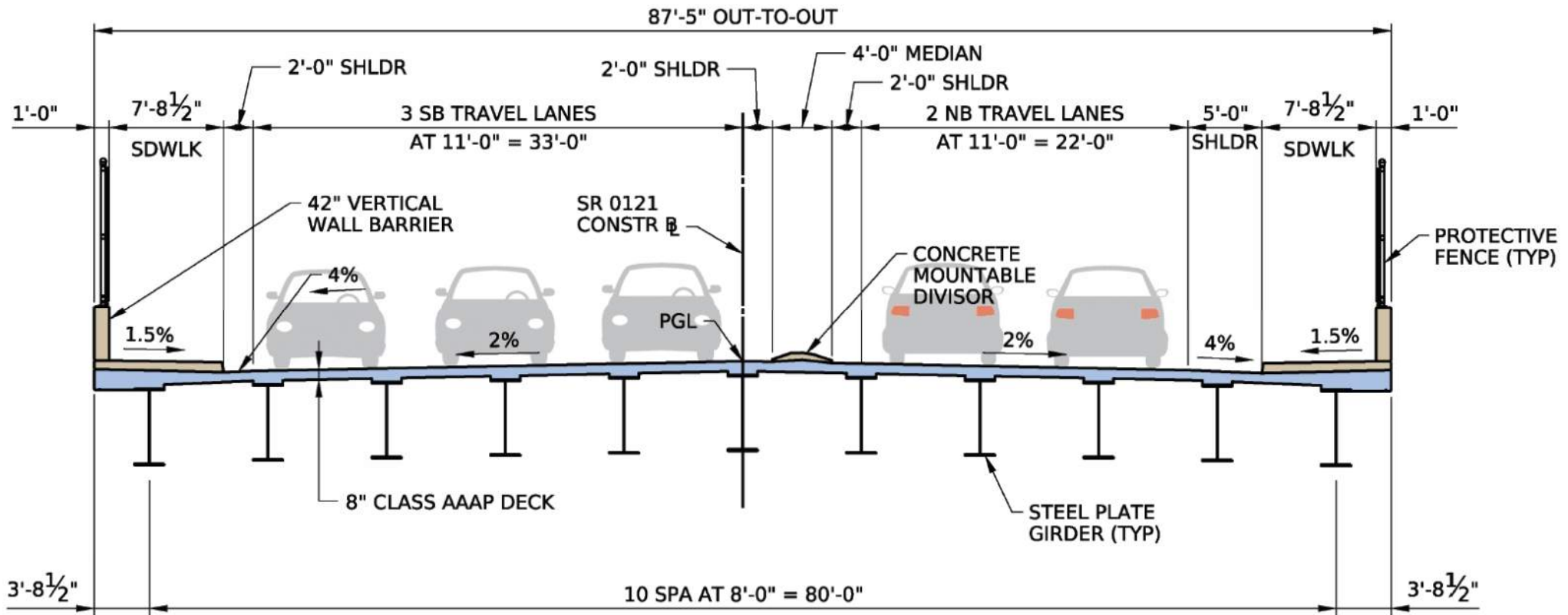


SOUTHERN RAMP TIE-INS & BRIDGE



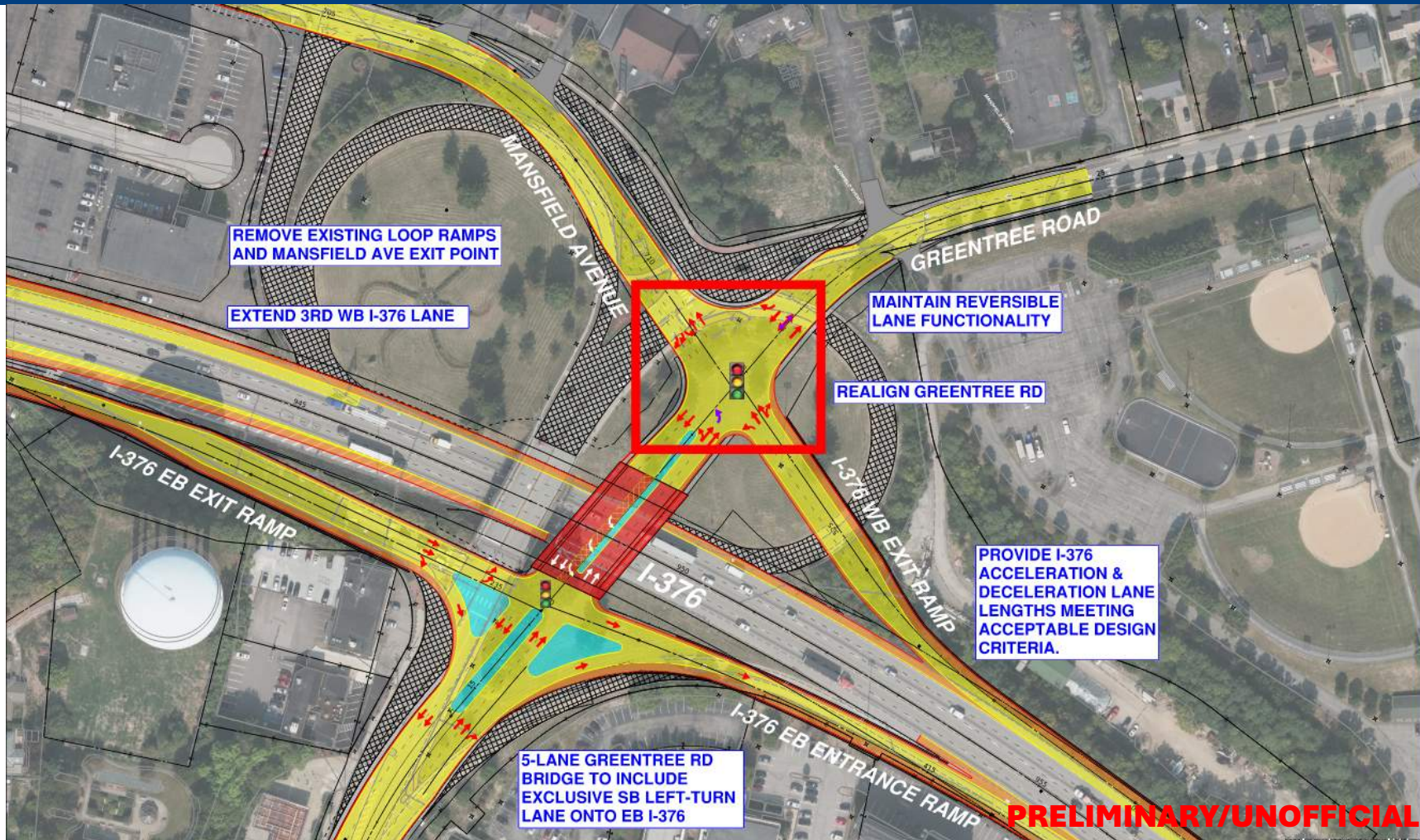
- **SIGNALIZED INTERSECTION**
- **DUAL LEFT-TURN LANES FROM I-376 EB EXIT RAMP ONTO NB GREENTREE RD.**
- **ACCESS TO I-376 EB FROM SB GREENTREE ROAD BY WAY OF ADDED EXCLUSIVE LEFT-TURN LANE ON NEW BRIDGE.**
- **NEW I-376 EB RAMP CONFIGURATION TO ACCOMMODATE THE NEW SB GREENTREE RD LEFT-TURN MOVEMENT.**

