

FEBRUARY 2015 CTB MEETING

G15

0081-034-127, P101, R201, C501, D601, D602

Frederick County

This project is located on I-81 at Exit 310 just south of the Winchester City limits at the (current) southern terminus of Route 37. Route 11 parallels I-81 approximately 1,300' to the west. It is Phase I of a three phase ultimate plan. The interchange is heavily used residents of Stephens City to access downtown businesses of Winchester via I-81 from the east, or growth areas (including Winchester Medical Center) via Route 37 to the west. The existing I-81/Route 37 system interchange is flanked by the Route 37/US11 interchange and at-grade Routes 37/642/847 intersection 1,000' and 200', respectively, from the signal-controlled ramp termini. The close proximity to adjacent intersections and lack of turning-queue storage has overwhelmed the interchange, with off-ramp queues reaching back to the mainline with increasing frequency. Nearby development will exacerbate these concerns in the future.

Phase I will widen the termini of the I-81 ramps from approximately 450' to over 1,200' to allow for greater left-turn storage along Route 37. The spread diamond will require relocating the adjacent Routes 642 and 847 to the east, grade separation of the SR37/642/847 intersection (with installation of temporary ramps from Rt. 37 to Rt. 642, to be removed when adjacent land develops) and modification to the Rt. 37 ramps to Route 11 to the west. Acceleration and deceleration ramps will be lengthened to meet standards. This project obtains the ultimate right-of-way needed for Phase II and Phase III during the Phase I acquisition.

Fixed Completion May 14, 2018

DESIGN BUILD PROJECT

0029-002-091; 0029-002-135; 999-002-900

Albemarle County

This project is located along a segment of the U.S Route 29 Corridor in Albemarle County near Charlottesville. The Project will improve capacity, operations, and safety and is comprised of three elements described below.

1. Route 29 and Rio Road Grade Separated Intersection

This element will construct a grade separated intersection at the existing intersection of route 29 and Rio Road (Route 631) ultimately carrying Route 29 through traffic under Rio Road. The Project length is approximately 1.0 mile and extends from Dominion Drive to Woodbrook Drive.

2. Route 29 Widening

This element will include widening and improvements to Route 29 to complete the six lane roadway section from the Polo Grounds Road to Towncenter Drive. The existing roadway will require upgrading to current geometric standards. The Project length is approximately 1.8 miles.

3. Berkmar Drive Extension

This element will include construction of an extension to the existing Berkmar Drive on a new alignment located parallel to Route 29 and includes construction of a new bridge spanning the South Fork of the Rivanna River. The Project extends between Hilton Heights Road and Towncenter Drive for an approximate length of 2.3 miles.

Fixed Completion October 30, 2017

This project involves the widening of 5.6 miles of Interstate 64 from approximately 0.5 miles east of Route 238 (Yorktown Road) to approximately 1.55 miles west of Route 143 (Jefferson Avenue). This 4-lane section of I-64 will be widened to a 6-lane section. The widening will occur in the median of the existing interstate and includes the addition of one 12-foot-wide travel lane and one 12-foot-wide shoulder in each direction. Existing bridges within the corridor will be widened to the inside to accommodate the additional travel lane and shoulder. The project will also include rehabilitation and overlay of the existing interstate pavement and extension of the acceleration and deceleration lanes for the ramps at the Fort Eustis Boulevard Interchange.

The anticipated scope of work to be undertaken by the Design-Builder for the Project includes, but is not limited to, the following:

1. Design and widening of Interstate 64 from a two-lane Urban Principal Arterial – Freeway to a three-lane Urban Principal Arterial – Freeway with median and shoulders. This includes outside shoulder strengthening, stormwater management facilities, drainage structures, sound barrier walls, traffic signals, ITS appurtenances, fencing, guardrails, and utilities in accordance with RFP.
2. Design, repair, and widening of six existing bridges carrying eastbound and westbound I-64 over the Lee Hall Reservoir, Fort Eustis Boulevard, and Industrial Park Drive and CSX Transportation (CSXT), including substructure and superstructure elements to accommodate one additional travel lane and shoulder in each direction.
3. Repair of existing distressed pavement and overlay of new and existing roadway and shoulders with $\frac{3}{4}$ " Thin Hot Mix Asphalt Concrete Overlay (THMACO).
4. Provide a two inch asphalt surface coarse overlay of the existing and proposed lanes, shoulders, and acceleration and deceleration lanes for the ramps at the Fort Eustis Boulevard Interchange to match the elevation of the overlaid existing lanes.
5. Extending the acceleration and deceleration lanes on for the ramps at the Fort Eustis Boulevard Interchange.
6. Acquisition of right-of-way and obtaining all necessary environmental permitting. The right-of-way limits are shown on the RFP Conceptual Plans.
7. All work related to CSXT railroad including coordination, installation and removal of temporary construction access, and development of a Project work-plan and schedule that incorporates CSXT's availability and schedule requirements.

Fixed completion: December 01, 2017