

LAK-44 Crile Road Connector

Concord Township, Lake County Ohio



Stakeholder Workshop

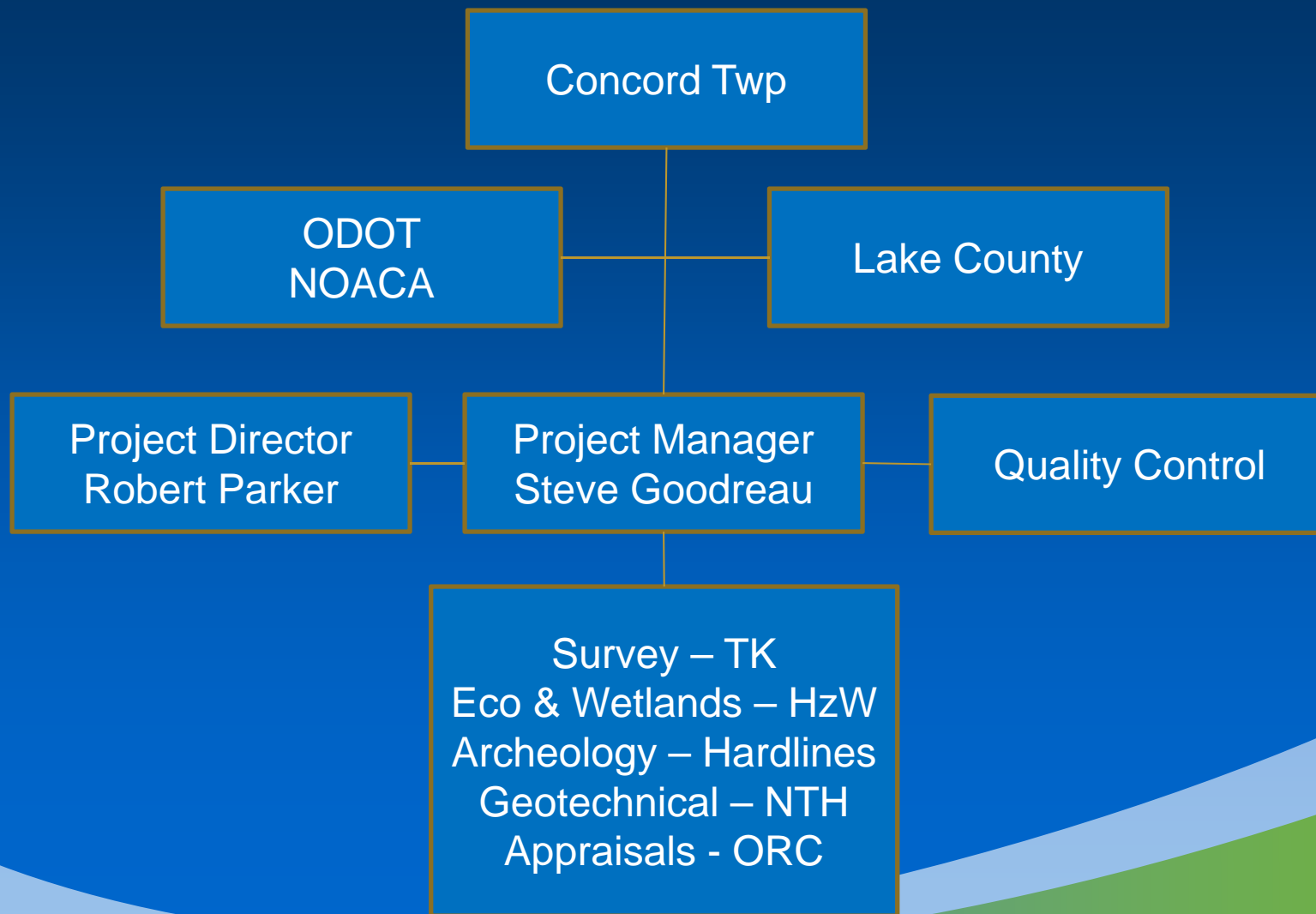
December 13, 2011

WilburSmith
ASSOCIATES

Agenda

- Introduction
- Development Process
- Purpose & need
- Environmental
- Feasible Alternatives
- Open House Discussion

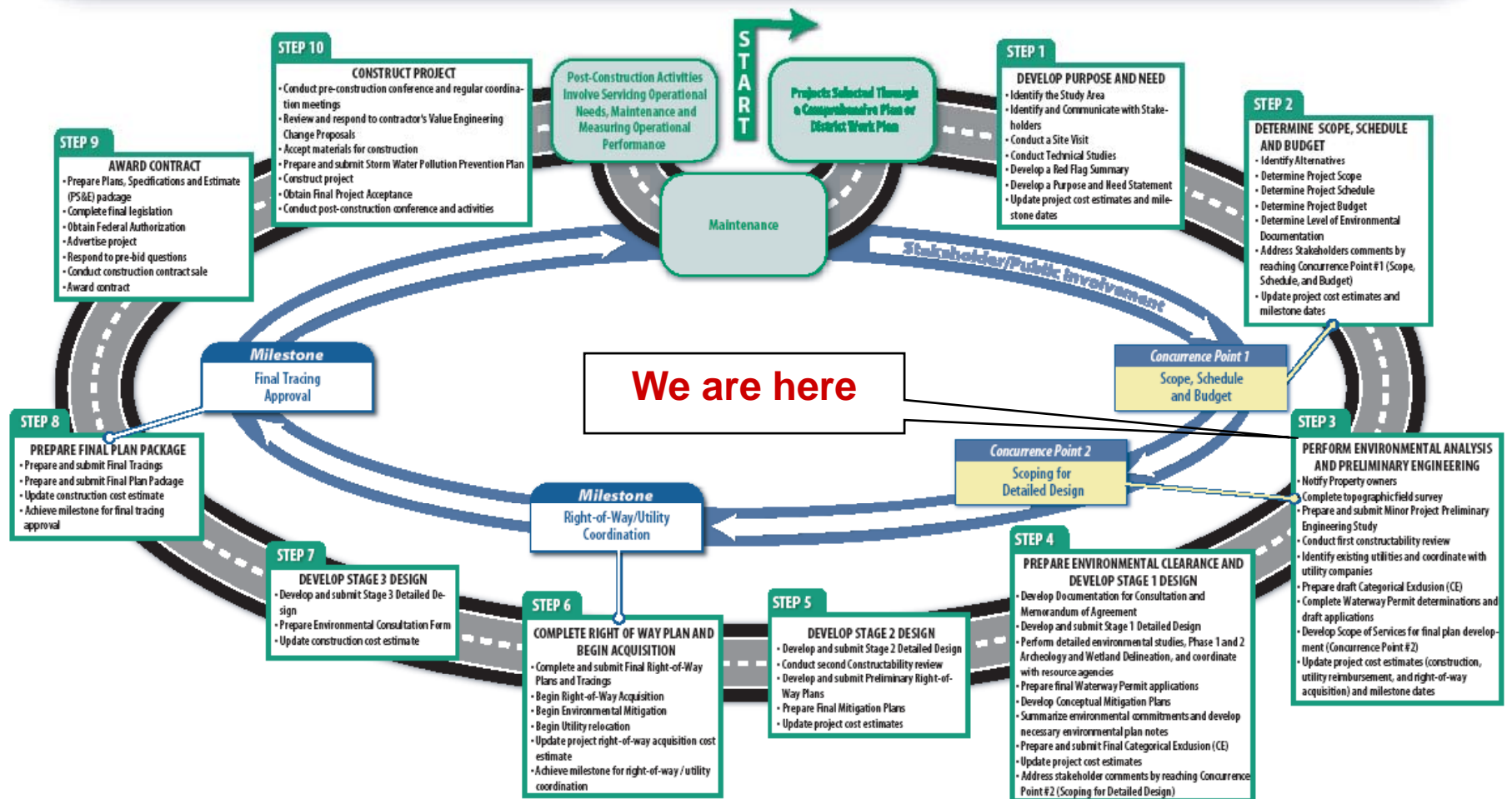
Project Team



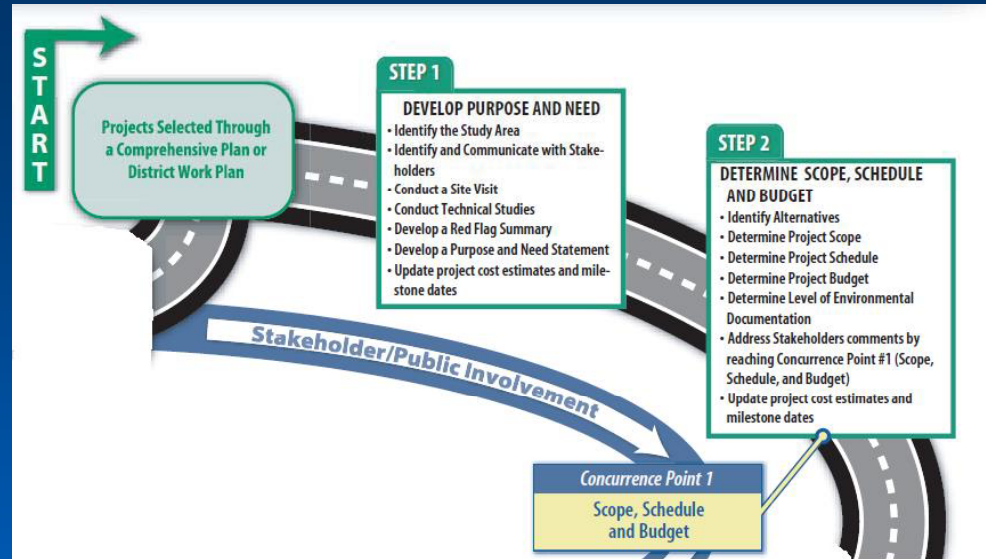
Development Process



Ohio Department of Transportation Project Development Process (PDP) for Minor Projects



