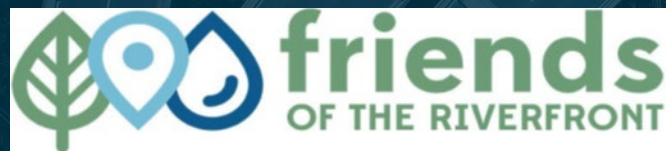


VOPP TRAIL

JULY 13, 2023



TRANSYSTEMS



PRESENTER INFORMATION



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PROJECT TEAM (VOPP STEERING COMMITTEE)

➤ VOPP COMMUNITIES

- BOROUGH OF VERONA
- MUNICIPALITY OF PENN HILLS
- BOROUGH OF OAKMONT
- PLUM BOROUGH

➤ FRIENDS OF THE RIVERFRONT

➤ PA SENATOR JAY COSTA

➤ PA STATE REP JOE McANDREW

➤ PENNDOT DISTRICT 11-0

➤ ALLEGHENY COUNTY

➤ TRANSYSTEMS

- WSP
- Monaloh Basin Engineers (WBE)



THE BOROUGH OF
OAKMONT
ALLEGHENY COUNTY, PENNSYLVANIA



BOROUGH OF PLUM



VOPP TRAIL STEERING COMMITTEE MEETING NO. 3

May 25, 2023 (Microsoft Teams @ 2-PM)

Introduction | Attendance:

The Monthly VOPP Steering Committee Meeting took place via Microsoft Teams on Thursday, May 25, 2023. The following committee members and guests were in attendance:

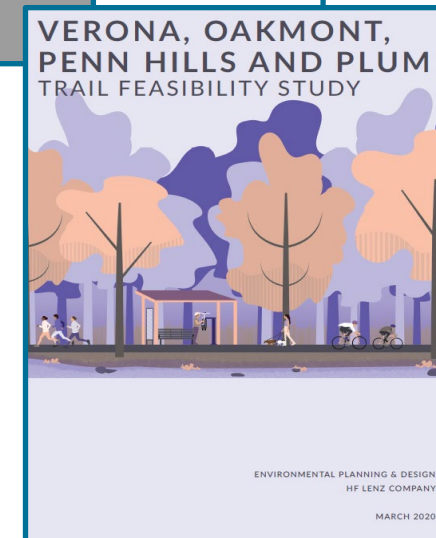
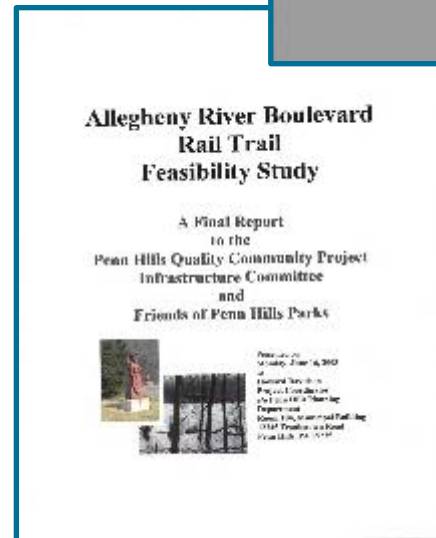
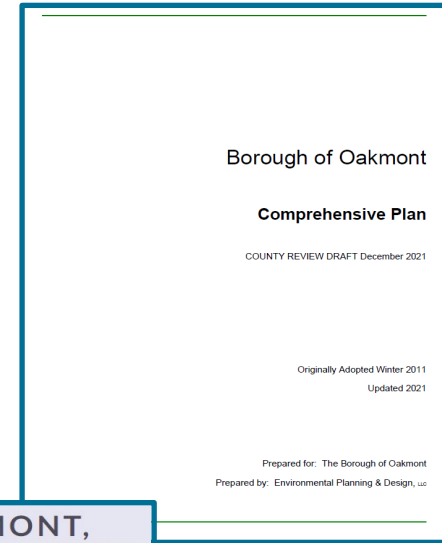
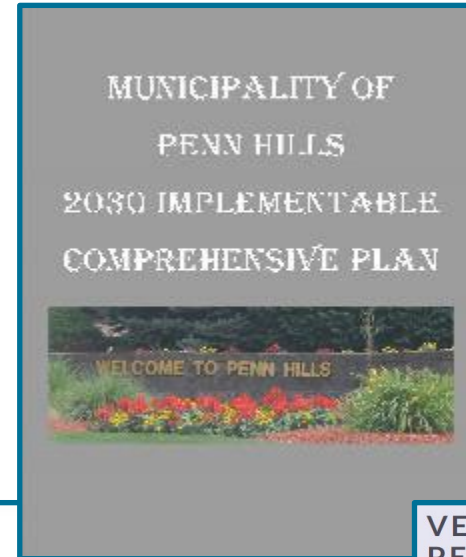
Name:	Affiliation
Brian A, Krul	TranSystems
Sidney B. Kaikai	TranSystems
Kyle Spargur	TranSystems
Michael Hnat	TranSystems
John Nicholson, Jr.	WSP
Zack Kaczmarek	WSP
Courtney Mahronich Vita	Friends of the Riverfront
Katherine Craig	Friends of the Riverfront
Katie Kovalchik	Friends of the Riverfront
Christopher C. Blackwell	Penn Hills
Rick Duncan	Penn Hills
Doug Riegner	Great Allegheny Passage (GAP)
Ann Ogoreuc	Allegheny County
Darla J. Cravotta	Allegheny County
Ruth McClelland	PennDOT District 11-0
Kathryn Fink	PennDOT District 11-0
Rebecca Thompson	PennDOT District 11-0
William "Red" Craig	Verona
Trish Hredzak - Showalter	Verona
John Ashbirdge	Carload Express
Scott Fodi	Oakmont
Anthony Lascola	Oakmont
Dave Sobosley	Plum
Molly Levine	Senator Jay Costa's Office
Zack Dittman	TranSystems Intern - Pitt
Ally Trexler	TranSystems Intern - Pitt
Virgil Stubenbort	Penn Hills Intern - Kent State U

PROJECT HISTORY

➤ EARLY STUDIES

➤ FUNDING OPPORTUNITIES

➤ FORMATION OF VOPP COMMITTEE



VOPP TRAIL LIMITS

(14 MILES)



Map Key

	Verona Trail Section		Proposed Bridges
	Oakmont Trail Section		Traffic
	Penn Hills Trail Section		Traffic Signals
	Plum Trail Section		Rail Road Crossing
	Municipal Boundaries		
	Interstate 76		
	Rail Road Tracks		



