

Alternatives to the Circ Project List
DRAFT - 7/28/2011

	Project		Project Use Category	Planning Cost Range	Construction Cost Range	Construction Timeframe	Type of Project	Notes	
Colchester									
1	CircAlt	PLN-02	East West Connections Between US7 and Susie Wilson Road: Evaluation of Improvements to Severance Road and VT2A	Capacity	\$100,000 - \$200,000		Long range	Planning	
2	CircAlt	PLN-16	Impacts of Not Completing the Circ Highway on Cochester	Preservation	\$50,000 - \$100,000			Planning	Planning study evaluating the impacts of the existing Circ segments on Colchester without completing the highway.
3	CircAlt	SCP-01	Heineberg Bridge Park and Ride Lot	Intermodal		< \$500,000	Mid range	Scoping	To include bus service. Estimated at 40 spaces per regional P&R Plan.
4	CircAlt	PLN-01	Exit 17 Improvements	Preservation/Capacity	\$100,000 - \$200,000	> \$6 M	Mid/long range	Scoping	Alternatives evaluated in Exit 17 Growth Center Study, 2006, Exit 17 - Chimney Corners Traffic Analysis, 2009 and Western Corridor Plan, 2010. Technical analysis to begin in 2011.
5	CircAlt	SCP-03	VT2A Improvements in Colchester Village	Preservation/Capacity	\$100,000 - \$200,000		Mid range	Scoping	Evaluated in VT2A Initial Scoping Report, 2001.
6	CircAlt	SCP-04	Exit 16 Park and Ride -- Construction of a New Lot	Intermodal		> \$6 M	Long range	Scoping	Potentially off S Park Dr. Potential for intercept facility with 800 spaces (Regional Park and Ride Plan).
7	CircAlt	SCP-05	VT 15 / Lime Kiln Road Intersection Improvements	Preservation/Capacity	\$50,000 - \$100,000		Mid range	Scoping	From VT 15 Corridor Study.
8	CircAlt	IMP-22-01	VT127 Intersections: Prim and West Lakeshore Drive	Preservation/Capacity		< \$500,000	Short range	Implementation	
9	CircAlt	IMP-22-02	VT127 Intersections: Laker Lane and Malletts Bay Avenue	Preservation/Capacity		< \$500,000	Short range	Implementation	
10	CircAlt	IMP-22-03	VT127 Intersections: Malletts Bay School Entrance	Preservation/Capacity		< \$500,000	Short range	Implementation	
11	CircAlt	IMP-22-04	VT127 Intersections: West Lakeshore Drive and Malletts Bay Avenue	Preservation/Capacity		< \$500,000	Short range	Implementation	
12	CircAlt	IMP-22-05	VT127 Intersections: Malletts Bay Avenue and Blakely Road	Preservation/Capacity		< \$500,000	Mid range	Implementation	
13	CircAlt	IMP-22-06	VT127 Intersections: Williams Road and Blakely Road	Preservation/Capacity		< \$500,000	Mid range	Implementation	
14	CircAlt	IMP-22-07	VT127 Intersections: Prim Road and Bean Road	Preservation/Capacity		< \$500,000	Mid range	Implementation	
15	CircAlt	IMP-22-08	VT127 Intersections: Lavigne Road and Blakely Road	Preservation/Capacity		< \$500,000	Mid range	Implementation	
16	CircAlt	IMP-22-09	VT127 Road Segments: West Lakeshore Drive	Preservation/Capacity		\$500,000 - \$6 M	Mid range	Implementation	

