

**Short/Mid/Long Term Implementation Package of Phase III CIRC Alternative Projects
for FY15 Capital Program
Total Program - \$74,038,000*
11/21/13**

Williston Projects

I-89 Exit 12 Interchange Stage I-IV Improvements

- ▶ **Expected Benefits** – The Exit 12 Project will address existing and projected traffic congestion in the study area (see map below); enhance safety for all users; improve bike-pedestrian connections from areas south of the interchange to the existing network north of the interchange; and advance economic growth in the area.
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/scoping/exit12/>

Stage 1: New Shared Use Path under Interstate & New VT2A Lane from Marshall Ave to I-89 NB Ramp

- ▶ **Project Description** - New Shared Use Path on south side of VT2A from the VT State Police Barracks to Hurricane Lane and new Lane from Marshall Ave. to the I-89 NB on ramp to provide direct ramp access.
- ▶ **Estimated Project Cost** - \$2,000,000

Stage 2: New Grid Streets and At Grade Intersection on VT2A between I-89 & Marshall Ave

- ▶ **Project Description** - New at grade intersection on VT2A adjacent to VT State Police Barracks, new street connection from the intersection to Maple Tree Place (behind Police Barracks) and replacement of roundabout at Maple Tree Place, new street connection from intersection to Harvest Lane (near Home Depot entrance), single lane roundabouts connecting new street to Harvest Lane at Trader Lane and Harvest Lane, sidewalk facilities throughout area of improvement.
- ▶ **Estimated Project Cost** - \$8,500,000

Stage 3: Diverging Diamond Interchange Improvements

- ▶ **Project Description** - New (lengthened) I89 Interstate Bridges, Diverging Diamond Interchange configuration under the bridges, additional right turn lane at exit ramp heading south onto VT2A, shared use path for cyclists and pedestrians on both sides of VT2A through the interchange area
- ▶ **Estimated Project Cost** - \$21,000,000

Stage 4: VT 2A Boulevard Upgrade from Grid St Intersection to Taft Corners

- ▶ **Project Description** - VT2A Boulevard cross section from new intersection at the Police Barracks to Taft Corners including two 11' lanes in each direction, 4' bike lane in each direction, 10' sidewalks on each side of the street, raised landscaped median, street trees and lighting.
- ▶ **Estimated Project Cost** - \$10,000,000

Industrial Ave/Mountain View Rd/VT 2A - Intersection Improvements; New VT 2A Lane to James Brown Dr

- ▶ **Project Description** - Intersection upgrade to add a left turn lane from Industrial Ave. to VT2A, add a northbound through lane on western leg of intersection, add a westbound left turn lane on Mountain View Rd., widen the three lanes on the eastern intersection approach and improve pedestrian safety throughout the intersection area. Expand VT2A from the Industrial Avenue intersection to River Cove Rd. to a 3 lane roadway alignment with a two-way left turn center lane, add pedestrian crossing to access south side of VT2A.
- ▶ **Expected Benefits** – Congestion reduction at the intersection, reduced delay and improved access along VT2A, pedestrian safety improvements crossing VT2A.
- ▶ **Estimated Project Cost** - \$5,300,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/scoping/vt-2a-scoping-study/>

New US 2 Taft Corners to Williston Village Shared Use Pathway – North side Alignment, Crossing, Village Sidewalk

- ▶ **Project Description** – New shared use path along the north side of US2 from Taft Corners to Williston Village, new pedestrian crossing at the South Ridge intersection connecting to a new sidewalk to Timothy Way on the south side of US2, two new CCTA bus stops near South Ridge entrance (one on each side), removal of the truck climbing lane on US2 east of South Ridge, rehabilitation of the existing sidewalks along US2 in Williston Village.
- ▶ **Expected Benefits** – Improved bicycle and pedestrian access between the Taft Corners area and Williston Village, enhanced transit access and improved safety.
- ▶ **Estimated Project Cost** - \$2,800,000
- ▶ **Weblink to Study** - http://www.ccrpcvt.org/circ/meetings/20131017_Williston_AlternativesPresentationMeeting.pdf

