A close-up photograph of a person's right foot wearing a blue and white running shoe, positioned on a paved surface. The shoe is the primary focus, with the background being a blurred outdoor setting.

Boyce Mayview Park

Morton/Gardens Phase 2

Perimeter Trail

August 26, 2019

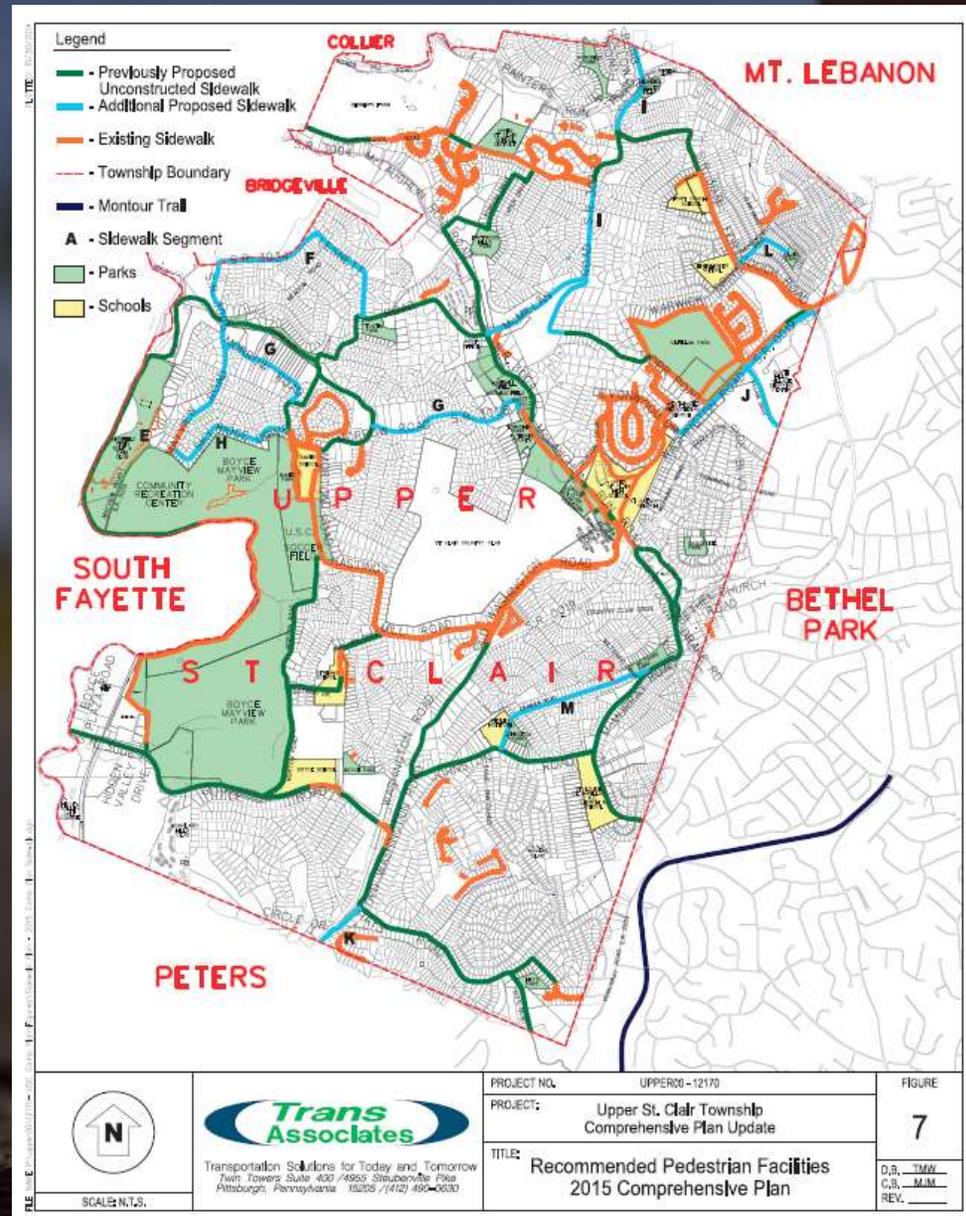
Morton/Gardens Phase 2 Perimeter Trail

Topics of Discussion

- 2015 Comprehensive Plan
- 1999 Boyce Mayview Master Plan
- Existing Perimeter Trail
- Park Improvements pertaining to the trail
- Morton/Gardens Phase 2 options
- Budget
- Sight Photos