GREENTREE RD. I-376 OVERPASS

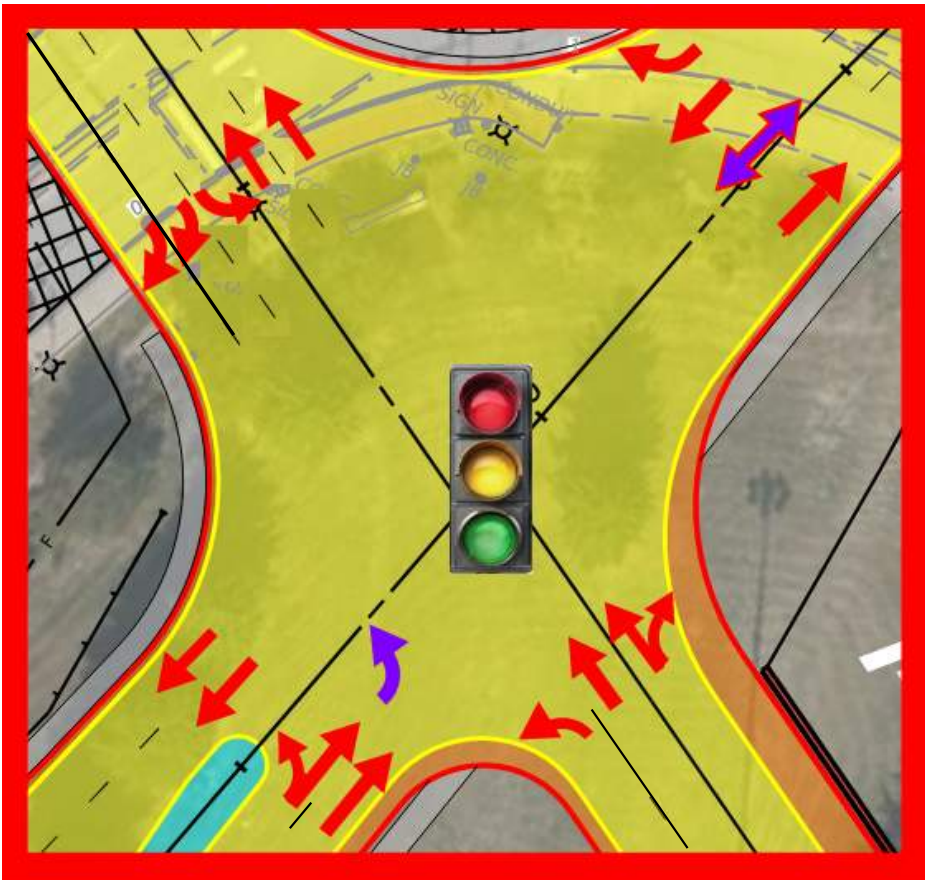


PRELIMINARY/UNOFFICIAL

MANSFIELD AVE/GREENTREE RD INTERSECTION



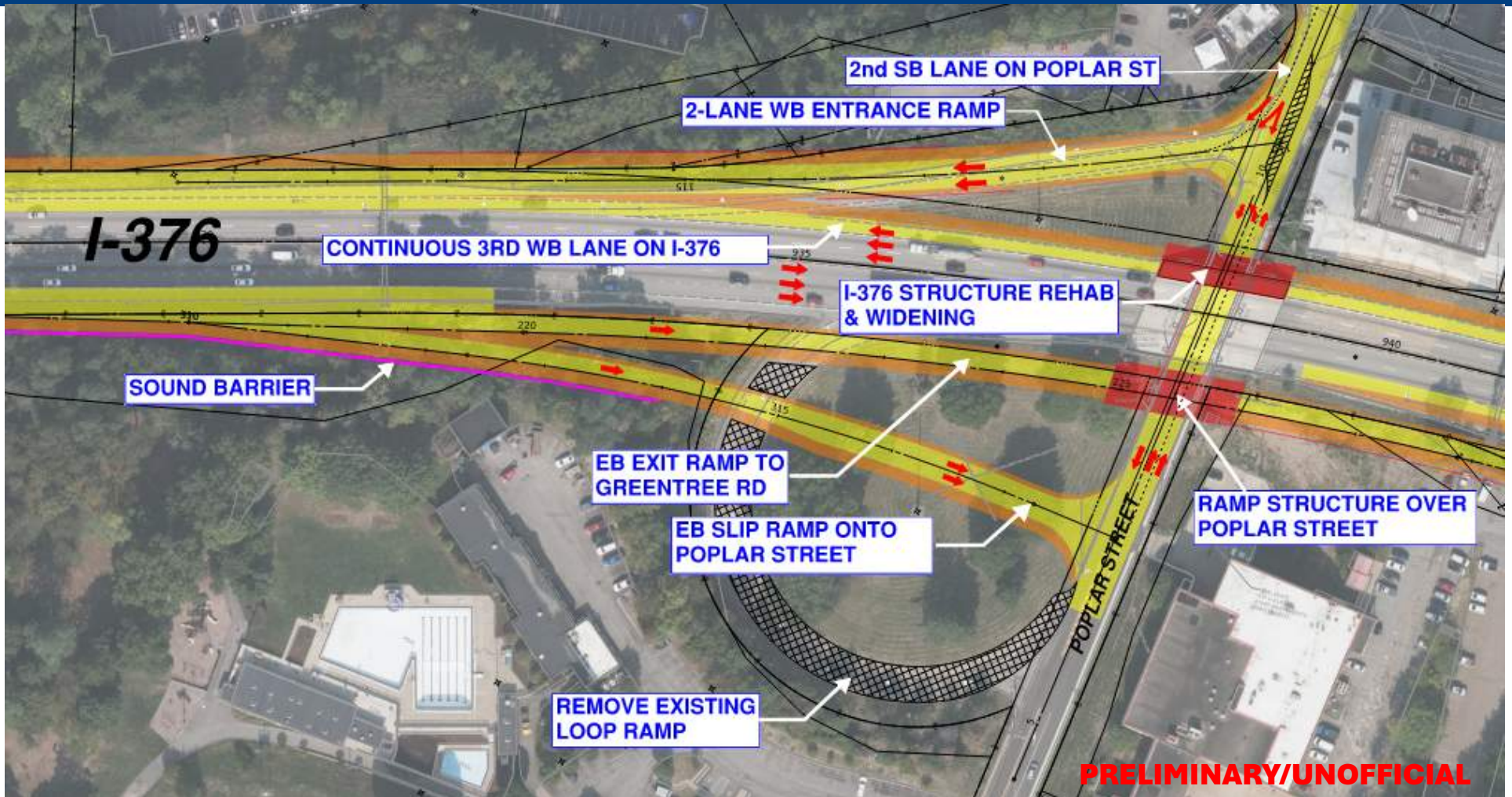
MANSFIELD AVE/GREENTREE RD INTERSECTION