THE BOROUGH OF **OAKMONT**
ALLEGHENY COUNTY, PENNSYLVANIA



Borough of Verona
Incorporated 1871



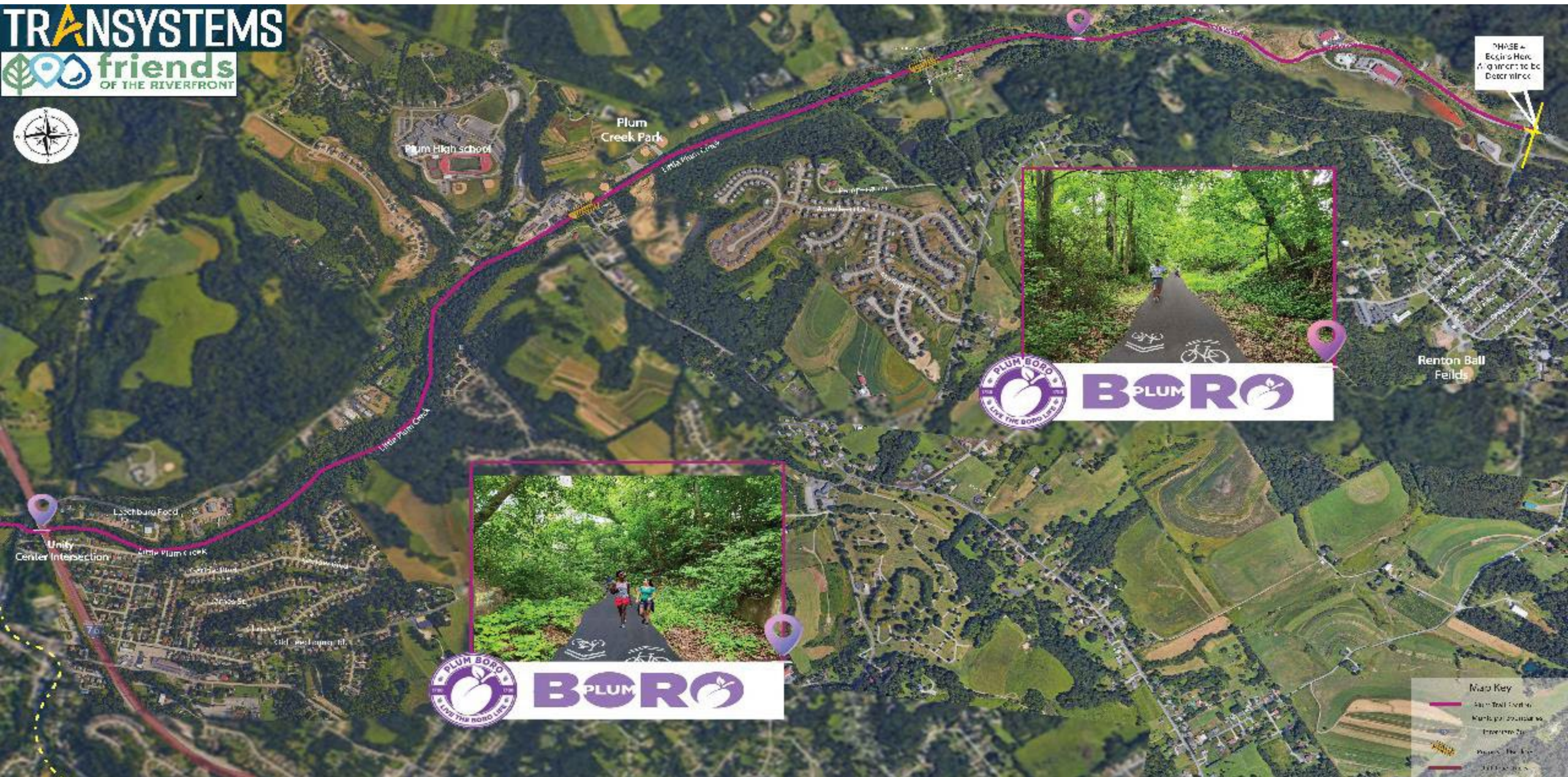
The Municipality of **PENN HILLS**
Allegheny County, Pennsylvania
A HOME RULE COMMUNITY

VOPP TRAIL LIMITS

(14 MILES)