Townships 2015 Comprehensive Plan

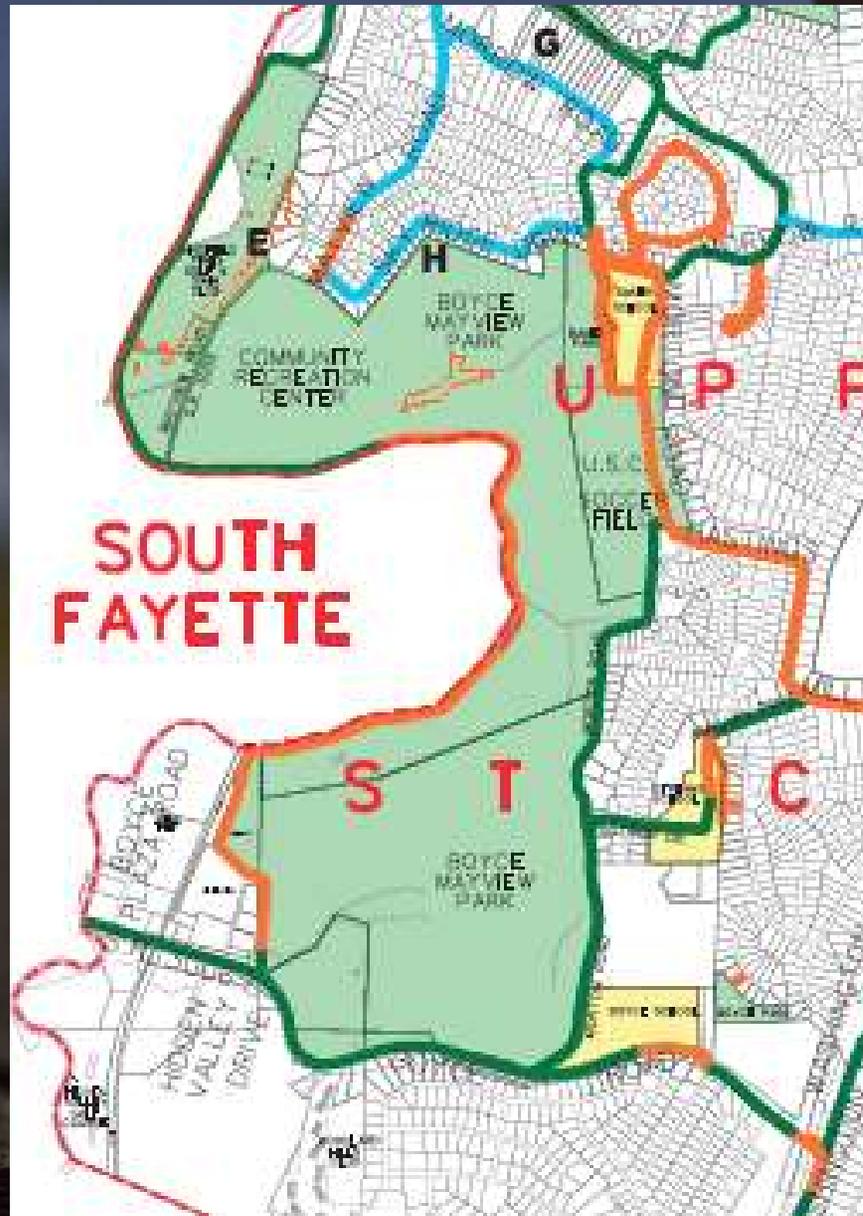
“2005 Township Sidewalk and Bike plans, is to provide sidewalks along most arterial roadways within Upper St. Clair Township. This comprehensive sidewalk network would serve to promote safe pedestrian circulation throughout the Township, providing much needed connections from residential areas to neighborhood parks, Boyce Mayview Park, schools, shopping, and transit.”



Townships 2015 Comprehensive Plan

“...trends and public feedback, key influences impacting community vitality include the community’s housing draws and diversity, civic amenities, advancement and **desires for increased connectivity.**”

“Based on the results of the Quality of Life Survey, residents desire additional pedestrian connections and new bicycle connections to be constructed within the Township.”



Townships 2015 Comprehensive Plan

Community Survey

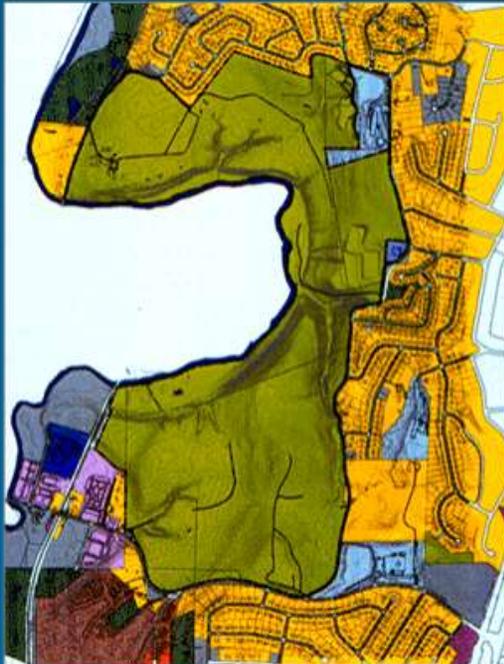
- Nearly 40% of households utilize sidewalks and/or trails in the Township weekly.
- Residents expressed their most desired improvements within the Township's park and recreation system is walking facilities within the parks.
- Of the residents desiring improvements to the Township's neighborhood park and recreation facilities, requested highest priority items are trail/walking facilities followed by swimming pools, picnic shelters and dog park facilities.



