

5TH URBAN STREET SYMPOSIUM | May 21 - 24, 2017

# Tremont Road – Completing the Street

**Presented By: Amy Rosepiller**

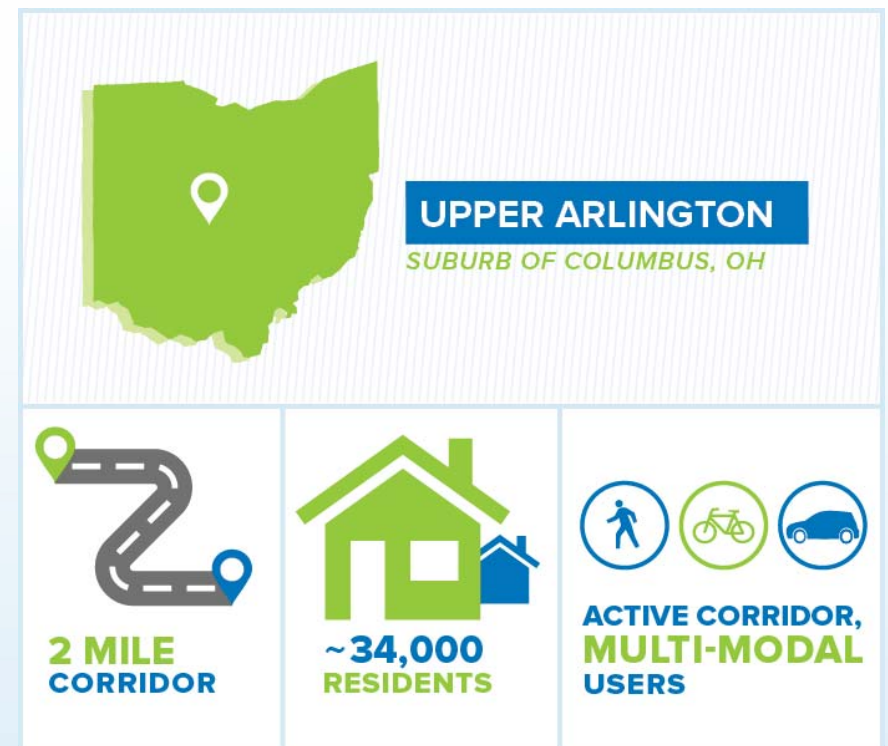
Credits: Amy Rosepiller, Emilie Worley, Jackie Thiel

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Engineers ■ Architects ■ Planners

*Ideas in motion.*

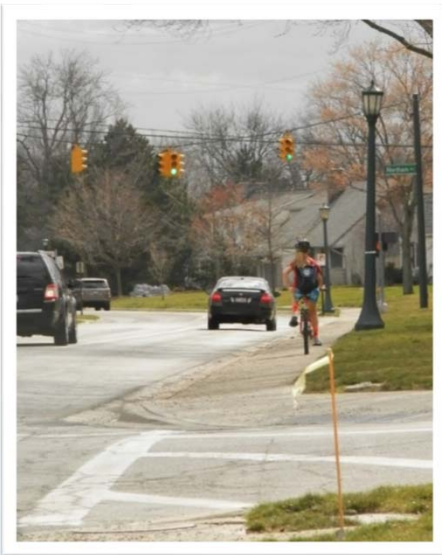
# Tremont Road Corridor

- Located in Upper Arlington, suburb of Columbus, Ohio
- Home to ~34,000 very involved residents
- 2 mile corridor, considered “Main Street” of Upper Arlington



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# Project Beginnings



- **GOAL** – take advantage of reconstruction and revitalize the corridor to improve safety and access for pedestrians, bicyclists, transit users, and vehicles.

