



Water Plant Transmission Mains

Home Road to Blazer Parkway Area

Advisory Group Meeting #1

June 28, 2023, 1:30 – 3:30 p.m.

Welcome

Tim Huffman

Division of Water – Distribution Engineering Manager



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Your Facilitator

Marie Keister, AICP, APR

Stakeholder/Public Engagement, MurphyEpson



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Introductions

Share your name, title and organization



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Agenda



- Welcome and introductions
- Advisory Group role
- Project overview and schedule
- Evaluation criteria
- Alignment concepts (discussion)
- Next steps



Advisory Group Role



The Water Plant Transmission Mains Advisory Group will **provide advisory input and local information** to the City of Columbus Department of Public Utilities as it designs and constructs new water transmission mains. The mains will connect a new water plant near Home and Dublin Roads in Delaware County near the Blazer Parkway area and other strategic areas in northwest Columbus.



Advisory Group Activities



The AG will **meet up to six times** during Phase 1 (summer, 2023 through 2024) to **provide input on study documents, contribute local data, share feedback** from the organizations and communities they represent, and **notify their constituents of opportunities for public input.**



Project Overview

Matt Casey, P.E.

Project Manager, ms consultants



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The Team



- ms consultants
- Gresham Smith
- MurphyEpson
- D&D Policy Works
- KTA-Tator
- CAP-Stone
- ASC Group
- Regency
- Moody Engineering
- Resource International
- Aldea
- Eagon & Associates
- 7NT Engineering
- CTL
- DHDC



