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# Scioto Darby Road Improvements (CIP T-21) Leppert Road Improvements (CIP T-129)

Hilliard City Council Meeting  
November 16, 2015

**BURGESS & NIPLE**  
Engineers ■ Architects ■ Planners

# Presentation Outline

1. Review Project Goals
2. Project History
3. Key Elements of the Design
4. Project Timeline & Budget
5. Planned Maintenance of Traffic



# Project Goals

1. Improve pedestrian/bicycle mobility and safety
2. Increase vehicular capacity while reducing speed

## Other Key Considerations:

- Scioto Darby/Veterans Memorial Intersection operations (vehicles & pedestrians)
- Street crossing treatments for pedestrians
- On & Off-street accommodations for cyclists

# Project History

## 2013

- Steering Committee formed (Engineering, HPD, NTFD, R&P, HCSD, Consultant)
- Public Survey
- Development of 4 Alternatives & Refinement

## 2014

- Public Meeting – 2 Alternatives Presented
- Review Public Comment (55/45 split)
- Selected Preferred Alternative
- Began Detailed Design

# Selected Alternative

## Preferred Alternative from January 2014 Public Meeting



# Project History

## 2015

- Plans completed to ~95%
- Utility Coordination
- 2<sup>nd</sup> Public Meeting (this evening)
- Begin property acquisition work
  - 10 properties impacted  
(7 permanent ROW; 3 temporary easements only)

