TABLE 1: Alignment Comparisons Barre City and Barre Town Multi Use Path Conceptual Alignment Study October 28, 2010

Project Description Length Length of New Sidewalk Length of New Shared Use Path Type & Length of On-Road Facilities Number of Crosswalks* Length in ROW Private property easements Significant Physical Constraints Environmental/Cultural Constraints Flood Plain Nerest Impact Approximate wetland disturbance Deer Yard Disturbance Nerest Impact Nerest Imp	No impact No impact No impact	8,650 LF 0 8,650 LF 0 1 1 0 15 Several large and small sloped areas / Avoiding uninterested properties	8,730 LF 2,500 LF 6,125 LF 2,500 LF Bicycle Route 3 2,500 LF 13 Crossing Quarry Hill Road / Several steeply sloping areas	Sections A&B Alignment B-1 3,175 LF 1,250 LF 1,925 LF 300 LF Wide shoulders 650 LF Bicycle lanes 2 1,250 LF 3 The steep slope east Wilson Road / The crossing on Bridge Street at the end of the existing City/Town path	5,025 LF 975 LF 975 LF 3,050 LF 975 LF Wide shoulders 1,750 LF Beyole lanes 4 2,725 LF 3 Connection to Sterling Hill Road may require significant grading	3,515 LF 1,575 LF 1,825 550 LF Wide shoulders LF Bicycle lanes 5 1,575 LF	1,250 LF 625 LF 0 Bicyle Lanes 1,250 LF 2 1,250 LF	Segment C Alignment C-2 1,800 LF 950 LF 850 LF Wide Shoulders 950 LF	Alignment C-3 4,400 LF 21,950 2,000 LF	Alternative 1 1,300 LF 0 1,300 LF	High S Alternative 2 3,180 LF 1,750 LF 1,030 LF	Alternative 3 700 LF 0 550 LF	Alternative 4 650 LF 0 650 LF	Alternative 5 3,075 LF 3,075 LF 0	Alternative 6 800 LF 0 800 LF
Project Description Length Length of New Sidewalk Length of New Shared Use Path Type & Length of On-Road Facilities Number of Crosswalks* Length in ROW Private property easements Significant Physical Constraints Environmental/Cultural Constraints Flood Plain Nerest Impact Approximate wetland disturbance Deer Yard Disturbance Nerest Impact Nerest Imp	0 0 0 0 1 1 2 0 0 None None No impact No impact No impact	8,650 LF 0 8,650 LF 0 1 0 15 Several large and small sloped areas / Avoiding uninterested properties	8,730 LF 2,500 LF 6,125 LF 2,500 LF Bicycle Route 3 2,500 LF 13 Crossing Quarry Hill Road /	3,175 LF 1,250 LF 1,925 LF 300 LF Wide shoulders 650 LF Bicycle lanes 2 1,250 LF 3 The steep slope east Wilson Road / The crossing on Bridge Street at the end of the existing	5,025 LF 975 LF 3,050 LF 975 LF Wide shoulders 1,750 LF Bicycle lanes 4 2,725 LF 3 Connection to Sterling Hill Road	3,515 LF 1,575 LF 1,825 550 LF Wide shoulders 1,025 LF Bicycle lanes	1,250 LF 625 LF 0 Bicyle Lanes 1,250 LF	1,800 LF 950 LF 850 LF	4,400 LF 21,950 2,000 LF	0	3,180 LF 1,750 LF	700 LF 0	650 LF 0	3,075 LF	800 LF 0
Length Length of New Sidewalk Length of New Shared Use Path Type & Length of On-Road Facilities Number of Crosswalks* Length in ROW Private property easements Significant Physical Constraints Environmental/Cultural Constraints Flood Plain N Forest Impact Approximate wetland disturbance Deer Yard Disturbance N Archaelogical Resources N	0 0 0 1 2 0 None None No impact No impact No impact	0 8,650 LF 0 1 0 15 Several large and small sloped areas / Avoiding uninterested properties	2,500 LF 6,125 LF 2,500 LF Bicycle Route 3 2,500 LF 13 Crossing Quarry Hill Road /	1,250 LF 1,925 LF 1,925 LF 300 LF Wide shoulders 650 LF Bicycle lanes 2 1,250 LF 3 The steep slope east Wilson Road / The crossing on Bridge Street at the end of the existing	975 LF 3,050 LF 975 LF Wide shoulders 1,750 LF Bicycle lanes 4 2,725 LF 3 Connection to Sterling Hill Road	1,575 LF 1,825 550 LF Wide shoulders 1,025 LF Bicycle lanes 5	625 LF 0 Bicyle Lanes 1,250 LF	950 LF 850 LF	21,950 2,000 LF	0	1,750 LF	0	0	-,	0