Boyce Mayview Park – Master Plan Presentation

Adopted in Oct. 1999

SITE CONTEXT



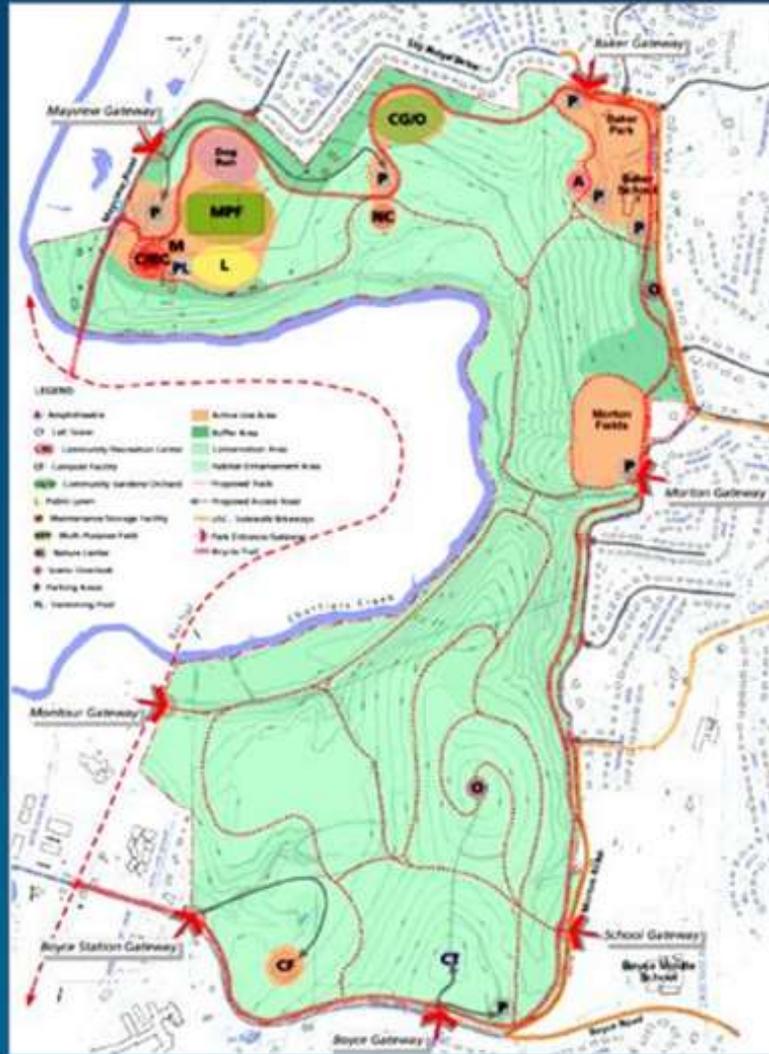
- Connections to adjacent facilities and other Township neighborhoods
- Connections to adjacent schools, parks, senior community, and proposed spur to Montour Trail



Boyce Mayview Park – Master Plan Presentation

Adopted in Oct. 1999

MASTER PLAN CONCEPT



“Multi-Use (Bicycle) Trail A multi-use trail would be paved and accommodate both walkers and bicyclists, and would require a minimum 8-foot width. The trail would require signs or striping to indicate bike/pedestrian zones and sight distance/ vegetation clearing to meet safety standards.”

Boyce Mayview Park – Master Plan Presentation

Adopted in Oct. 1999

“Improve pedestrian access by developing trail links from the community to the key areas within the Park. Getting people to the park conveniently with the least amount of disturbance to the park requires excellent connections to the planned sidewalk and bicycle paths planned by the Township. More people reaching the park on foot and by bike mean less traffic in the adjoining neighborhoods and less impact on the park.”

MASTER PLAN PRINCIPLE #8

Improve pedestrian access by developing trail links from the community to key areas within the Park.



Township of **USC**
Upper St. Clair

WRT

The perimeter trail was considered the crown jewel of Boyce Mayview Park. Created connectivity to the community.

Park Trail Map

C&RC

- 1.5 miles
- Available parking

C&RC to Morton Complex

- 1.5 miles
- Available parking at Pavilion, Baker Park, Morton Complex

Southern Extension

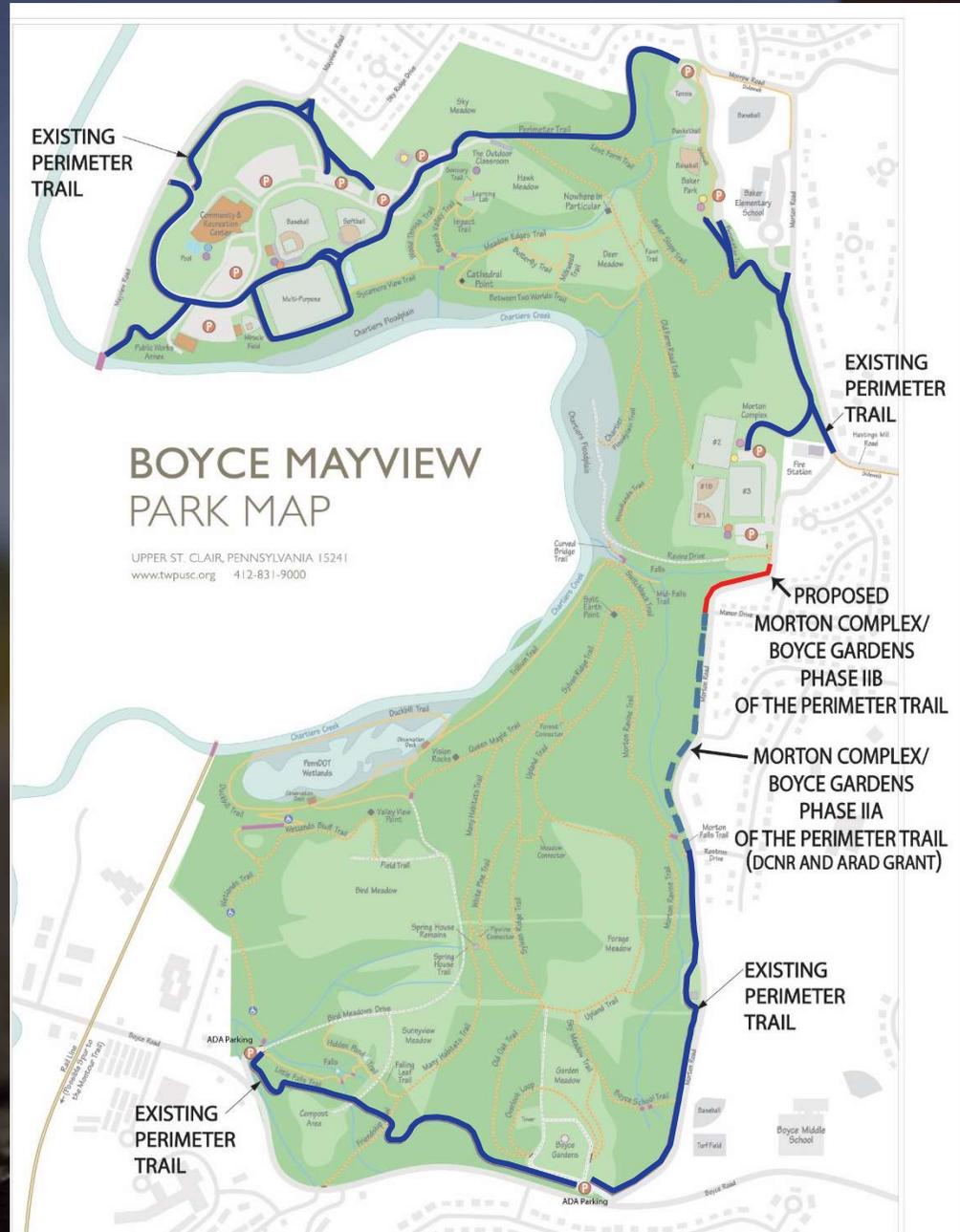
- 0.75 mile
- (2) picnic areas
- benches along trail
- Paved parking lots
- ADA accessibility