# Key Elements of Design - Bird's Eye View

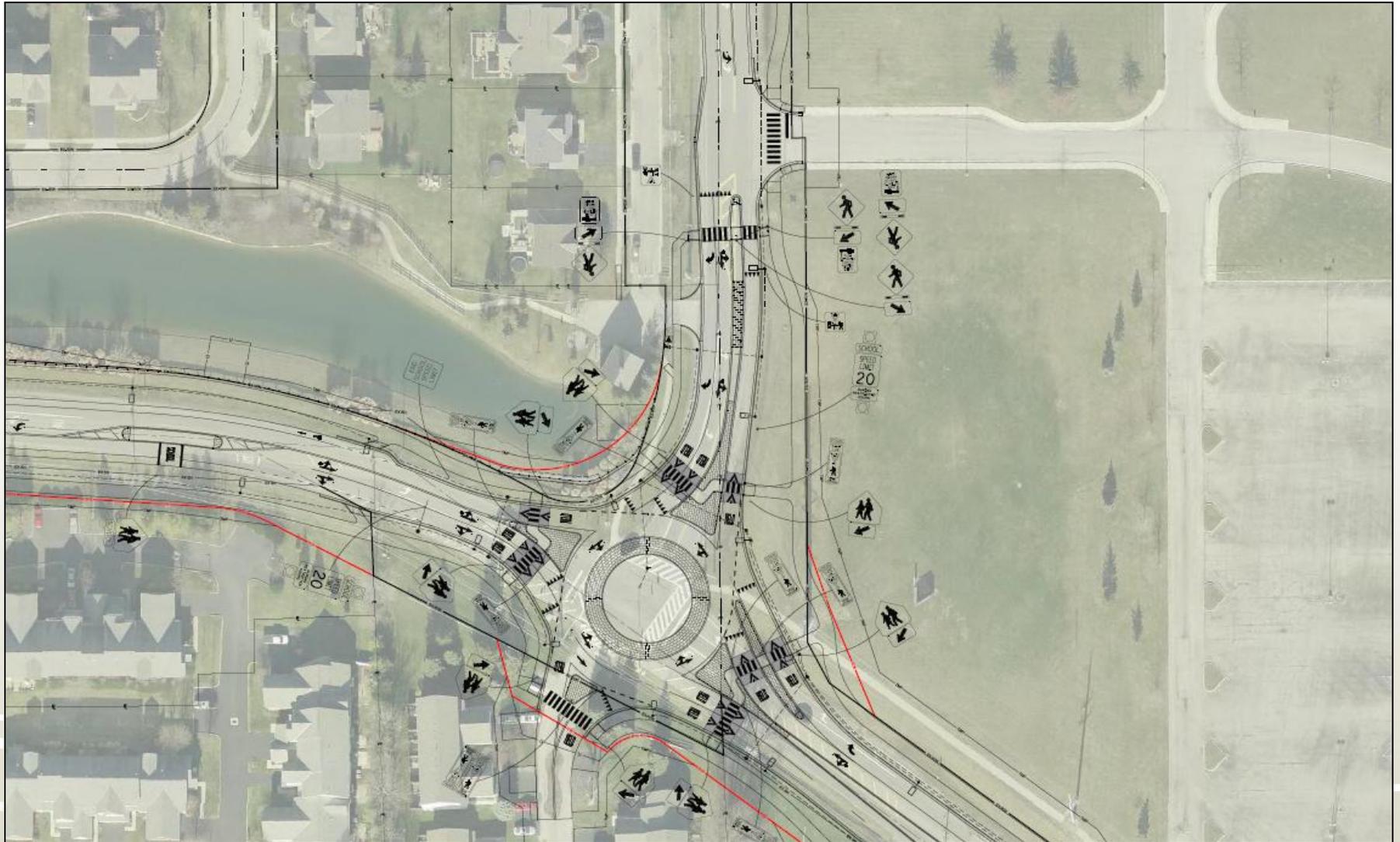


- Off-Street ped facilities throughout
- Connection to Heritage Trail
- Scioto Darby Rd:
  - 2 lanes in each direction – east
  - 1 lane in each direction – west
- Leppert Rd: shoulder & resurfacing