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Corridor at a Glance



# Challenges & Solutions



# A Challenging Project Corridor

## ■ Challenges:

- Tight construction schedule
- Narrow Right-of-Way
- Overhead utilities
- Bus stops
- No bike facilities
- Narrow sidewalks close to road
- Confusing intersections



CHALLENGE ACCEPTED

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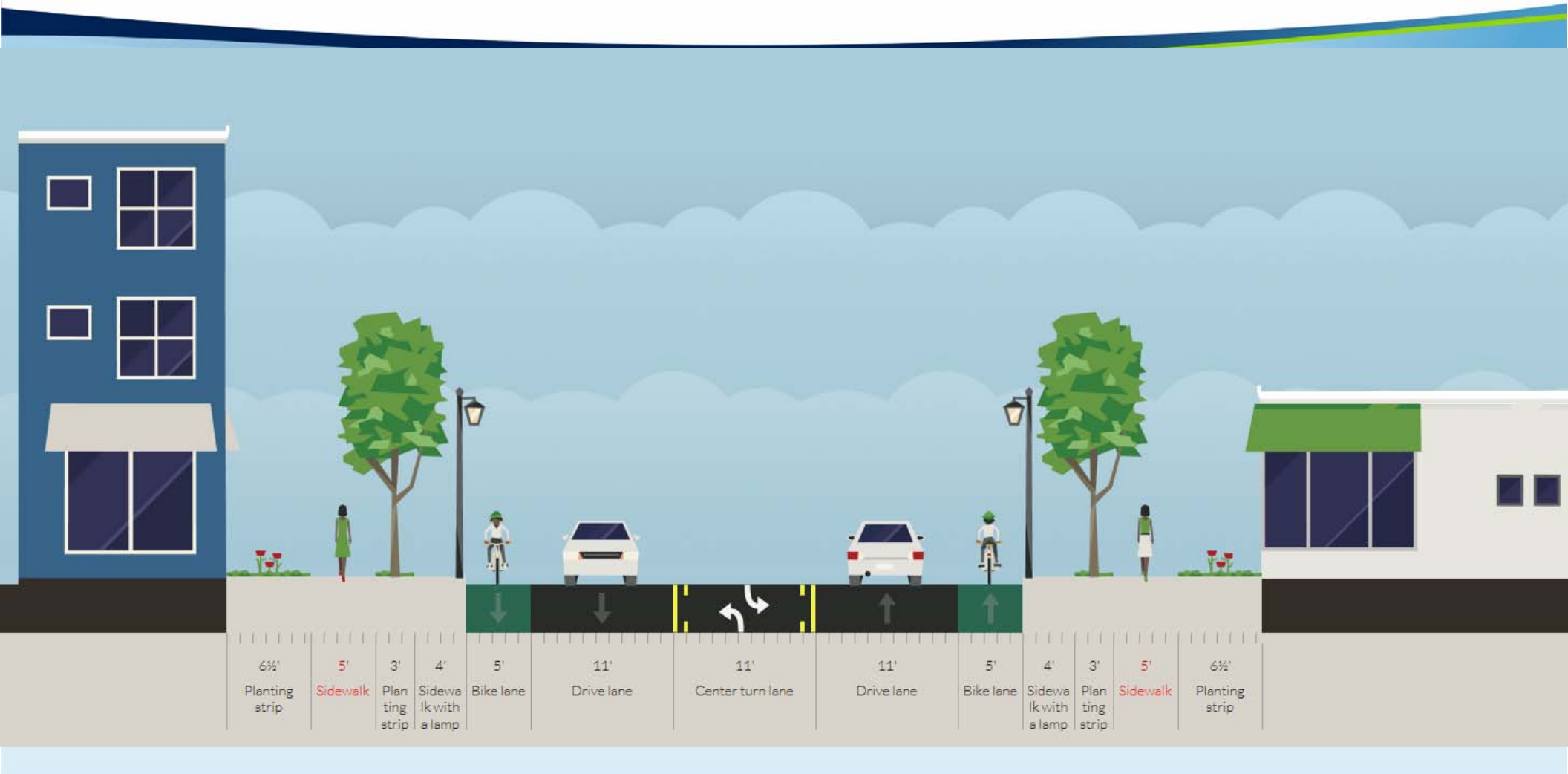