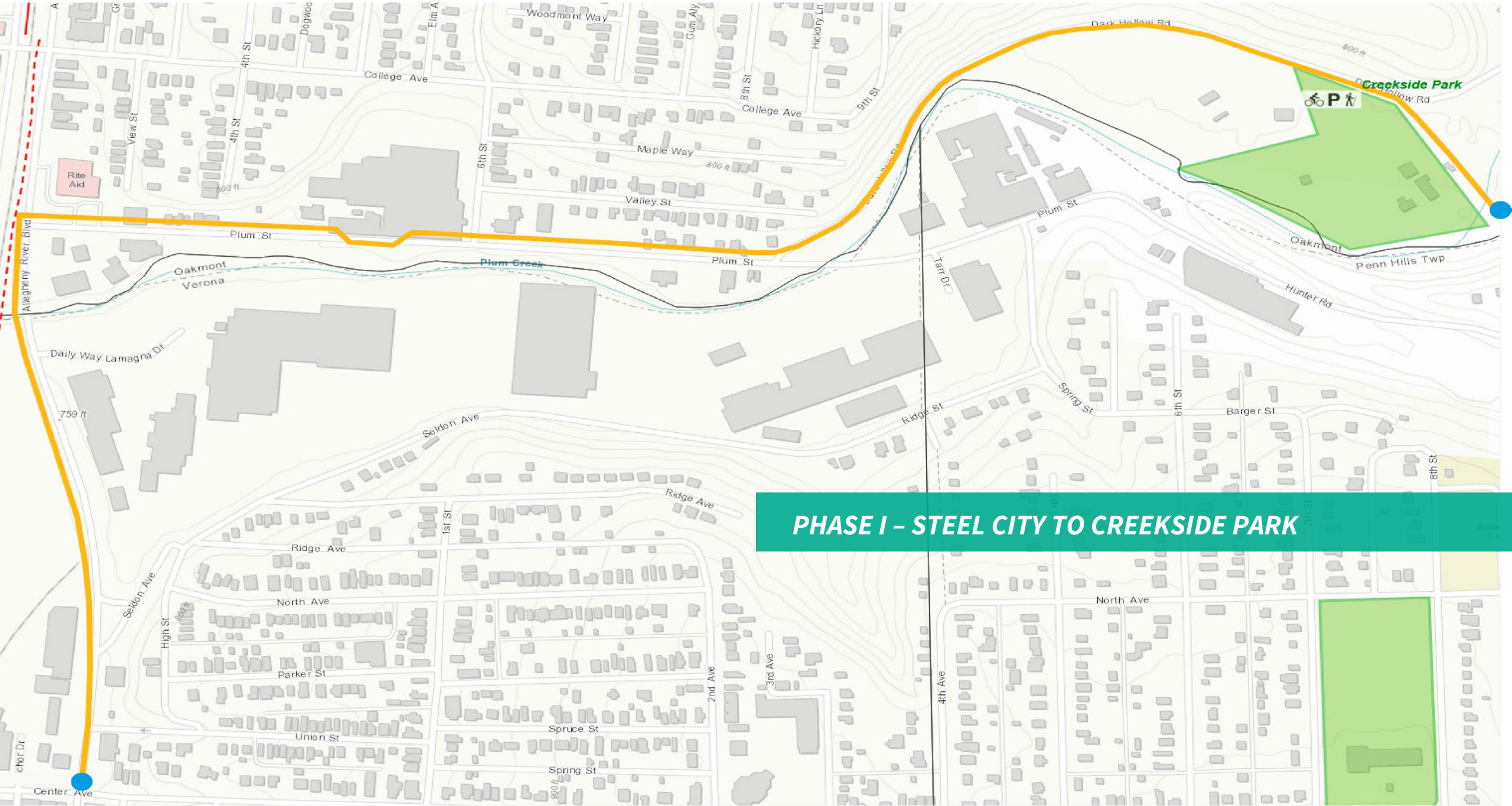
TRANSYSTEMS

friends
OF THE RIVERFRONT



Map Key

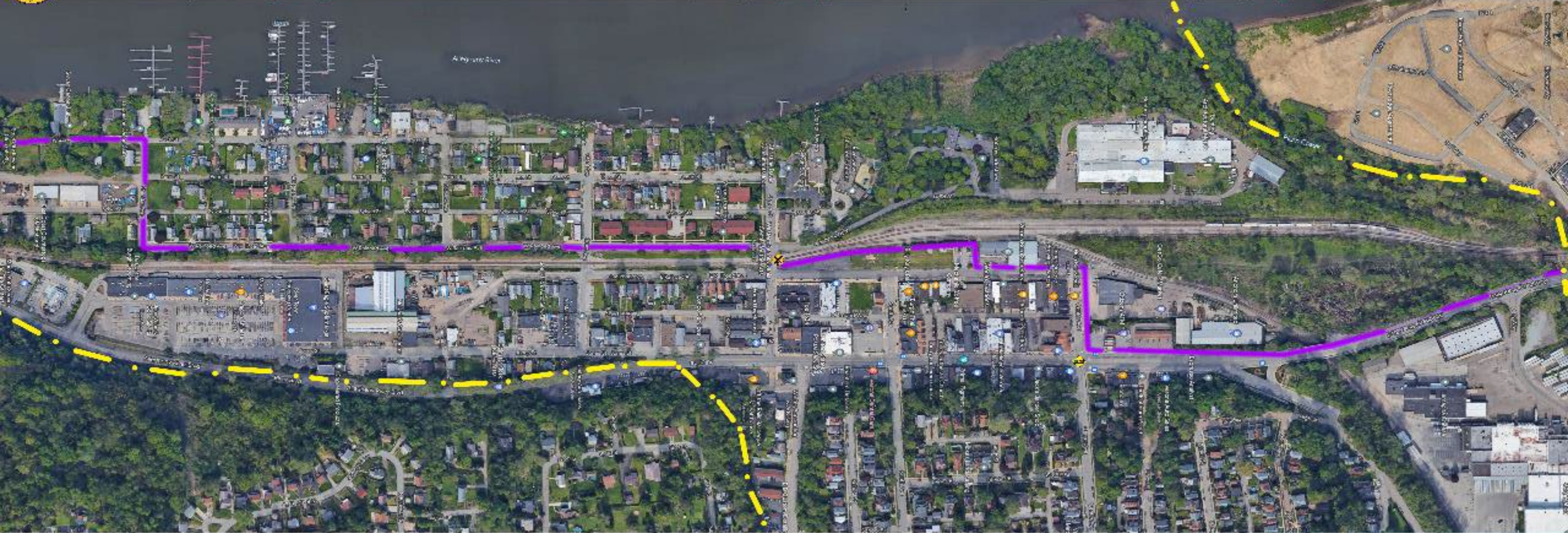
	VOPP Trail Limits
	Municipal Boundaries
	Interstate
	Plum Creek
	Highways



PHASE I – STEEL CITY TO CREEKSIDE PARK

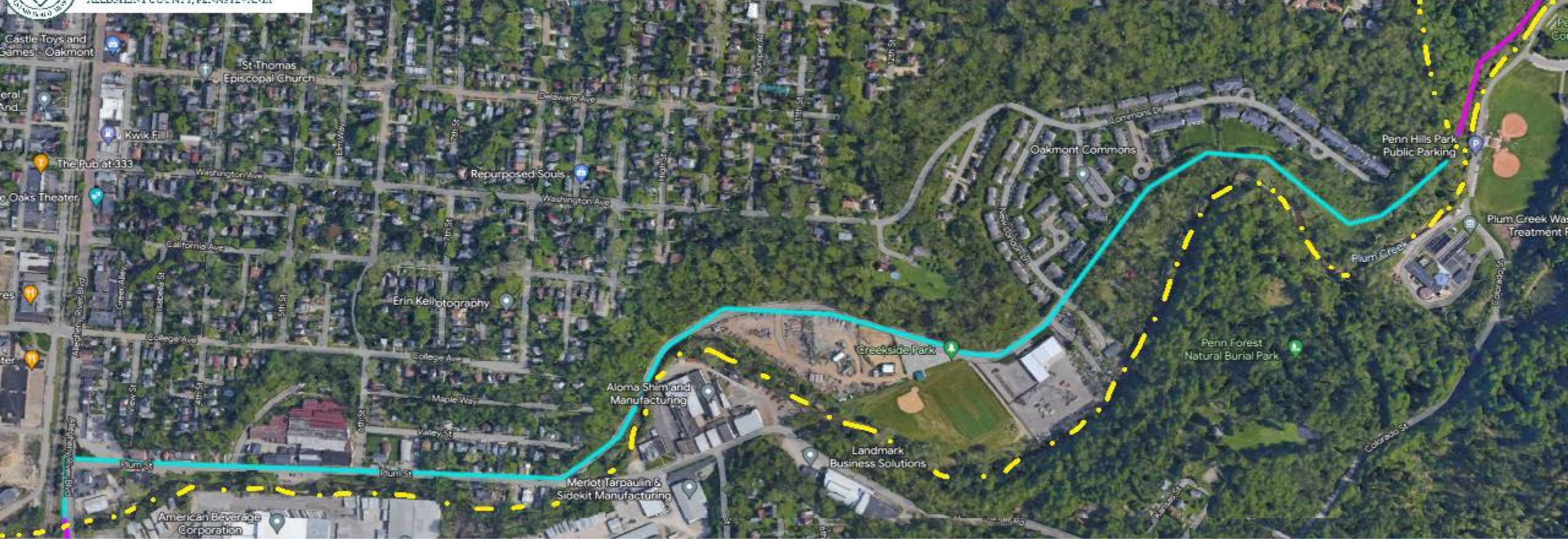
VOPP TRAIL PHASE 1

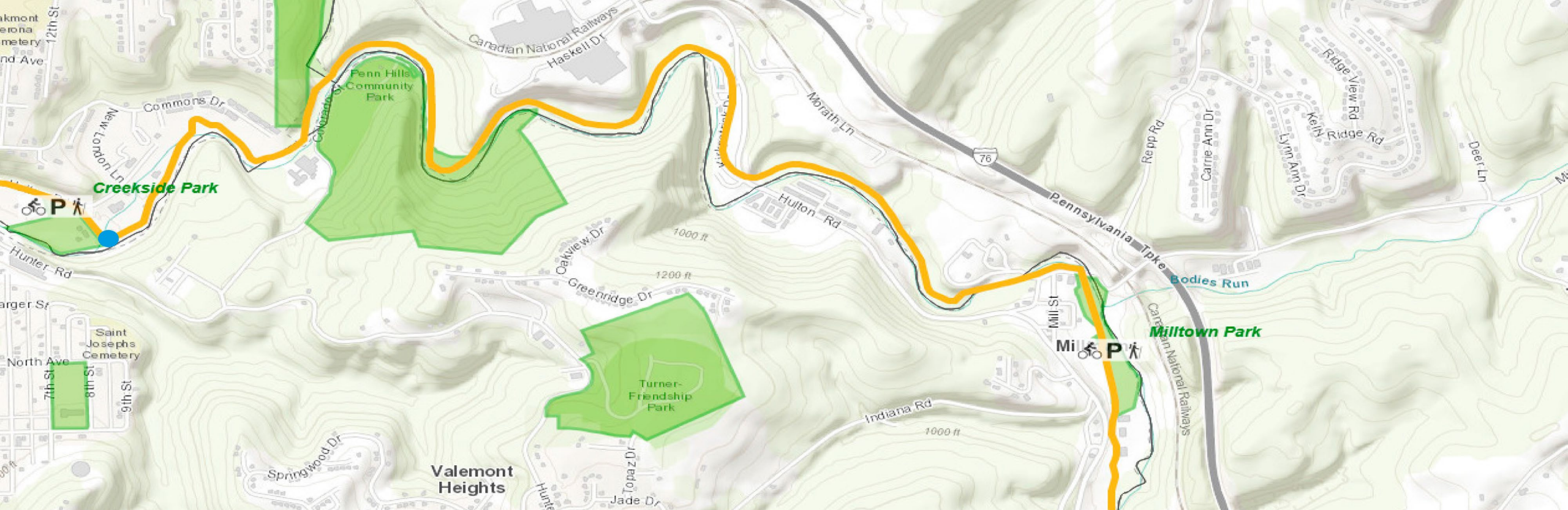
- WEST RAILROAD AVENUE (SEGMENT A)
- EAST RAILROAD AVENUE (SEGMENT B)
- ALLEGHENY RIVER BOULEVARD (SEGMENT C)