Development Process



Work Previously Completed:

- Comprehensive plan
- Auburn-Crile Business Corridor Study
- SR 44 Corridor Study
- SR 44 Crile Road Alignments Study
- Concord Township Vision

Development Process

We are here

Preliminary Engineering

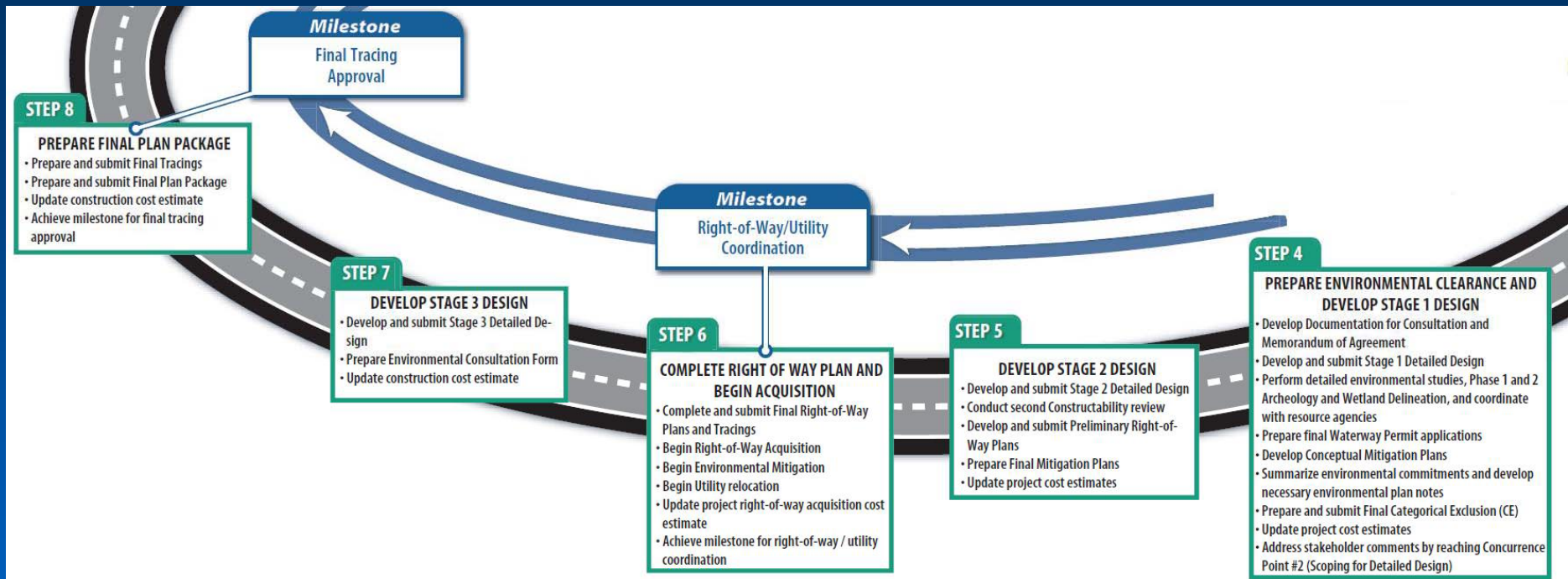
- Alternative Development
- Stakeholder Input
- Environmental Evaluation
- Alternative Evaluation
- Identify Preferred Alt.

STEP 3

PERFORM ENVIRONMENTAL ANALYSIS AND PRELIMINARY ENGINEERING

- Notify Property owners
- Complete topographic field survey
- Prepare and submit Minor Project Preliminary Engineering Study
- Conduct first constructability review
- Identify existing utilities and coordinate with utility companies
- Prepare draft Categorical Exclusion (CE)
- Complete Waterway Permit determinations and draft applications
- Develop Scope of Services for final plan development (Concurrence Point #2)
- Update project cost estimates (construction, utility reimbursement, and right-of-way acquisition) and milestone dates