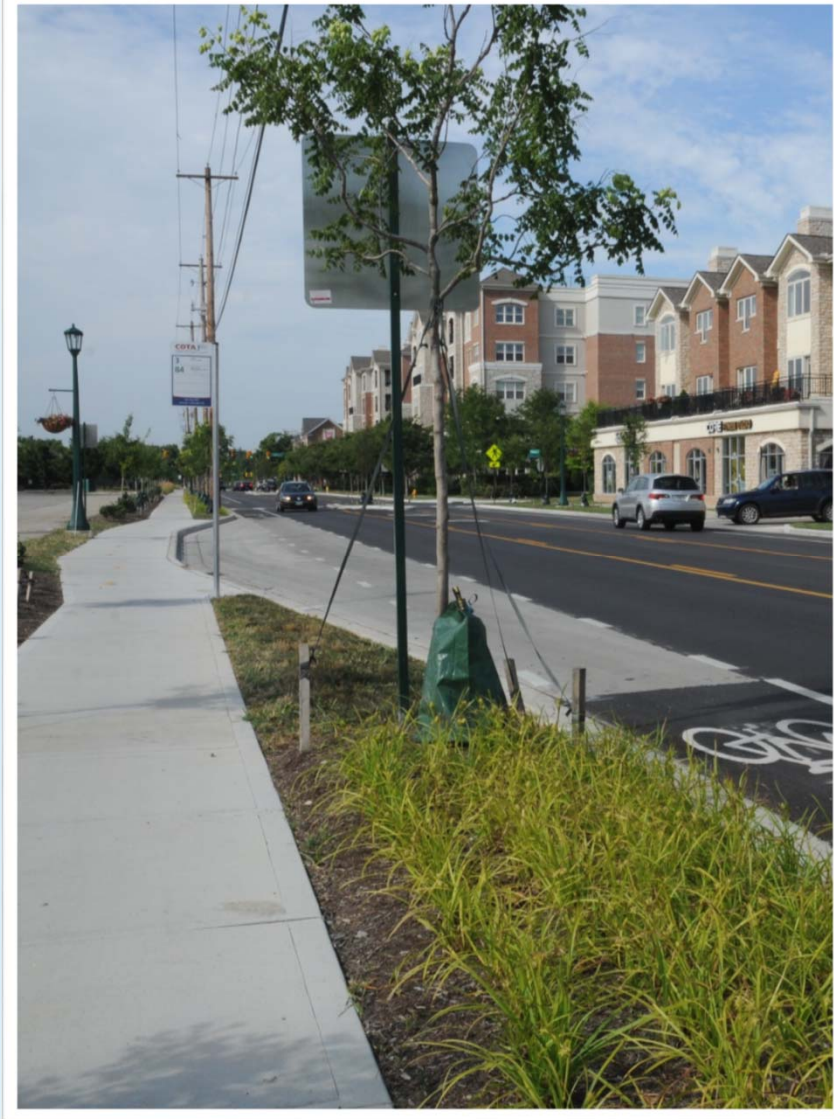
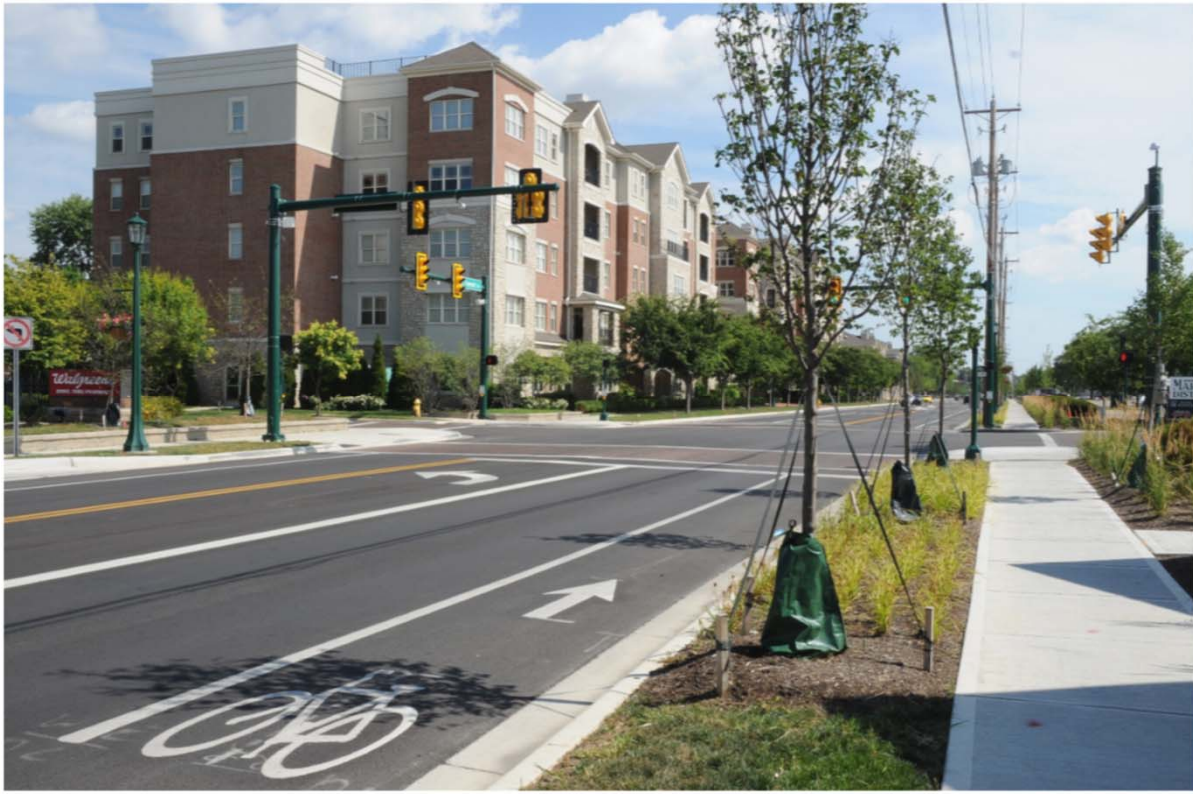
Working with Tight Schedules