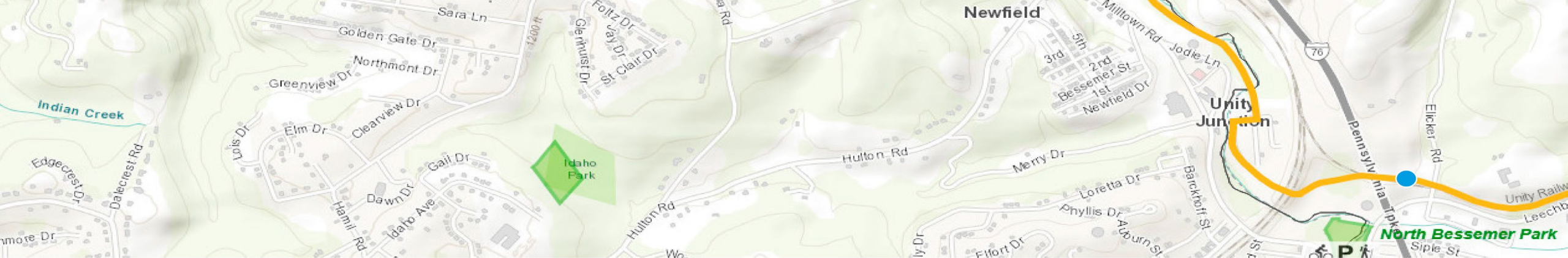
VOPP TRAIL PHASE 1

- PLUM STREET (SEGMENT D)
- DARK HOLLOW (SEGMENT E)
- CREEKSIDE PARK (SEGMENT F)





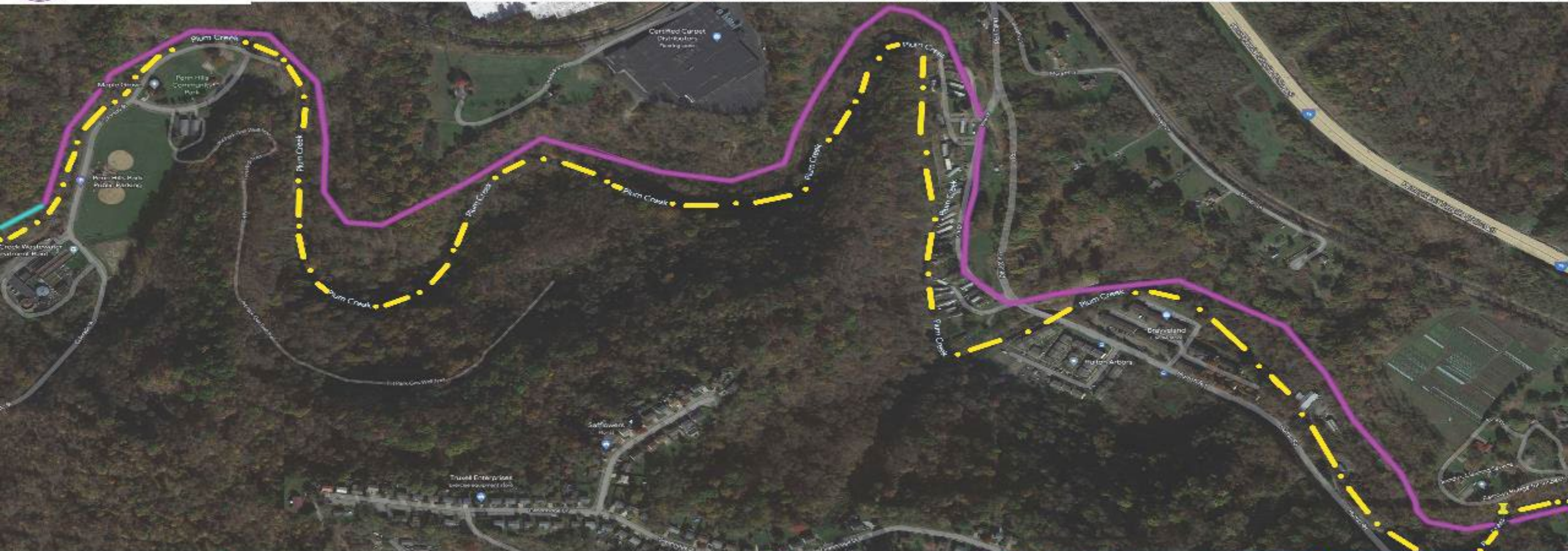
PHASE 2 - CREEKSIDE PARK TO UNITY JUNCTION TUNNEL



VOPP TRAIL PHASE 2

- NEW LONDON (SEGMENT G)
- PENN HILLS PARK (SEGMENT H)

- KIRK DRIVE (SEGMENT I)
- HULTON CROSSING (SEGMENT J)



VOPP TRAIL PHASE 2

- HULTON ROAD (SEGMENT K)
- MILLTOWN PARK (SEGMENT L)
- JODIE LANE (SEGMENT M)
- UNITY JUNCTION (SEGMENT N)