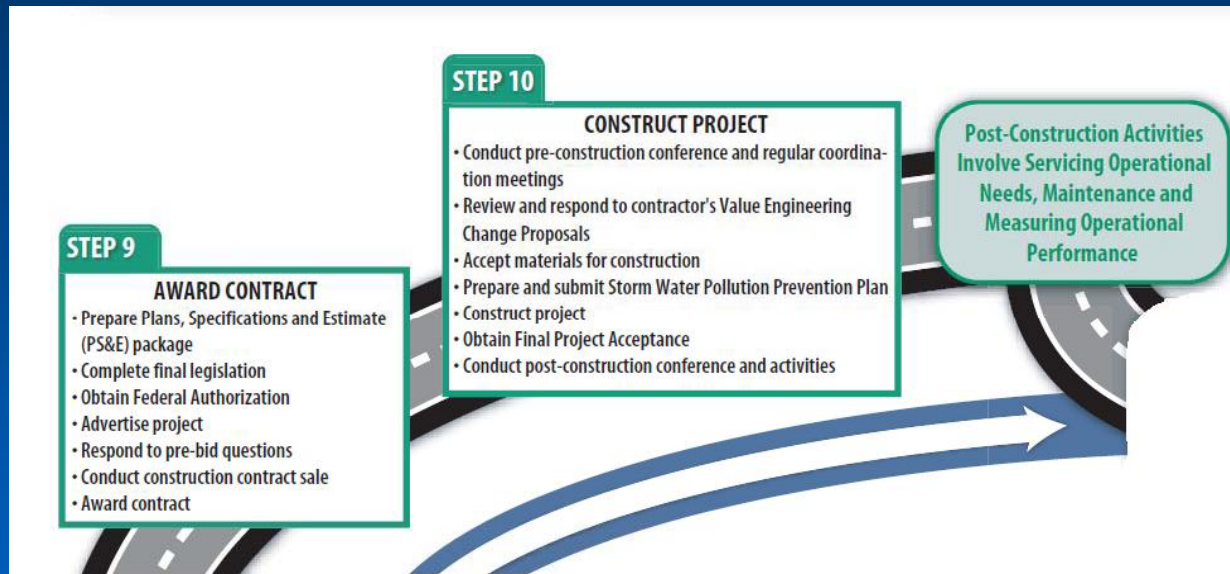
Development Process



Final Design

- Contract plans and specification
- Right-of-way plans

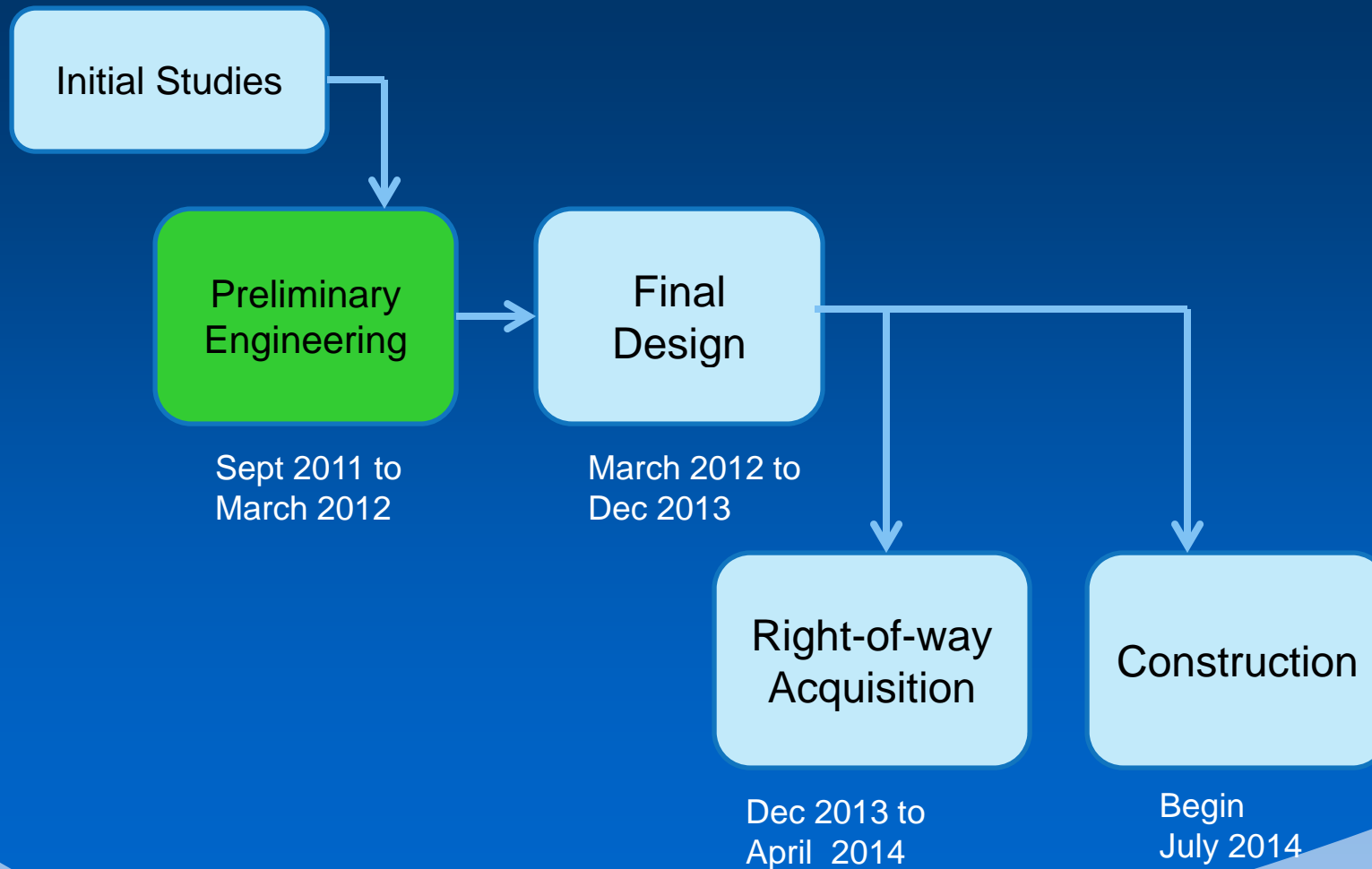
Development Process



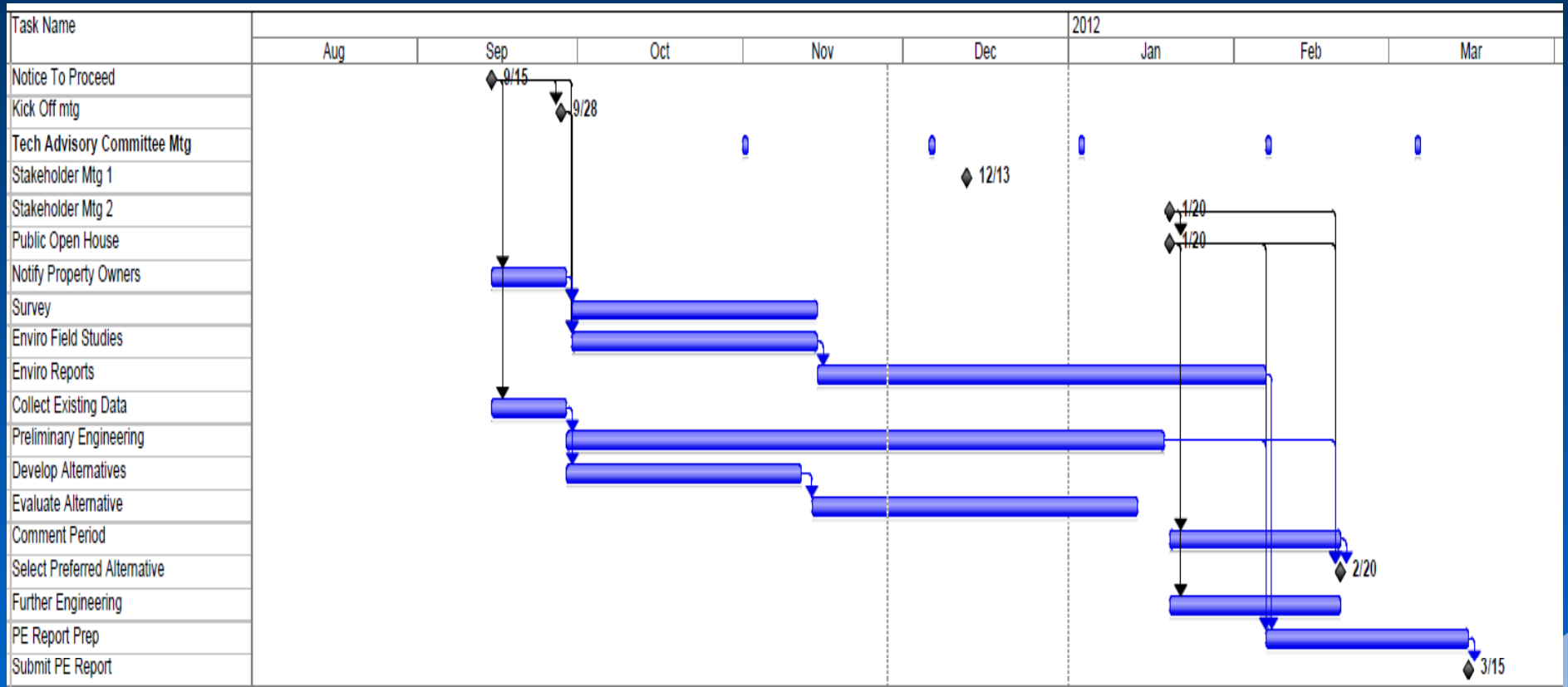
Construction

- Bid and award
- Construction

Overall Schedule



Preliminary Engineering



Purpose

- Reduce congestion
- Improve traffic flow
- Improve safety
- Encourage development



Potential Measures of Effectiveness

- ☐ Mobility/Congestion
- ☐ Facility Deficiencies
- ☐ Safety
- ☐ System Linkage
- ☐ Modal Inter-relationship
- ☐ Environmental
- ☐ Access
- ☐ Emergency Services
- ☐ Business/Community Impacts
- ☐ Cost
- ☐ Other ???

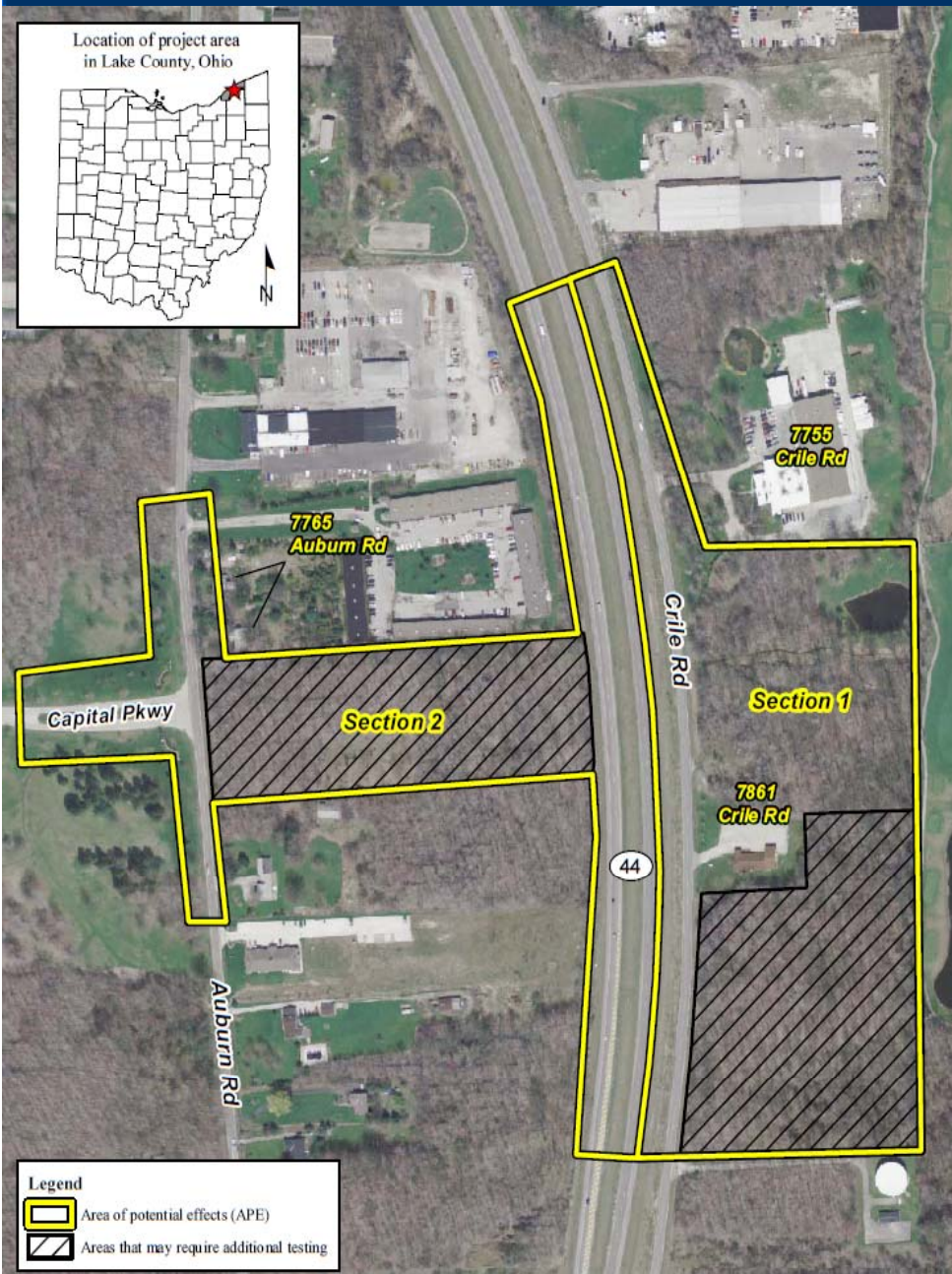
Sample Alternative Matrix

Alternatives	Cost	ROW Impact	Environmental Impact	Business Impact	Community Impact	Accessibility	Safety	Emergency Services			
Auburn/Crile Intersection Alt 1											
Auburn/Crile Intersection Alt 2											
By-pass Alternate 1											
By-pass Alternate 1-A											
Jughandle With Bridge Alt 2											
Jughandle Extended Alt 2-A											
Jughandle without Bridge Alt 2-B											
Roundabout Alt 3											
Roundabout Tight Alignment Alt 3-A											
Roundabout Wide AlignmenyAlt 3-B											
Roundabout Double Circle Alt 3-C											