- Unique pedestrian crossing treatments
- Traffic Calming elements
  - Vertical & horizontal
- Supplemental school zone signing
- Street lighting
- Unique storm water controls
- Landscaping

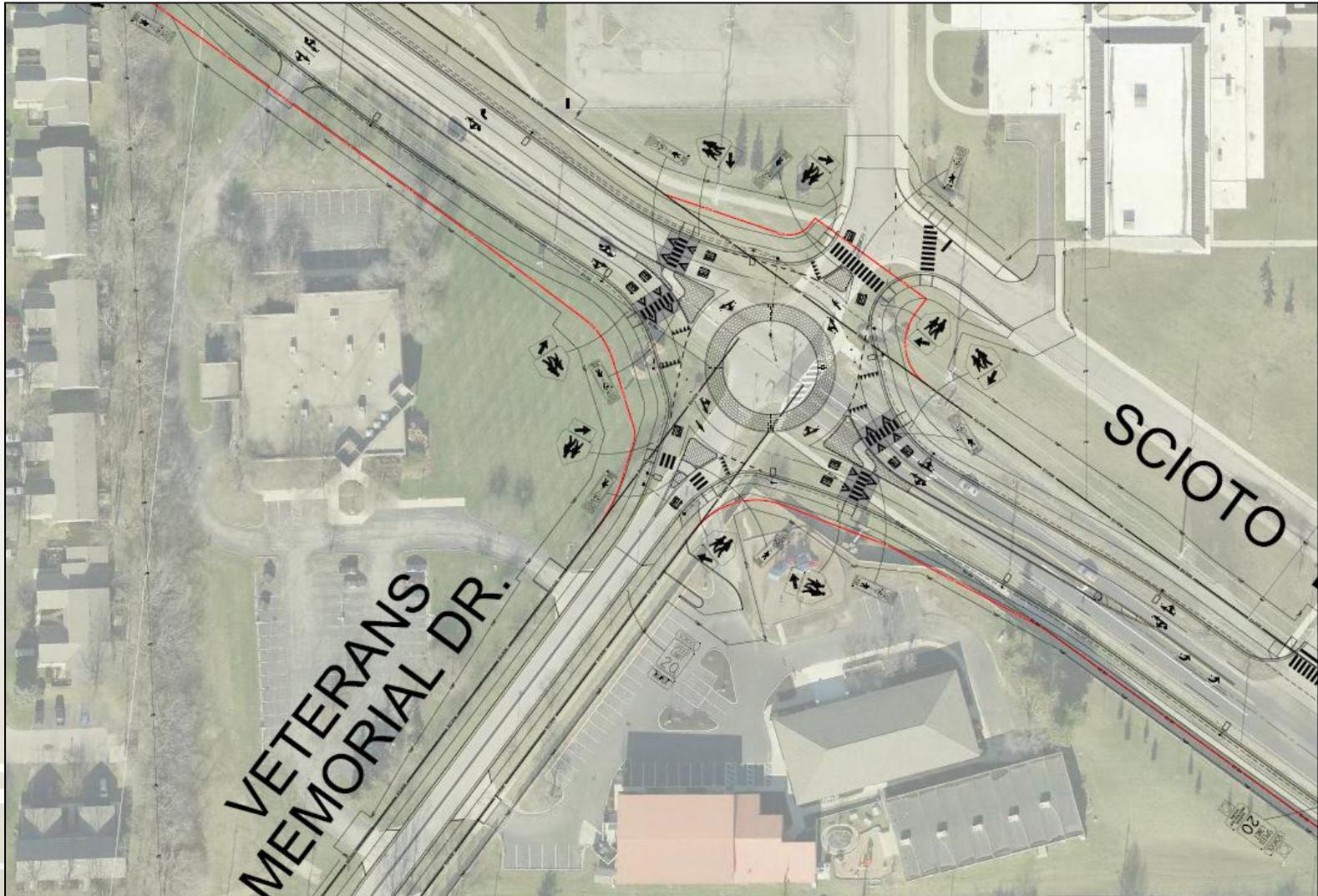
# Key Elements of Design - Scioto Darby & Hoffman Farms



