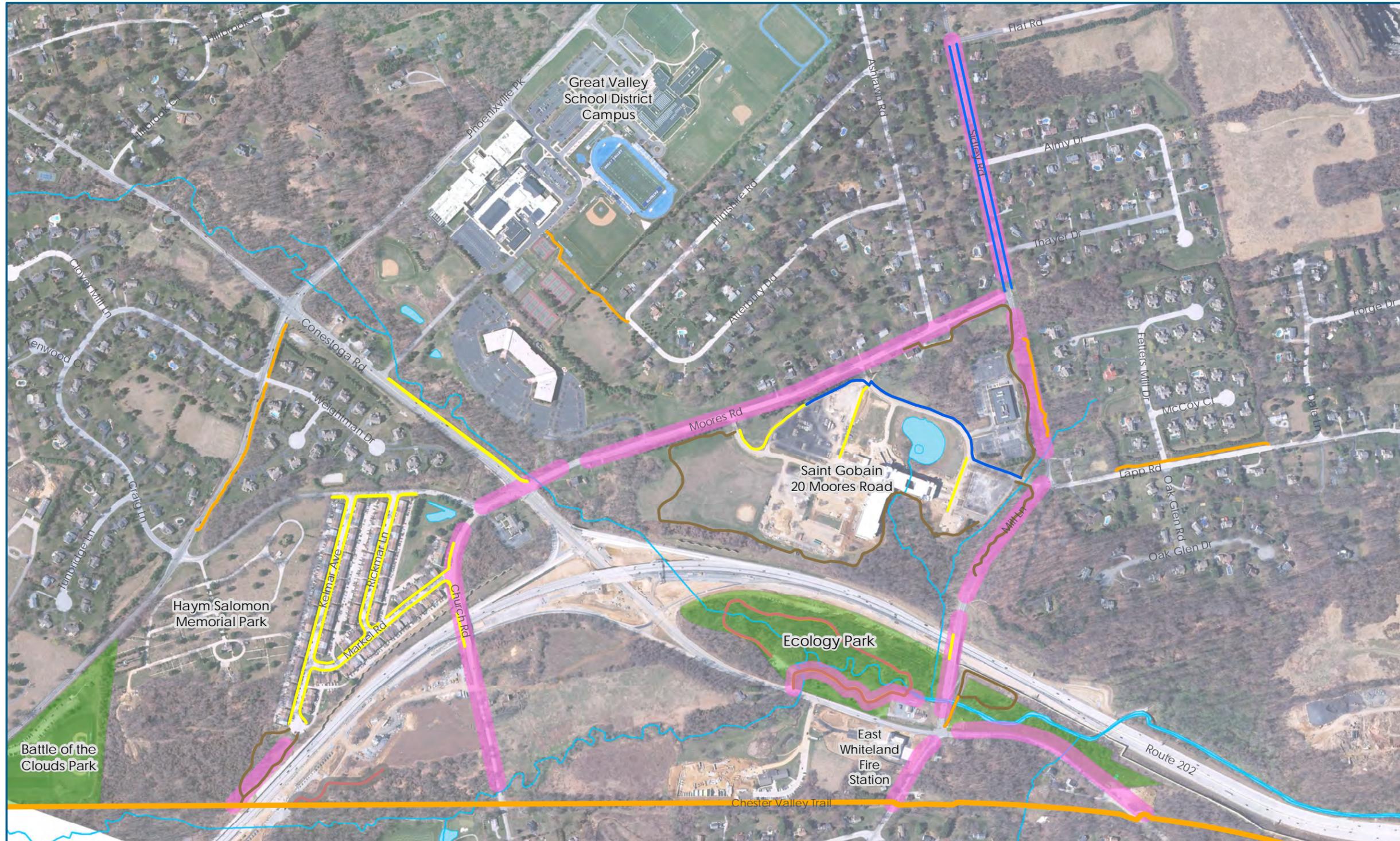


TRAIL ALIGNMENT EVALUATION - SIDLEY ROAD TO CVT

EXISTING FEATURES



Legend

Facility Type

Existing	Proposed	
		Trail - Natural
		Trail - Stone
		Trail - Asphalt
		Sidewalk
		Shoulder
		Key Crossing
		Municipal Park