31444 Municipality 151
PENN HILLS
Allegheny County, Pennsylvania
A HOME RULE COMMUNITY



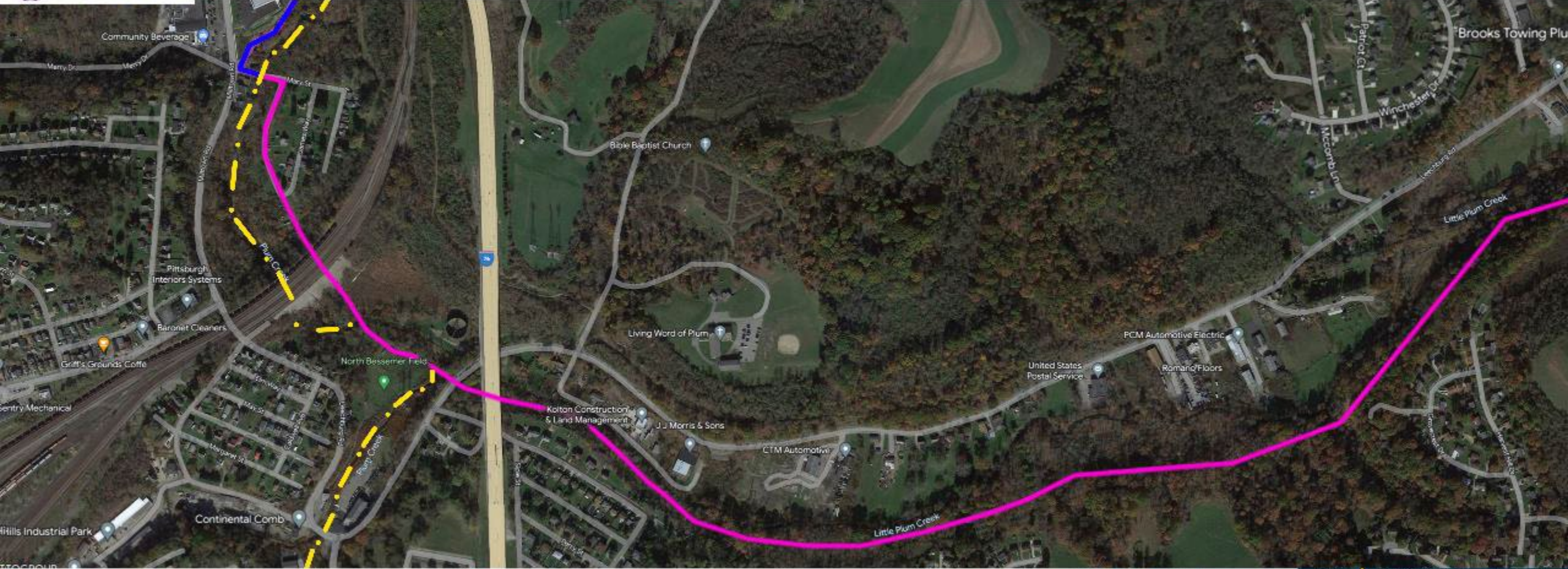


PHASE 3 – UNITY JUNCTION TUNNEL TO PLUM MUNICIPAL BUILDING

VOPP TRAIL PHASE 3

➤ NORTH BESSEMER BRIDGES (SEGMENT O)

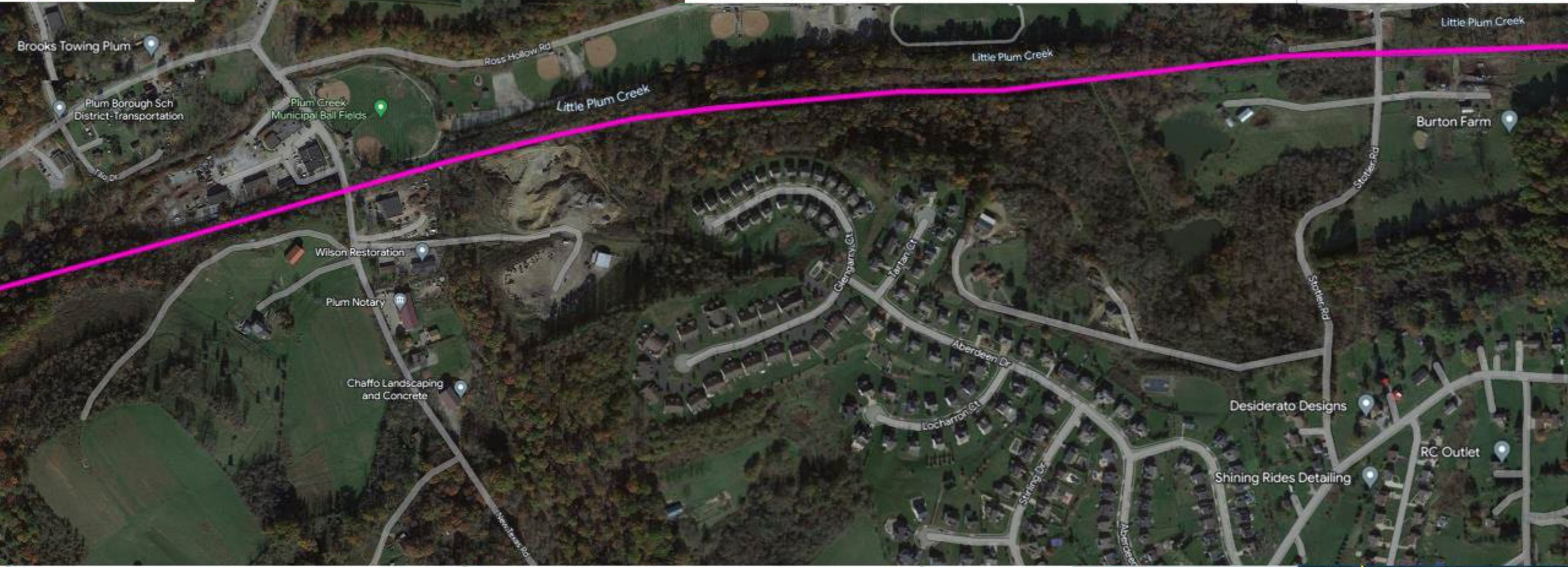
➤ LEECHBURG ROAD (SEGMENT P)



VOPP TRAIL PHASE 3

➤ NEW TEXAS ROAD (SEGMENT Q)

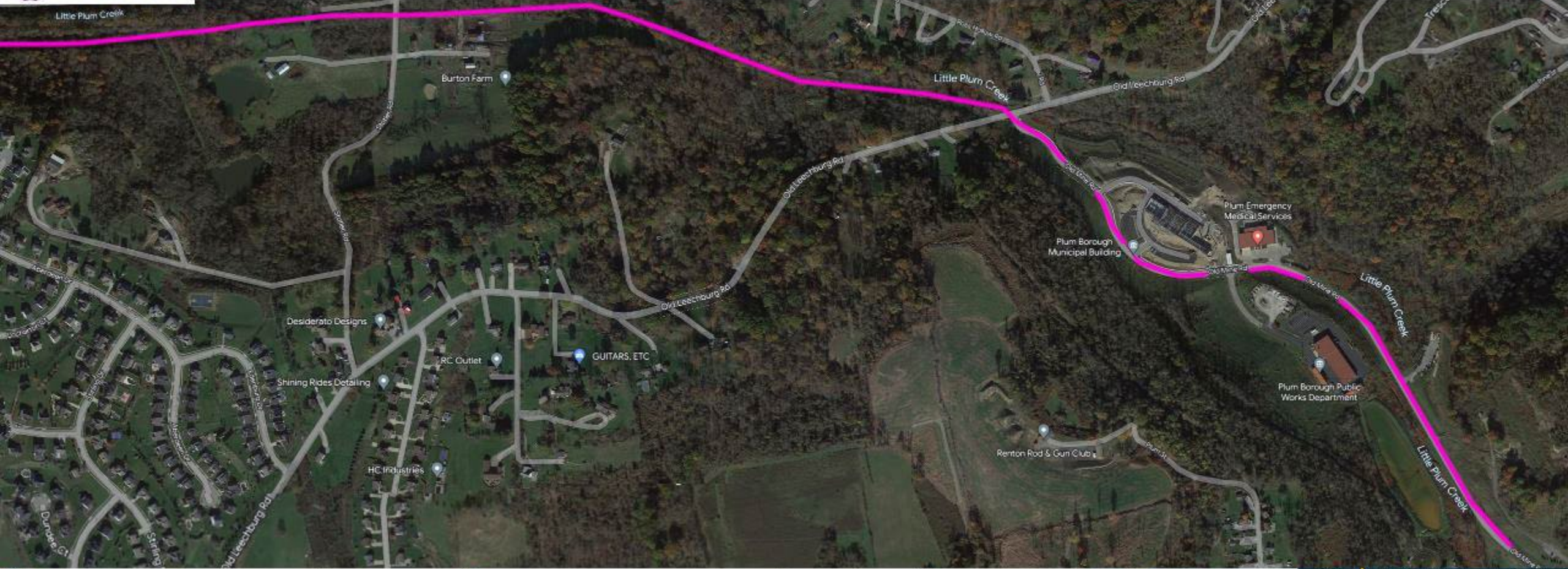
➤ ROSS HOLLOW ROAD (SEGMENT R)

