

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: PUBLIC HEARING

Meeting Date: March 24, 2026

Item Details

Presenter(s): Jenna Shouse, Senior Planner - Long Range

Russell Dalton, Traffic Engineering Manager

Department(s): Planning

Transportation and Infrastructure Development

Requested Motion

- A. Possible motion to approve the Draft Feasibility Study for BO-2416 Tingen Road Bicycle and Pedestrian Crossing.
- B. Possible motion to approve advancement of the Tingen Road Bicycle and Pedestrian Crossing through Right-of-Way Plans which requires additional local funds of approximately \$300,000 in the 5-Year Capital Improvement Program for Fiscal Year 2027.

Approval Recommended?

Transportation and Infrastructure Development staff; Planning staff; and Parks, Recreation, and Cultural Resources Department staff recommend approval of this item.

At their March 9, 2026, meeting, the Planning Board voted 7-2 to recommend approval of the requested motion.

Item Details

The purpose of project BO-2416 Tingen Road Bicycle and Pedestrian Crossing is to provide a grade-separated crossing of the S-Line CSX railroad tracks adjacent to Tingen Road given that Tingen Road will be closed to traffic at the railroad tracks once the Apex Peakway Southwest Connector project is complete, per an agreement with CSX.

A feasibility study was completed for this project to study the opportunity to maintain connectivity for cyclists and pedestrians to cross the railroad tracks at or near the existing Tingen Road crossing.

At their August 12, 2025, meeting, Town Council selected the tunnel as the preferred crossing alternative. Staff recommended the tunnel alternative as it received the most public support, has the lowest anticipated cost, provides the shortest crossing distance, and has the lowest potential impact to existing water lines and

utilities. This project also includes changes to the intersections of S Salem Street and Tingen Road/Justice Heights Street for improved pedestrian access as well as new path connections required to access the tunnel. The draft feasibility study and appendices are available on the project website under the "Get Involved" tab at: www.apexnc.org/tingen.

Town Council requested that staff complete the feasibility study and then request direction from Town Council on whether to move forward with further design as the feasibility study would include a functional design and cost estimates.

A breakdown of the cost estimate to complete Right-of-Way Plans is below.

Cost Estimate for Preliminary Engineering through Right-of-Way Plans

Allocated Funds & CIP Requests

Funding Source	Allocated & Requested Funds
Federal Funding Agreement (PE & ROW)	
Federal Funding Allocated ("Earmark")	\$550,000
Local Funding Allocated	\$137,500
Total Federal Funding Agreement	\$687,500
Additional Local Funding Request	
Preliminary Engineering Funds Requested in FY27 CIP	\$292,500
Total Available and Requested Funding	\$980,000

Incurred Costs & Future Estimates

Item	Cost
Feasibility Study	\$180,000
CSX PE Agreement Estimate*	\$100,000
NCDOT Internal Review*	\$100,000
Preliminary Design through ROW Plans*	\$600,000
Total PE through ROW Plans	\$980,000

*Task has not been scoped

Based on current information, available funds combined with the FY27 CIP request is anticipated to fund the project through Right-of-Way Plans. Federal funding agreement for PE & ROW expires 4/8/29 (5 years from date of authorization of Federal funds).

Attachments

- PH5-A1: Draft Feasibility Study Report - Feasibility Study for BO-2416
- PH5-A2: Draft Feasibility Study Appendices - Feasibility Study for BO-2416
- PH5-A3: Planning Board Report to Town Council - Feasibility Study for BO-2416
- PH5-A4: Planning Board Report to Town Council - Dissenting Member Comments - Tim Royal - Feasibility Study for BO-2416
- PH5-A5: Planning Board Report to Town Council - Dissenting Member Comments - Kristy Yule - Feasibility Study for BO-2416