# Key Elements of Design - Scioto Darby & Leppert



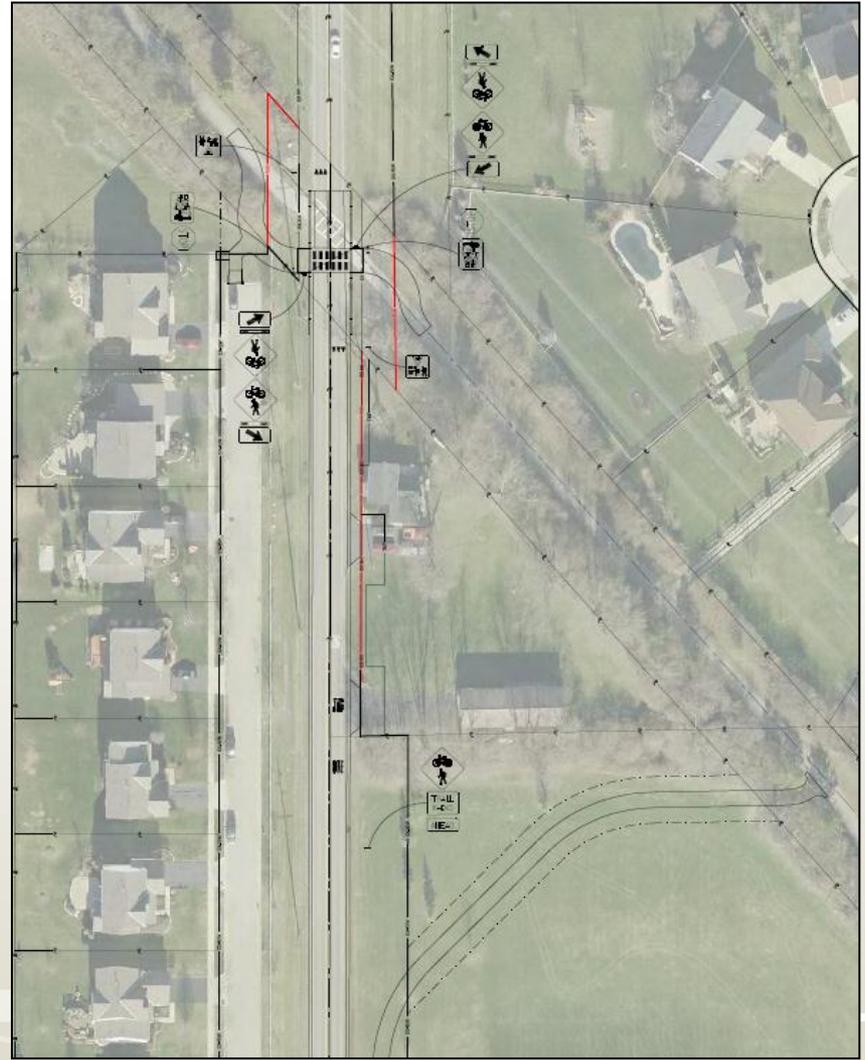
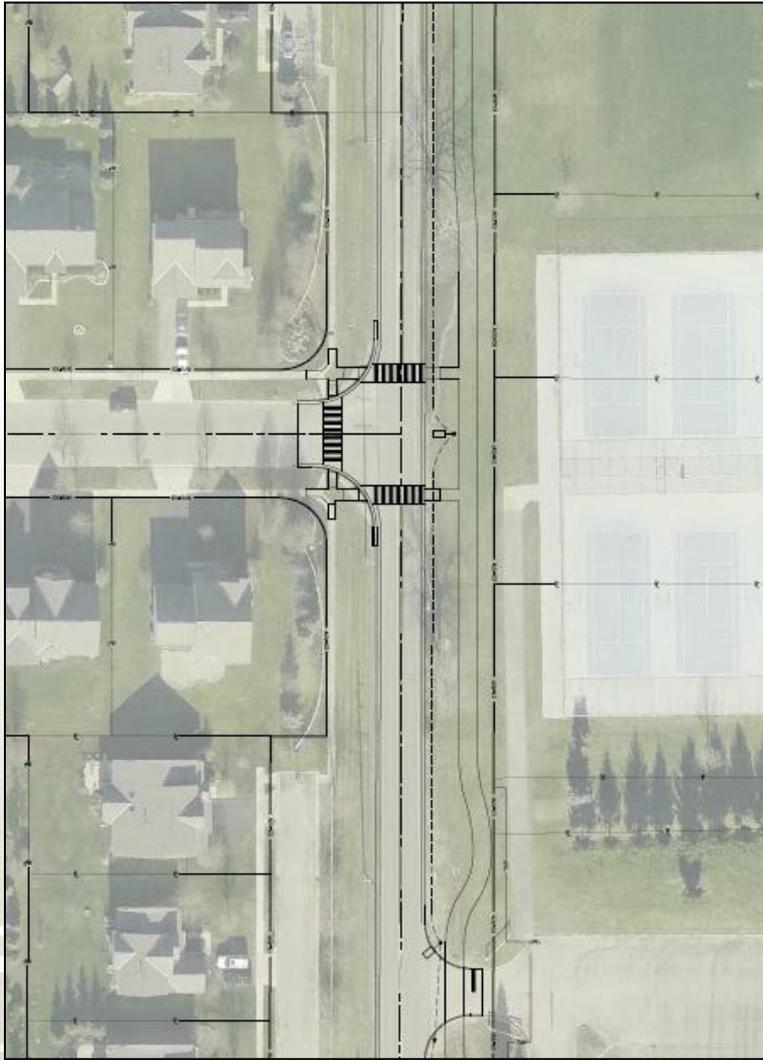
# Key Elements of Design - Scioto Darby & Vets Memorial



# Key Elements of Design - Leppert Rd & Laura Ln



# Key Elements of Design - Leppert Rd & Schoolway Dr and Leppert Rd & Heritage Trail



# Project Timeline & Budget

- Plan Completion, ROW Acquisition, and Utility Relocation - 2016
- Award Contract by March 1, 2017\*
- Construction Spring 2017 – Fall 2018\*

\* Assumes funding is secured in CIP and/or through a combination of OPWC grants/loans

	Fiscal Year =				
	2016	2017	2018	2019	2020
Design/Engineering	\$60,000	\$10,000	\$10,000		
Right-of-Way	\$475,000	\$50,000			
Utilities	\$375,000				
Construction		\$6,900,000			
Contract Admin./Inspection		\$690,000	\$10,000		

