

East Knoxville Greenway

Knoxville, TN



Greenway Route & Cross Sections

11/09/21

East Knoxville Greenway

Overview

- Extent: Harriet Tubman Park to Knoxville Botanical Gardens
- Project Approved in 2019
- Funding: Federal monies administered via TDOT + 20% local match
- Anticipated Completion: 2024
- Consultants: Barge Design Solutions & Toole Design Group

Timeline

- May: Project Kickoff
- June: Walking Audit & Proposed Design Standards. Potential Alignment & Cross Sections identified.
- July: Stakeholder Meetings & Concept Development Phase
- August: Proposed Schematic Design in Illustrative Format
- Fall 2021: Surveying
- Winter 2021/2022: NEPA Documentation & Right-of-Way Acquisition
- Winter 2022/2023: Design Development (40%, 70%, 90%)





















Design Criteria

- City of Knoxville standards
- TDOT Standards
- Best practices for bikeway, pedestrian, & shared use facilities
- Connections to parks, neighborhood assets, transit



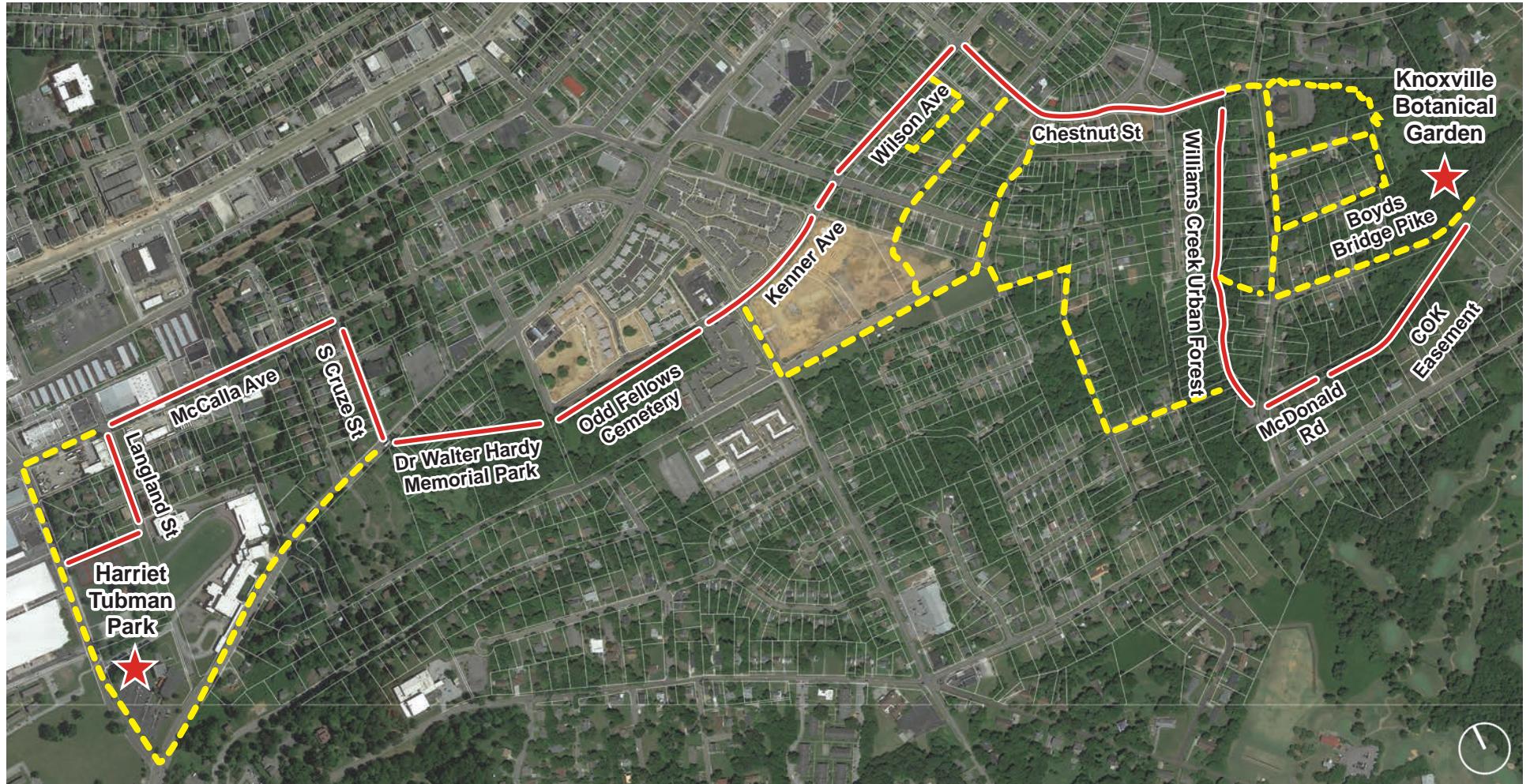
Project Considerations

Evaluation Criteria for Refining Design

Curb Shift	Does the design require curb reconstruction?		
			
