CIRC Alternatives Implementation Projects

**Phase I Implementation Projects**
- I-86 Exit 16 Interchange Improvements, Colchester
- VT2A/VT289 Interchange Improvements, Essex
- New Crescent Connector Road, Essex Junction
- VT2A/James Brown Drive Improvements, Williston
- Transit System Improvements on VT15, VT2A and US2—16 Shelters and Pocket Park and Ride Spaces
- Intelligent Transportation System (ITS) Improvements—Upgrade of 10 Traffic Signal Systems to Adaptive Signal Control Technology
- Regional Transportation Demand Management (TDM) through Go! Chittenden County Program

**Phase II Implementation Projects**
- New US2/Trader Lane Traffic Signal, Williston
- Severance Corners Intersection Improvements, Colchester
- VT15/Sand Hill Road Intersection Improvements, Essex
- Post Office Square Intersection Improvements and VT15 Improvements to 5-Corners, Essex Junction
- New VT15 Shared Use Path, Winooski to Essex Junction
- Transit System Improvements, US2 Williston to Burlington Mid-day Service
- Transit System Improvements, VT15 Jeffersonville to Burlington Commuter Service
- Intelligent Transportation System (ITS) Improvements—Upgrade of 10 Traffic Signal Systems to Adaptive Signal Control Technology
- Regional Transportation Demand Management (TDM) through Go! Chittenden County Program

**Phase III Implementation Projects**
- I-89 Exit 12 Interchange Stage I Improvements—New Shared Use Path Under I-89 and New VT2A Lane from Marshall Avenue to I-89 Northbound Ramp, Williston
- I-89 Exit 12 Interchange Stage 2 Improvements—New Grid Streets and At-grade Intersection on VT2A between I-89 and Marshall Avenue, Williston
- I-89 Exit 12 Interchange Stage 3 Improvements—Diverging Diamond Interchange Improvements, Williston
- I-89 Exit 12 Interchange Stage 4 Improvements—VT2A Boulevard Upgrade from Grid Street Intersection to Taft Corners, Williston
- Industrial Avenue/Mountain View Road/VT2A Intersection Improvements and Two-Way Left-Turn Lane to James Brown Drive
- New US2 Taft Corners to Williston Village Shared Use Path and Village Sidewalk Rehabilitation, Williston
- New Mountain View Road and Redmond Road to IBM Entrance Shared Shoulders, Williston
- New Missing Link Bicycle and Pedestrian Connections—Taft Corners Area, Williston
- VT117/North Williston Road Intersection Improvements, Essex
- VT117/North Williston Road Hazard Mitigation Improvements—New Culvert, Safety Enhancements and Armoring
- New VT15, Old Stage Road to Essex Way Sidewalk, Essex
- VT15/Susie Wilson Road/Kellogg Road Corridor and Intersection Improvements, Essex
- Mill Pond Road/Severance Road Intersection Improvements and New Shared Use Path, Colchester
- VT2A/Mill Pond Road/East Road Intersection Improvements and Shoulder, Sidewalk and Drainage Upgrades in Colchester Village, Colchester
- VT127 Prim Road/West Lakeshore Drive Intersection Improvements, Colchester
- VT127 Blakely Road/Laker Lane Intersection Improvements, Colchester
Transportation Demand Management (TDM)

TDM programs target how, when and where people travel
- Increase use of transit, carpools, vanpools, bicycling, and walking
- Decrease total vehicle trips and drive-alone trips

TDM Benefits:
- Efficient use of existing system
- Environmentally friendly
- Saves $$$ - do more with less
- Provides more travel options: transit, carpools/vanpools, car-sharing, bicycling and walking

New Shelters and CCTA Bus Services:
- Construction of 16 solar shelters with bicycle racks in Colchester, Essex and Williston

CCTA Commuter Service:
- Jeffersonville to Burlington
- Milton/Colchester to Burlington
- Essex/Williston to Waterbury/Montpelier Commuter Service and Park & Rides
- New Williston Village Mid-day CCTA Route

TDM Projects
- Establish Regional Multimodal Transit Hubs
- Expand CarShare Vermont
- Employee Transit Pass Pilot Project
- TDM Circuit Rider/ETC network
- Neighborhood-based VMT Reduction Social Marketing Program (Park It Pledge)

TDM Partners
- Chittenden County RPC
- VT Agency of Transportation
- Vermont Energy Investment Corporation
- Vermont Department of Health
CIRC Alternatives Implementation Projects
Severance Road and VT2A, Colchester

**Severance Road Shared Use Path:** 10 foot-wide Path on South side, 4 foot-wide Shoulders

**Severance Road/Mill Pond Road Intersection Improvements**
- Left turn lane from VT2A eastbound to Mill Pond Road
- Right turn lane from VT2A westbound to Mill Pond Road

**VT2A/Mill Pond Road East Road Intersection Improvements**
- Left turn lanes on VT2A

**VT2A-Colchester Village Improvements**
- 5-foot sidewalk on both sides of VT2A
- 4-foot shoulders on both sides of VT2A
- Upgraded lighting and drainage
**Stage 1:** New VT2A (east side) Shared Use Path under Interstate & New VT 2A Southbound Lane to I-89 NB On-Ramp

**Stage 2:** New Grid Streets and a new signalized At Grade Intersection on VT 2A between I-89 & Marshall Ave

**Stage 3:** Diverging Diamond Interchange (Requires reconstruction of Interstate Bridges)

**Stage 4:** VT 2A Boulevard from Grid Street/VT 2A Intersection to Taft Corners
CIRC Alternatives Implementation Project
VT15 Multiuse Path, Winooski to Essex

**Issues:**
- Provide alternatives to automobile travel
- Provide connectivity between existing bicycle and pedestrian facilities
- Increase Safety for bicyclists – bicyclists on VT15 must share the roadway with high traffic volumes traveling at high speeds
- Connect land use destinations
- The Chittenden County Regional Bicycle and Pedestrian Plan calls for the development of bicycle and pedestrian facilities in the study area to promote transportation choice, economic vitality, safe neighborhoods, clean environment, energy efficiency, better health

**Preferred Alternative – Phase 1:**
- A south side path from Lime Kiln Road to Vermont National Guard Road and including a pedestrian crossing of National Guard Road
- North side path from Vermont National Guard Road to Susie Wilson Road
- Pedestrian Crossing of Susie Wilson Road

Path layout—Johnson Avenue to National Guard Road
Exit 16 and US 2/7 Project
(South Park Drive to Rathe Road)

Exit 16 Project Improvements:
- Diverging Diamond Interchange at Exit 16
- Additional Lanes & Signal Improvements at: Mountain View Road, Hercules Drive, Rathe Road, and Tigan Street
- Pedestrian and Bicycle Facility Improvements

Exit 16 Project Benefits
- Increased Safety for All Modes
- Decreased Vehicle Congestion
- Increased Interchange and Intersection Capacity

Mountain View Intersection & US 2/7 Corridor

Hercules Drive and Rathe Rd Intersections
CIRC Alternative Implementation Project
Susie Wilson Road, Essex

Susie Wilson Road/Kellogg Road Signal Upgrades
- Dual northbound left turn lane
- Additional northbound through lane
- Signal upgrade

VT15/Susie Wilson Road
- Dual southbound left turn lane
- Signal upgrade

Widen Susie Wilson Road to Accommodate 4 foot shoulders for bicycles