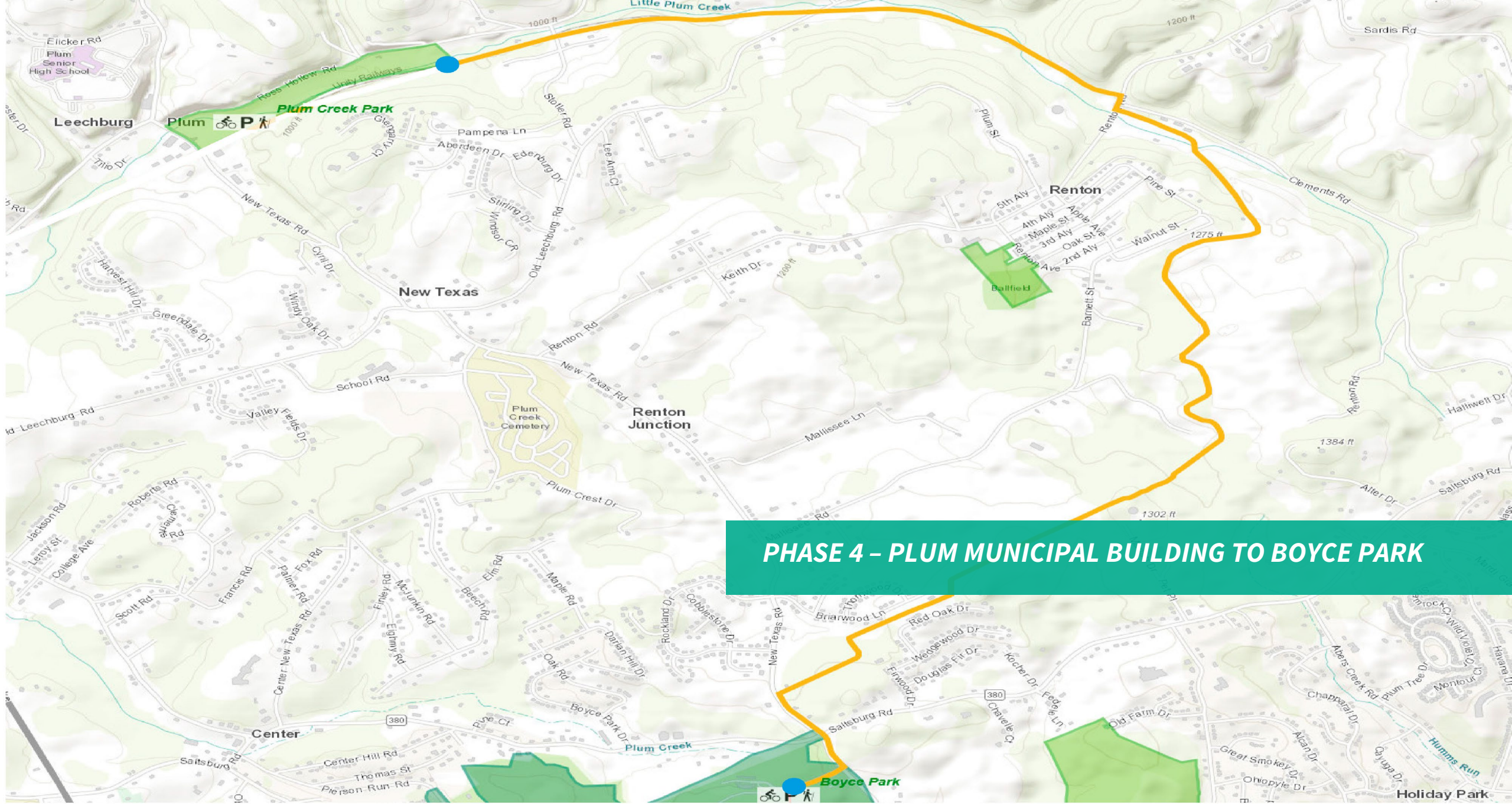


VOPP TRAIL PHASE 3

➤ OLD MINE ROAD (SEGMENT S)

➤ PLUM MUNICIPAL BLDG (SEGMENT T)





PHASE 4 - PLUM MUNICIPAL BUILDING TO BOYCE PARK

VOPP TRAIL PHASE 4

ALIGNMENT TO BE DETERMINED



MAJOR DESTINATIONS

- Riverbank Park (Verona)
- Railroad Park (Verona)
- Allegheny River Boulevard – Central Business District
- Creekside Park (Oakmont)
- Penn Hills Community Park (Penn Hills)
- Milltown Park (Penn Hills)
- North Bessemer Park (Penn Hills)
- Plum Creek Park (Plum)
- Renton Ballfields (Plum)
- Boyce Park (Plum)



ROADWAYS

- Sheridan Avenue, Penn Street, James Street, E Railroad Avenue, Center Avenue, Allegheny River Boulevard (SR 2073) [Verona]
- Plum Street (SR 2080), Dark Hollow Road [Oakmont]
- Hulton Road (SR 2058), Milltown Road (SR 2058) [Penn Hills]

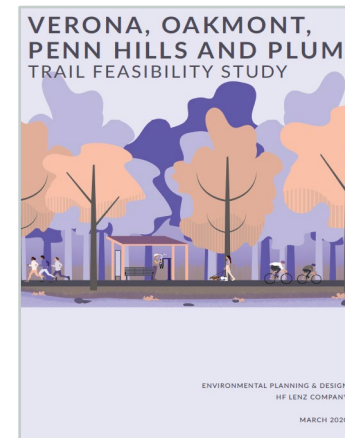


- Elicker Road, Leechburg Road (SR 2086), New Texas Road (SR 2075), Ross Hollow Road, Stotler Road, Old Leechburg Road (SR 2076), Old Mine Road, New Texas Road (SR 2075), Saltsburg Road (SR 0400) [Plum]

SCOPE TASKS

➤ REVIEW OF AVAILABLE INFORMATION

- Oakmont Comprehensive Plan – 12/2021
- VOPP Trail Feasibility Study – 3/2020
- Existing Roadway / ROW Plans
- Local Knowledge



