

4.3.4.3 Bourne North Quadrant

A 20-foot-wide shared-use facility would be provided on the approach spans and off-structure along the southbound side of State Route 28 over Bourne Bridge and would continue along the eastbound off-ramp toward Belmont Circle. Once off-structure, the shared-use facility would transition to a 12-foot-wide SUP that would connect Belmont Circle to U.S. Route 6 (Scenic Highway). The SUP would connect to the 12.5-foot-wide SUP constructed along the south side of Scenic Highway from Nightingale Road to Edgehill Road as part of MassDOT Project No. 606082. A SUP connection from U.S. Route 6 to the shared-use Canal Service Road would also be provided to connect the town center of Bourne to the campground and the existing recreational facilities along the canal. A sidewalk and bicycle ramps to shoulder bicycle lanes are proposed connections to the existing facilities on Nightingale Road. [Figure 4.3-17](#) depicts the conceptual layout of proposed SUPs and sidewalks in the Bourne North quadrant.²⁵

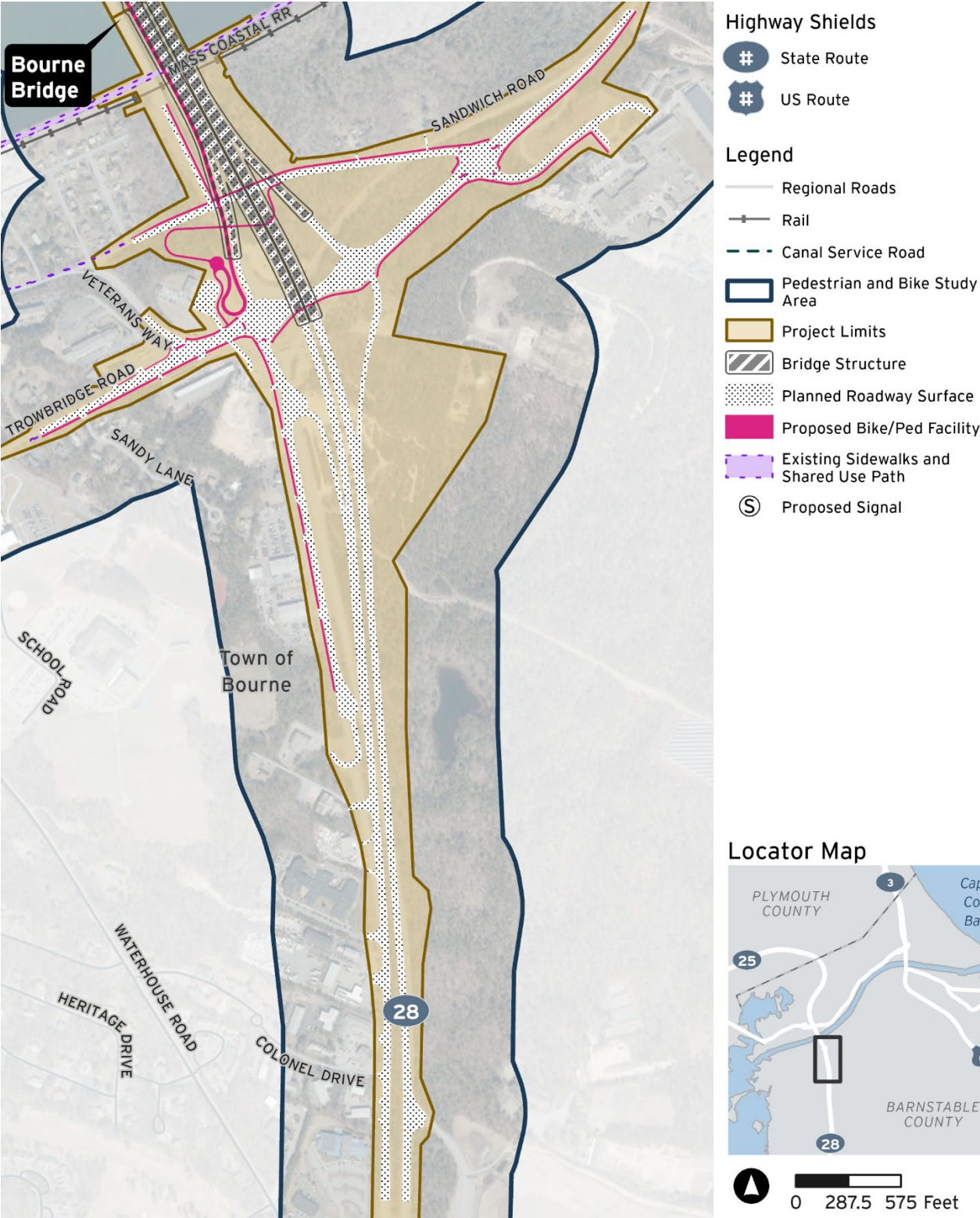
4.3.4.4 Bourne South Quadrant

A 20-foot-wide shared-use facility would be provided along the southbound side of State Route 28 over Bourne Bridge and would continue along the southbound off-ramp toward the District 7 State Police barracks. At this transition from on-structure to off-structure, a mixing zone with wayfinding signs and landscape features would be provided. The shared-use facility would transition to a 12-foot-wide SUP at the mixing zone and would provide desired connections to the Canal Service Road at the northern end of the Project Limits, the Upper Cape Vocational School, and the Gallo Ice Arena at the eastern end of the Project Limits, and Sandy Lane at the western end of the Project Limits. There is a rail crossing at the connection to the Canal Service Road and the existing SUP facilities along the canal. The rail crossing would be signalized with warning beacons. With the proposed design, residents within the Bourne South quadrant would have safe, comfortable, and separated facilities to access the local schools, bus depot, businesses, and recreational facilities. [Figure 4.3-18](#) depicts the conceptual layout of the proposed shared-use facilities and sidewalks in the Bourne South quadrant.²⁶

²⁵ This shared-use path configuration is based on a preliminary design as of August 2024. Any subsequent updates will be included in the Final Environmental Impact Statement.

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Figure 4.3-18. Pedestrian and Bicyclist Facilities (Bourne South Quadrant)



Source: Massachusetts Department of Transportation, 2024