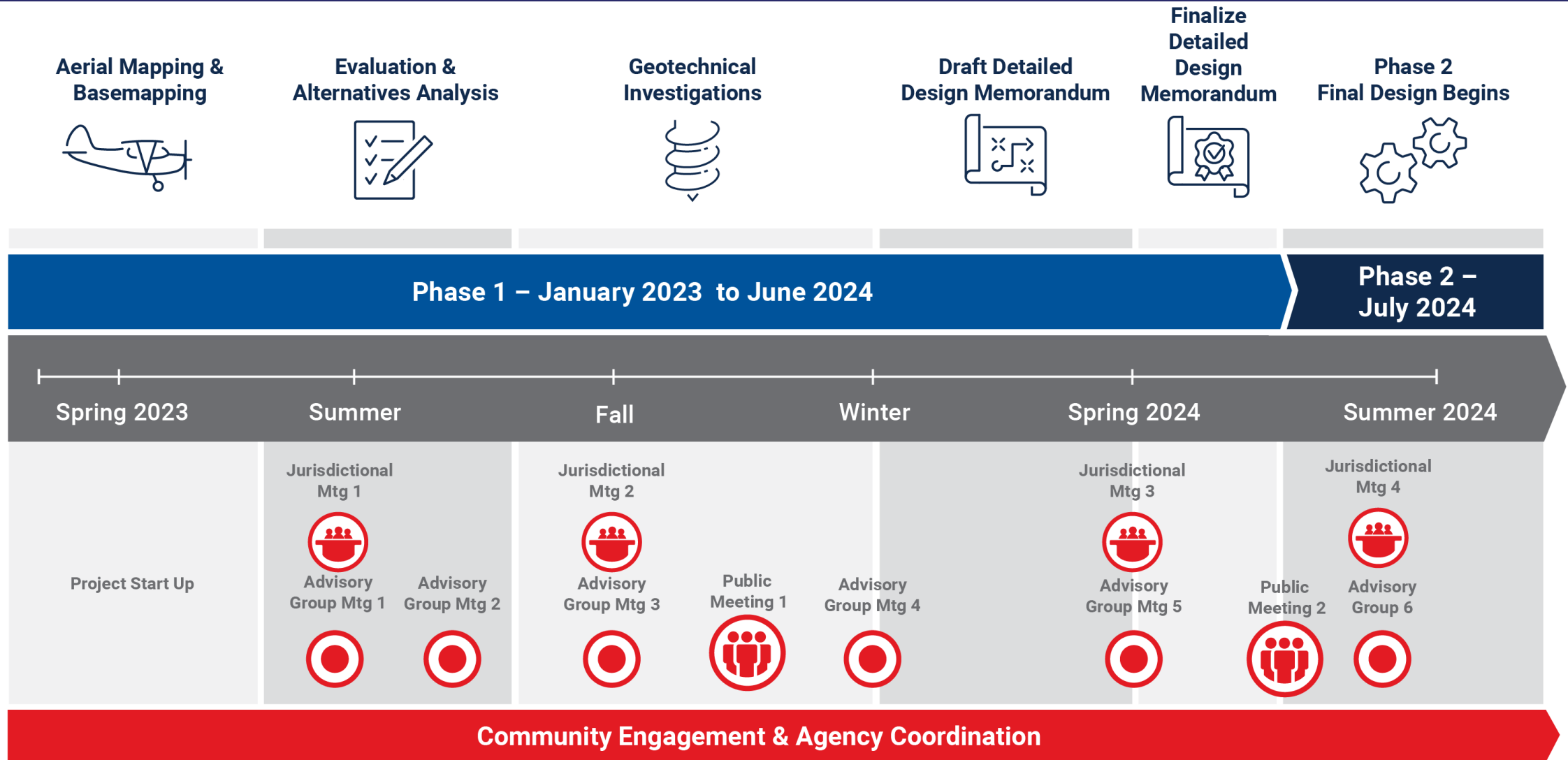
Our Goals



- **Today:** Obtain Advisory Group input on alignment concepts
- **Overall:**
 - Select the most technically feasible, constructible routes
 - Collaborate with Advisory Group members on potential capital investments and a successful project
 - Be transparent with the public; demonstrate how we applied rigor to select transmission mains routes (share evaluation criteria and high-level results)
 - Communicate what we are doing when and why from now through construction