New Mountain View Road and Redmond Rd Ext to IBM Access Rd Shared Shoulder

- ▶ **Project Description** – Expanded roadway from 26’ to 30’ on Mountain View Road to allow for on road 4’ shared shoulders on both sides of the roadway and addition of 4’ shoulders to Redmond Road.
- ▶ **Expected Benefits** – Improved bicycle and pedestrian access and safety along Mountain View Rd. and Redmond Rd.
- ▶ **Estimated Project Cost** – \$3,500,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/scoping/williston-bike-ped-studies/>

New Harvest Lane Taft Corners Sidewalk, VT2A Taft Corners Area Sidewalks/Shared Use Path, VT2A North Gap Path, VT2A South Gap Sidewalk/Path

- ▶ **Project Description** – Complete 1,600’ of sidewalk along the south side of Harvest Ln. to create full connectivity between US2 and Marshall Ave., complete 300’ of pathway on the west side of VT2A near Taft Corners and 400’ of sidewalk on the east side to complete connections between Taft Corners and Wright Ave, complete multiuse path on the west side of VT2A from Knight Ln. to O’Brien Ct. to complete existing gap in pathway and stripe the road for 4’ shldr. s.
- ▶ **Expected Benefits** – Improved bicycle and pedestrian access and safety in the Taft Corners Growth Center.
- ▶ **Estimated Project Cost** – \$450,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/scoping/williston-bike-ped-studies/>

Essex Projects

VT117/North Williston Road Intersection Improvements

- ▶ **Project Description** – Add westbound left turn lane and eastbound right turn lane to VT117 and signalize the intersection of VT117 and North Williston Road.
- ▶ **Expected Benefits** – Safer North Williston Road access, improved intersection level of service and reduced delay.
- ▶ **Estimated Project Cost** – \$1,500,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/scoping/vt117/>

VT117/North Williston Road Hazard Mitigation Improvements - 6’ Box Culvert, Safety Enhancements & Armoring

- ▶ **Project Description** – Replacement of existing undersized culvert with 6’ box culvert, installation of intelligent signs to allow for instant notification of closures in advance of travelers reaching North Williston Road, installation of a stream gage at the North Williston Road bridge over the Winooski River to allow for real time tracking of river level rise, installation of durable gates at either side of the area of flood impact over North Williston Road to prevent access during flooding, armoring of the road bank along North Williston Road to prevent further erosion of the roadbed, improved access to adjacent agricultural land.
- ▶ **Expected Benefits** – reduced duration of North Williston Road closures, increased safety and awareness for the traveling public, reduced recovery costs due to improved bank treatment, quicker reopening of roadway post flooding.
- ▶ **Estimated Project Cost** – \$400,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/scoping/vt117/>

New VT15 Old Stage Road to Essex Way Shared Use Path

- ▶ **Project Description** – New 5’ sidewalk to connect the existing sidewalk on Old Stage Road to the existing sidewalk on VT15 across from Essex Way.
- ▶ **Expected Benefits** – Increased pedestrian accessibility and safety.
- ▶ **Estimated Project Cost** – \$160,000

VT15/Susie Wilson Rd/Kellogg Rd Corridor & Intersections Improvements

- ▶ **Project Description** – Improvements at Susie Wilson/Kellogg Road to include adaptive signal control, safety improvements, dual northbound left turn lanes and dual northbound through lanes. Improvements at VT15/Susie Wilson Road to include adaptive signal control, additional southbound left turn lane, landscaped median. Susie Wilson Road corridor improvements to include partial widening and striping for bike shoulders and adaptive signal control.
- ▶ **Expected Benefits** – Improve capacity at the intersections of VT15/Susie Wilson Road and Susie Wilson Road/Kellogg Road, improve safety for bicycle and vehicles throughout the corridor and improve pedestrian safety.
- ▶ **Estimated Project Cost** – \$8,500,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/scoping/cents/>