Morton/Gardens Phase 1

- 0.75 mile
- Community connection
- Available ADA parking at Boyce Gardens

Morton/Gardens Phase 2

- 0.5 mile
- Community connections



Existing Perimeter Trail – C&RC

2009 Trail Installation

- Approximately 1.5 mile
- Social gathering location
- Trail connections
 - South Fayette Township
 - Hastings Development



Existing Perimeter Trail

2009 Trail Installation

- Approximately 1.5 miles from Morton Complex, through Baker Park, to the C&RC area.
- Trail head locations with parking.



Perimeter Trail – Southern Extension



Pre Construction
Picnic area at Wetlands Entrance trail head



Post Construction
Picnic area at Wetlands Entrance trail head
ADA Accessible Route

Perimeter Trail – Southern Extension

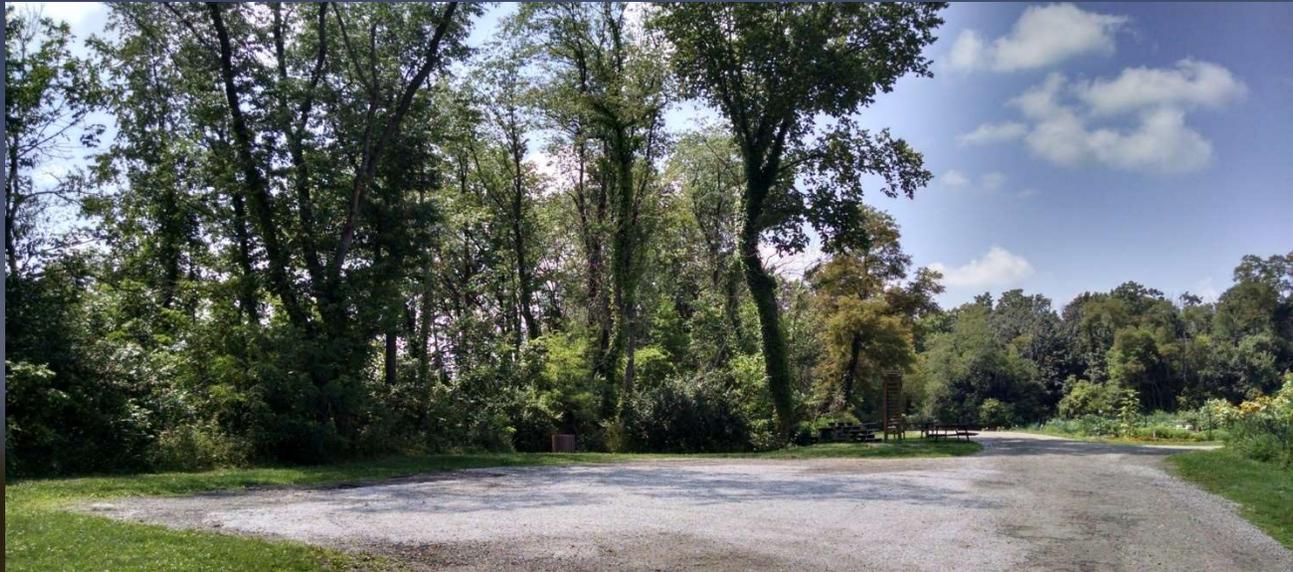


Pre Construction
Trail Head at Wetlands
Entrance
Improved Parking lot –
non ADA compliant



Post Construction
Trail Head at Wetlands Entrance
Improved Parking lot - meeting
ADA regulations

Perimeter Trail – Morton/Gardens Phase I



Pre Construction gravel parking lot



Post Construction ADA accommodated asphalt parking lot.