 - Minimize disruptions to the public to the extent possible



Phase 1 Technical Work & Schedule



Schedule at a Glance



Phase 1 Details



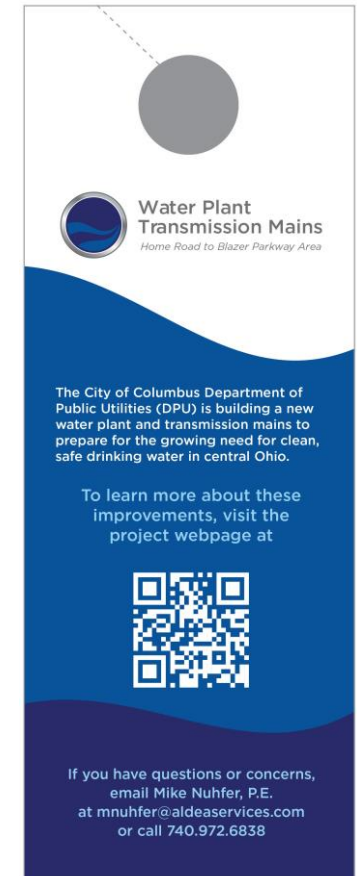
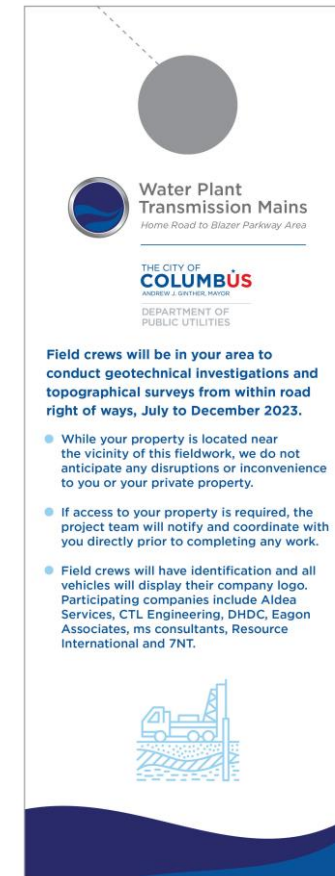
- Select three alignment corridors in August
- Begin fieldwork in overlap areas (soil borings, subsurface utility engineering, survey)
- Prepare a Detailed Design Memorandum
 - Basis of design
 - Environmental concerns
 - Corrosion criteria/study
 - Prep material and installation methods