Sidley Road to CVT Connection

Segments Evaluated

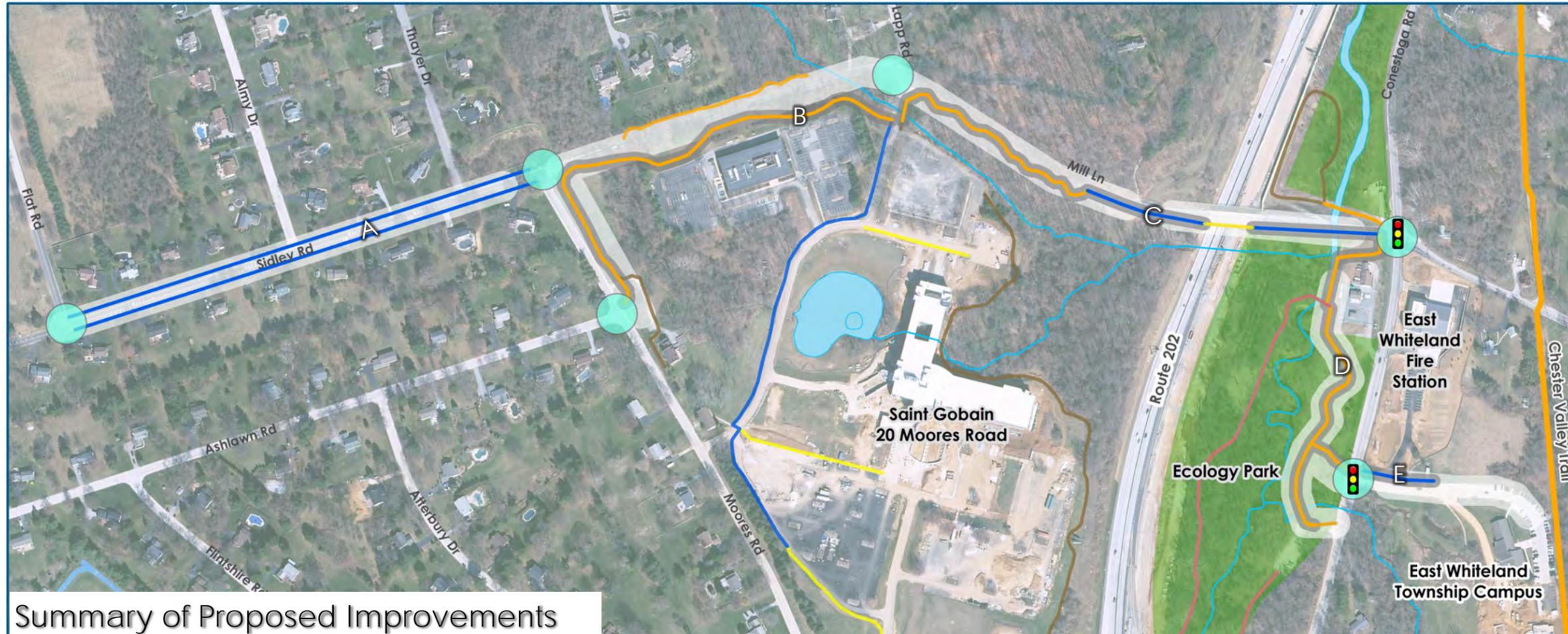


Sources:
Existing Trails, Sidewalks,
Parks - Chesco GIS



TRAIL ALIGNMENT EVALUATION - SIDLEY ROAD TO CVT

PREFERRED ALIGNMENT AND PROPOSED IMPROVEMENTS



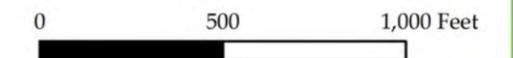
Legend

Facility Type

Existing	Proposed	
		Trail - Natural
		Trail - Stone
		Trail - Asphalt
		Sidewalk
		Shoulder
		Key Crossing
		Municipal Park