Shift curb on left side	Shift curb on right side	Shift both curbs	
Utility Relocation	Does the design require relocating any utility?		
			
Relocation on left side	Relocation on rightside	Relocation on both sides	
ROW Acquisition	Does the design require purchase of right-of-way (ROW) or easement?		
			
Purchase required			
Steep Slope	Does the design likely require switchbacks or a retaining wall?		
			
Switchback required	Wall and/or railing required		
Parking Reduction	Does the design reduce on-street parking?		
			
Parking reduced			
Special Permit	Does the design require specialized permitting (NEPA or otherwise)?		
			
Permit required			
Traffic Calming	Does the design alter the street in a way that provides traffic calming?		
			
Traffic calming benefit			
Tree Impacts	Does the design create a net gain or net loss to tree cover?		
			
Net gain	Net loss		
Vehicle Separation	To what extent does the design separate users from vehicles?		
			
Street-level facility	Sidewalk-level or off-street facility	Trail beyond ROW	
Balances Streets	Does the design reallocate space from vehicles for nonmotorized users?		
			
Substantial rebalance	Slight rebalance	Vehicles stay prioritized	

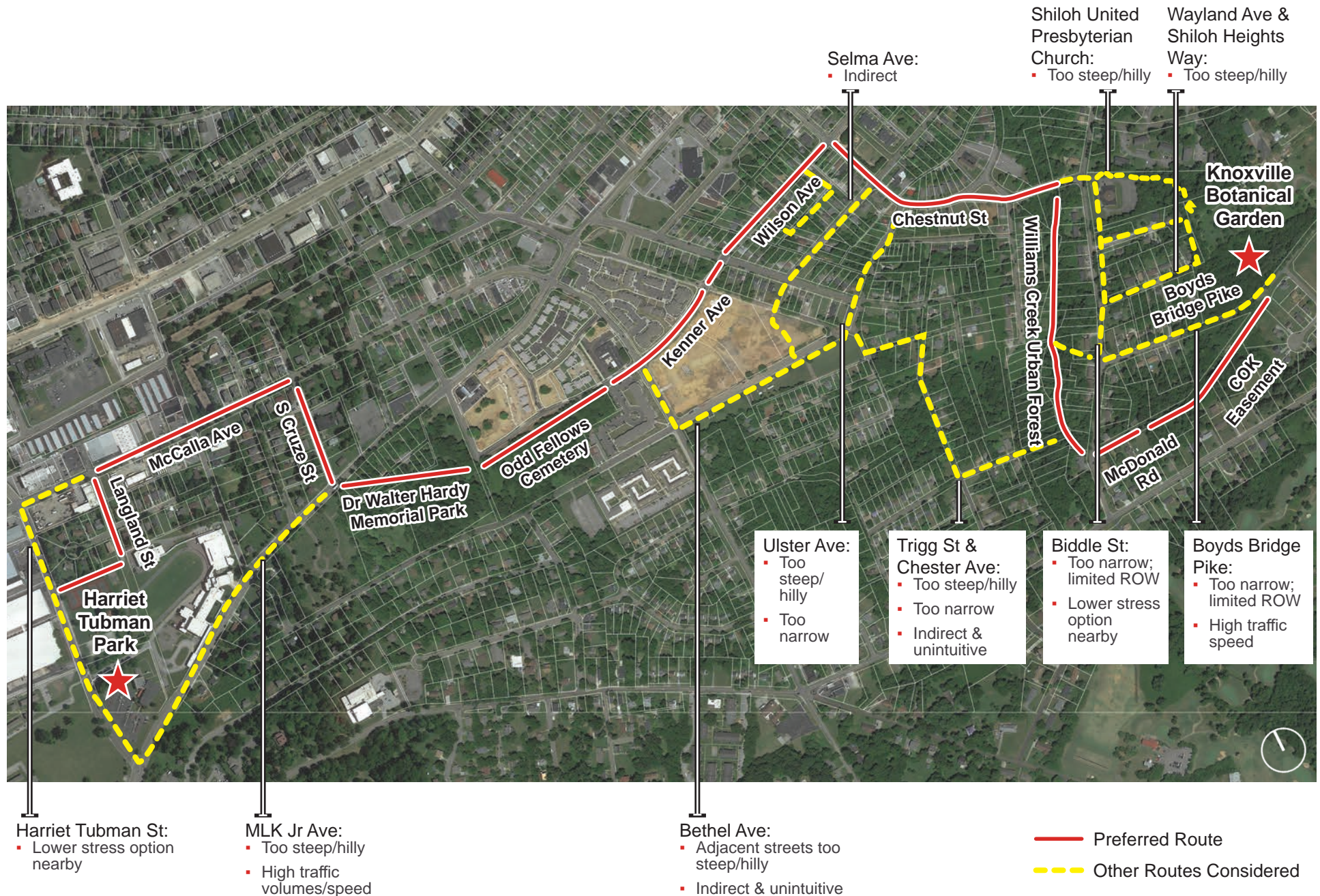