Geotech Borings



- Will be conducted late July through the end of 2023
- Will be conducted at various sites along proposed alignments
- Door hangers will be distributed at nearby businesses and residences



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Communication Tools (in Development)



- Database (ongoing)
- Door hangers (mid-July)
- Website (July 10)
- Presentation(s)
- Exhibits, maps & technical content
- Fact sheet(s)
- Survey(s)
- News releases
- E-news
- Social media (NextDoor)
- Postcard notification
- T-shirts
- Wallet cards
- Displays/banners



Evaluation Criteria

Matt Casey, P.E.

Project Manager, ms consultants



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Route Considerations



We will:

- Bury a 42- to 60-inch diameter pipe, 12-15-feet deep
- Need approximately 20-foot-wide alignment corridor
- Use open-cut and trenchless construction

Construction will start in 2026 and take about 2.5 years



Evaluation Criteria



- Accessibility of the water mains (for operations and maintenance purposes)
- Business and resident impacts
- Easements (existing right of way where possible)
- Environmental impacts
- Traffic impacts
- Utility conflicts
- Costs
- Other risks identified during this process



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Route Alignments

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Project Manager, ms consultants



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Things to Think About



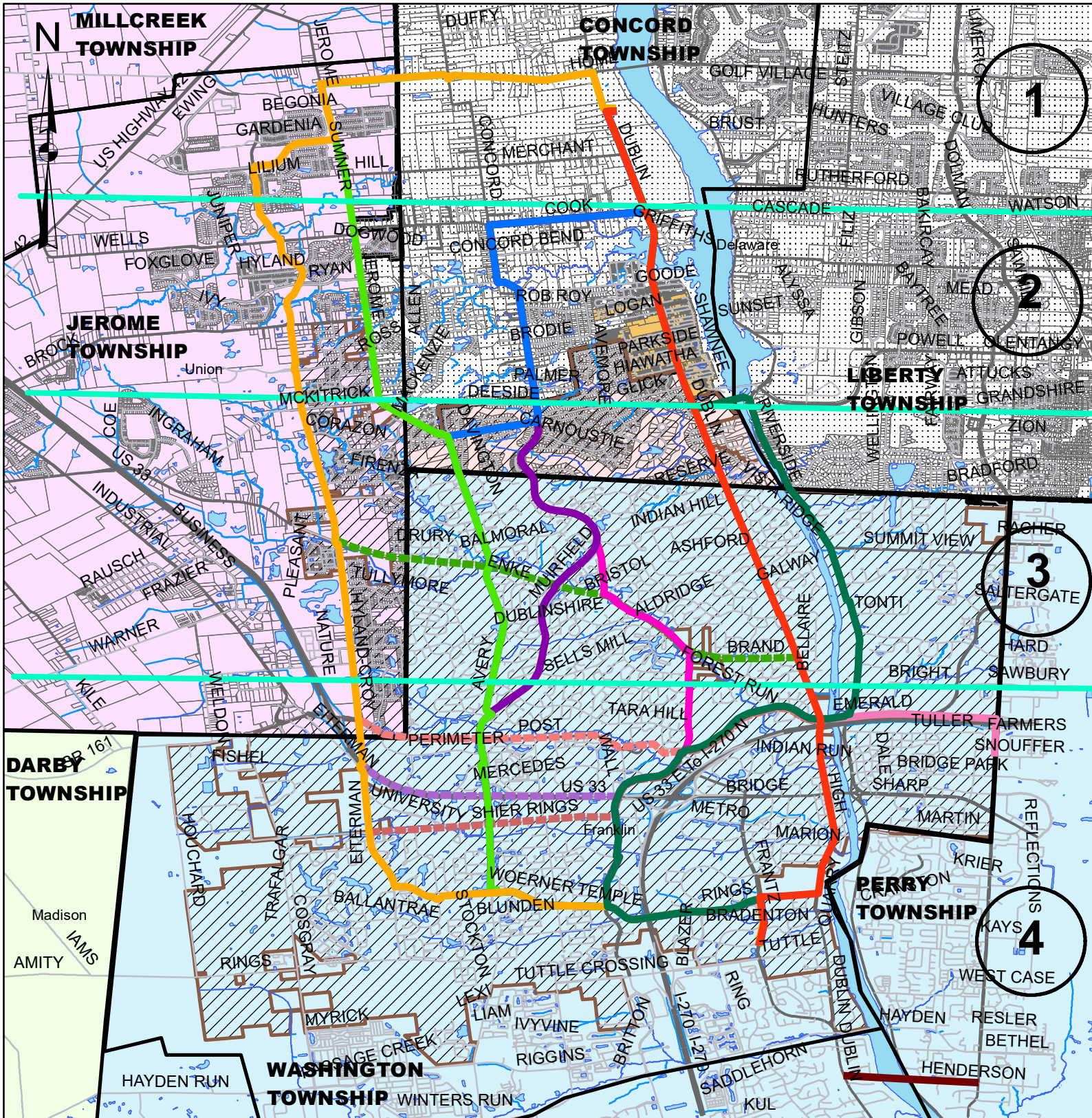
- Is this a route where you already have work planned?
- Is there a transit corridor planned (shared-use path, sidewalk, etc)
- Is there available right-of-way or setback areas we could use?
- Are there major parcels that you own or that we could work with?
- Are their unique business/resident considerations?
- What information do you have that could help us understand the alignment concepts better?