# Creating More Space To Fit It All In



# Repurposing the Right-of-Way





# Slimming the Corridor Even Further!

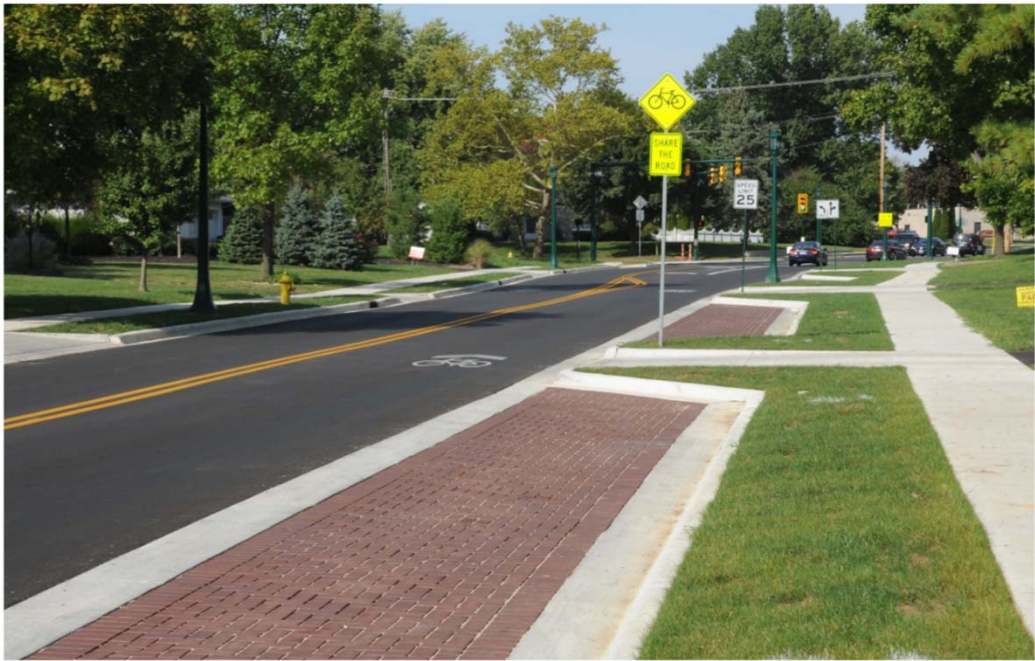
- Tremont Road from Fishinger Road to Kenny Road