Explored Alignment Options



- Preferred Route
- - - Other Routes Considered

Explored Alignment Options

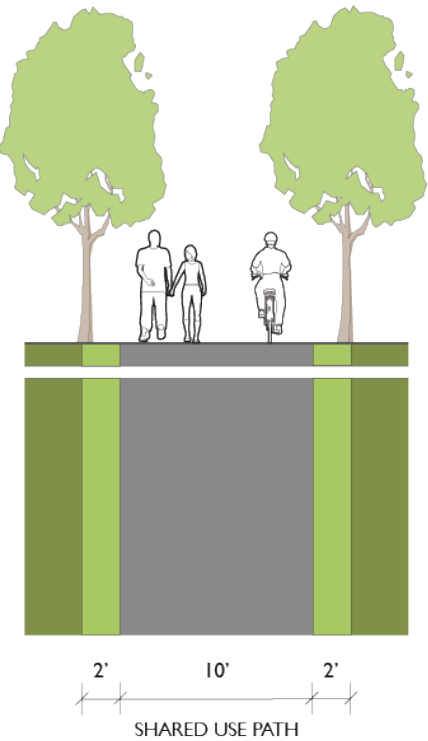


Preferred Alignment



— Preferred Route

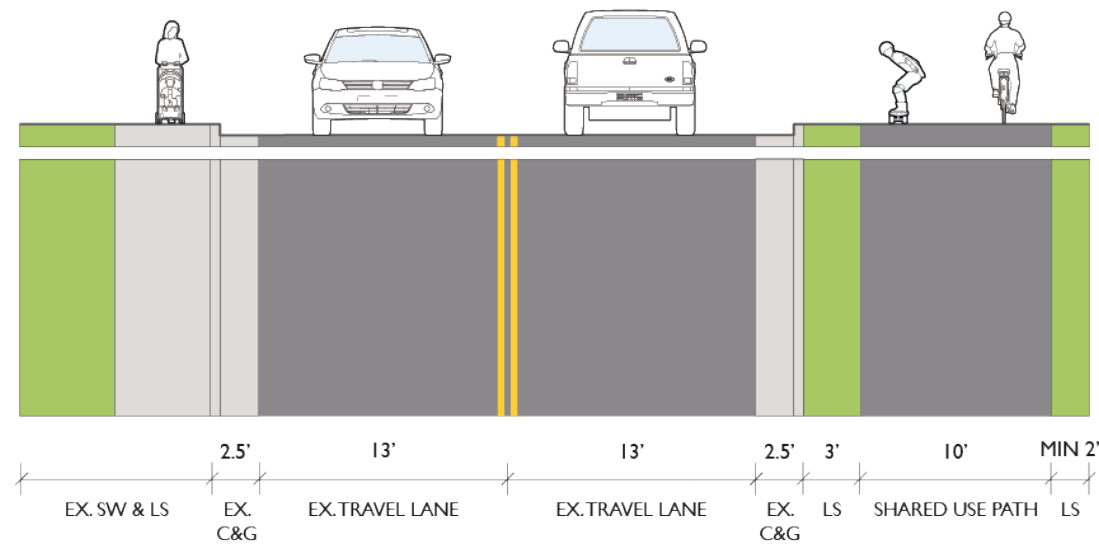
Segment 1: Harriet Tubman Park



INDEPENDENT SHARED USE PATH
HARRIET TUBMAN PARK



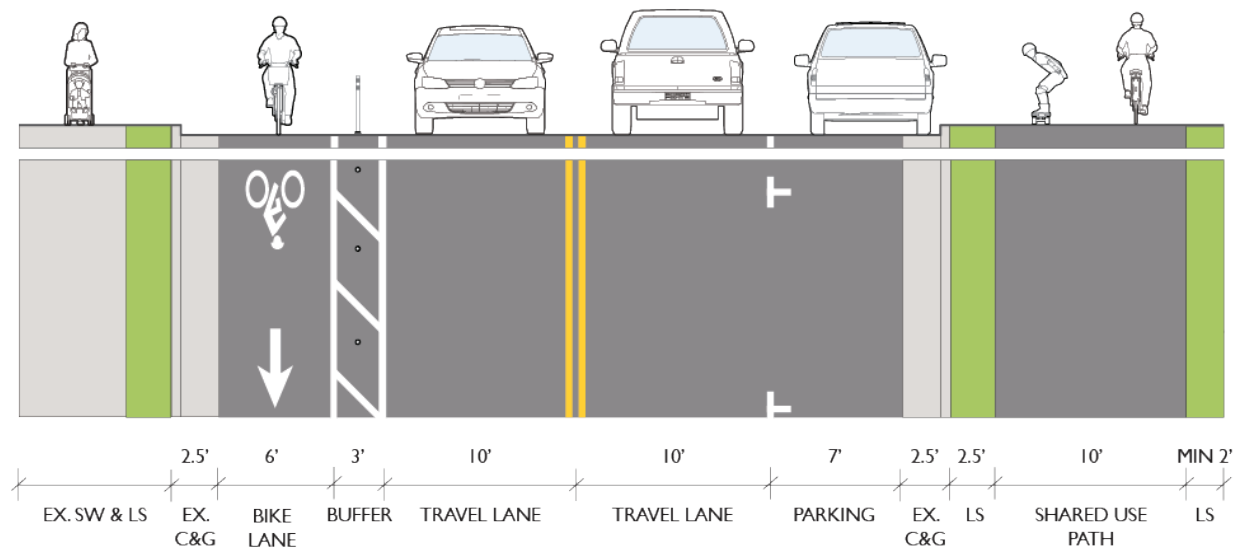
Segment 2: Langland St.



SHARED USE PATH
LANGLAND ST.
VIEW FACING NORTH



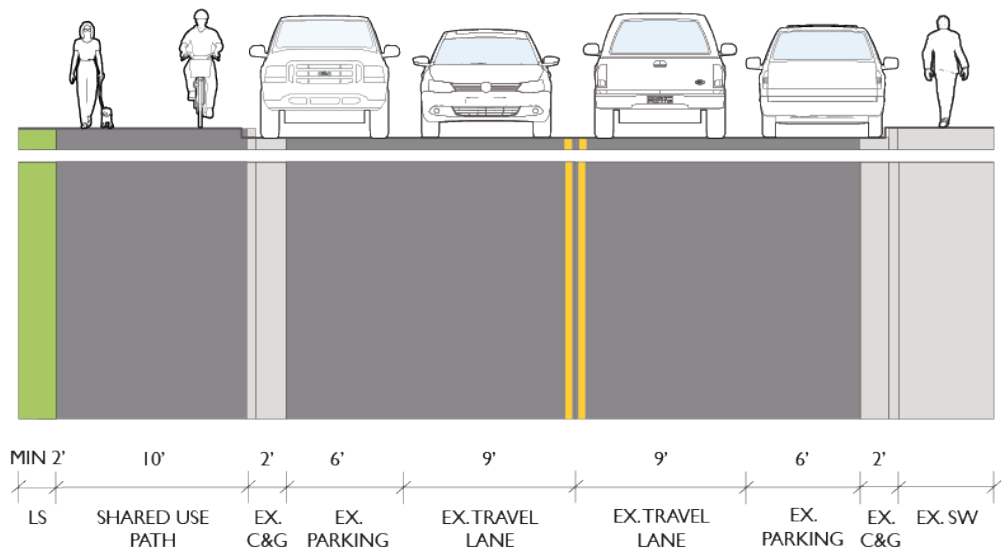
Segment 3: McCalla Ave.



SHARED USE PATH
McCALLA AVE.
VIEW FACING EAST



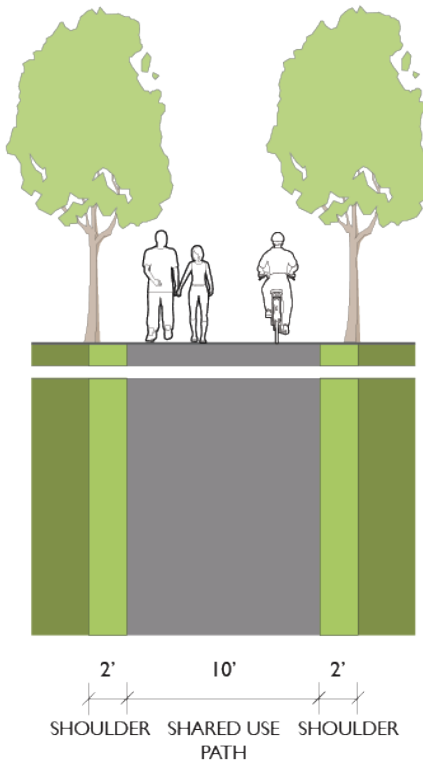
Segment 4: S. Cruze St.