Perimeter Trail – Morton/Gardens Phase I



Pre Construction
Along Morton Road at Boyce Road



Post Construction
Along Morton Road at Boyce Road

Perimeter Trail – Morton/Gardens Phase I

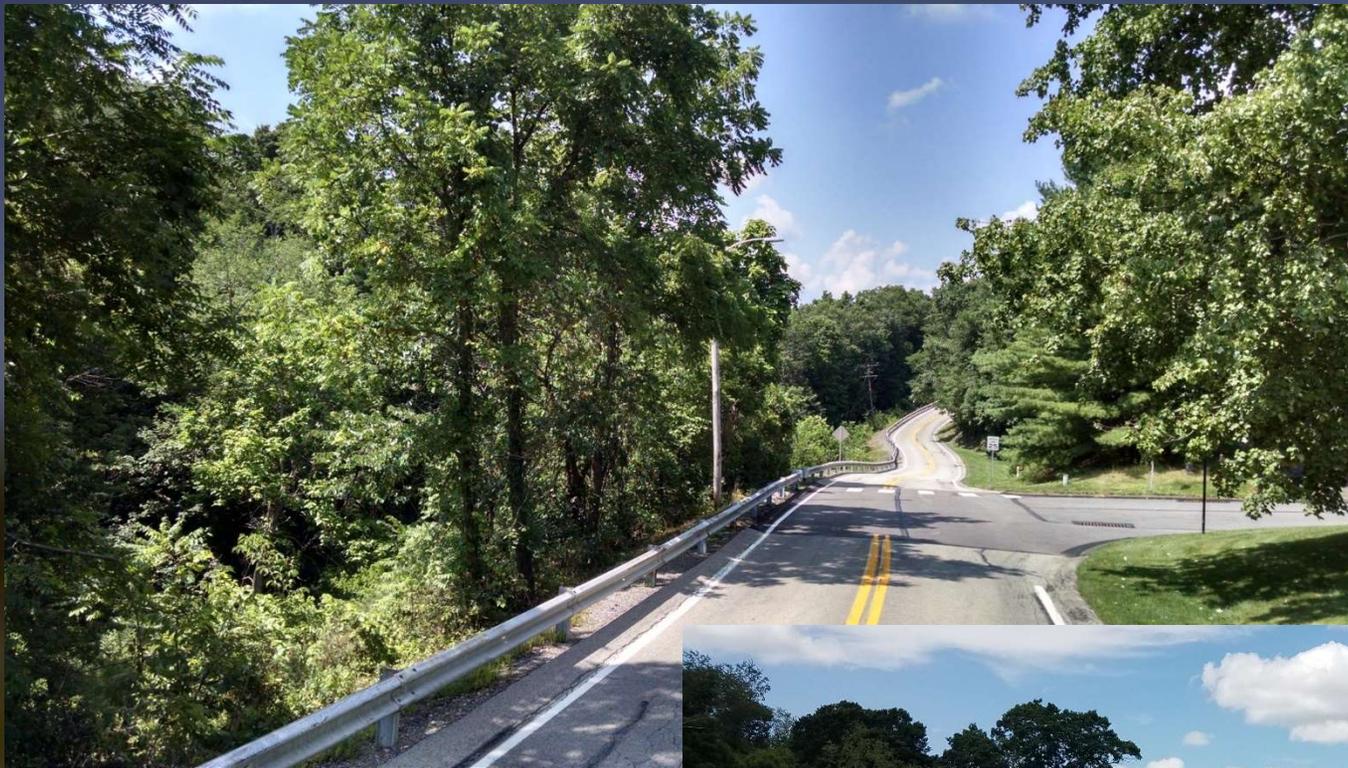


Pre Construction
Around the Caste Barn

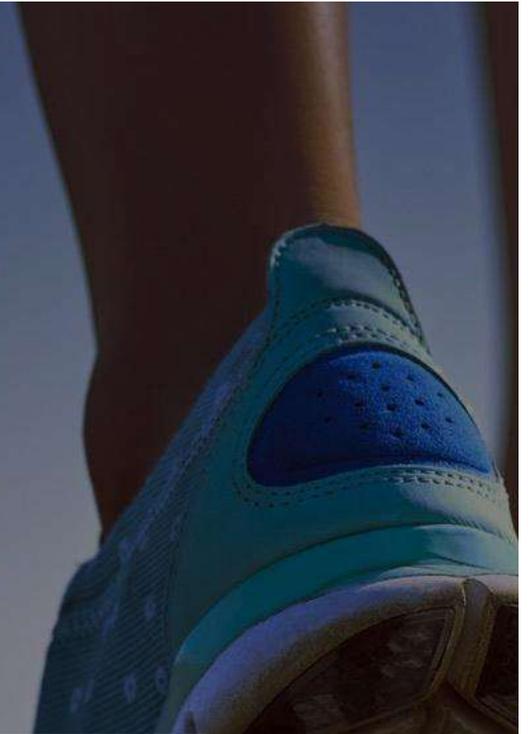