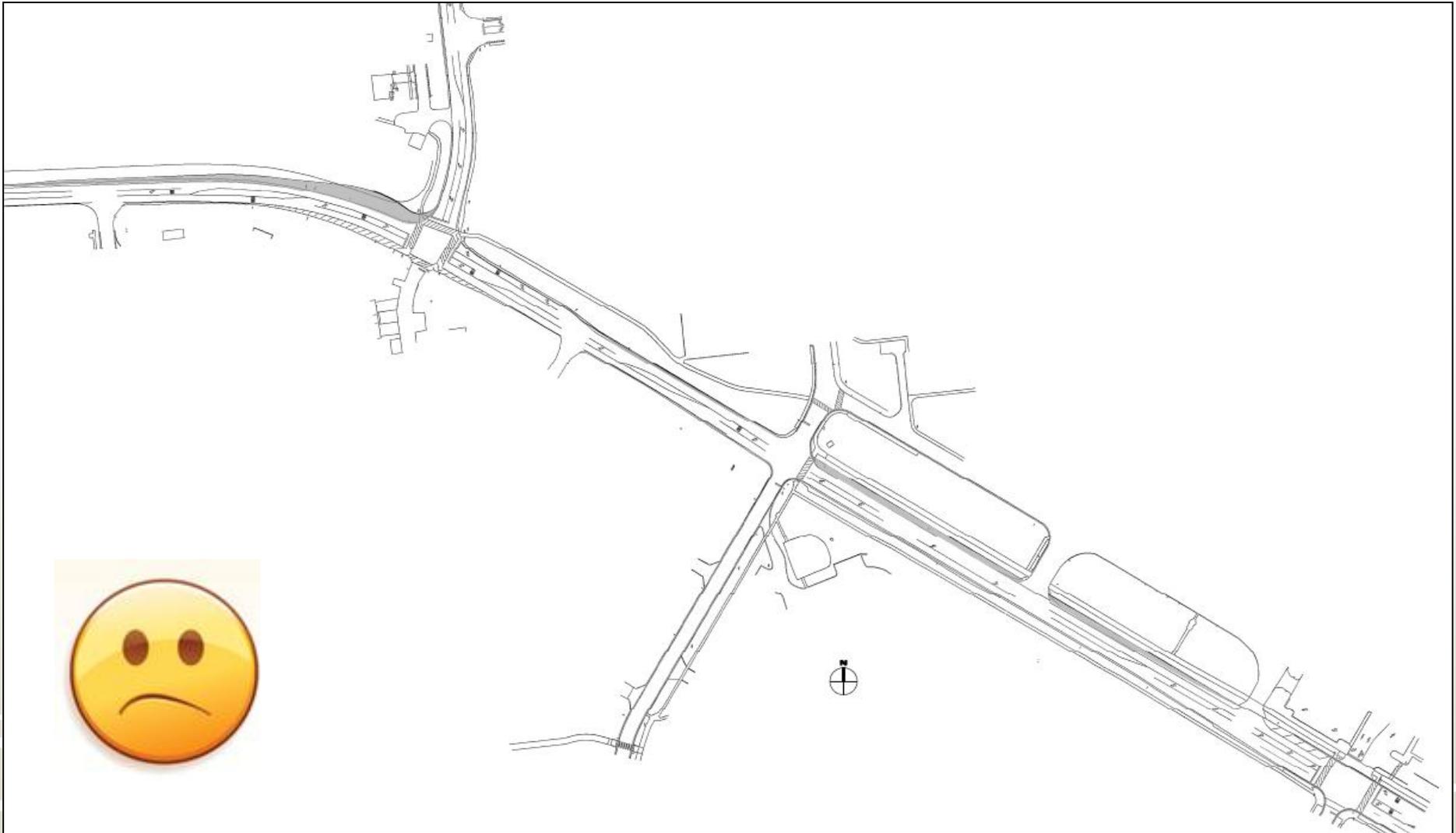
# Maintenance of Traffic Challenges

- Schools
- Municipal Park & HFAC
- Sunrise Academy
- Urgent Care & Medical Business
- Parkside Court Apartments

# Maintenance of Traffic – Pre Phase 1 (2017)

- Build Temporary Pavement on north side of Scioto Darby Road
- Off-street underground work (sanitary force main, storm sewer)
- Leppert Road shoulder improvements, resurfacing & path construction concurrent
- Work in 2017 is expected to cause some inconvenience to the public, but there will be no major closures, detours, or driveway restrictions