SHARED USE PATH
S. CRUZE ST.
VIEW FACING SOUTH



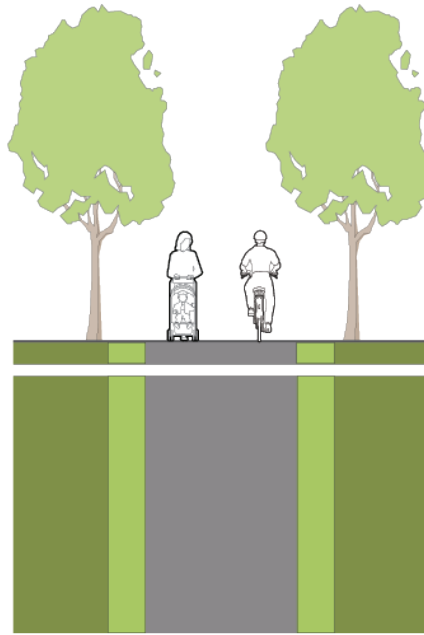
Segment 5: Dr. Walter Hardy Memorial Park



INDEPENDENT SHARED USE PATH
DR. WALTER HARDY MEMORIAL PARK
VIEW FACING EAST

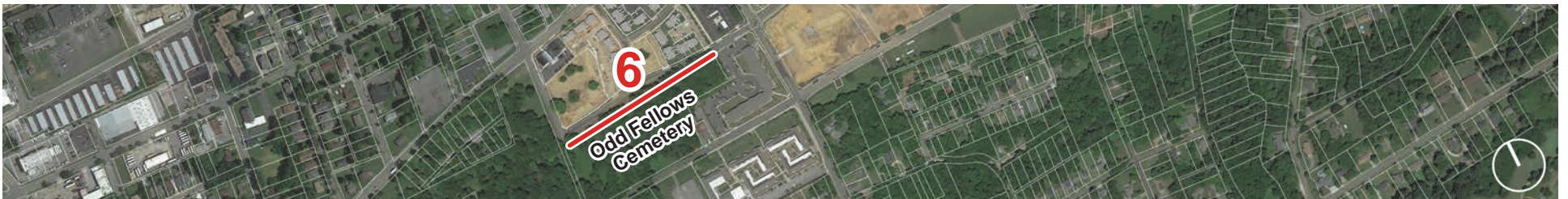


Segment 6: Odd Fellows Cemetery

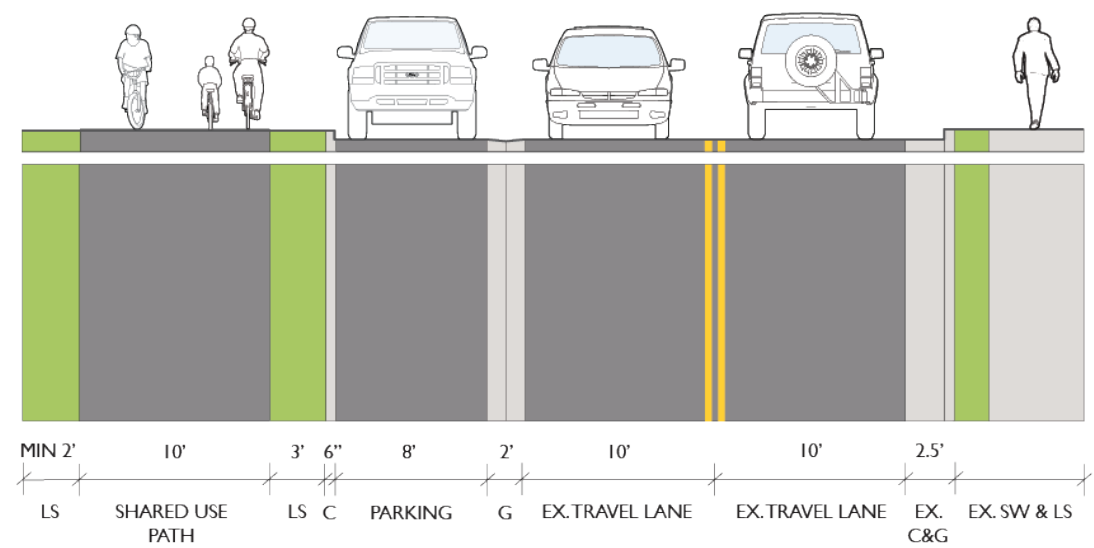