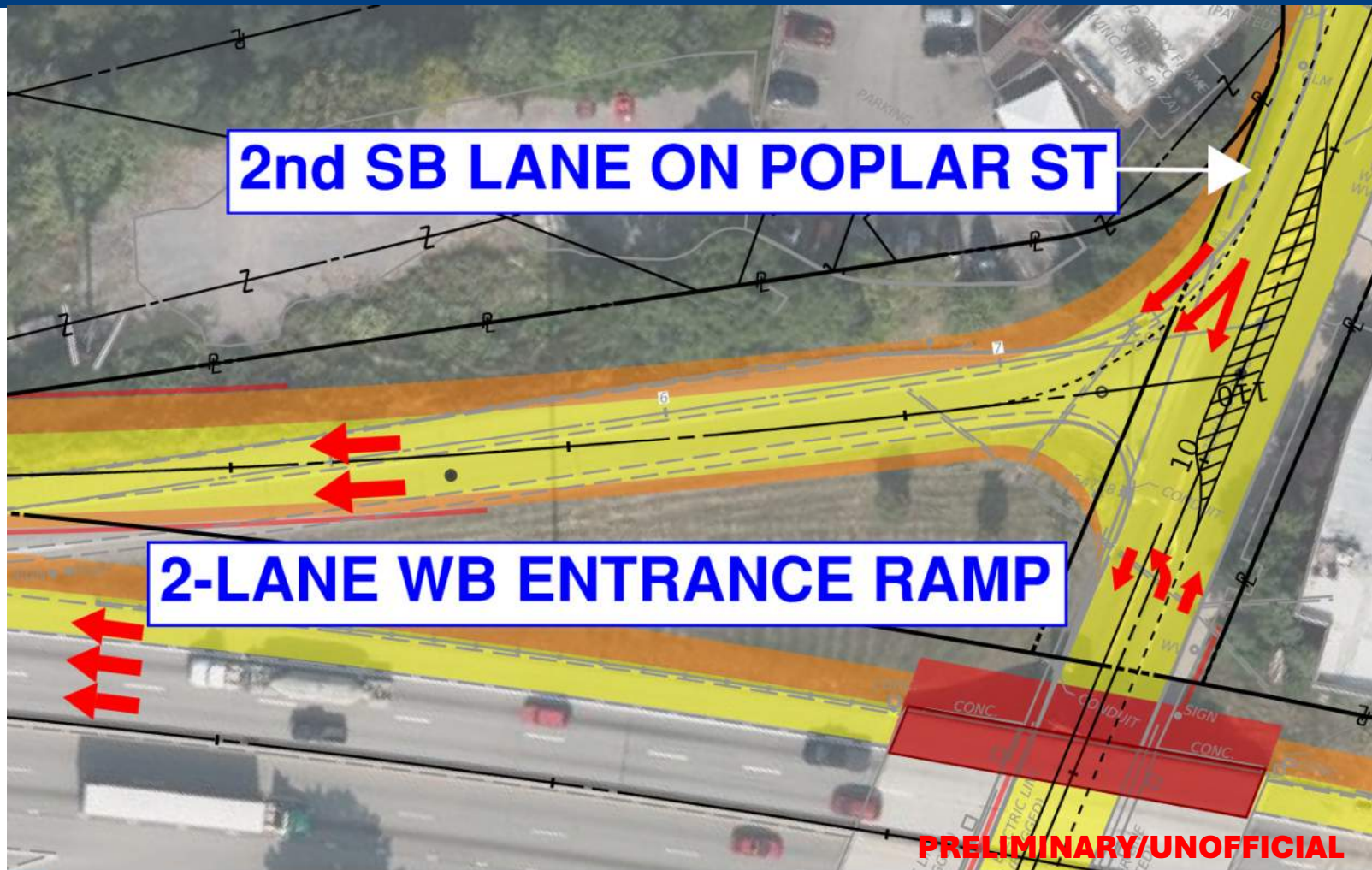
PRELIMINARY/UNOFFICIAL

- **SIGNALIZED INTERSECTION**
- **RE-ESTABLISHING REVERSIBLE MIDDLE LANE CONDITION ON GREENTREE RD.**
- **DUAL RIGHT-TURN LANES FROM MANSFIELD AVE ONTO SB GREENTREE RD.**
- **3 LANES (LEFT, THROUGH, AND RIGHT-THROUGH EXITING FROM I-376 WB EXIT RAMP ONTO GREENTREE RD.**
- **EXCLUSIVE RIGHT-TURN LANE FROM SB GREENTREE RD ONTO MANSFIELD AVE.**