Summary of Proposed Improvements

A Sidley Road	B Saint Gobain	C Mill Lane	D Ecology Park	E Township Campus
<ul style="list-style-type: none"> Utilize existing 4' shoulders on both sides of Sidley Road between Flat Road and Moores Road. Stripe high visibility crosswalks at key crossings. Consider providing additional "Share the Road" signage. 	<ul style="list-style-type: none"> Pave and widen existing perimeter mulch paths along the west side of Mill Lane and south side of Moores Road (to Ashlawn Road) to provide a continuous 8' wide asphalt trail. Stripe high visibility crosswalks and provide appropriate signage at key crossings. Evaluate the need for additional improvements at the Lapp Road intersection. 	<ul style="list-style-type: none"> Utilize and widen the existing shoulder to provide a consistent 5' paved shoulder along the west side of Mill Lane. Consider striping a 2' wide buffer between the travel lane and shoulder. This may involve restriping the roadway and relocating guiderail to provide a wider shoulder on the west side, including in the area of the existing culvert over Valley Creek. Utilize the existing sidewalk on the Mill Lane Bridge over US 202. 	<ul style="list-style-type: none"> Pave and widen segments of the existing stone trail in the park and create new trail connections to provide a continuous 8' wide asphalt trail between Mill Lane and Conestoga Road and the existing parking area for Ecology Park. Provide crosswalks and pedestrian signals at key signalized crossings. 	<ul style="list-style-type: none"> Provide a 5' striped shoulder on the east side of the Township Campus driveway between Conestoga Road and the existing parking area for the Chester Valley Trail and Township Building. This may involve restriping at the Conestoga Road intersection.



Sources:
Existing Trails, Parks
- Chesco GIS



TRAIL ALIGNMENT EVALUATION - SIDLEY ROAD TO CVT

REVISED PREFERRED ALIGNMENT AND PROPOSED IMPROVEMENTS



Legend

Facility Type

Existing	Proposed	
		Trail - Natural
		Trail - Stone
		Trail - Asphalt
		Sidewalk
		Shoulder
		Key Crossing
		Municipal Park

0 400 800 Feet

Sources:
Existing Trails, Parks
- Chesco GIS

MCMAHON
TRANSPORTATION ENGINEERS & PLANNERS

Summary of Proposed Improvements

A | Sidley Road and Moors Road

- Utilize existing 4' shoulders on both sides of Sidley Road between Flat Road and Moors Road.
- Utilize the existing shoulder on the north side of Moors Road between Sidley Road and Ashlawn Road. Evaluate options for restriping the roadway to provide a wider shoulder.
- Stripe high visibility crosswalks at key crossings.
- Consider providing additional signage and pavement markings to designate the shoulder for use by pedestrians/bicyclists.

B | Mill Lane

- Utilize and widen the existing shoulder to provide a consistent 5' paved shoulder along the west side of Mill Lane. Consider striping a 2' wide buffer between the travel lane and shoulder.
- Consider providing additional signage and pavement markings to designate the shoulder for use by pedestrians/bicyclists.
- Evaluate other traffic calming measures for Mill Lane.

B.1 Moors to Lapp

- Evaluate the need and feasibility of regrading Mill Lane in conjunction with shoulder widening.

B.2 Lapp to US 202

- At the Lapp Road intersection, evaluate potential locations for a crosswalk and other safety improvements.

B.3 Over US 202

- Utilize the existing sidewalk on the Mill Lane Bridge over US 202.
- Evaluate options for restriping the roadway, relocating guiderail, and providing a wider shoulder on the west side.
- Evaluate the need for future improvements to the culvert over Valley Creek to maximize the shoulder width on Mill Lane.

B.4 Conestoga to CVT

- At the Conestoga Road intersection, Install pedestrian countdown signals and high visibility crosswalks.

TRAIL ALIGNMENT EVALUATION - BRYN ERIN

PREFERRED ALIGNMENT AND PROPOSED IMPROVEMENTS

Kelmar Connection

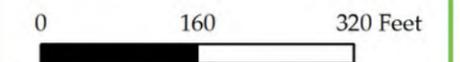
- Widen and pave an existing worn path between the playground at Kelmar Avenue and the Chester Valley Trail. The new trail would provide a continuous 8' asphalt trail connecting the Bryn Erin neighborhood to the Chester Valley Trail.

99 Church Road Connection

- A crushed stone path will be installed by others as part of the 99 Church Road land development plan. The path will connect to an internal sidewalk network within the development, including a pedestrian crossing of Church Road.

Legend

Facility Type		
Existing	Proposed	
		Trail - Natural
		Trail - Stone
		Trail - Asphalt
		Sidewalk
		Shoulder
		Key Crossing
		Municipal Park



Sources:
Existing Trails,
Parks - Chesco GIS