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17	CircAlt IMP-22-10	VT127 Road Segments: Prim Road	Preservation/Capacity		> \$6 M	Mid range	Implementation	
18	CircAlt IMP-22-11	VT127 Road Segments: Heineberg Drive - Phase A	Preservation/Capacity		\$500,000 - \$6 M	Mid range	Implementation	
19	CircAlt IMP-22-12	VT127 Road Segments: Heineberg Drive - Phase B	Preservation/Capacity		\$500,000 - \$6 M	Mid range	Implementation	
20	CircAlt IMP-22-13	VT127 Road Segments: Malletts Bay Avenue	Preservation/Capacity		\$500,000 - \$6 M	Long range	Implementation	
21	CircAlt IMP-22-14	VT127 Road Segments: Blakely Road	Preservation/Capacity		\$500,000 - \$6 M	Long range	Implementation	
22	CircAlt IMP-01	Severance Corners Improvements	Preservation/Capacity		\$500,000 - \$6 M	Short range	Implementation	Evaluated in Severance Corners Transportation Improvement Plan, 2007. Design conducted by VHB.
23	CircAlt IMP-02	VT2A/US7/Creek Road/Bay Road Intersection Improvements	Preservation		\$500,000 - \$6 M	Short range	Implementation	Funding for this project is included in the TIP in FY13 and FY14.
24	CircAlt IMP-03	Exit 16 Improvements	Capacity		\$500,000 - \$6 M	Short range	Implementation	Evaluated in Exit 16 Circulation Study, 2009 & Interstate 89 Exit 16 Scoping Study, 2011.
25	CircAlt IMP-04	Exit 16 Park and Ride -- Lease of Existing Lot	Intermodal		< \$500,000	Short range	Implementation	Potentially at Charlebois parking area.
Essex								
26	CircAlt PLN-03	VT15/Susie Wilson Road Improvements	Preservation	\$50,000 - \$100,000		Short/mid range	Planning	Intersection changes due to Lowe's development should be monitored and traffic circulation re-evaluated.
27	CircAlt PLN-04	Allen Martin Parkway Connection to VT289 and VT15	Capacity	\$50,000 - \$100,000	\$500,000 - \$6 M	Mid/long range	Planning	
28	CircAlt PLN-05	Winooski River Bridge	Capacity	> \$200,000		Long range	Planning	Construction of a new bridge over the Winooski River.
29	CircAlt IMP-05	Kellogg Road/Susie Wilson Road Intersection Improvements	Preservation/Capacity	\$50,000 - \$100,000	\$500,000 - \$6 M	Short/mid range	Scoping	Evaluated in Route 15 Corridor Study, 2008. Also by VTrans under the Highway Safety Improvement Program. Possible implementation of short term improvements followed by scoping for long term improvements.
30	CircAlt SCP-06	VT2A/VT289 Interchange Improvements	Capacity	\$100,000 - \$200,000		Long range	Scoping	Potential grade separation of VT 289 over 2A to Susie Wilson Bypass.
31	CircAlt SCP-07	VT 289 Multi use path	Intermodal	\$50,000 - \$100,000		Long range	Scoping	Need to assess regional bike/ped connectivity options.

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32	CircAlt SCP-08	VT15 Park and Ride Lot	Intermodal		< \$500,000	Short/mid range	Scoping	Locating and constructing a new facility. Cost estimate based on 50 spaces. Regional Park and Ride plan identifies location at Simon's Store with potential to lease land for P&R.
33	CircAlt SCP-09	VT117/VT289 Interchange Improvements	Preservation/Capacity	\$50,000 - \$100,000		Mid range	Scoping	
34	CircAlt SCP-10	North Williston Road Flood Plain Elevation Improvements	Preservation	\$100,000 - \$200,000		Short/mid range	Scoping	
35	CircAlt SCP-11	VT15 Shared Use Path: Susie Wilson Road to the Vermont National Guard.	Bike/Ped	\$50,000 - \$100,000	\$500,000 - \$6 M	Medium	Scoping	See Implementation Plan in the Route 15 Corridor Study, 2008
36	CircAlt IMP-06	VT2A/VT289 Interchange Improvements	Preservation		< \$500,000	Short range	Implementation	Recommendation from the Route 15 Corridor Study (2008) -- add an eastbound right turn lane on Susie Wilson Bypass. Other improvements may include signal upgrades and changing lane assignments.
37	CircAlt IMP-07	Gentes Road Bridge Replacement	Preservation		\$500,000 - \$6 M	Mid/long range	Implementation	Scoping study is being completed
38	CircAlt IMP-08	Shared Parking at Essex Shoppes & Cinema	Intermodal		< \$500,000	Short/mid range	Implementation	
39	CircAlt IMP-09	VT 15 / Sand Hill Road Improvements	Preservation/Capacity		\$500,000 - \$6 M	Short/mid range	Implementation	Evaluated in VT Route 15/Sand Hill Road Scoping Study, 2008. Signal warrant is met. Scoping awaiting review from VTrans
40	CircAlt IMP-21	VT117/Sand Hill Road Improvements	Preservation		\$500,000 - \$6 M	Short range	Implementation	Construction funds in the TIP for FY13.
Essex Junction								
41	CircAlt PLN-06	Five Corners Alternative Path Connections	Bike/Ped	\$50,000 - \$100,000		Mid/long range	Planning	Various connections considered in Pearl Street Multimodal Transportation Study, 2010, and Route 15 Bicycle and Pedestrian Facility Feasibility Study, 2007
42	CircAlt PLN-07	VT2A Corridor Analysis: Winooski River to Five Corners	Preservation/Capacity	\$50,000 - \$100,000		Mid/long range	Planning	
43	CircAlt SCP-12	Pearl Street Improvements: CVE Gate B and Post Office Square entrance	Preservation	\$50,000 - \$100,000		Mid/long range	Scoping	Evaluated in Pearl Street Multimodal Transportation Study, 2010.
44	CircAlt SCP-13	VT15 Multi-Use Path: Five Corners to West Street	Bike/Ped	\$50,000 - \$100,000		Mid range	Scoping	Evaluated in Pearl Street Multimodal Transportation Study, 2010. See also Route 15 Bicycle and Pedestrian Facility Feasibility Study, 2007
45	CircAlt SCP-14	Multi-Use Path: High School to Five Corners	Bike/Ped	\$50,000 - \$100,000		Mid range	Scoping	Village has conceptual plan and cost estimate