Legend:

	Favorable
	Neutral
	Poor

Environmental Info



Cultural Resources:

- 2 potential historic homes
 - ✓ Determine significance
 - ✓ Evaluate impacts
- Undisturbed areas
 - ✓ Potential for artifacts
 - ✓ Potential for settlements

Environmental Info



— PROJECT AREA BOUNDARY

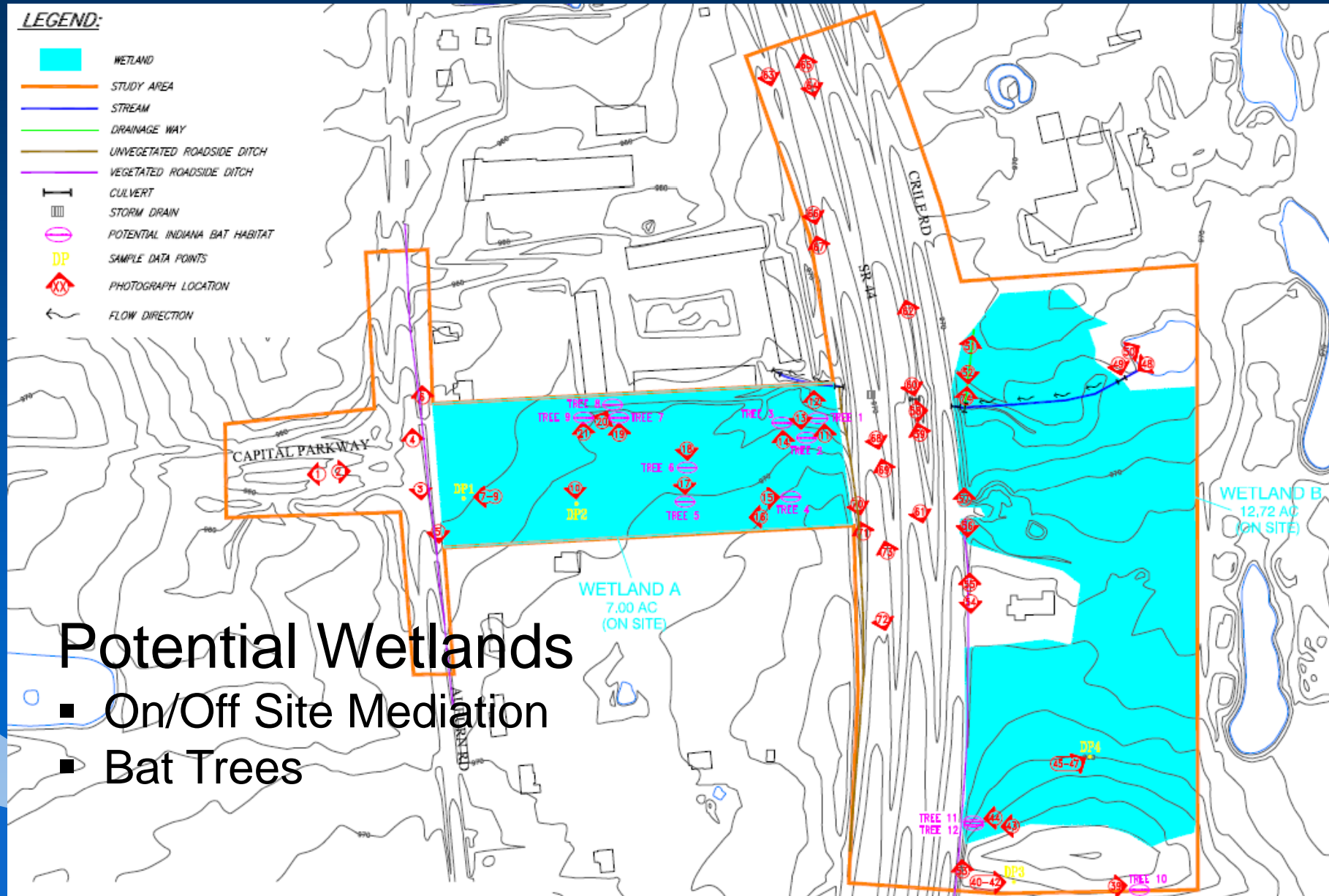
WELL SYMBOLS

★ UNKNOWN STATUS	☼ GAS AND OIL SHOW	☼ PLUGGED GAS
☼ BRINE FOR DUST CONTROL	☼ INJECTION	☼ PLUGGED GAS WITH OIL SHOW
☼ COALBED METHANE	☼ LOST HOLE	☼ PLUGGED INJECTION
☼ DRY HOLE	☼ OBSERVATION	☼ PLUGGED OIL
☼ DRY HOLE WITH GAS SHOW	☼ OIL AND GAS CONVERTED TO WATER	☼ PLUGGED OIL AND GAS
☼ DRY HOLE WITH OIL AND GAS SHOW	● OIL	☼ PLUGGED OIL WITH GAS SHOW
☼ DRY HOLE WITH OIL SHOW	☼ OIL AND GAS	☼ RADIOACTIVE TOOL LOST IN HOLE
☼ EXPIRED PERMIT LOCATION	☼ OIL WITH GAS SHOW	☼ SOLUTION MINING
☼ GAS	● OIL SHOW	☼ GAS STORAGE
☼ GAS WITH OIL SHOW	○ PERMITTED LOCATION	☼ STRATIGRAPHY TEST
☼ GAS SHOW	☼ PLUGGED BRINE FOR DUST CONTROL	● WATER SUPPLY

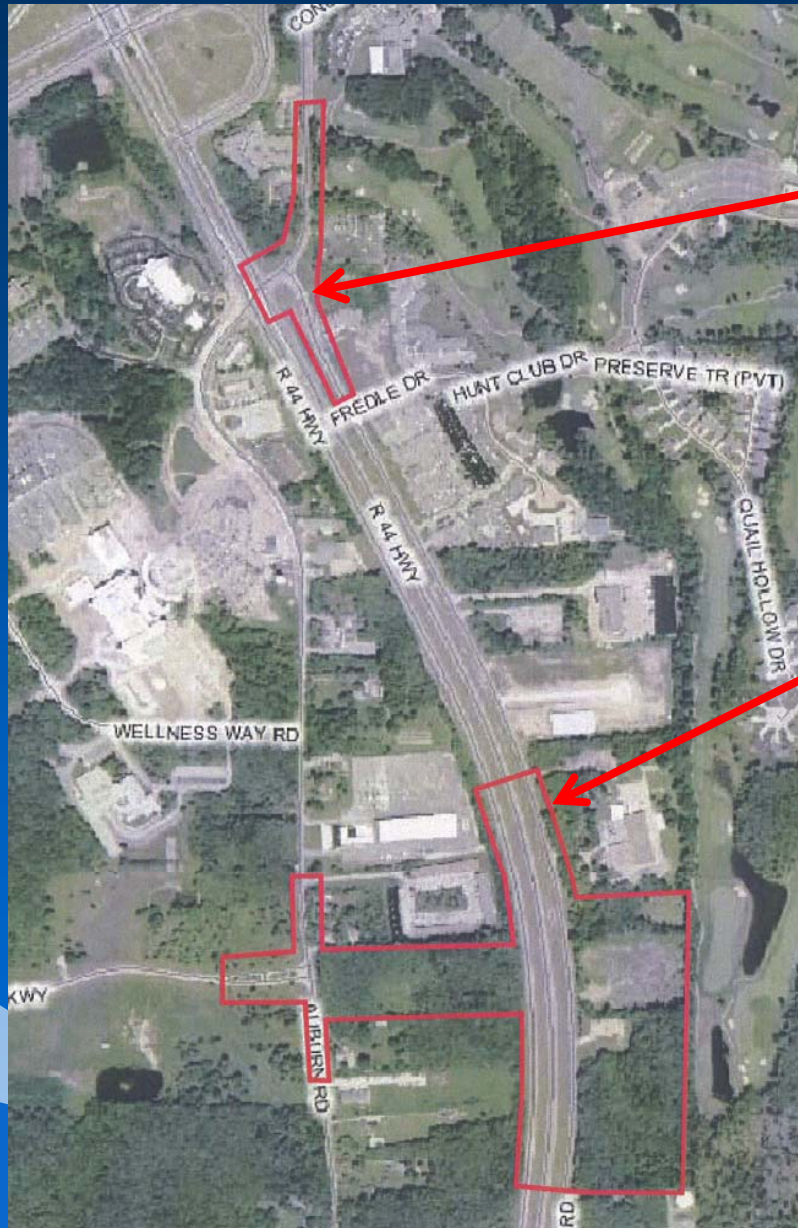
Hazardous Materials:

- No impacts identified
- No further investigation anticipated

Environmental Info



Alternatives



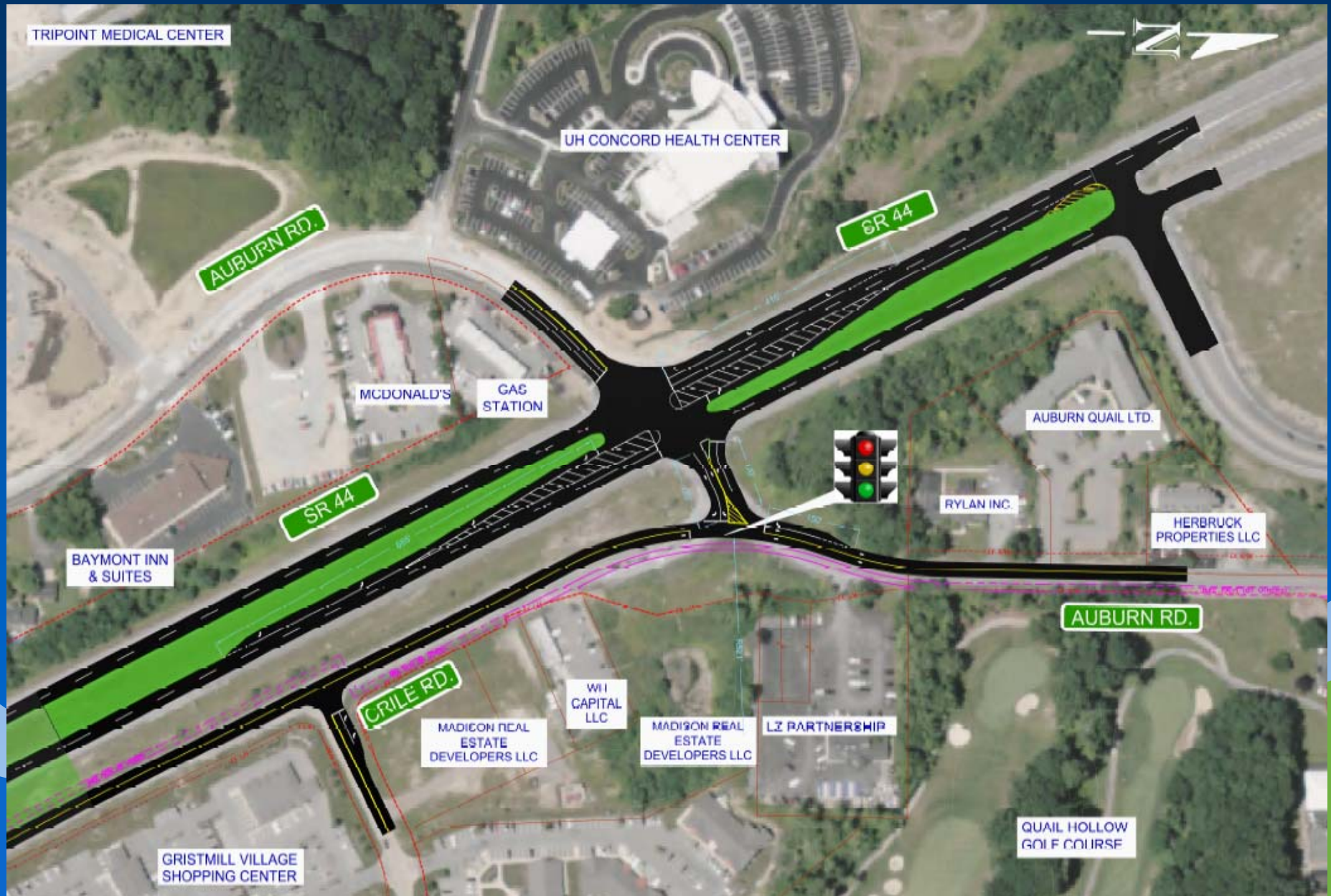
Auburn/Crile Intersection

- A & B

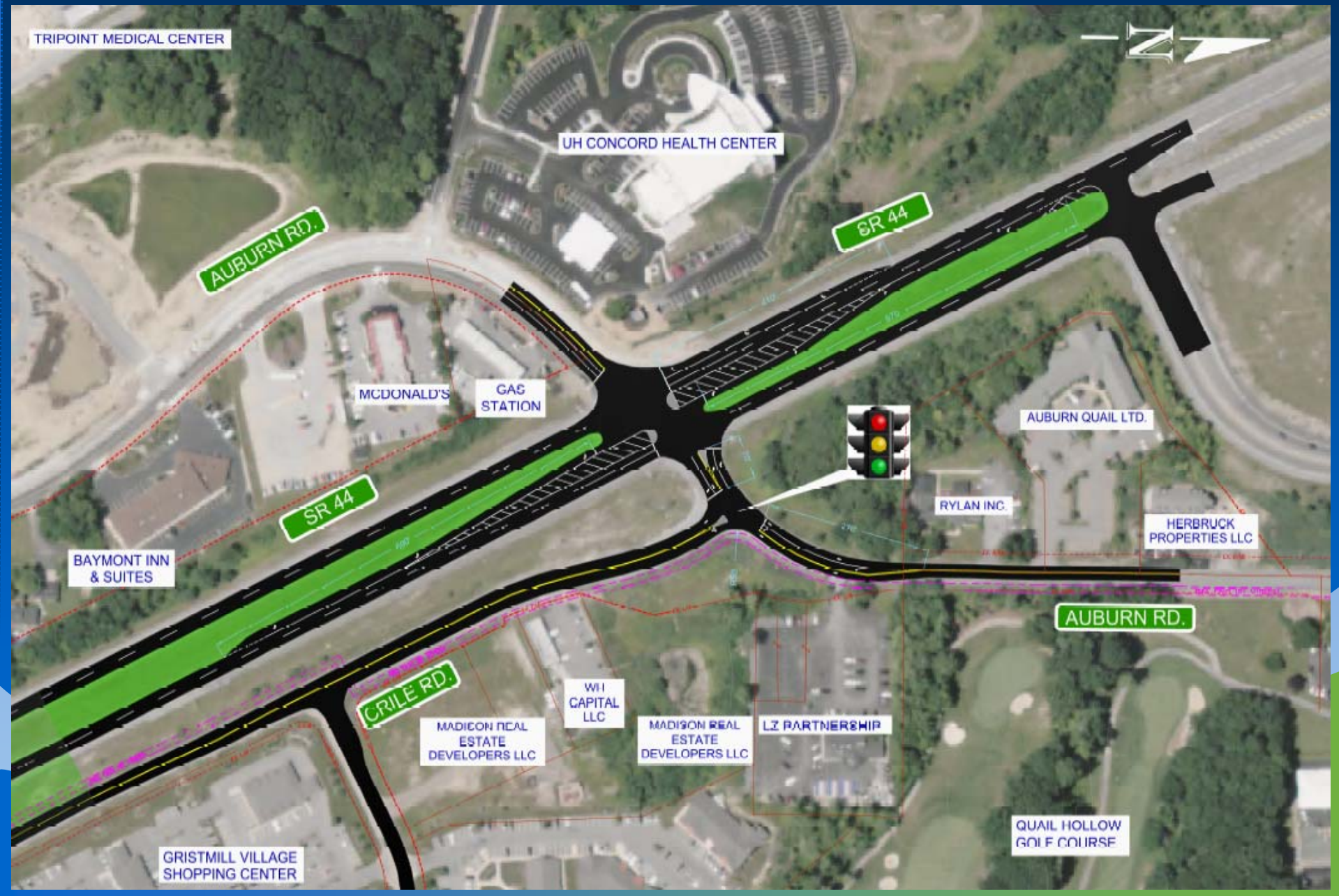
Auburn/Crile Connector Road

- Alt 1 - By Pass Alternative
- Alt 2 - Jug handle Alternative
- Alt 3 - Round About Alternative