2' 8' 2'
SHARED USE
PATH

INDEPENDENT SHARED USE PATH
ODD FELLOWS CEMETERY



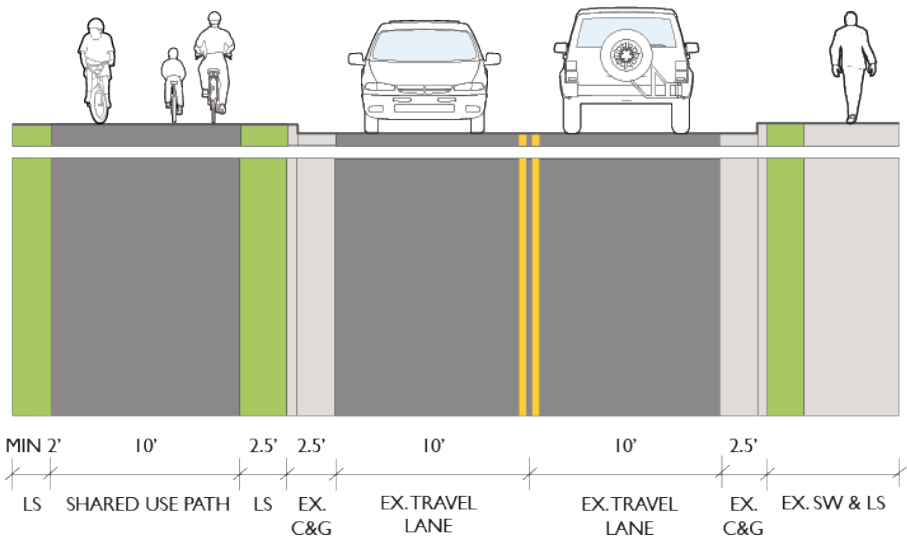
Segment 7: Kenner Ave.



SHARED USE PATH
KENNER AVE. FROM McCONNELL ST. TO OLIVE ST.
VIEW FACING EAST



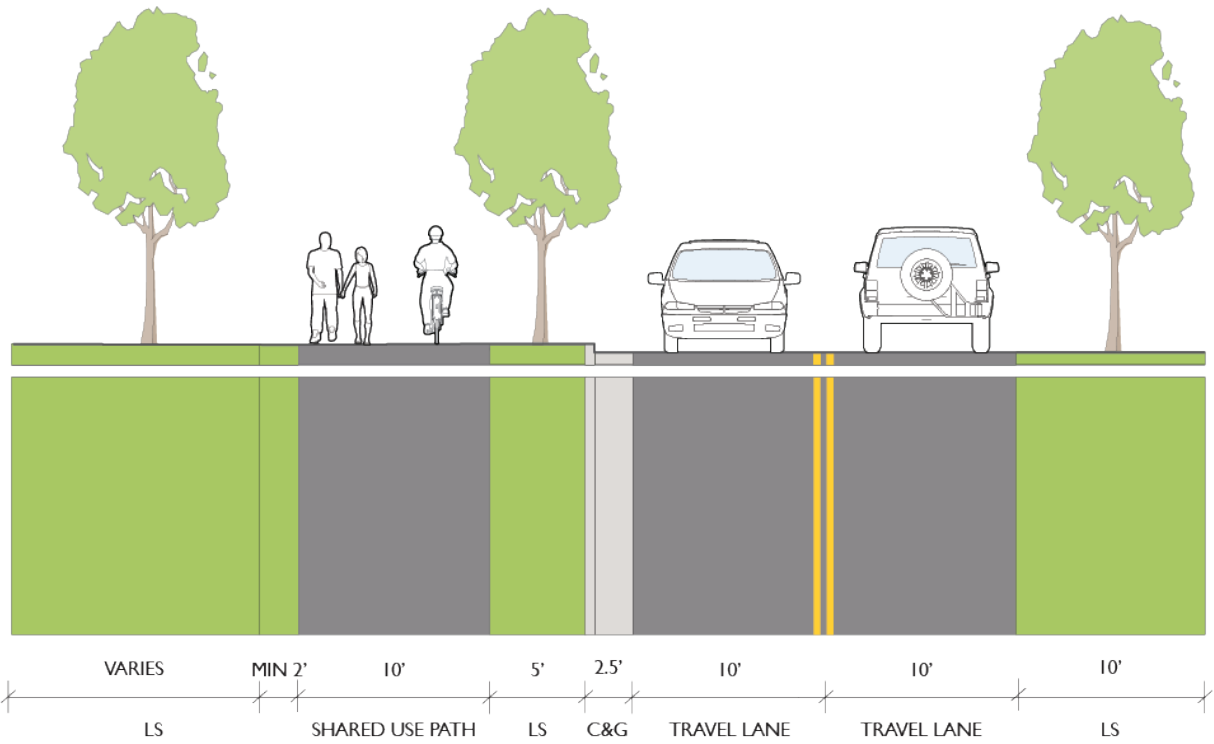
Segment 8: Kenner Ave.