I-376 3RD WB LANE & POPLAR ST. RAMPS



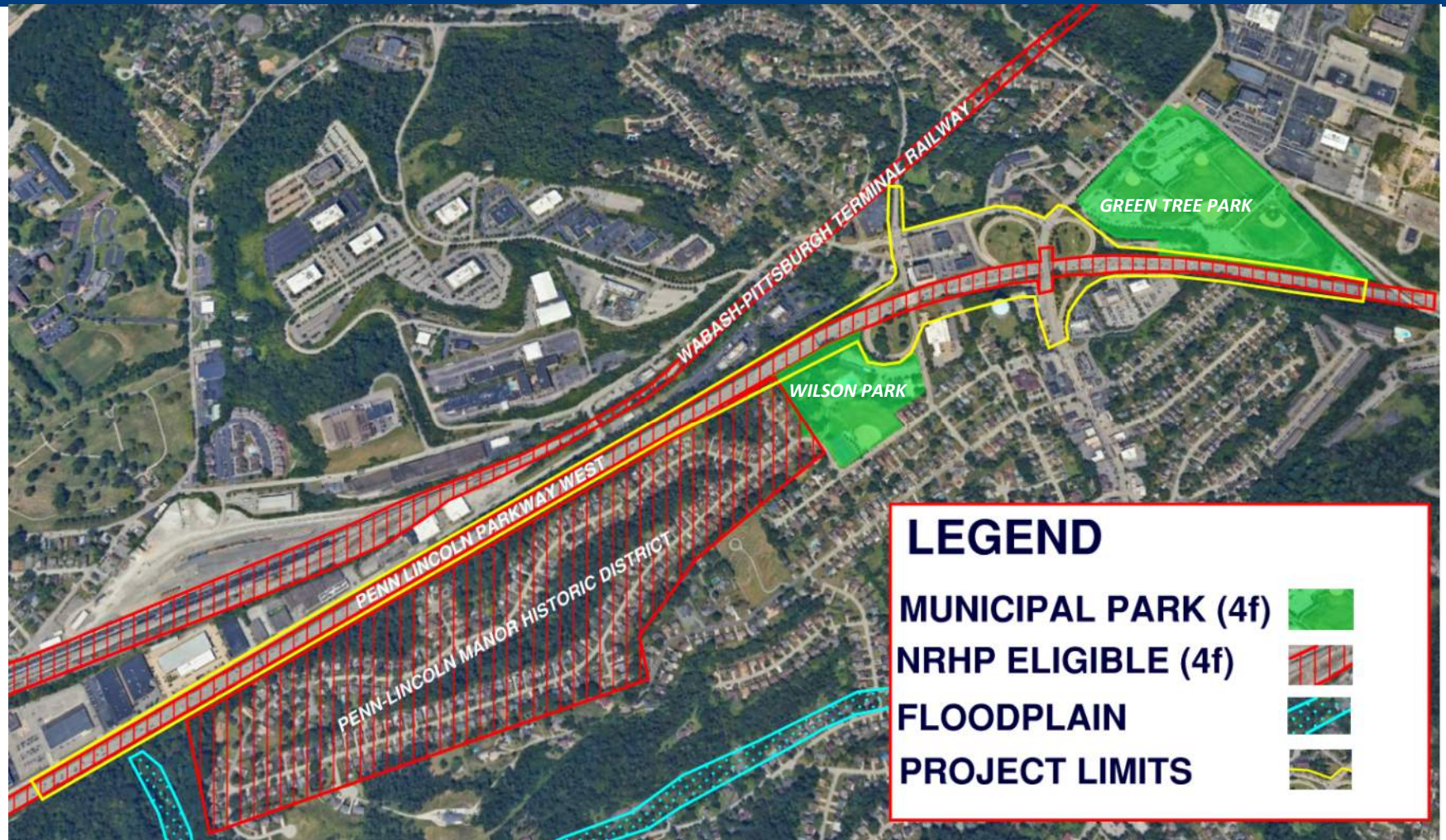
2-LANE I-376 WB ENTRANCE RAMP & POPLAR ST WIDENING



POPLAR ST/MANSFIELD AVE INTERSECTION



ENVIRONMENTAL CONSTRAINTS



WILSON PARK (SECTION 4F RESOURCE)







GREEN TREE PARK (SECTION 4F RESOURCE)



NOISE MITIGATION



RIGHT-OF-WAY IMPACTS

-  **Right-of-way acquisition needed from some properties.**
-  **Temporary and permanent acquisitions will be needed.**
-  **Majority of takes will be slivers on frontage of parcels.**
-  **Property impacts reflected within this presentation are unofficial and preliminary in nature. What properties are affected, and how properties are impacted may evolve as the design process progresses.**