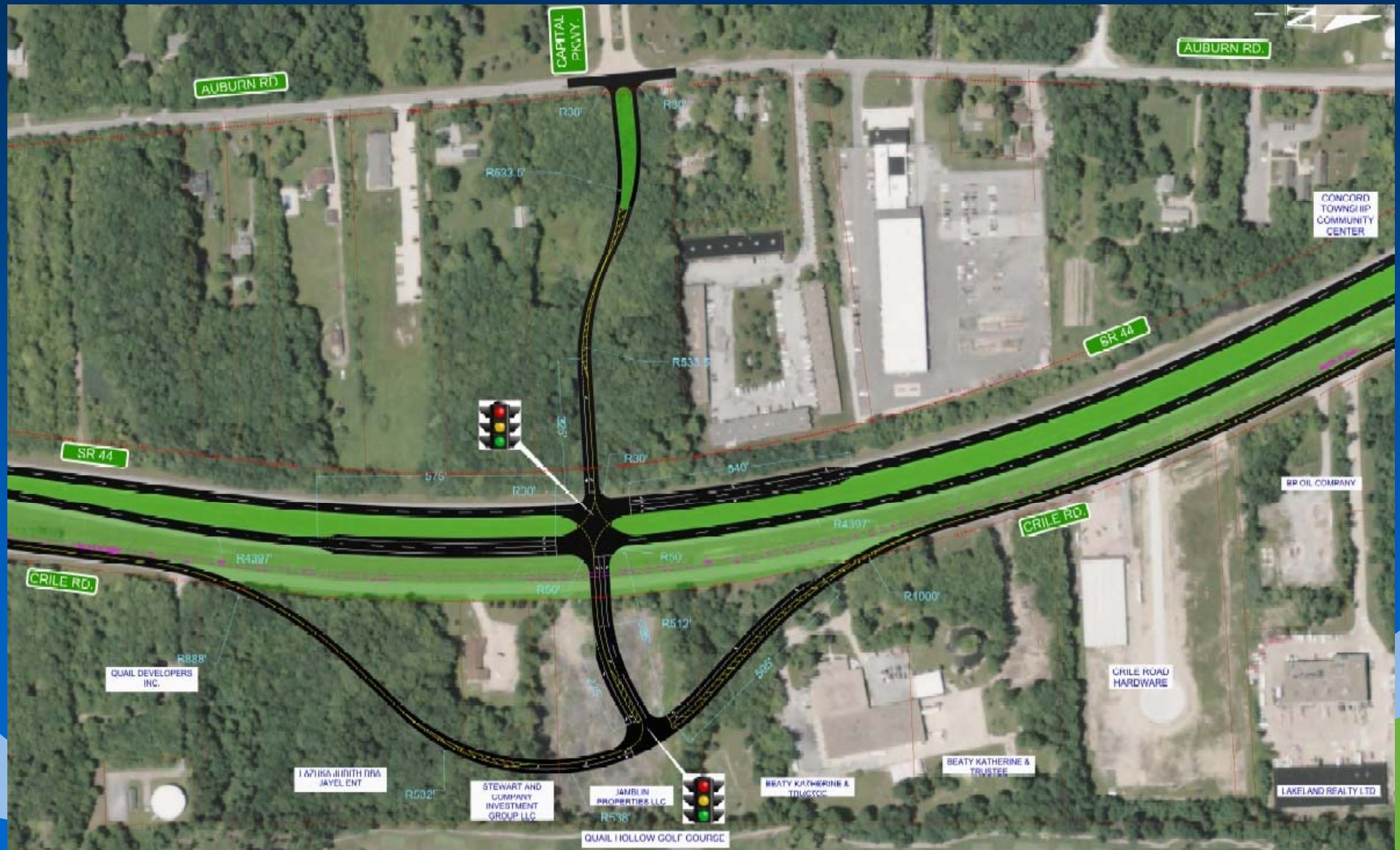
Alt A – Auburn/Crile intersection



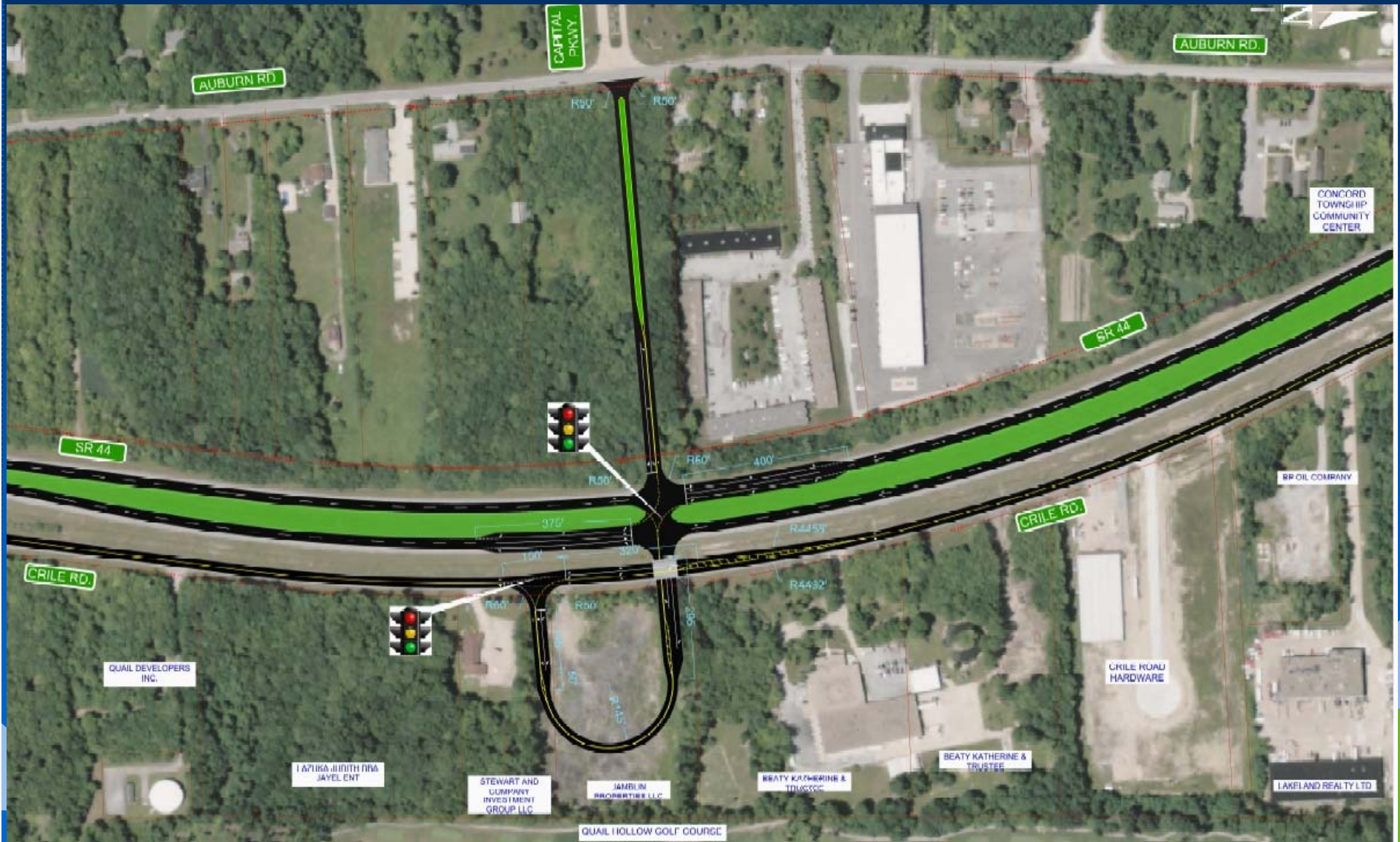
Alt B – Auburn/Crile intersection



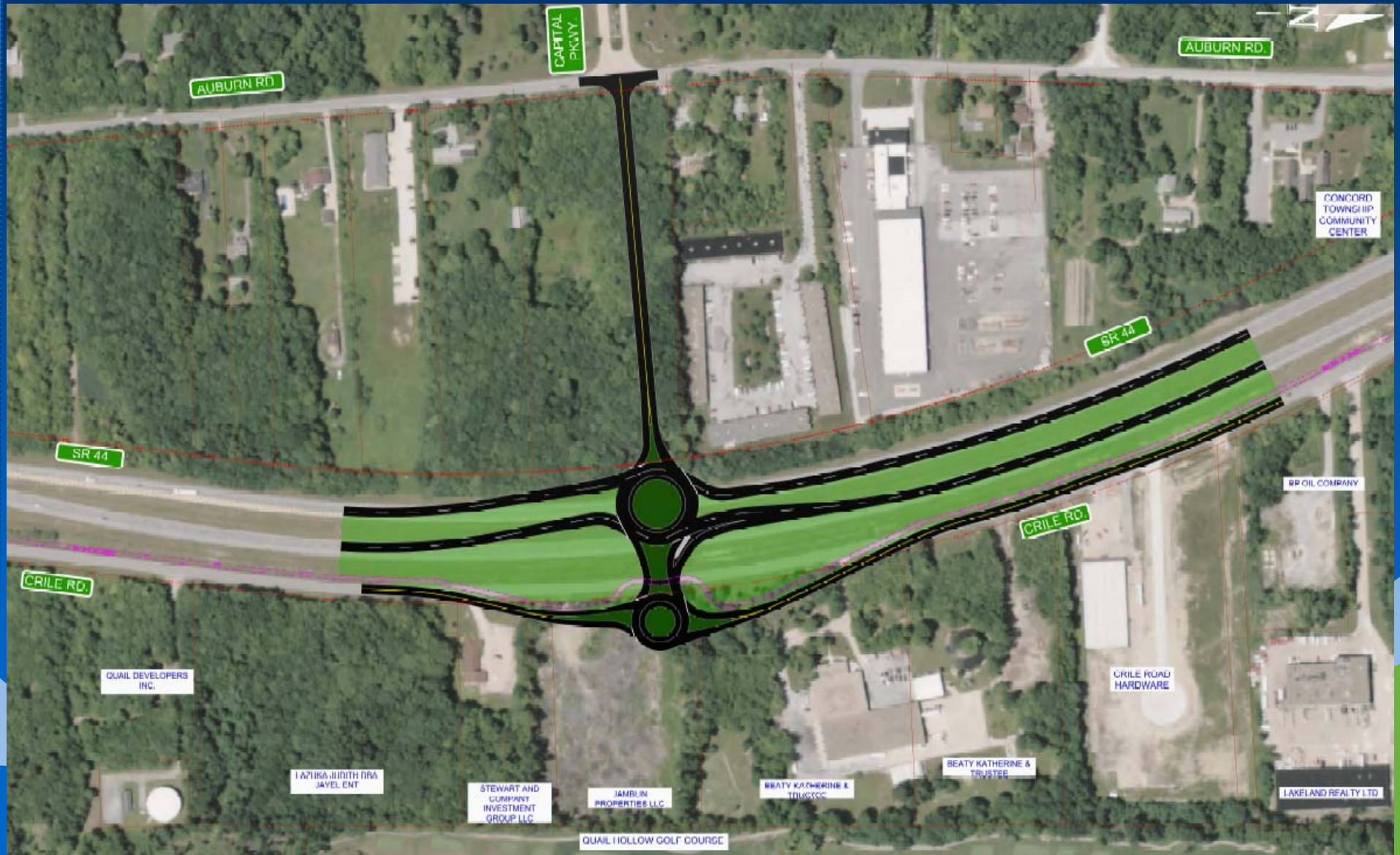
Alt 1 – By Pass Alternative



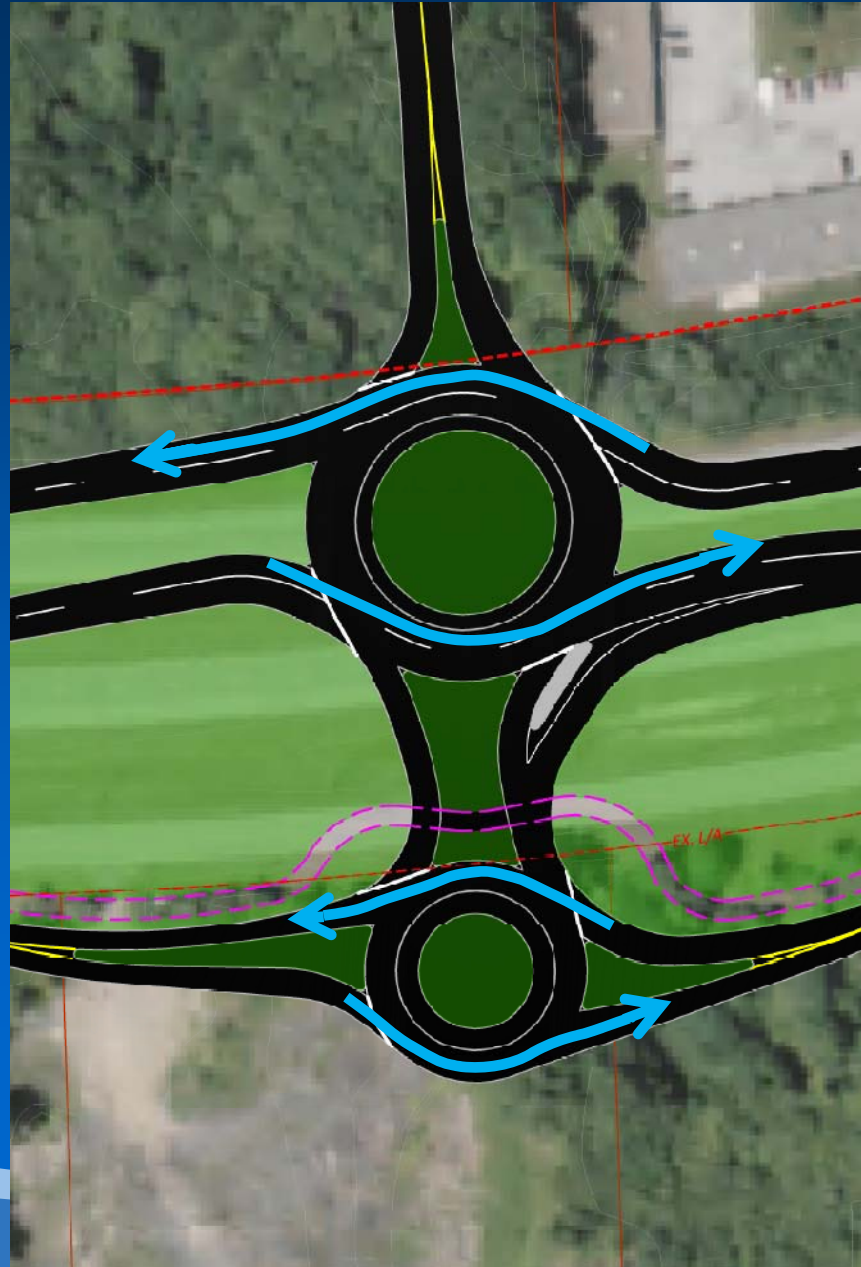
Alt 2 – Jug Handle Alternative



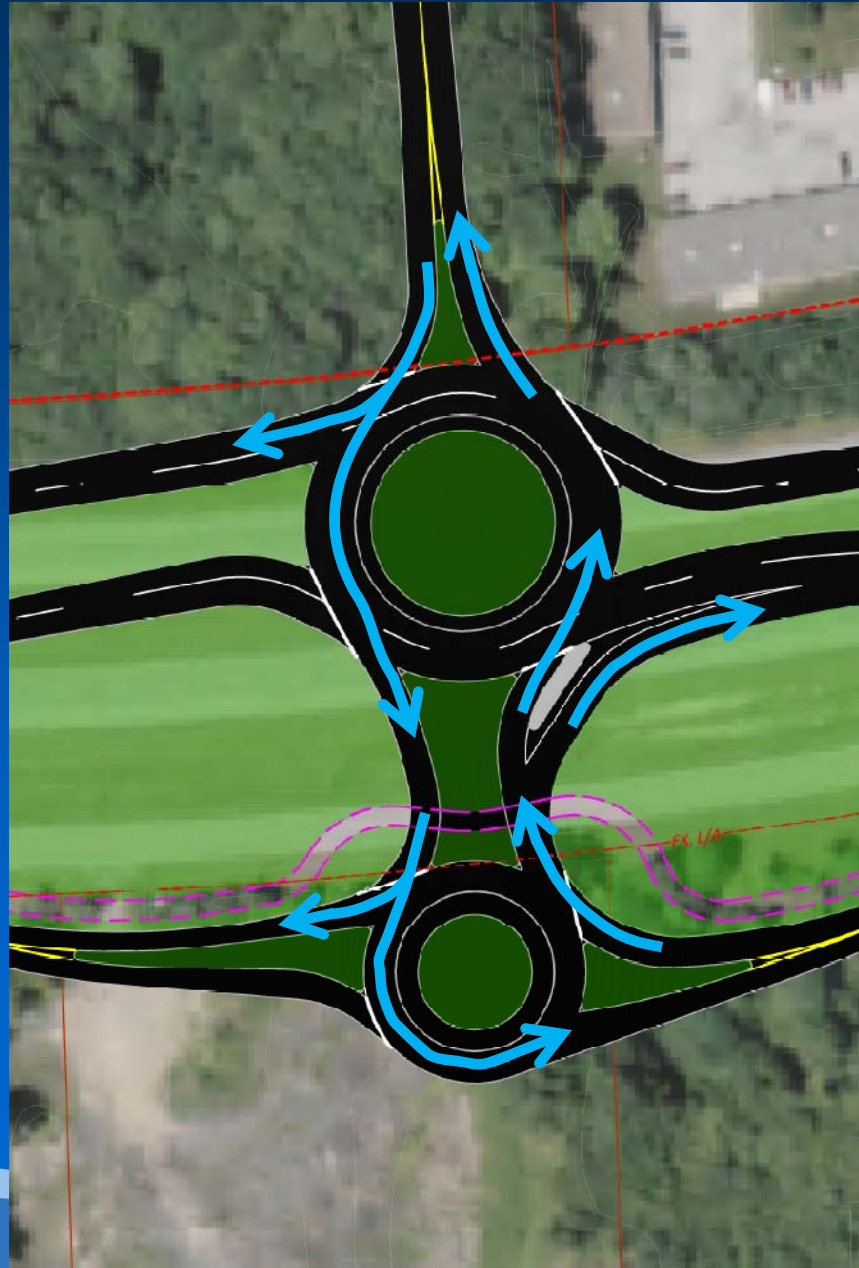
Alt 3 – Round About Alternative



Alt 3 – Round About Alternative



Alt 3 – Round About Alternative



Workshop

- Review Mapping
- Ask Questions
- Provide Comments

Next Steps

- Draft purpose & need
- Additional analysis
- Evaluate Alternatives
- Stakeholder Meeting No. 2
- Open House
- Comment period
- Select Preferred Alternative
- Final Design