Colchester Projects

Mill Pond Road/Severance Road Intersection Improvements & New Shared Use Path - South Side Alignment Pond Rd./Severance Rd. Intersection & Severance Road Multi-use Path

- ▶ **Project Description** – New 10’ shared use path on the south side of Severance Road from Severance Corners to the Colchester/Essex Town Line at Kellogg Road. Intersection improvements at Severance Road and Mill Pond Road including the addition of an eastbound left turn pocket and a westbound right turn pocket on Severance Road.
- ▶ **Expected Benefits** – Improved bicycle and pedestrian access and safety along Severance Road and increased safety and reduced Severance Road through traffic delay at the Severance Road and Mill Pond Road intersection.
- ▶ **Estimated Project Cost** – \$2,400,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/scoping/cents/>

VT2A Colchester Village Main Street & Mill Pond Rd/East Rd Intersection Improvements

- ▶ **Project Description** – Intersection improvements at VT2A/Mill Pond Road/East Road intersection include new signal, including vehicle detection, pedestrian signal crossing and detection, intersection widening to accommodate eastbound and westbound turning lanes on the VT2A approaches to the intersection. New 5’ wide sidewalk from the VT2A/Mill Pond Road/East Road intersection to Clausen’s including curbing, drainage, and buffer strip to roadway, reconfiguration of VT2A to allow for 4 foot wide on road bike lanes next to 11’ wide travel lanes, on street parking in front of Colchester Meeting House/Library, traffic calming treatments and “Main Street” style lighting.
- ▶ **Expected Benefits** – Improved vehicle safety and reduced intersection congestion and delay, improved bicycle and pedestrian accessibility and safety along VT2A in historic Colchester Village.
- ▶ **Estimated Project Cost** – \$3,900,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/scoping/cents/>

VT127 Blakely Rd/Laker Ln Intersection Improvement

- ▶ **Project Description** – Widening of Blakely Road to provide a westbound left turn lane and an eastbound right turn lane.
- ▶ **Expected Benefits** – Improved through traffic flow and improved safety.
- ▶ **Estimated Project Cost** – \$360,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/corridors/circ-alternatives-task-force/circ-selected-projects/vt-127-intersections/>

VT127 Prim Rd/West Lakeshore Dr Intersection Improvement

- ▶ **Project Description** – Addition of a signal at the VT127 Prim Road/West Lakeshore Drive intersection, realignment of the intersection to make the Prim Road to West Lake Shore Drive connection the primary direction, improved pedestrian crossing through the intersection.
- ▶ **Expected Benefits** – Reduction of intersection delays, improved access to commercial properties adjacent to the intersection area, improved safety for pedestrians and bicyclists through the intersection.
- ▶ **Estimated Project Cost** – \$1,700,000
- ▶ **Weblink to Study** - <http://www.ccrpcvt.org/transportation/corridors/circ-alternatives-task-force/circ-selected-projects/vt-127-intersections/>

CCTA Commuter Service

New CCTA Commuter Service: Milton/Colchester to Burlington

- ▶ **Project Description** – Commuter bus service along US7 from Milton, through Colchester with stops in Colchester at Creek Farm, Severance Corners, and Water Tower Hill. The service would include two morning trips, one midday trip, two early evening trips and one late evening trip.
- ▶ **Expected Benefits** – Increased commuter mobility options, reduction of the number of vehicles on the roadways.
- ▶ **Estimated Project Cost** – \$68,000

New CCTA Commuter Service: Essex/Williston to Waterbury/Montpelier Commuter Service and Park & Rides

- ▶ **Project Description** – Commuter bus service linkage from Essex/Essex Junction along VT2A to Williston with a stop at the planned Exit 12 Park & Ride traveling on Interstate 89 to Waterbury and Montpelier. The service would include 3 morning round trips and 3 evening round trips.
- ▶ **Expected Benefits** – Increased commuter mobility options, reduction of the number of vehicles on the roadways.
- ▶ **Estimated Project Cost** – \$1,500,000

*Project Cost Estimates Rounded