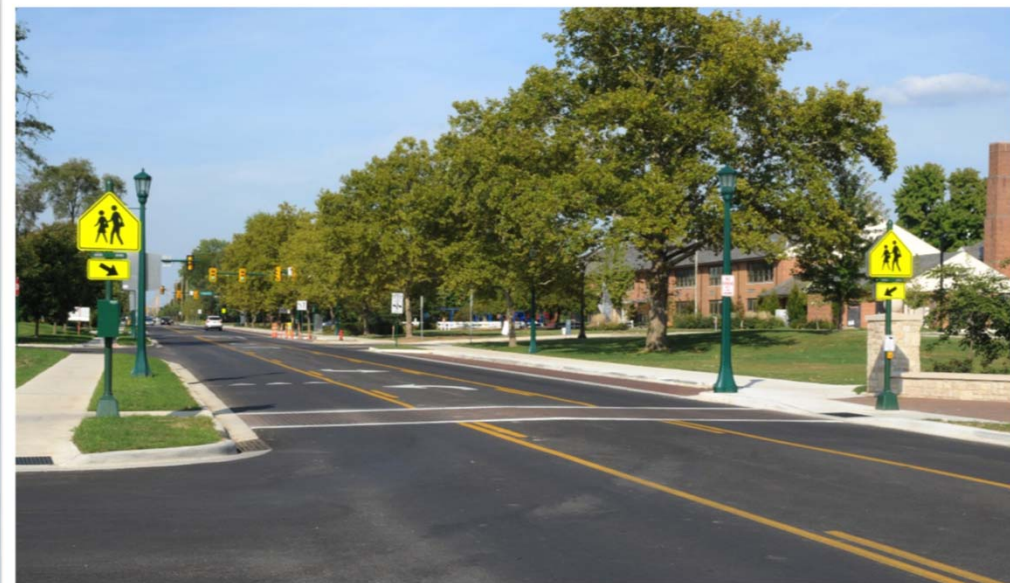
# How Do We Get The Bikes Thru?

- Improved bikeability was achieved with a combination of bike lanes, shared use path, and sharrows



# Making Pedestrians Safer

- Introduction of tree lawn for separation
- Specialty paving at intersections
- Planted medians at mid-block crossings
- Rectangular Rapid Flashing Beacon





# Which Way Do I Go?

Two intersections reviewed:

- Dorset Road
- Redding Road



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# Dorset Road

- Library drive and shopping center access intersection only 100' north of Dorset Road intersection
- Northbound left turn movement unclear – is the car turning onto Dorset Road or into the Tremont Center?
- Parking lot used as a cut through to library lot