Thank you

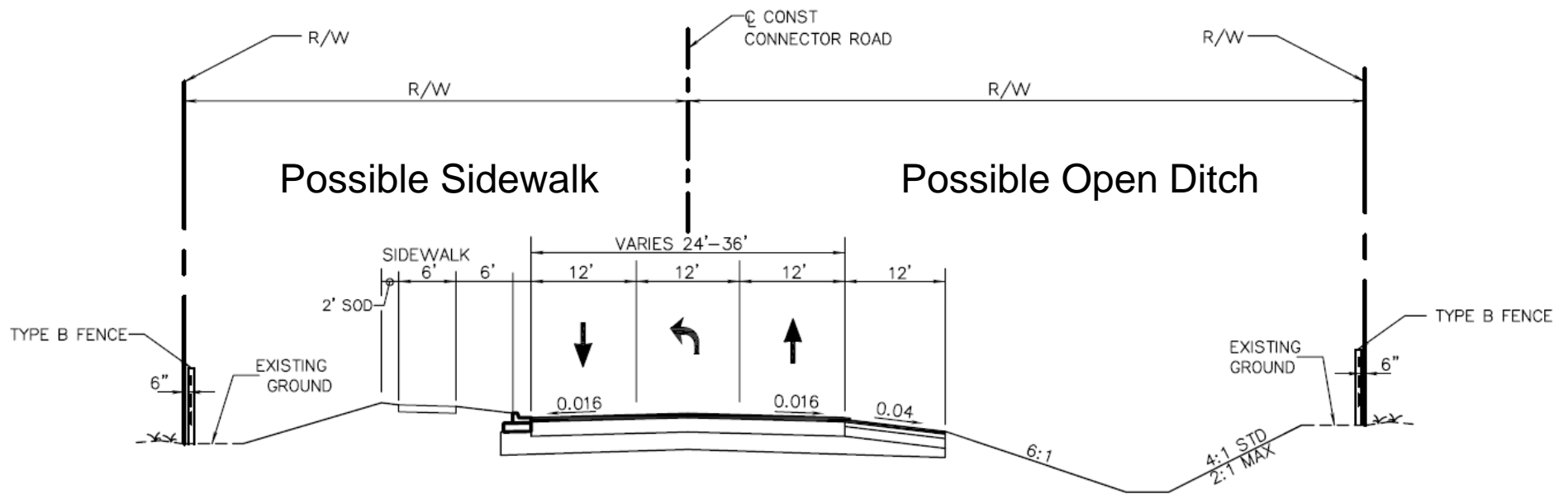
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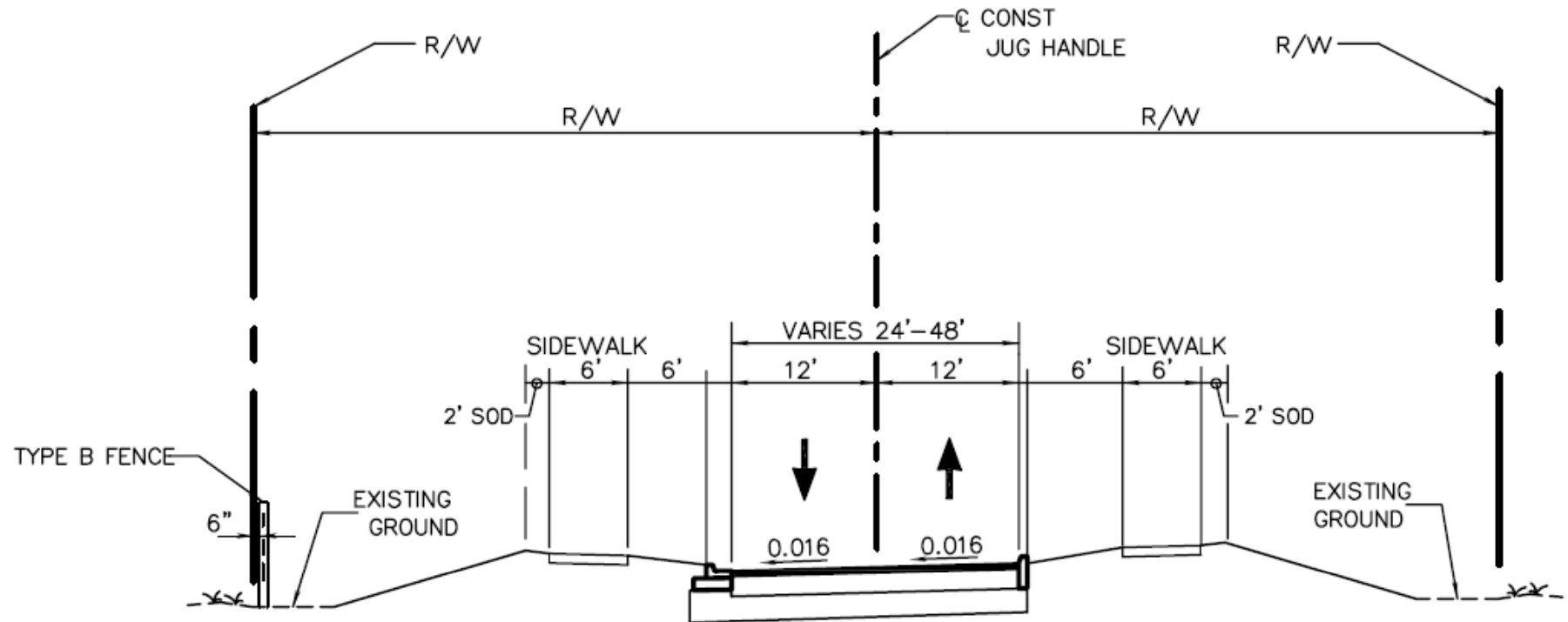
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Alt 1 – By Pass Alternative



Connector Road Section

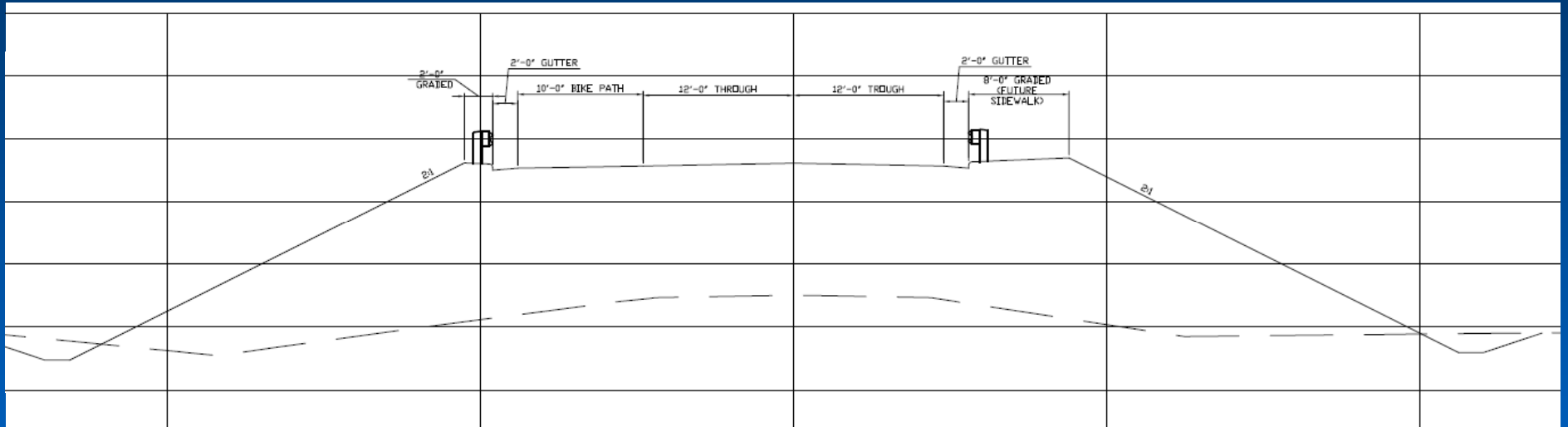
Alt 2 – Jug Handle Alternative



Jug Handle Road Section

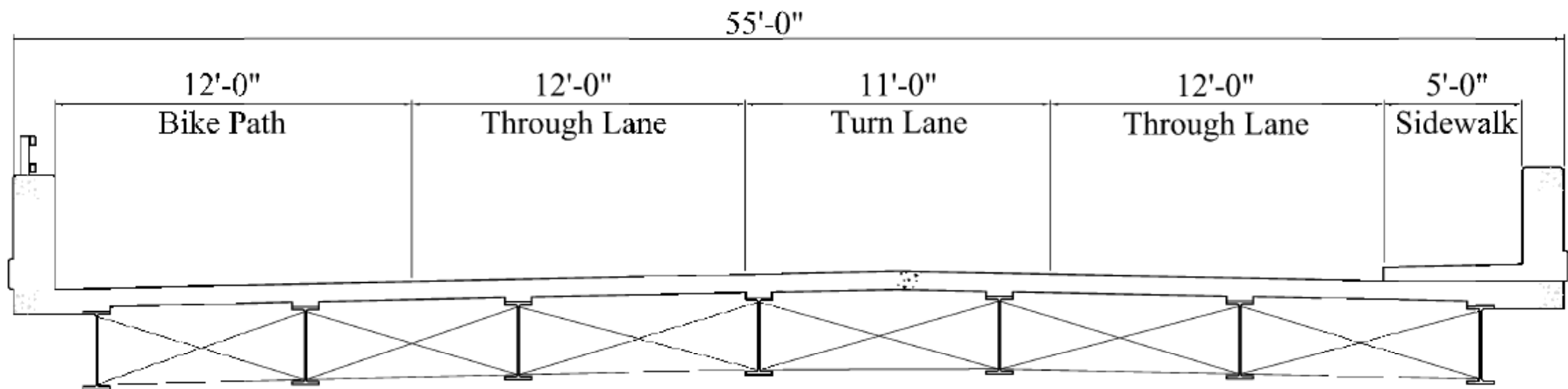
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Alt 2 – Jug Handle Alternative



*Possible Crile Road
Embankment Section*

Alt 2 – Jug Handle Alternative



Possible Bridge Section

Alt 3 – Round About Alternative