SHARED USE PATH
KENNER AVE. FROM S. OLIVE ST. TO BEN HUR AVE.
VIEW FACING EAST



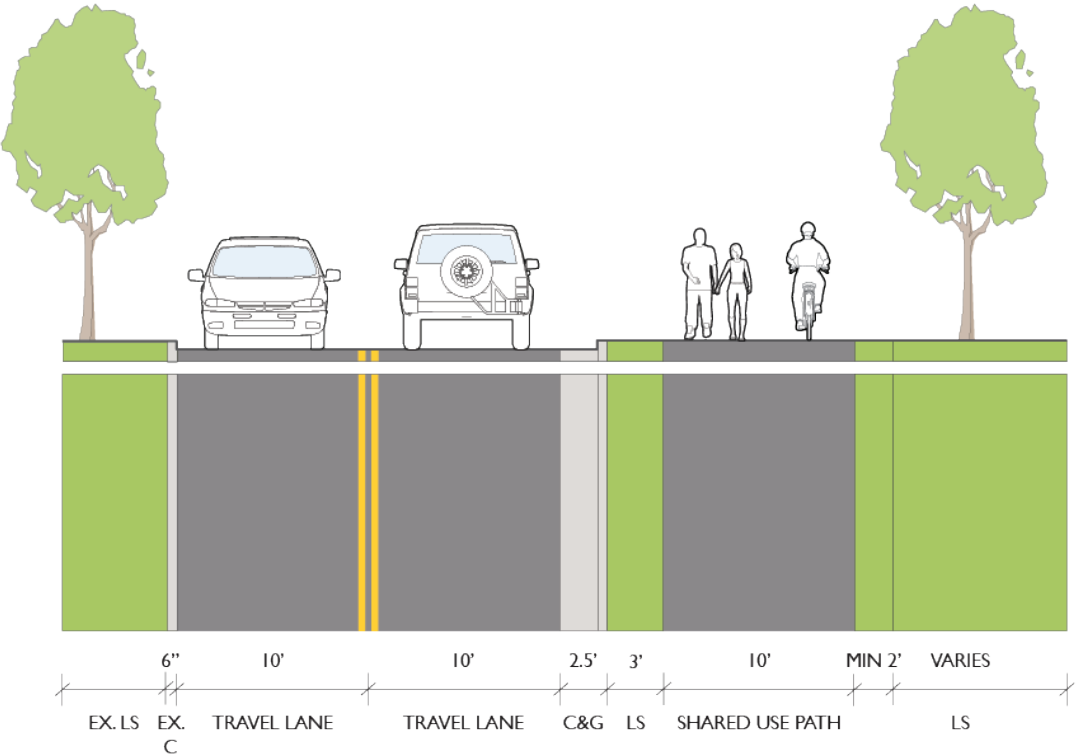
Segment 9: Wilson Ave.



SHARED USE PATH
WILSON AVE.
VIEW FACING EAST



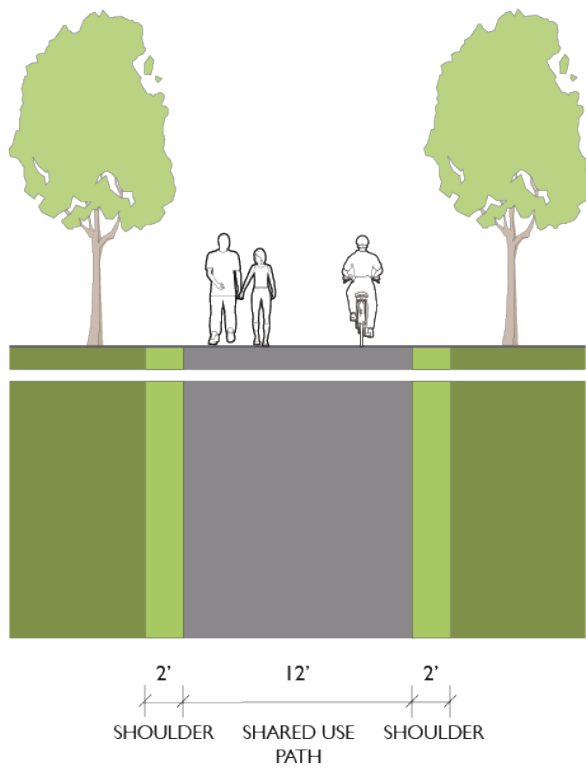
Segment 10: Chestnut St.



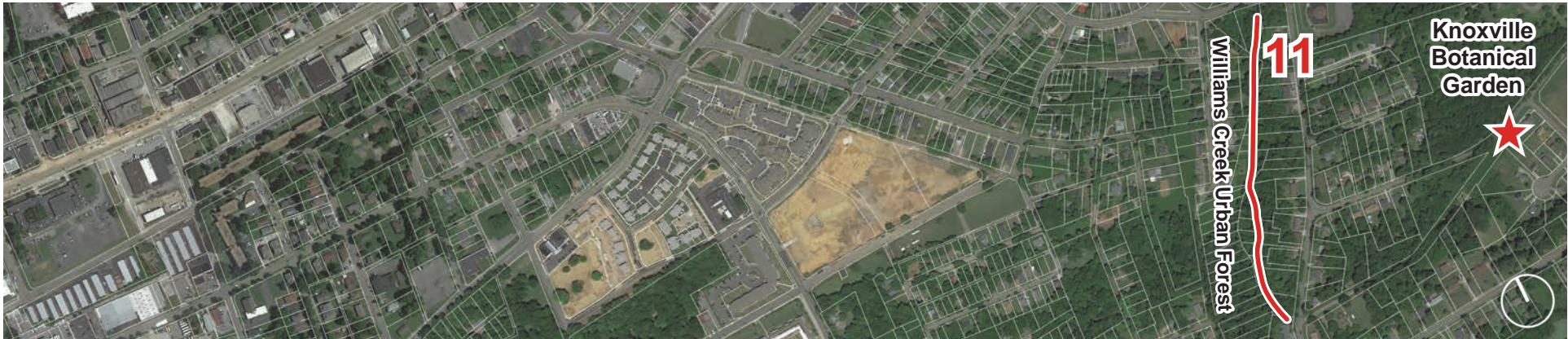
SHARED USE PATH
CHESTNUT ST.
VIEW FACING SOUTH