Post Construction
Around the Caste Barn

Perimeter Trail – Morton/Gardens Phase I

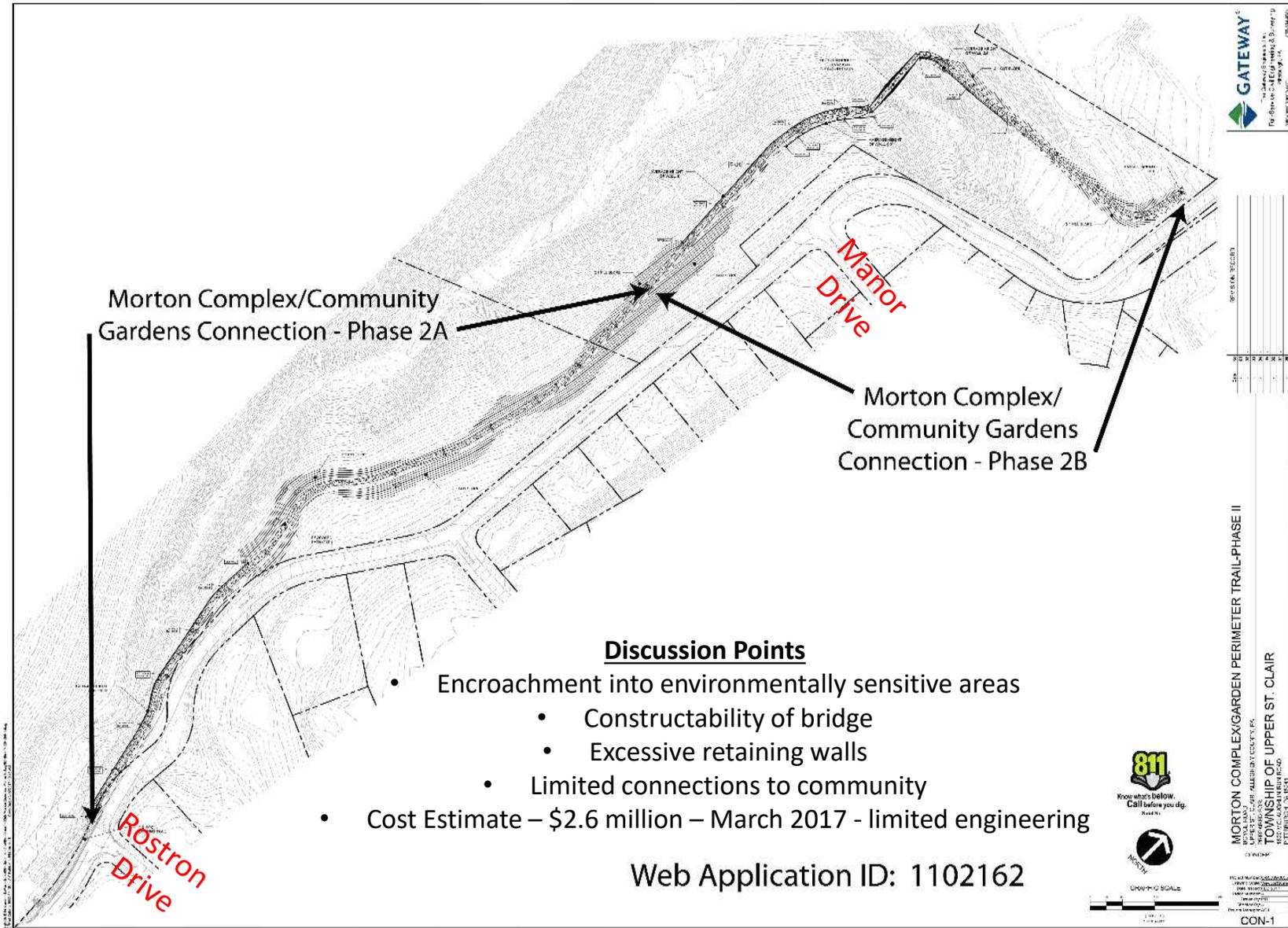


Pre Construction
Morton/Gardens Phase I
at Rostron Drive



Post Construction
Morton/Gardens Phase I
at Rostron Drive

Morton/Gardens Phase 2 Option 1