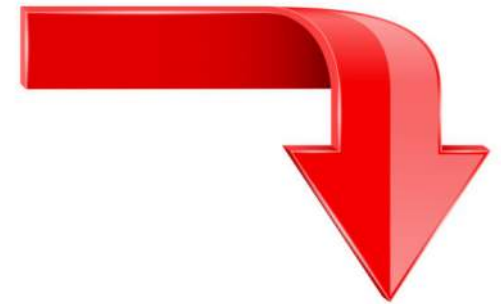
WORK ZONE TRAFFIC CONTROL



SAFETY

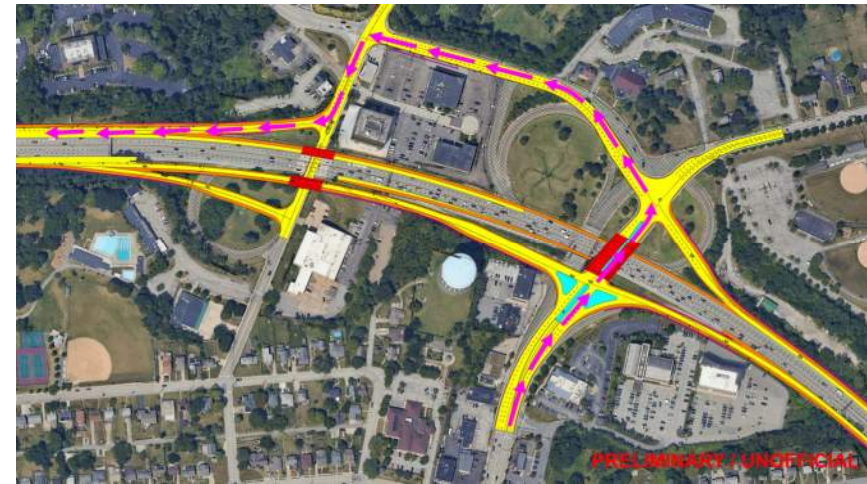
- Interchange upgrades are expected to reduce crashes by 27% per year for the project area.
- Much of the crash reduction in the study area is associated with the I-376 mainline with an expected 25% reduction in crashes per year.
- Eliminating the loop ramp weave areas and stop signs improve traffic flow.
- Proposed ramp configuration is safer and easier to navigate.

-27%
CRASH
REDUCTION



TRAFFIC FLOW

- I-376 WB delays will be reduced by reconfiguring the ramps and continuing the 3rd westbound lane.
- Navigating to and from the interchange from Green Tree will be easier.
- I-376 EB will perform better and be safer, especially during off-peak periods.
- I-376 WB on-ramp is located on Poplar Street. Therefore, Mansfield Ave will be widened to accommodate rerouted traffic to this ramp.



TRAFFIC ANALYSIS

- Traffic analysis was performed to understand future traffic operations.
- Analysis was performed using microsimulation modeling based on projected 2046 traffic volumes:
 - ❑ Microsimulation models allow for more complex analyses.
 - ❑ Provides more insight with how freeways and local networks interact.

TRAFFIC ANALYSIS



Travel times are measured between the I-79 Interchange and the Fort Pitt Bridge

➤ In the **AM** Peak

- ❑ I-376 EB travel time remains the same due to the Ft Pitt Tunnel constraint
- ❑ I-376 WB travel time is reduced by 49% (9.3 mins)

➤ In the **PM** Peak

- ❑ 376 EB travel time is reduced 12% (3.1 mins)
- ❑ 376 WB travel time is reduced 26% (10.9 mins)

ESTIMATED MILESTONE DATES

- **Preliminary Engineering - Through 2025**
- **Final Design and Right-of-Way - 2026-2028**
 - ❑ **Next Public Meeting**
 - ❑ **Sound Barrier Meeting**
- **Award Construction Project - Early 2029**
 - ❑ **Estimated Cost = \$105M**
- **Construction - 2029-2031**
- **Project Completed/Open to Traffic - Early 2032**

PRELIMINARY/UNOFFICIAL

PROJECT WEBSITE & COMMENT FORM



SCAN ME

The comment form can be found at
<https://bit.ly/3QaXQNp>

Click the **“Submit a Comment”** button.

Select **“I-376 Parkway West –
Green Tree Interchange Project”** from
the list of projects in the dropdown box.

QUESTIONS?

For additional information, contact...

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