Length of New Sidewalk Length of New Shared Use Path Type & Length of On-Road Facilities Number of Crosswalks* Length in ROW Private property easements Significant Physical Constraints Flood Plain Forest Impact Approximate wetland disturbance Deer Yard Disturbance Narchaelogical Resources	0 0 0 1 2 0 None None No impact No impact No impact	0 8,650 LF 0 1 0 15 Several large and small sloped areas / Avoiding uninterested properties	2,500 LF 6,125 LF 2,500 LF Bicycle Route 3 2,500 LF 13 Crossing Quarry Hill Road /	1,250 LF 1,925 LF 1,925 LF 300 LF Wide shoulders 650 LF Bicycle lanes 2 1,250 LF 3 The steep slope east Wilson Road / The crossing on Bridge Street at the end of the existing	975 LF 3,050 LF 975 LF Wide shoulders 1,750 LF Bicycle lanes 4 2,725 LF 3 Connection to Sterling Hill Road	1,575 LF 1,825 550 LF Wide shoulders 1,025 LF Bicycle lanes 5	625 LF 0 Bicyle Lanes 1,250 LF	950 LF 850 LF	21,950 2,000 LF	0	1,750 LF	0	0	-,	0
Length of New Shared Use Path Type & Length of On-Road Facilities Number of Crosswalks* Length in ROW Private property easements Significant Physical Constraints Flood Plain Forest Impact Approximate wetland disturbance Deer Yard Disturbance N Archaelogical Resources	0 0 None None No impact No impact No impact	8,650 LF 0 1 0 15 Several large and small sloped areas / Avoiding uninterested properties	6,125 LF 2,500 LF Bicycle Route 3 2,500 LF 13 Crossing Quarry Hill Road /	1,925 LF 300 LF Wide shoulders 650 LF Bicycle lanes 2 1,250 LF 3 The steep slope east Wilson Road / The crossing on Bridge Street at the end of the existing	3,050 LF 975 LF Wide shoulders 1,750 LF Bicycle lanes 4 2,725 LF 3 Connection to Sterling Hill Road	1,825 550 LF Wide shoulders 1,025 LF Bicycle lanes 5	0 Bicyle Lanes 1,250 LF	850 LF	2,000 LF					0 0	*
Facilities Number of Crosswalks* Length in ROW Private property easements Significant Physical Constraints Environmental/Cultural Constraints Flood Plain Forest Impact Approximate wetland disturbance Deer Yard Disturbance Nachaelogical Resources	None No impact No impact No impact	0 15 Several large and small sloped areas / Avoiding uninterested properties	3 2,500 LF 13 Crossing Quarry Hill Road /	Bicycle lanes 2 1,250 LF 3 The steep slope east Wilson Road / The crossing on Bridge Street at the end of the existing	LF Bicycle lanes 4 2,725 LF 3 Connection to Sterling Hill Road	LF Bicycle lanes 5	2	Wide Shoulders 950 LF	4.050 Pi 1.7					-	
Length in ROW Private property easements Significant Physical Constraints Environmental/Cultural Constraints Flood Plain N Forest Impact Approximate wetland disturbance Deer Yard Disturbance N Archaelogical Resources	None No impact No impact No impact	0 15 Several large and small sloped areas / Avoiding uninterested properties	13 Crossing Quarry Hill Road /	The steep slope east Wilson Road / The crossing on Bridge Street at the end of the existing	3 Connection to Sterling Hill Road	5 1,575 LF 8	2 1,250 LF		1,950 Bicycle Lanes	None	1,750 LF Bicycle Route & 300 LF Bicycle Lanes	None	None	3,075 LF Bicycle Lanes	None
Private property easements Significant Physical Constraints Environmental/Cultural Constraints Flood Plain Forest Impact Approximate wetland disturbance Deer Yard Disturbance N Archaelogical Resources	None No impact No impact No impact	15 Several large and small sloped areas / Avoiding uninterested properties	13 Crossing Quarry Hill Road /	The steep slope east Wilson Road / The crossing on Bridge Street at the end of the existing	3 Connection to Sterling Hill Road	1,575 LF 8	1,250 LF	2	3	0	3	0	0	4	1
Significant Physical Constraints Environmental/Cultural Constraints Flood Plain N Forest Impact Approximate wetland disturbance Deer Yard Disturbance N Archaelogical Resources	None No impact No impact No impact	Several large and small sloped areas / Avoiding uninterested properties	Crossing Quarry Hill Road /	Road / The crossing on Bridge Street at the end of the existing		8	0	950 LF	2,000 LF	0	3,180 LF	0	50 LF	3,075 LF	800 LF
Environmental/Cultural Constraints Flood Plain N Forest Impact N Approximate wetland disturbance N Archaelogical Resources N	No impact No impact No impact	areas / Avoiding uninterested properties		Road / The crossing on Bridge Street at the end of the existing		77 . 1 . 1071	0	7 SP 16:	2	9	7	1 Crossing the Stevens Branch	1	0	0