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46	CircAlt SCP-24	Pedestrianize portion of Main Street - War memorial to Martones	Bike/Ped	\$50,000-\$100,000		Short/mid range	Scoping	Village ROW - Environmental and Econ Deve. Phase II of Connector Road Project.
47	CircAlt SCP-25	Post Office Square to 5 Corners Streetscape and Bike Lanes	Preservation	\$1,200,000		Short range	Scoping	Multimodal Transportation Study 2010
48	CircAlt IMP-10	VT15, VT2A, VT117 Paving	Preservation	< \$50,000		Short/mid range	Implementation	Paving last done in FY95, FY96 and FY97
49	CircAlt IMP-11	Crescent Connector Road	Capacity		\$500,000 - \$6 M	Short/mid range	Implementation	Evaluated in Village Connector Road Analysis, 2010 and Crescent Connector Scoping Report, 2011. Projects needs to be added to MTP
50	CircAlt IMP-12	IBM Bridge Usage		< \$50,000		Short range	Implementation	Bridge is owned by IBM. Shared use would have to be negotiated
51	CircAlt IMP-23	Burlington Branch Rail Line	Rail		\$500,000 - \$6 M	Short/mid range	Implementation	Montreal and Commuter Rail Connection
Milton								
52	CircAlt PLN-17	US7 Corridor Study	Preservation	\$50,000 - \$100,000			Planning	Follow up to Milton Town Core Transportation Plan completed in 2008
Regional								
53	CircAlt ITS-01	Transportation Demand Management	Intermodal		\$500,000 - \$6 M	Short/mid range	Planning/Implementation	2025 MTP identifies TDM strategies through employer based trip reduction programs and an expanded network of park and ride facilities. TDM Pilot Project underway in partnership with CarShare Vermont, Local Motion, CCTA, CATMA
54	CircAlt TRN-09	Williston Transit Shelter Location and Construction	Transit			Short/mid range	Planning	Identify appropriate locations for new transit shelters
55	CircAlt ITS-02	ITS Operations Center Planning Study	Preservation	\$50,000 - \$100,000		Short/mid range	Planning	Conduct planning study to examine potential regional traffic operations center. Study would identify institutional relationships necessary, funding, and peer examples from other regions with similar characteristics.
56	CircAlt TRN-01	VT 15 Transit Shelters	Transit			Short range	Implementation	From town discussion
57	CircAlt TRN-02	Colchester Transit Service	Transit			Short/mid range	Implementation	

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58	CircAlt	TRN-03	VT15 Interregional Transit Service from Cambridge	Transit			Short/mid range	Implementation	Route identified in CCTA's 2010 Transit Development Plan.
59	CircAlt	TRN-04	Commuter service from Malletts Bay to Burlington	Transit			Short/mid range	Implementation	Route identified in CCTA's 2010 Transit Development Plan.
60	CircAlt	TRN-05	Increased frequencies on Essex and Williston Routes with future conversion to BRT	Transit			Short/mid range	Implementation	Route identified in CCTA's 2010 Transit Development Plan.
61	CircAlt	TRN-06	Establish local fixed routes in Colchester, Essex, Essex Junction and Williston	Transit			Short/mid range	Implementation	Route identified in CCTA's 2010 Transit Development Plan.
62	CircAlt	TRN-07	Parking shuttle Exit 12 to BTV	Transit			Mid range	Implementation	Route identified in CCTA's 2010 Transit Development Plan.
63	CircAlt	TRN-08	Feeder services to trunk lines: Jericho and Essex to Essex route, Williston and Richmond to Williston Route	Transit			Short/mid range	Implementation	Route identified in CCTA's 2010 Transit Development Plan.
Richmond									
64	CircAlt	SCP-23	Richmond Park and Ride	Intermodal	\$50,000 - \$100,000		Short/mid range	Scoping	VTrans evaluating expansion of Richmond Park and Ride Lot
65	CircAlt	IMP-20	US2/VT117/I-89 Exit 11 Improvements	Preservation		\$500,000 - \$6 M	Short range	Implementation	Project is in TIP for construction in FY15.
Williston									
66	CircAlt	PLN-08	VT2A Corridor Study: Hurricane Lane to Zephyr Road - Include Exit 12 Evaluation	Preservation/Capacity	\$100,000 - \$200,000		Mid/long range	Planning	Include Double Crossover Diamond evaluation for Exit 12.
67	CircAlt	PLN-09	VT2A Corridor Analysis: Zephyr Road to Winooski River	Preservation/Capacity	\$100,000 - \$200,000		Mid/long range	Planning	
68	CircAlt	PLN-10	VT2A Pedestrian Connections	Bike/Ped	\$50,000 - \$100,000		Mid/long range	Planning	Connection from Taft Corners to existing path. CCMP staff reviewed existing plans to determine what information existed about bicycle/pedestrian facilities or improvements.
69	CircAlt	PLN-11	Park and Ride West of Taft Corners	Intermodal	\$50,000 - \$100,000		Mid range	Planning	
70	CircAlt	PLN-12	US2 Bike/Ped Connection: Taft Corners to Williston Village	Bike/Ped	\$50,000 - \$100,000		Long range	Planning	
71	CircAlt	PLN-13	US2 Complete Streets: Tafts Corner to Williston Village	Preservation	\$100,000 - \$200,000		Mid range	Planning	Evaluated in US2 Corridor Transportation Management Plan, 2007. Remove climbing
72	CircAlt	PLN-14	Mountain View Road Bike/Ped Facilities	Bike/Ped	\$50,000 - \$100,000		Long range	Planning	
73	CircAlt	PLN-15	CSWD Traffic Impacts	Preservation	\$50,000 - \$100,000		Long range	Planning	Planning study of the impact of CSWD operations on the road network