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ALIGNMENT CONCEPTS



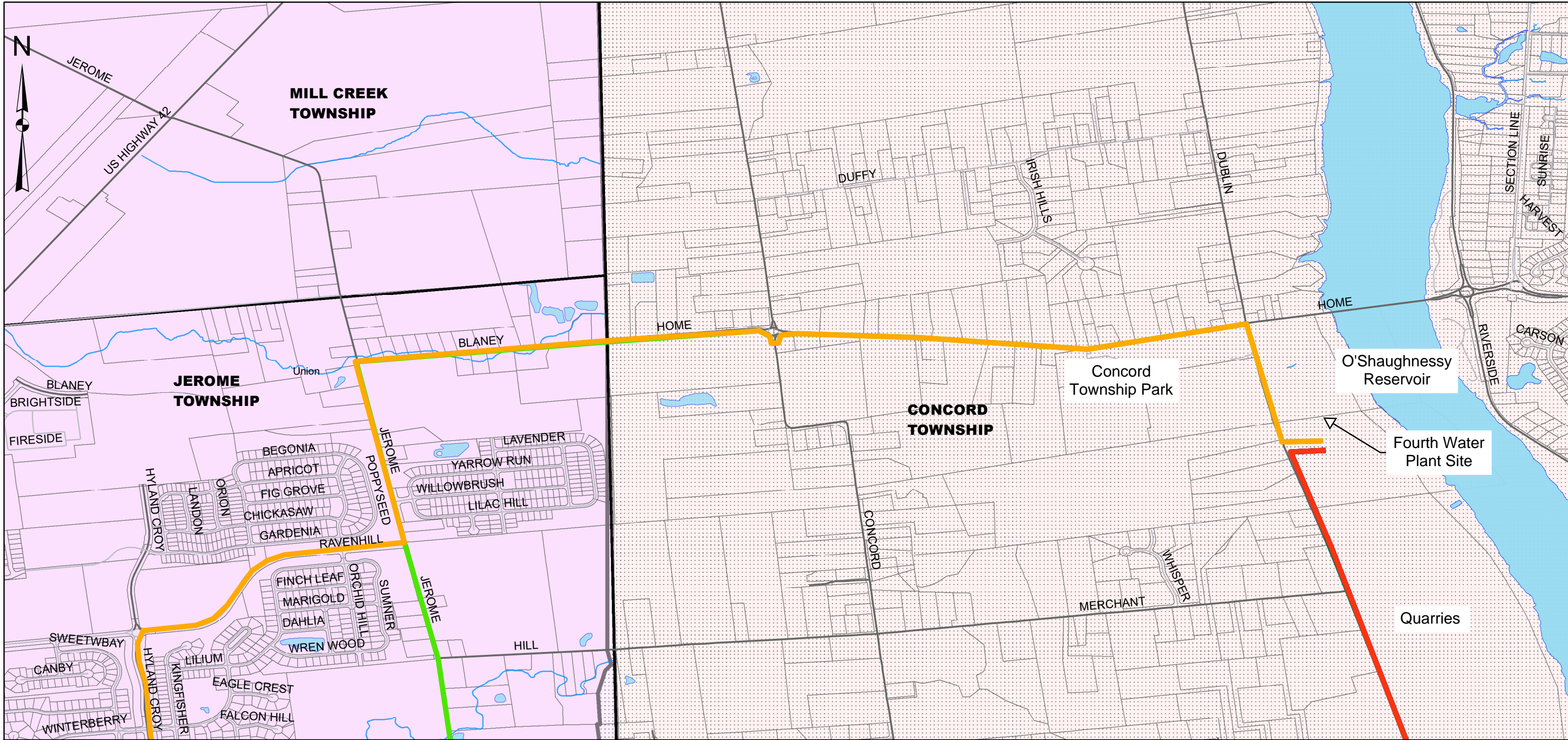
Legend	
Alignment A	Scioto River Crossing
Alignment B	Brand Cross Connection
Alignment C	Post Cross Connection
Alignment D	US-33 Cross Connection
Alignment E	Shier Rings Cross Connection
Alignment F	Henderson Rd River Crossing
Alignment G	
	Shawnee Hills Zone
	Del-Co Water Public Map
	Delaware County
	Franklin County
	Madison County
	Union County
	City of Dublin