Flood Plain N Forest Impact N Approximate wetland disturbance Deer Yard Disturbance N Archaelogical Resources N	No impact No impact No impact	No impact				The steep slope east Walson Road / The crossing on Bridge Street at the end of the existing City/Town path	Tight, sloping curve on Prospect Street with bicyclists crossing and on road bicycle facilities	Narrowness of Branch Street makes adding facilities difficult / slope between Branch Street and the existing path	Narrowness of alignment adjacent to Prospect St. bridge	Very Steep Slopes	Narrowness of Mill Street / the slope and configuration of the Mill Street & Main Street intersection / limited space along Main Street/ the configuration of the Main St. and Ayers St. intersection	Crossing the Stevens Branch	Slope	The existing width of Websterville and Sterling Hill Roads	Space between the roadway and buildings is limited
Approximate wetland disturbance N Deer Yard Disturbance N Archaelogical Resources N	No impact		No impact	No impact	No impact	No impact	No impact	No Impact	No impact	No Impact	No impact	Potential impact	No impact	No impact	No impact
disturbance Deer Yard Disturbance Archaelogical Resources N	*	Impacts	No impact	Some impact	Some impact	Some impact	No impact	Impacts	Impacts	Impacts	No impact	No impact	Minor Impact	No impact	No impact
Archaelogical Resources N		450 LF	No impact	No impact	No impact	No Impact	No impact	No Impact	300 LF	No Impact	No impact	No impact	No impact	No impact	No impact (needs field verification)
	No impact No effect	No impact Potential effect	No impact No effect	No impact No effect	Some impact No effect	No Impact Potential effect	No impact No effect	No Impact Potential effect	Minimal Potential effect	No Impact No effect	No impact No effect	No impact Potential effect	No Impact No effect	No impact No effect	No impact No effect
	No adverse effect	No adverse effect	No effect	Potential adverse effect (Sterling Hill Road and Bridge Street houses)	No effect	Potential effect (Sterling Hill Road and Bridge Street houses)	No adverse impact	Potential adverse effect (Branch Street houses)	Potential adverse effect (Brooklyn Street houses)	No adverse effect	Potential adverse effect (Mill Street houses, S. Main Street Bridge, Ayers intersection)	No apparent adverse effect	No effect	No apparent adverse effect	Potential adverse effect (Bridge)
	No impact	No known impact	No known impact	Potential impact - M & M Beveridge	No known impact	Potential impact - M & M Beveridge	Possible minor impact - Bonacorsi & Sons on the south side of Prospect Street	No known impact	No known impact	No known impact	Possible minor impact - Barre Cumberland Farms on the east side of S. Main Street	Possible impact - Transmission station	No known impact	No known impact	No known impact
Project Attributes	No														
Meets Purpose and Need Statement	NO	Yes	Yes	Yes	Yes	Yes	Questionable	Most likely	Yes	Yes	Questionable	Yes	Yes	Yes	Yes
Number of Unsignalized Commercial/Institutional Driveways/Roadways Crossed by Sidepath	NA	0	5	0	0	0.00	0	0	0	0	4	1	0	0	1 (possibly 2)
Number of Unsignalized Residential Driveways Crossed by Sidepath	NA	0	3	0	0	0.00	0	0	0	0	0	0	0	0	3
	various signalized and signalized crossings	NA	NA	Uses intersection to be signalized in the near future	Usese existing signalized intersection with pedestrian signals	Uses intersection to be signalized in the near future	NA	NA	NA	NA	Uses intersection to be signalized in the near future	Uses intersection to be signalized in the near future	NA	NA	NA
Use of Existing City/Town Path	NA	NA	NA	Links with southern end of path	None	Links with southern end of path	Links with northern end of path	Links with middle of path	None	Links with middle of path	None	None	Links with middle of path	NA	NA
	None NA	1 No	4 No	5 Yes	2 No	5 No	1 No	1 No	2 No	NA No	2 No	1 No	NA No	NA No	NA No