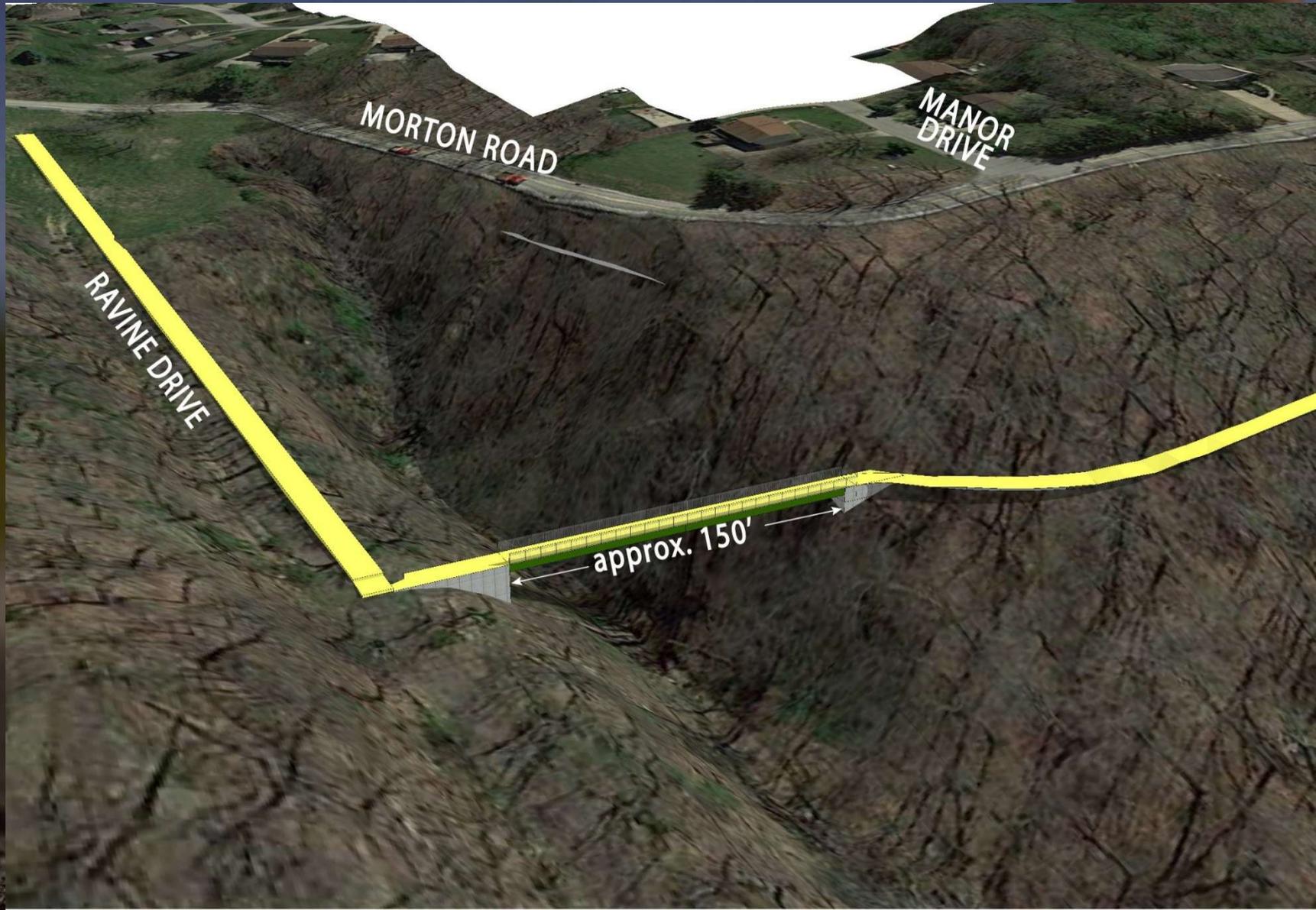


Discussion Points

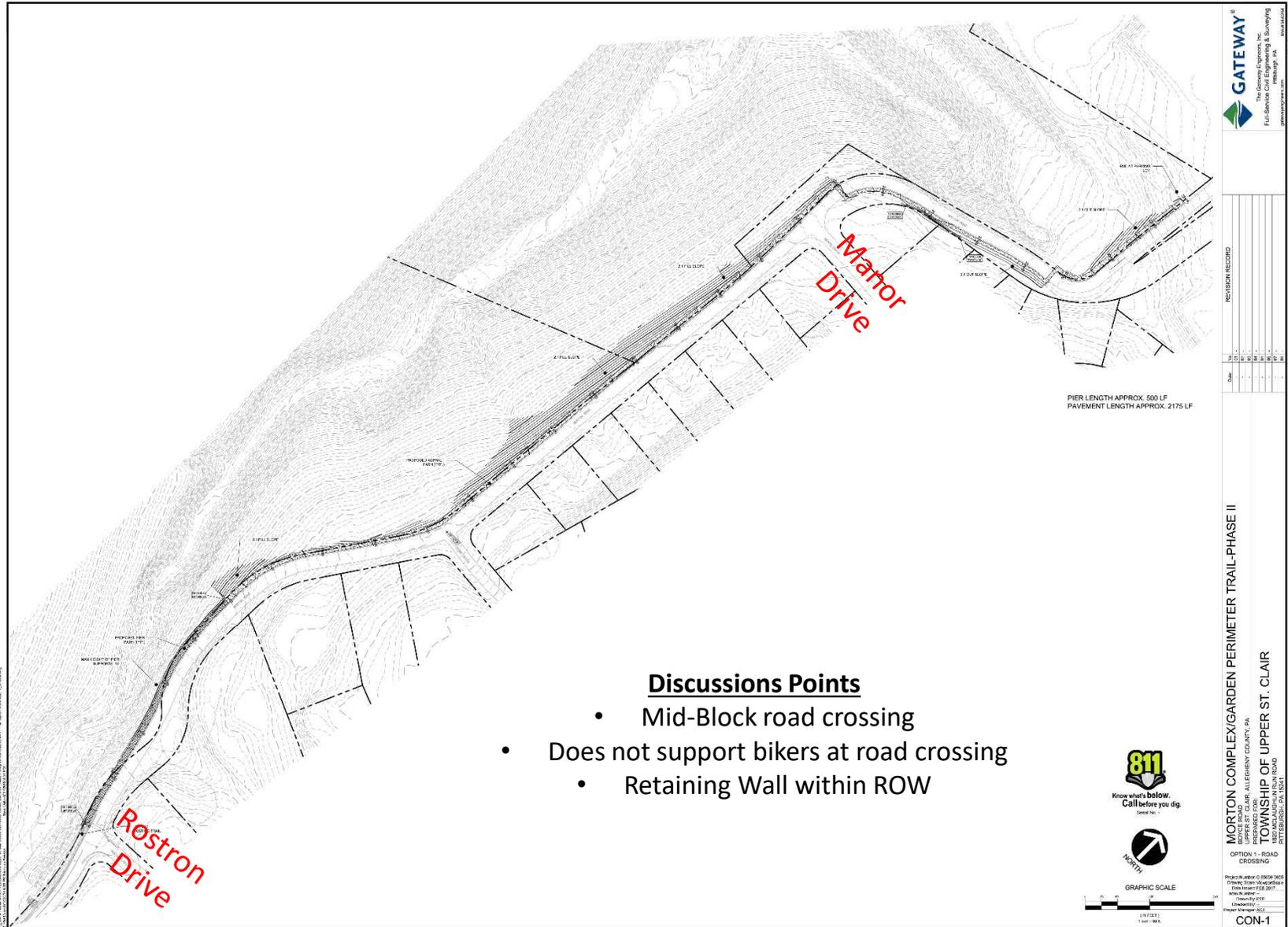
- Encroachment into environmentally sensitive areas
 - Constructability of bridge
 - Excessive retaining walls
 - Limited connections to community
- Cost Estimate – \$2.6 million – March 2017 - limited engineering

