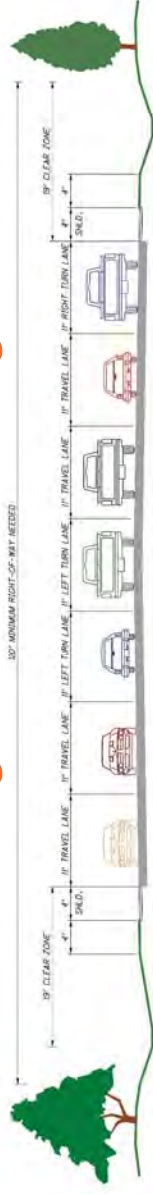


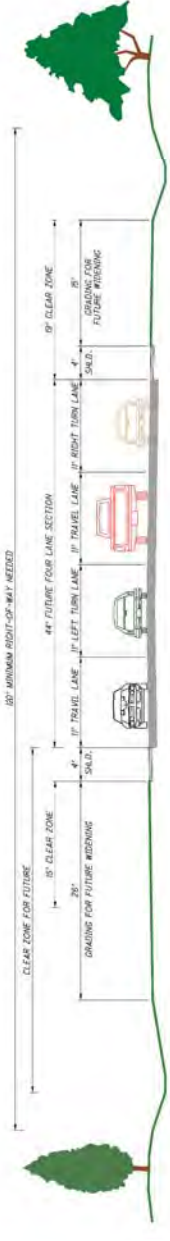
Orange Road/ US 23 Intersection Improvements



East Orange Road Lane Configuration



EAST ORANGE ROAD - SECTION LOOKING WEST TOWARDS US 23
7-LANE SECTION
4' TRAVEL LANES, 4' TREATED SHOULDERS



EAST ORANGE ROAD - SECTION LOOKING EAST TOWARDS US 23
4-LANE SECTION WITH GRADING FOR 3 FUTURE LANES
4' TRAVEL LANES, 4' TREATED SHOULDERS

West Orange Road Lane Configuration



WEST ORANGE ROAD - SECTION LOOKING WEST TOWARDS US 23
5-LANE SECTION
4' TRAVEL LANES, 4' TREATED SHOULDERS



WEST ORANGE ROAD - SECTION LOOKING EAST TOWARDS US 23
4-LANE SECTION WITH GRADING FOR 3 FUTURE LANES
4' TRAVEL LANES, 4' TREATED SHOULDERS

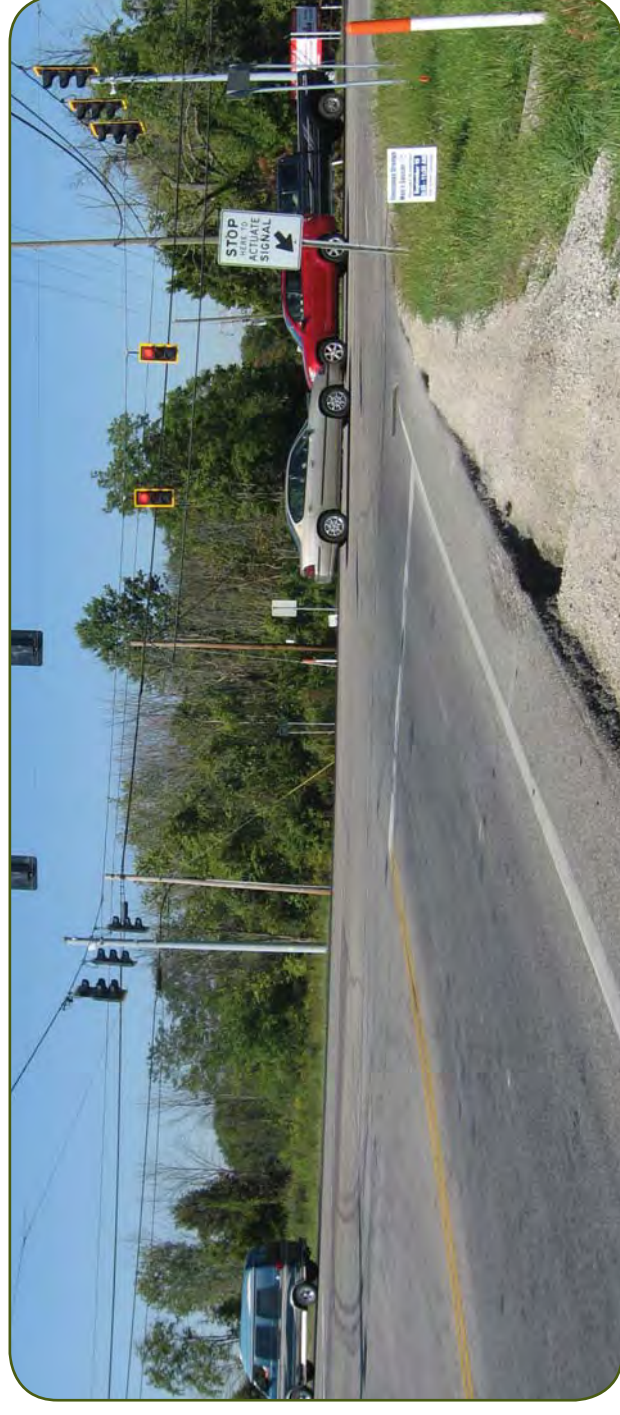
Orange Road Corridor Improvements Project

The Orange Road Corridor Technical Studies Report investigated the safety and operations of the Corridor and compiled the technical analysis and studies needed to make recommendations for improvement of the Corridor. This technical report provided an overview of analysis conducted for the Orange Road (TR 114) Corridor between the Liberty Township/Orange Township line and a point 150 feet east of the railroad crossing. The study team conducted field visits to observe the issues along the Corridor and met with representatives from Delaware County and Orange Township to discuss their observations and future plans for the Corridor. Data was then compiled and analyzed. This technical analysis was performed in order to gain a better understanding and to quantify the identified transportation problem areas.

Recommended improvement strategies for the Orange Road Corridor include modifications at the US 23 and Orange Road intersection, implementation of a Florida-T at the Highfield Drive intersection, and installation of a traffic signal at Green Meadows Drive. In addition, access restrictions at the frontage roads as well as North Central Drive will minimize delay and reduce the risk of crashes.

Key Project Recommendations

- Reduce crashes while increasing capacity by adding through and auxiliary lanes at the US 23 intersection.
- Improve operations while decreasing crashes by implementing a traffic signal at Green Meadows Drive.
- Implement a Florida-T configuration at the Highfield Drive intersection to improve safety without signalization.
- Reduce crashes and congestion at the intersections along East Orange Road by prohibiting dangerous turning movements.
- Improve traffic flow along the Corridor by providing additional travel lanes to accommodate growth.
- Improve safety by providing wider travel lanes and safety grading along West Orange Road.



Phasing of Orange Road Corridor Improvements