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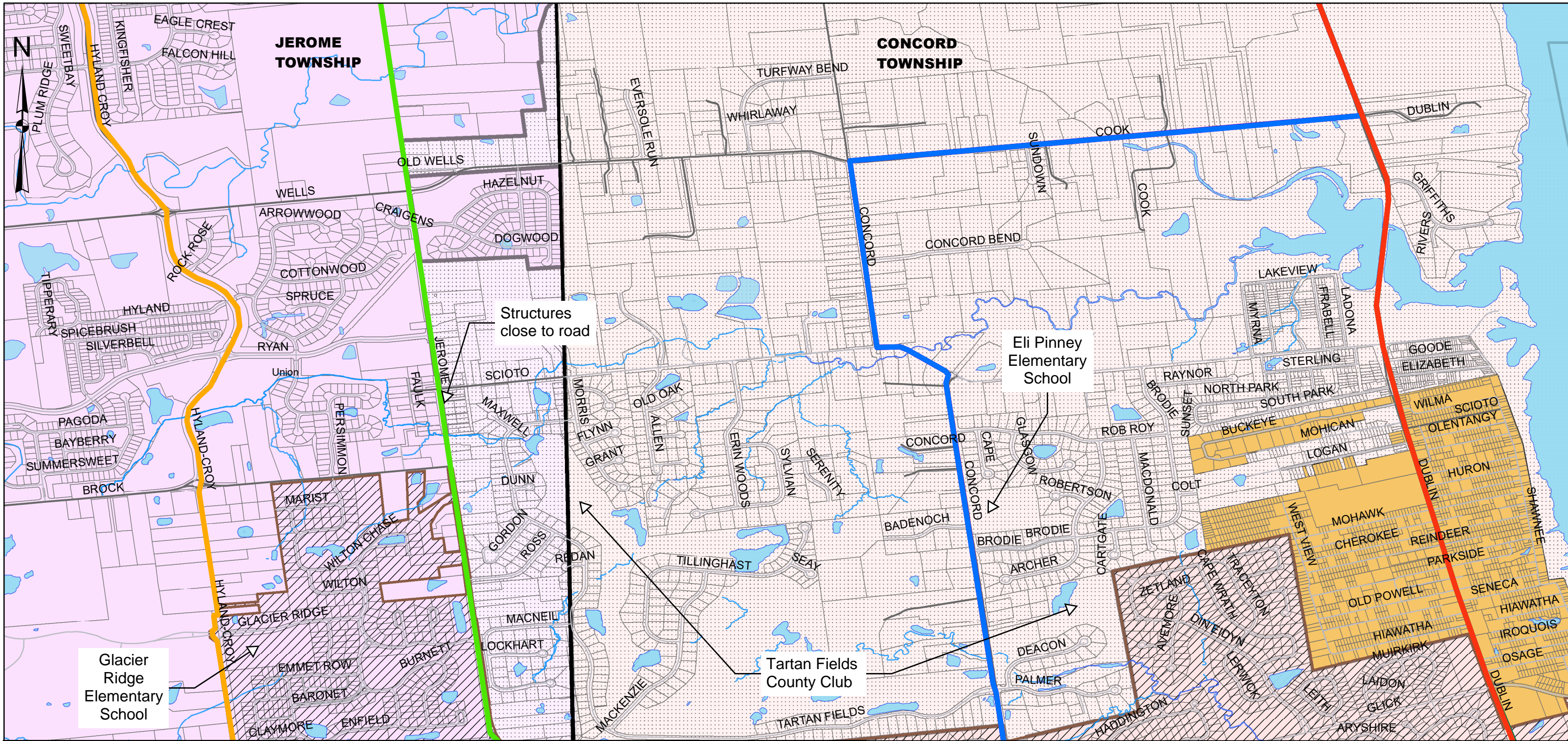
MAP SEGMENT 1