Web Application ID: 1102162

Morton/Gardens Phase 2 - Option I



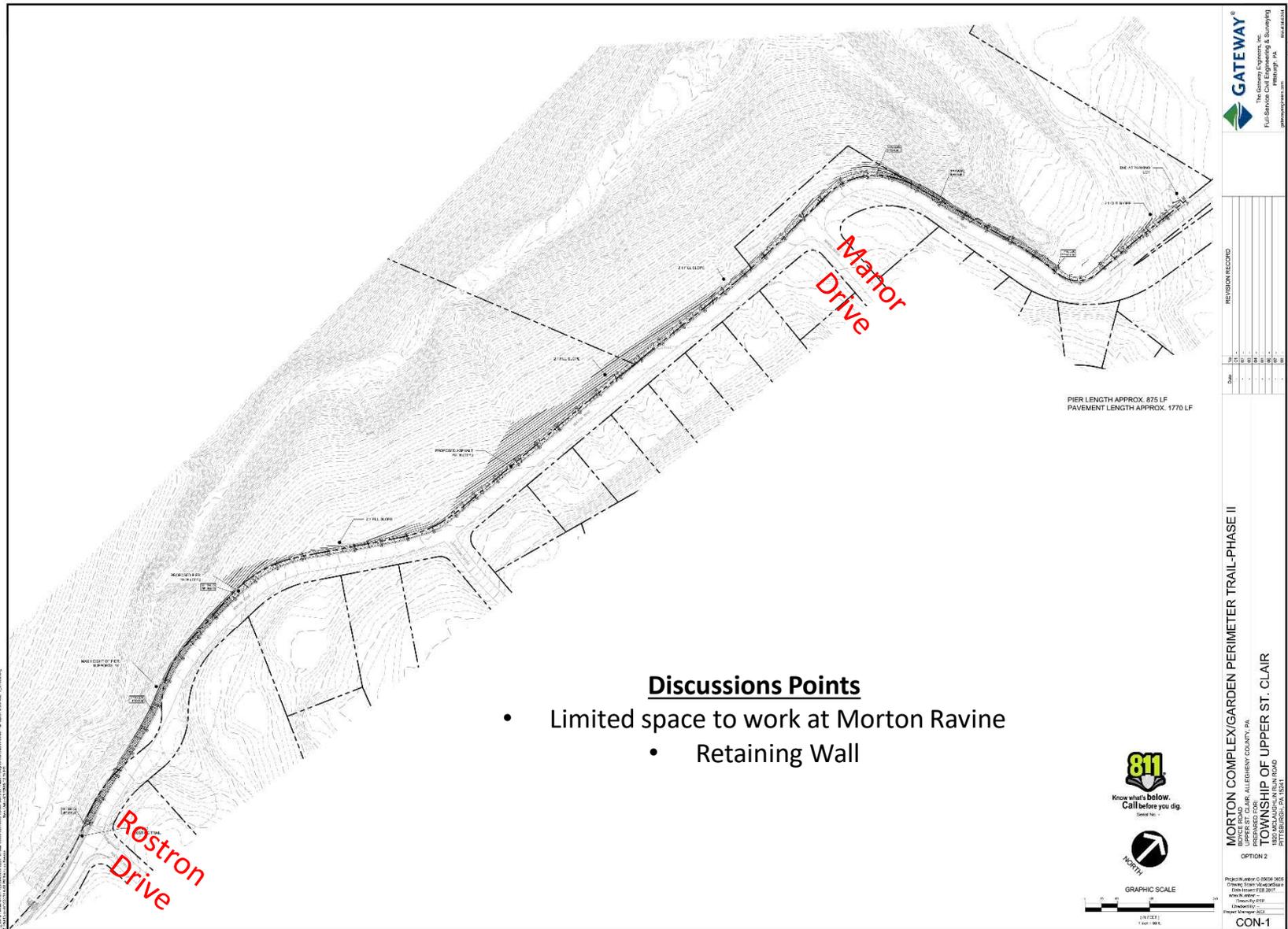
Morton/Gardens Phase 2 – Option 2 – Crossing Morton Road



Discussions Points

- Mid-Block road crossing
- Does not support bikers at road crossing
 - Retaining Wall within ROW

Morton/Gardens Phase 2 – Option 3 – Along Morton Road



Discussions Points

- Limited space to work at Morton Ravine
 - Retaining Wall

Perimeter Trail Morton/Gardens Phase 2 Option?

Option 4

Why?

- Keep the Perimeter Trail on Boyce Mayview Park Property
 - No mid-block crossing
- Recent Cost Estimates reduced price
- Improves Morton Road
- Less invasive to environmentally sensitive areas
 - Steep slopes, wildlife, vegetation
 - Stormwater location
- Constructability
 - Shortens the length of the boardwalk...from 875' to 120'
- Cost estimate - \$2.1 million –March 2019 – at final engineering

Perimeter Trail Morton/Gardens Phase 2 Budget

Gateway Engineers Cost Estimate – March 2019

- Phase 2A – \$1,023,185
- Phase 2B – \$1,090,500

Morton/Gardens Phase 2A

- Grants
 - DCNR - \$300,000 - awarded
 - RAD 2018 - \$100,000 - awarded
 - RAD 2019 - \$100,000 - awarded
- Bidding
 - Advertise in November 2019
 - Bids due in January 2020
 - Construction to commence in Spring of 2020

Morton/Gardens Phase 2B

- Grants
 - DCNR - \$250,000 – requested
 - DCED - \$250,000 – requested
 - RAAC GEDF - \$250,000 – requested
 - RAD 2020 - \$200,000 – requested

Perimeter Trail – Morton/Gardens Phase 2 - Photos



Perimeter Trail – Morton/Gardens Phase 2 - Photos



Perimeter Trail – Morton/Gardens Phase 2 - Photos



Perimeter Trail – Morton/Gardens Phase 2 - Photos



Perimeter Trail – Morton/Gardens Phase 2 - Photos



Perimeter Trail – Morton/Gardens Phase 2 - Photos



Perimeter Trail – Morton/Gardens Phase 2 - Photos



Perimeter Trail – Morton/Gardens Phase 2 - Photos



Perimeter Trail – Morton/Gardens Phase 2 - Photos



Perimeter Trail – Morton/Gardens Phase 2 - Photos



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