# Dorset Road

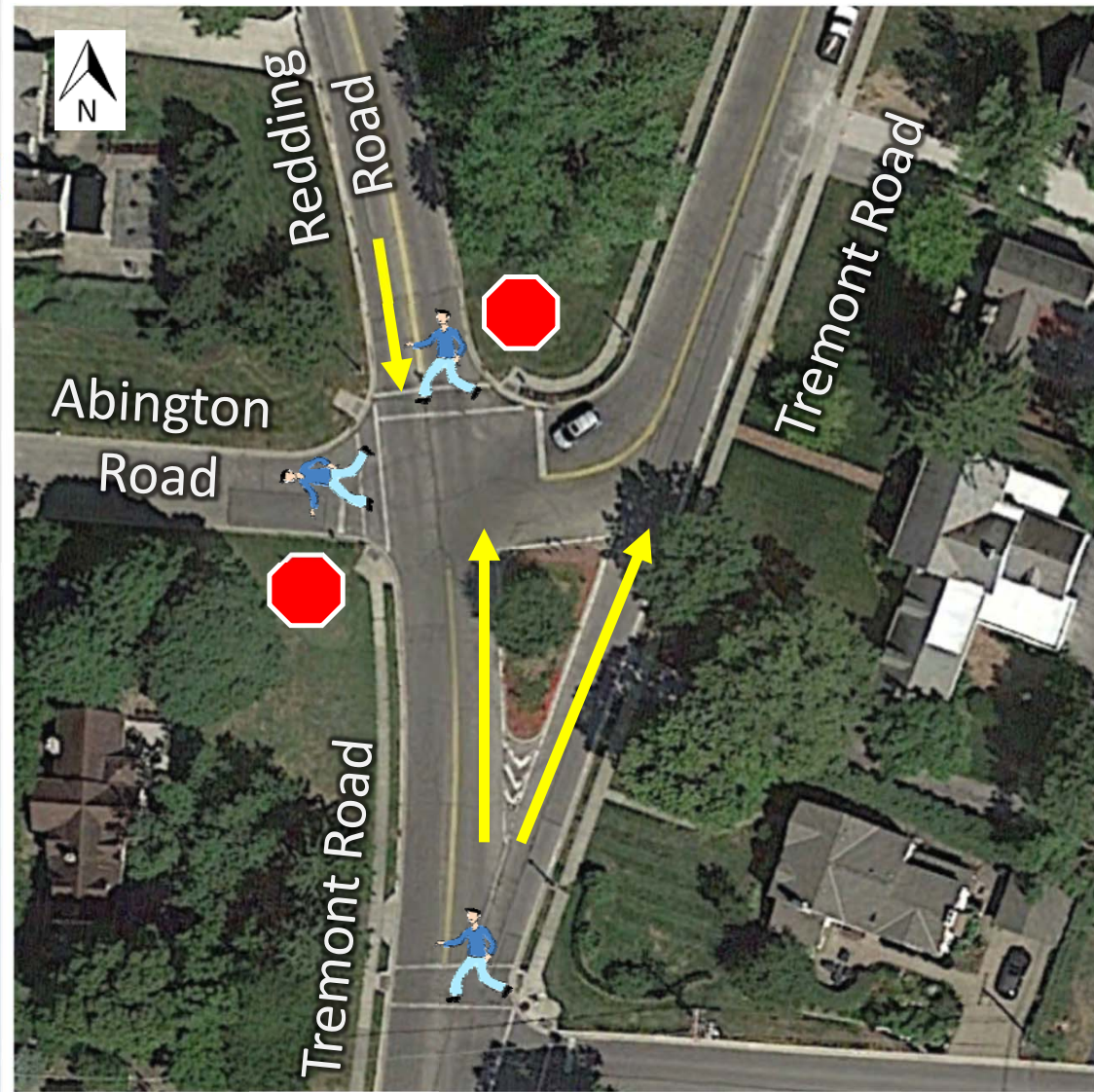
- Moved access to shopping center to Dorset Road
- Aligned Library Drive and Dorset Road to create single intersection
- Clear pedestrian crossings and left turn movements
- Created more parking on same side as library
- No right-of-way required





# Redding Road

- No recorded crashes but identified as an “awkward” intersection
- Pedestrian and bicycle path unclear
- 80' right-of-way limited reconstruction footprint
- Speeds above posted speed limit
- Free flow movements in multiple directions





# Redding Road

- 85' ID mini-roundabout
- Less delay than other options
- Accommodated fire trucks
- Raised Center Island with hardscape
- Fit within right-of-way
- Minimal cost increase



# Mini Roundabouts and EMS



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# Project Success

## PHASE 1



Completed  
**40** days ahead  
of schedule

## PHASE 2



Completed  
**54** days ahead  
of schedule

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# Project Success

“  
It looks amazing! I love  
the new sidewalks and  
crossings! So much **safer  
for pedestrians**, especially  
kids walking to school!

— Caroline O. on August 16, 2016

“  
Love a **roundabout at that  
location!** Well done UA.

— Sandy Z. on July 29, 2016

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# Project Success







# Questions?

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