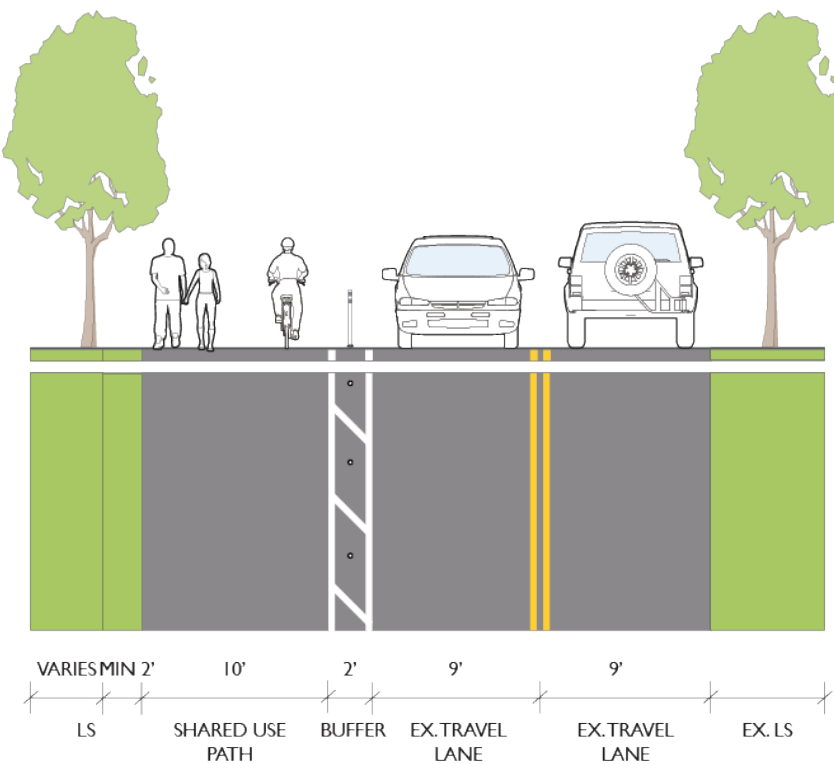
Segment 11: Williams Creek Urban Forest



INDEPENDENT SHARED USE PATH
WILLIAMS CREEK URBAN FOREST
VIEW FACING SOUTH



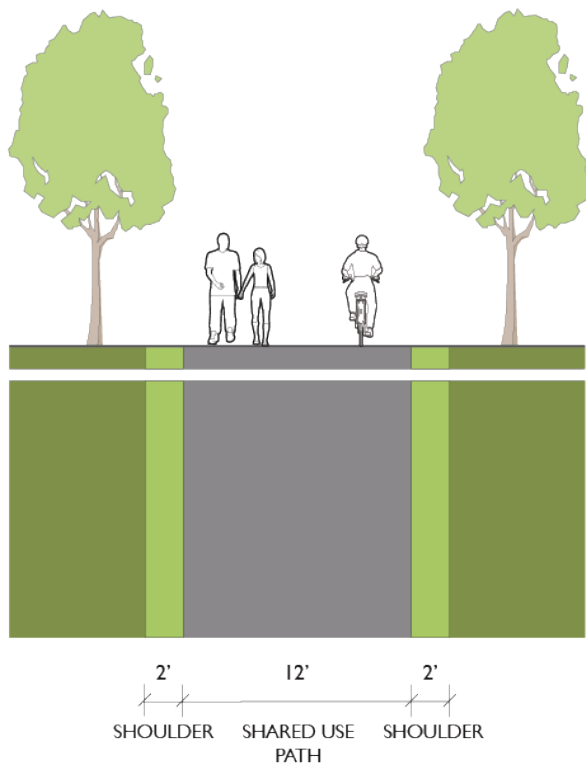
Segment 12: McDonald Rd.



SHARED USE PATH
McDONALD RD.
VIEW FACING EAST



Segment 13: City of Knoxville (COK) Easement



SHARED USE PATH
COK EASEMENT
VIEW FACING EAST



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Next Steps

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For additional information, please contact:

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