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74	CircAlt	SCP-15	US2/Brownell Road Intersection Improvements	Preservation	\$50,000 - \$100,000		Short/mid range	Scoping	Evaluated in US2 Corridor Transportation Management Plan, 2007.
75	CircAlt	SCP-16	US2/Helena Drive/Trader Lane Traffic Signal	Preservation	\$50,000 - \$100,000	< \$500,000	Short/mid range	Scoping	Evaluated in Williston Street Grid Evaluation, 2006.
76	CircAlt	SCP-17	VT2A/Industrial Avenue/Mountain View Intersection Improvements	Preservation/Capacity	\$50,000 - \$100,000		Mid range	Scoping	Evaluated in Williston Intersections Scoping Study, 2002.
77	CircAlt	SCP-18	Park and Ride Near Exit 12	Intermodal	\$50,000 - \$100,000		Mid range	Scoping	VTrans working with property owners to advance this project.
78	CircAlt	SCP-19	Park and Ride Lot Near Shaws	Intermodal	\$50,000 - \$100,000		Short range	Scoping	Cost based on 60 spaces per Regional Park and Ride Plan. Location is on town-owned land.
79	CircAlt	SCP-20	Park and Ride Lot in Williston Village	Intermodal	\$50,000 - \$100,000		Short range	Scoping	Cost based on 30 spaces per Regional Park and Ride Plan.
80	CircAlt	SCP-21	Mountain View Road / North Williston Road Intersection Improvements	Preservation/Capacity	\$50,000 - \$100,000		Mid range	Scoping	Scoping study underway
81	CircAlt	SCP-22	US 2 / Oak Hill / North Williston Road Intersection Improvements	Preservation/Capacity	\$50,000 - \$100,000		Mid/long range	Scoping	Potential need for some improvement at this location in the future. Previous scoping effort did not result in an alternative with broad public support.
82	CircAlt	PLN-18	I-89 to Mountain View Connector	Capacity			Long range	Scoping	
83	CircAlt	IMP-13	US2/Industrial Avenue Intersection Improvements	Preservation/Capacity		\$500,000 - \$6 M	Mid range	Implementation	VTrans has completed design of improvements in this location. Project is in TIP for CON in FY14.
84	CircAlt	IMP-14	US2/Industrial Avenue Waterline Relocation	Preservation		< \$500,000	Mid range	Implementation	
85	CircAlt	IMP-15	Trader Lane Construction	Capacity		\$500,000 - \$6 M	Short range	Implementation	Evaluated in Williston Street Grid Evaluation, 2006.
86	CircAlt	IMP-16	Wright Avenue Construction	Capacity		\$500,000 - \$6 M	Short range	Implementation	Evaluated in Williston Street Grid Evaluation, 2006.
87	CircAlt	IMP-17	Video Detection Installation: Marshall/South Brownell, Marshall/Harvest Lane	Preservation		< \$500,000	Short range	Implementation	Upgrade existing signals
88	CircAlt	IMP-18	Traffic Signal Emergency Power Backup -- Marshall Avenue Signals	Preservation		< \$500,000	Short range	Implementation	
89	CircAlt	IMP-19	VT2A/James Brown Traffic Signal	Preservation		\$500,000 - \$6 M	Short range	Implementation	Evaluated in James Brown Scoping Report, 2009