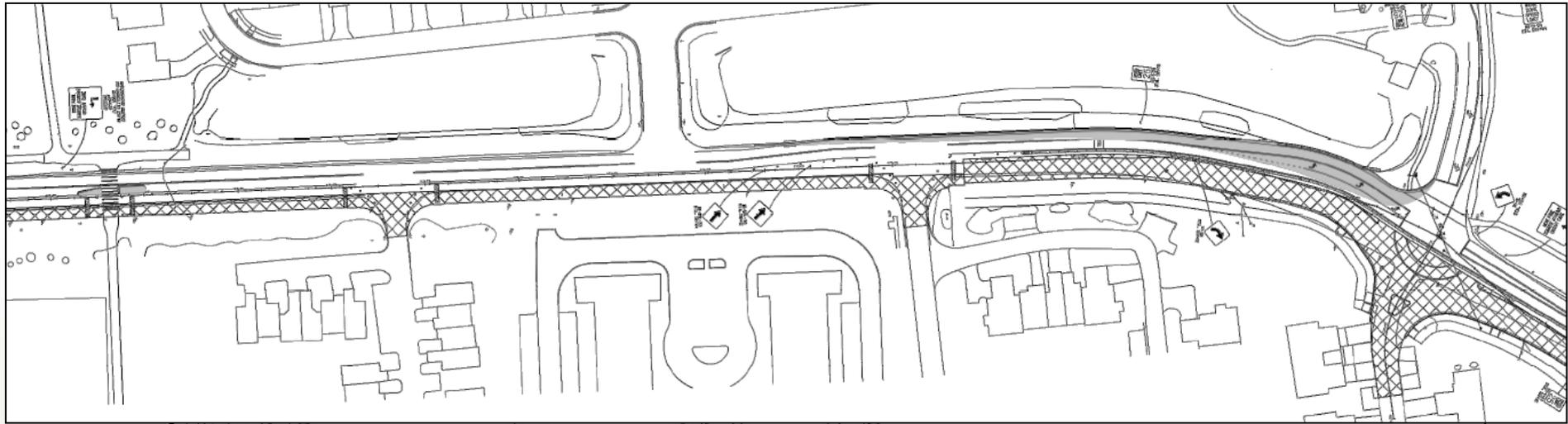
# Maintenance of Traffic – Pre Phase 1 (2017)



# Maintenance of Traffic – Phase 1 (Spring 2018)

- Shift traffic to north side of Scioto Darby
- Build south side of Scioto Darby
- Driveway restrictions
- Detours to Municipal Park, Medical Building & Sunrise Academy using west entrance
- North side school driveways maintained but some turn lanes eliminated
- Parkside Ct – part width construction with turn restrictions