➤ FIELD VIEW

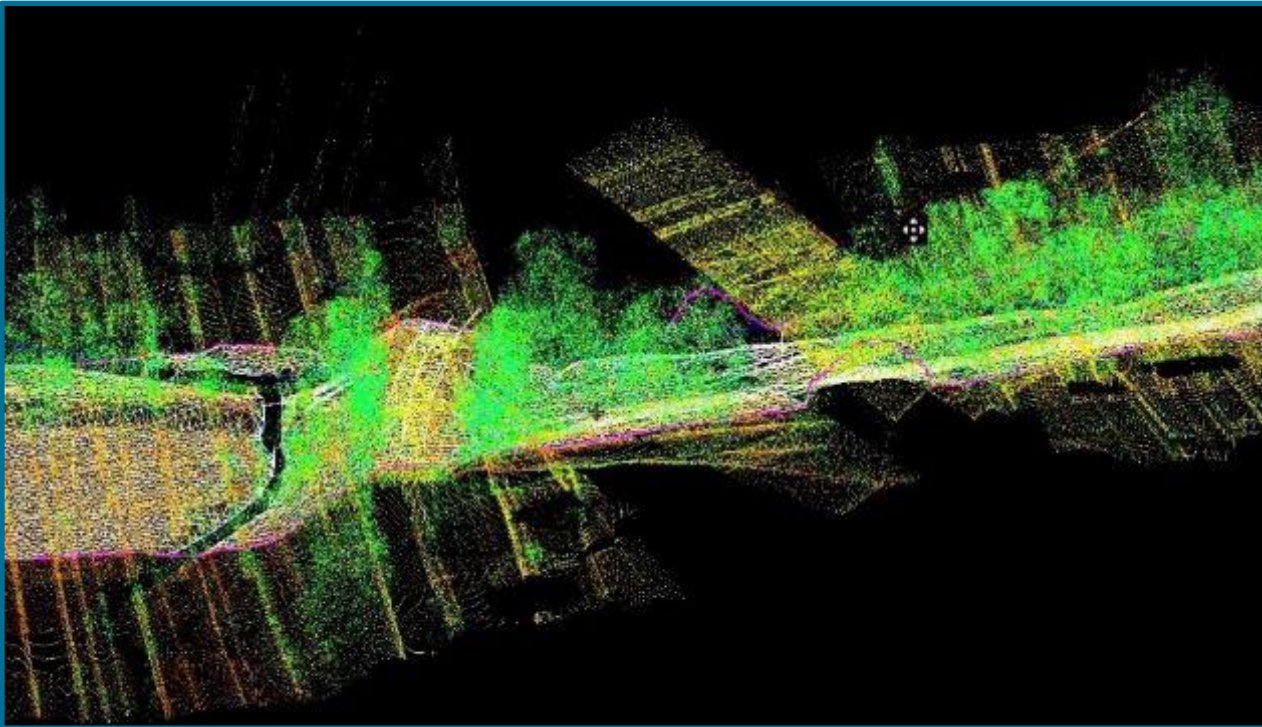
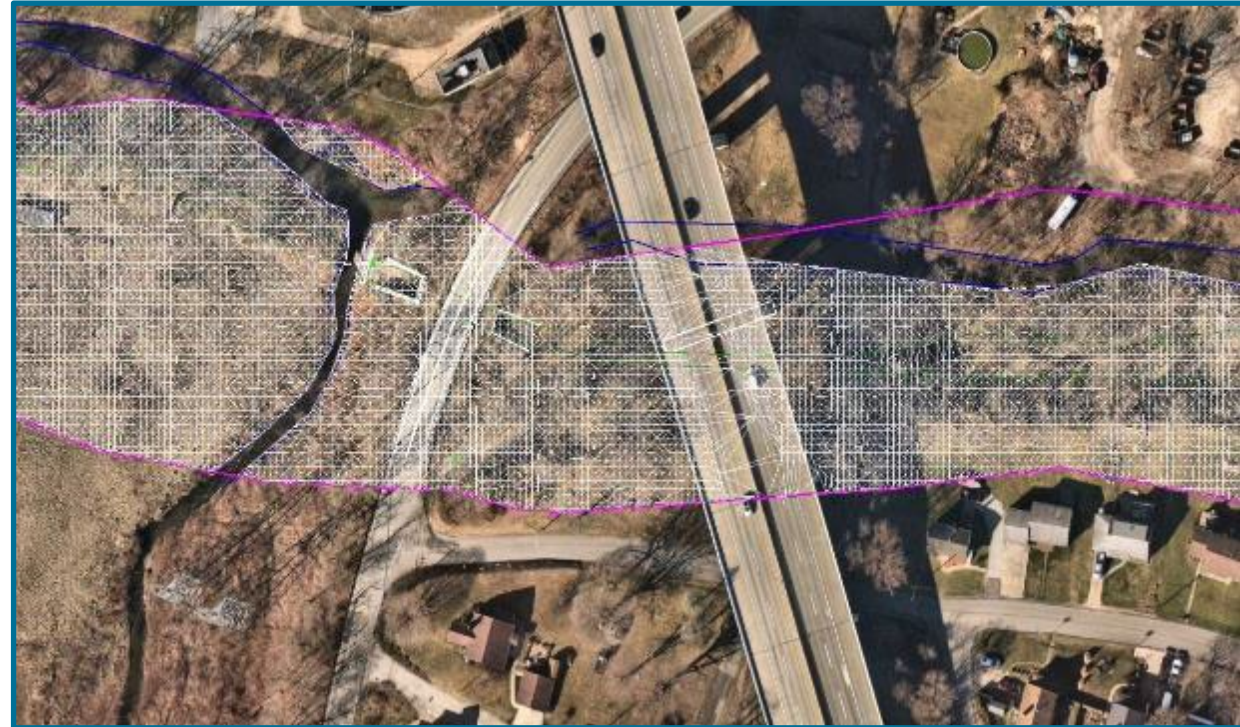
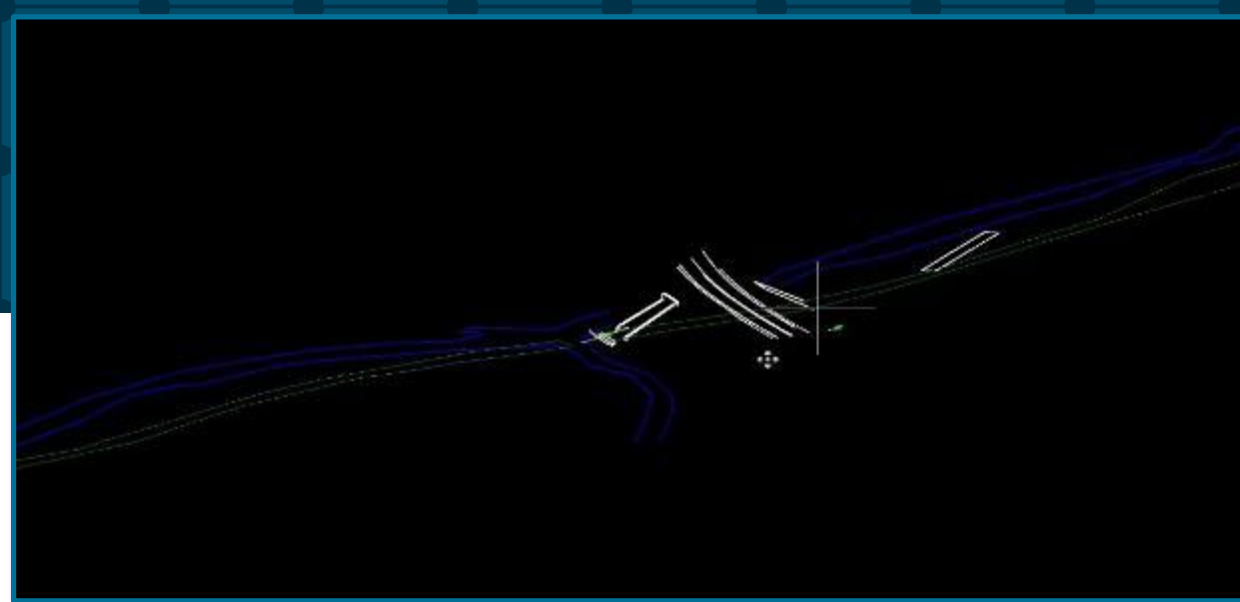
- Spring 2023 – all 14 miles!
- Review Alignment(s)
- Use 360-degree camera
- Establish a base path for SUAS – Small Unmanned Aircraft Systems