Legend			
	Alignment A		US-33 Cross Connection
	Alignment B		Shier Rings Cross Connection
	Alignment C		City of Dublin
	Alignment D		Shawnee Hills Zone
	Alignment E		Del-Co Water Public Map
	Alignment F		Delaware County
	Alignment G		Franklin County
	Scioto River Crossing		Madison County
	Brand Cross Connection		Union County
	Post Cross Connection		

1. Is there a route that you have work planned? (road expansion, utility work, etc)
2. Is there a transit corridor planned (shared use path, sidewalk, etc)?
3. Is there available right of way or set back areas we could use?
4. Are there major parcels that you own or that we could work with?
5. Are there unique business/resident considerations?
6. What information do you have that could help us understand the alignments better?

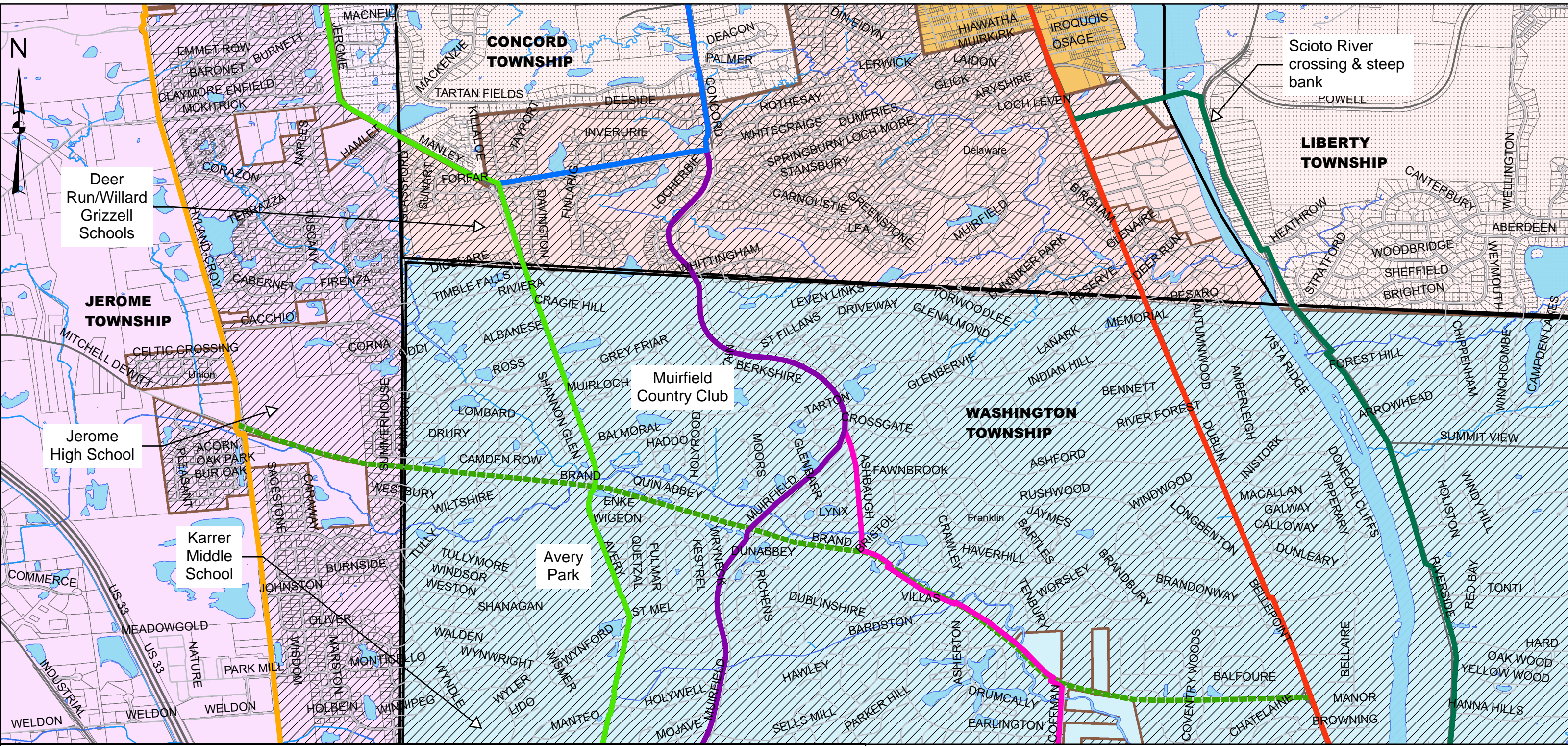
MAP SEGMENT 2



Legend	
	Alignment A
	Alignment B
	Alignment C
	Alignment D
	Alignment E
	Alignment F
	Alignment G
	US-33 Cross Connection
	Shier Rings Cross Connection
	Brand Cross Connection
	Post Cross Connection
	Delaware County
	Franklin County
	Madison County
	Union County
	City of Dublin
	Shawnee Hills Zone
	Del-Co Water Public Map

1. Is there a route that you have work planned? (road expansion, utility work, etc)
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MAP SEGMENT 3