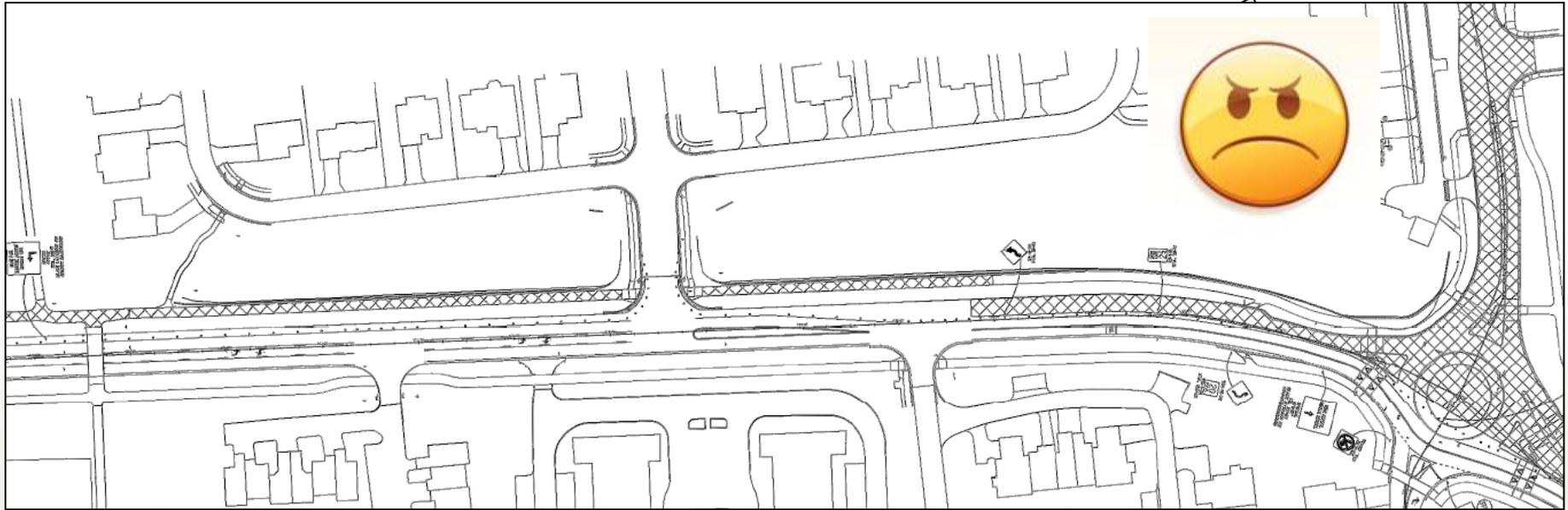
# Maintenance of Traffic – Phase 1 (Spring 2018)



## Maintenance of Traffic – Phase 2 (Summer 2018)

- Shift traffic to south side of Scioto Darby
- Access to south side maintained but with left turn restrictions (west park entrance still used)
- Build north side of Scioto Darby
- Close Leppert Road to all traffic between Scioto Darby Road & 1<sup>st</sup> Darby/Heritage driveway - traffic detour established
- Close Heritage MS driveway
- Shifting closures at other school driveways

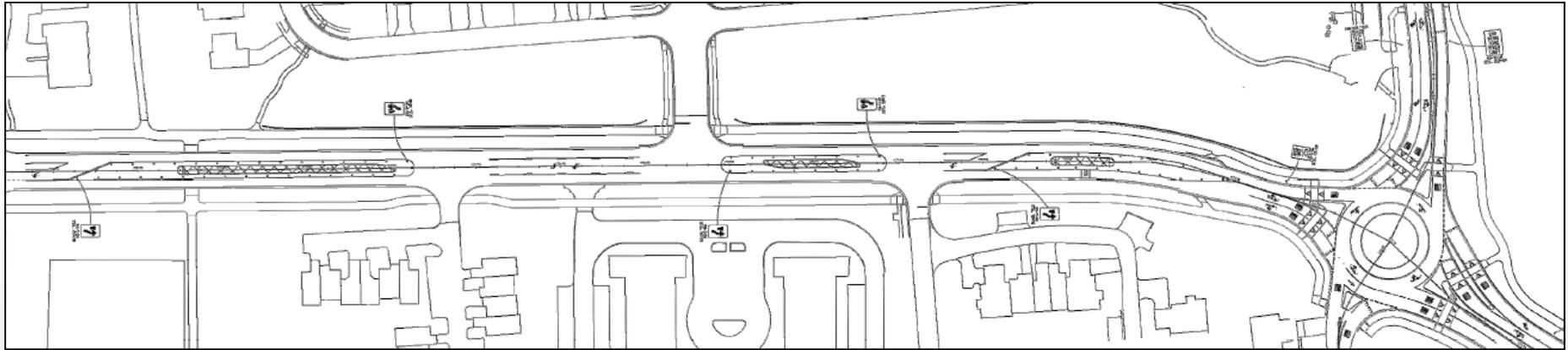
# Maintenance of Traffic – Phase 2 (Summer 2018)



# Maintenance of Traffic – Phase 3 (Fall 2018)

- Construct the center medians
- Final surfacing & traffic control
- Landscaping & stormwater controls (rain gardens)

# Maintenance of Traffic – Phase 3 (Fall 2018)



# Closing Thoughts – A Thanksgiving Analogy

The path to this:



Must first go through this:



# Questions and Comments?

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