SCOPE TASKS

➤ SURVEY / MAPPING

- Drones / Supplemental Ground Survey
- Deed / Property Research
- Notice of Intent to Enter Letters (NOITE)



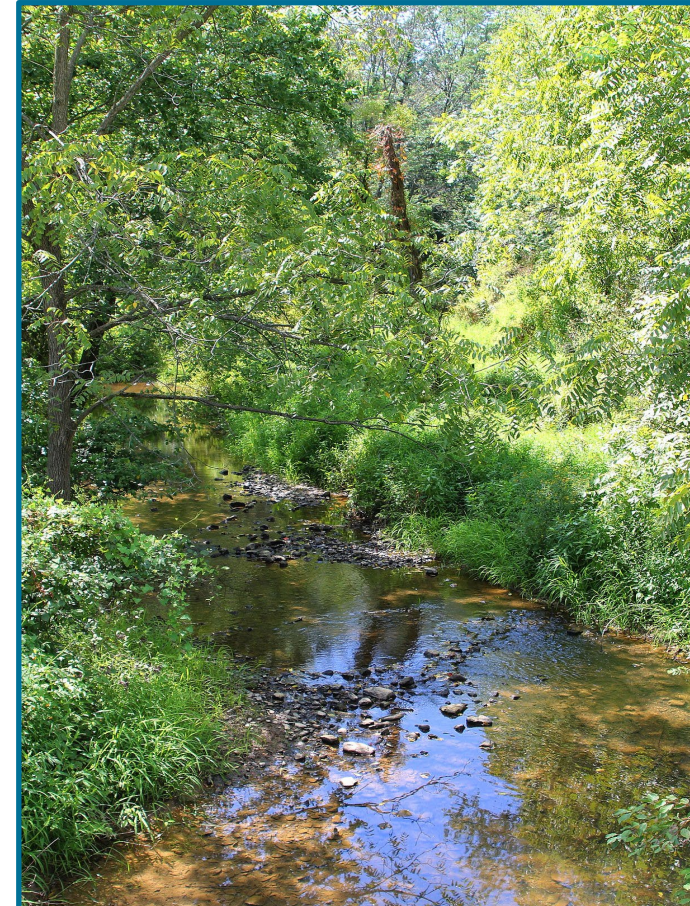
SCOPE TASKS

➤ PERMITTING

- DEP / Conservation District for Plum Creek
- PennDOT Highway Occupancy Permits (HOPs)
- Erosion & Sediment Control Plans
- Drainage Design

➤ TRAFFIC STUDIES AND TRAFFIC ANALYSIS

- PennDOT Coordination
- Traffic Analysis / Traffic Signal Warrants



SCOPE TASKS

➤ OTHER DESIGN SERVICES

- Utility Impacts
- Trail / Pavement Design
- Signing & Pavement Markings / Traffic Control
- Design Plan Submissions (50% & 95%)

➤ BICYCLE DESIGN

- 10-foot Bi-Direction Lane (desirable)
- 2-foot buffered areas adjacent to travel lane (delineator posts)
- Widened Shoulders / Sidepaths
- Shared Lane Markings (limited ROW areas)
- Multimodal Trails / Pathways (wooded areas)
- Trail Amenities / Trailhead Locations



SCOPE TASKS

➤ STAKEHOLDER INVOLVEMENT

- Monthly VOPP Steering Committee Meetings
- Members from Verona, Oakmont, Penn Hills, Plum, Allegheny County, PennDOT, Friends of the Riverfront, Businesses, GAP Trail
- Monthly meeting (last Thursday of the month)

➤ PUBLIC PROCESS

- Public Meeting Preparation / Coordination
- Public Outreach Efforts
- Community Event Participation

Join Us!

Join us on January 19th
Steel City Rowing @ 6:30
101 Arch St, Verona, PA 15147

VOPP TRAIL CONNECTOR

WE NEED YOUR INPUT

Visit: friendsoftheriverfront.org/trail_dev/vopptrail for more information

PHASE I VOPP TRAIL

Steering Committee Meeting Minutes

Date/Time: Monday December 5, 2022 @ 1:00PM
Location: Microsoft Teams

Summary: VOPP Steering Committee Meeting to discuss Public Mtg and Design issues. The following issues were discussed by the VOPP Steering Committee:

- PennDOT to provide information on bike protected lane requirements and buffer zones from previous meeting.
- A question came up regarding the traffic turning into Get-Go (south of ARB) vs. Daily's (north of ARB). While there may be more deliveries for Daily's, there is more traffic turning into / out of the Get-Go.
- The Steering Committee participated in the following Teams Polls with the results as follows:
 - Which type of bicycle lane does the committee prefer on ARB. One Bike Lane on each side (0%) vs a bi-directional lane on either the north end or south end of ARB (100%). Based on poll results, the VOPP Steering Committee unanimously selected the bi-directional bike lane on either side of the road (not both sides).
 - Which side of ARB should the bi-directional bike lane be located: North (60%) vs South (40%). North is where Daily's and Plum Street are located. South is where the Get-Go is located.
- The One Bike Lane on each side of the ARB presents the following challenges: maintenance issues, buffer zone distances, type and location of protected barrier, and it impacts businesses / driveways on both sides as opposed to only side.
- For the Public Meeting, it was discussed to only show a schematic of the bi-directional bike lane on the north and south ends of ARB; it was decided not to show the One Bike Lane on each side. We can have that in hand to let the public know it was dismissed for a variety of reasons as listed above.
- With the traffic signal warranted at ARB and Plum Street, either the north or south end would provide an adequate crossing at Plum Street for the extension of the trail.
- Plum Street will be generally discussed as a two-phased approach: Phase I will be utilizing shared lane markings for an on-road trail and Phase II will be a protected bike lane once the engineering, permitting and property acquisition has been completed. The Plum Street side of Plum Street appears to have less conflicts than the opposite side of the street - there will be more permitting issues on this side but overall favorable.
- The Public Meeting will be held on Thursday January 19, 2023 @ 6:30PM at Steel City Rowing. Friends of the Riverfront has completed the flyer which is on their website. (https://friendsoftheriverfront.org/trail_dev/vopptrail)
- TransSystems will arrive early to set up and provide sign in sheets, presentation and poster boards.

ACTION ITEMS

- TransSystems to follow up with PennDOT to obtain some bicycle lane information
- TransSystems to provide traffic info for Get-Go's and Daily's to determine turns / trips
- Investigate some properties on Plum Street and FEMA critical areas
- TransSystems to prepare a presentation and posterboards for the public meeting - send to Steering Committee a week prior to the Public Meeting
- Friends to prepare a virtual public survey on the Friends of the Riverfront website

Minutes Completed By: TranSystems - Brian Krul *Brian A Krul*

VOPP PHASE I TRAIL

THESE ARE CONCEPTUAL RENDERINGS ONLY





VOPP TRAIL TWO-WAY SEPARATED BIKE LANE ON SOUTHBOUND ARB

SCHEDULE

- PERMITTING AND UTILITY MEETINGS – SUMMER 2023
- DESIGN OF ALL 4 PHASES ~ SUMMER 2023 – SUMMER 2024
- PERMITTING ~ COMPLETION BY FALL 2024
- CONSTRUCTION DOCUMENTS & BIDDING ~ END OF 2024 (PENDING CONSTRUCTION DOLLARS / PROJECT PHASING)
- PUBLIC MEETINGS ~ 4 THROUGHOUT THE DURATION OF THE PROJECT

CONTACT INFORMATION



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