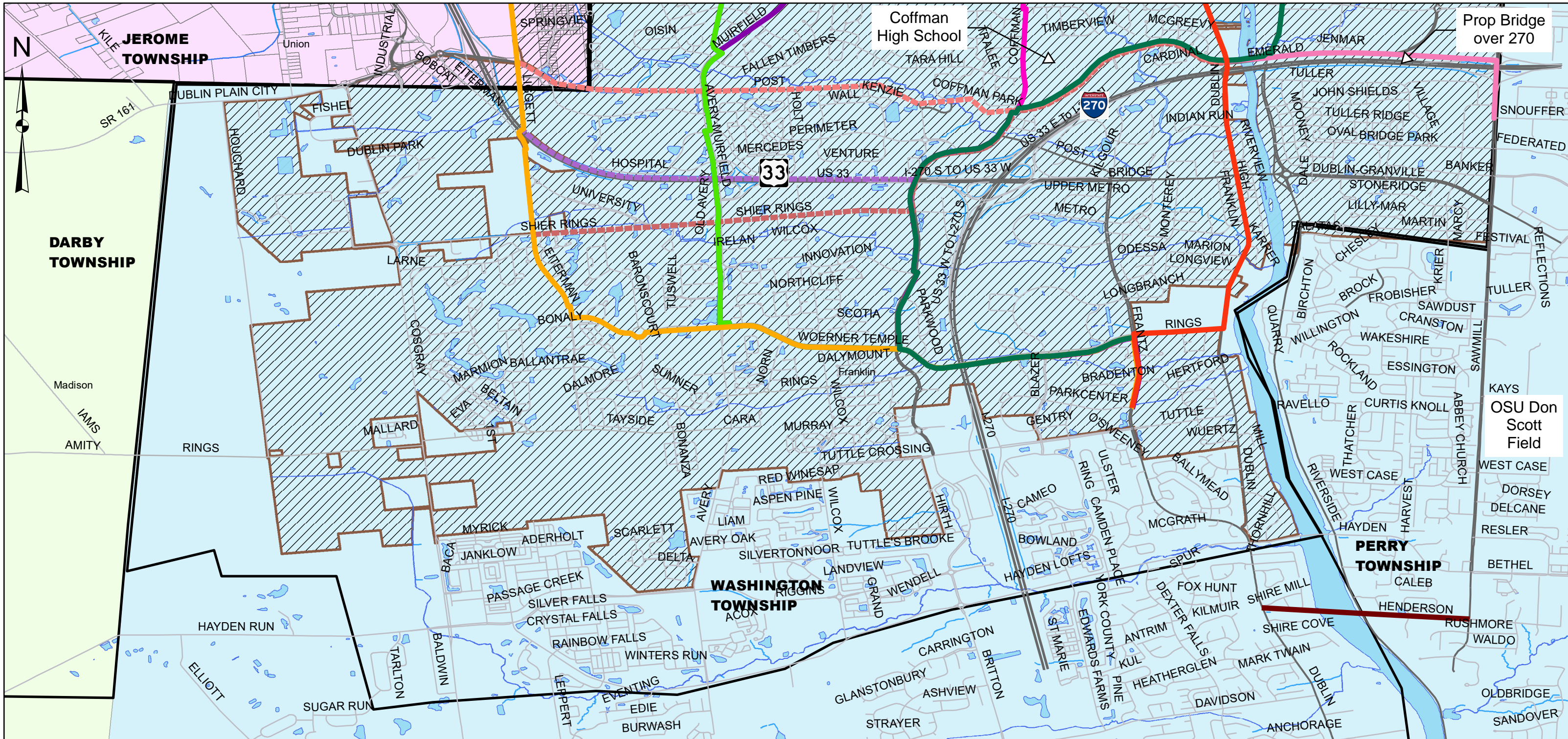


Legend

Alignment A	Alignment F	US-33 Cross Connection	Delaware County
Alignment B	Alignment G	Shier Rings Cross Connection	Franklin County
Alignment C	Scioto River Crossing	City of Dublin	Madison County
Alignment D	Brand Cross Connection	Shawnee Hills Zone	Union County
Alignment E	Post Cross Connection	Del-Co Water Public Map	

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MAP SEGMENT 4



Legend	
Alignment A	Alignment F
Alignment B	Alignment G
Alignment C	Scioto River Crossing
Alignment D	Brand Cross Connection
Alignment E	Post Cross Connection
US-33 Cross Connection	Del-Co Water Public Map
Shier Rings Cross Connection	Delaware County
Henderson Rd River Crossing	Franklin County
City of Dublin	Madison County
Shawnee Hills Zone	Union County

1. Is there a route that you have work planned? (road expansion, utility work, etc)
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Next Steps



Next Steps



- Digest your feedback and any data you send us
- Conduct geotechnical borings
- Schedule the next Advisory Group meeting (August)
 - Share how alignment options have been narrowed and why



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Launching in July:
<https://cbuswater4.com/>

Please email your comments and any related data to Mary Kate Parkinson in Matt Casey's office at ms consultants at mparkinson@msconsultants.com.



Thank You