	erienced bicycle riders C	Children, casual and experienced bicycle riders	Children, casual and experienced bicycle riders	Switchbacks may limit use by young and old pedestrian and bicyclists	Children, casual and experienced bicycle riders	Children, casual and experienced bicycle riders	May only serve experienced bicycle riders	Children, casual and experienced bicycle riders		Children, casual and experienced bicycle riders	May be difficult for Children to use	Children, casual and experienced bicycle riders	Children, casual and experienced bicycle riders	Children, casual and experienced bicycle riders	Children, casual and experienced bicycle riders
	High	Minimal	High - must cross Quarry Hill Road - moderate on Cherywood and Golden Circle	Moderate - Sterling Hill and Bridge Street	Moderate - Parkside Terrace and Pouloit Street	Moderate - Sterling Hill and Bridge Street	High on Prospect Street	High on Branch Street	High on Brooklyn Street	None	High on Mill Street	None	None	High on Wesbsterville Road and Sterling Hill Street and crossing Graniteville/Quarry Hill Road at intersection	Moderate
Utilities	No interaction	Portions in GMP transmission line ROW	Portions in GMP transmission line ROW	Possible interaction with water line on hillside east of Hannafords	Crosses transmission lines	Possible interaction with water line on hillside east of Hannafords	Adjacent overhead utilities may need to be relocated On Fairview Street	Overhead utilities adjacent to raodways may need to be modified.	Crosses transmission lines / requires relocaation of electrical junction box east of Prospect St. bridge	No interaction	May require relocation of existing overhead utility poles	Requiers use of transmission station property.	No interaction	May require relocation of existing overhead utility poles	Requires relocation of existing utility poles
bicyclis	yclist or pedestrian roonnections /		need to be on-road or realigned behind buildings / Use of sewer easement / Very	The switchbacks East of the park may remove most of the vegetation on the hillside / The unnamed drainage east of Sterling Hill Road will need to be crossed with a small bridge or culvert / sidewalks on the north side of Sterling Hill and Bridge Streets will remove small amounts of vegetation	Alignment through the woods needs to be planned to minimize impacts on propoerty owners		The existing topography, curves, and traffic volumes make bicycle travel and crossings on Prospect Street difficult. There is insufficient room to create a sidepath that would keep cicylists off the road	The connection at the north end to Brooklyn and Prospect Streets will need careful layout and signage.	Requires a new bridge over Stevens Branch south of Prospect St. Bridge	Steep slopes may require the construction of a wooden boardwalk extending out from the hillside	Configuring on road facilities and a sidewalk on Mill St. will be challenging / The sidepath along Main St needs extremely good signage and layout / the routing through the Main St. Ayers St. intersection is important		The existing mowed path appears to meet ADA requirements, but will need to be wider	Sidewalk alignment has already been studied	Will require modifications to bridge widening plans.

* Crosswalks include bicycle crossings to convert between on road facilities to off road facilities

* Crosswalks include bicycle crossings to convert between on road facilities to off road facilities

able 2: Cost Estimate (Part A)

7	UNIT	QUANT	UNIT PR.	COST
10' Wide Paved Path	LF	875	\$175	\$153,125
	i	Š	Phase Total =	\$153,125
Project Engineering (15%) Municipal Project Manager (5%) Construction Engineering (10%) Constructor (15%)				\$22,969 \$7,656 \$15,313 \$23,969
(a/Cr) (arganico			Phase Subtotal	\$222,031
de Phase (Barre Town School to Silver C				
4' Road Widening for Bike Lane along Town Roads	H :	1025	\$45	\$46,125
oncrete Staewarks along 1 own Saved Parh	i i	825	\$175	\$144.375
Road	EA	1	\$500	\$500
nool Driveway Crossing (Markings	EA	П	\$100	\$100
			Phase Subtotal	\$242,350
Project Engineering (15%) Municipal Project Manager (5%) Construction Engineering (10%) Contingency (15%)				\$36,353 \$12,118 \$24,235 \$36,353
			Phase Total	\$351,408
Blue Phase (Silver Circle to Sterling Hill Road) 10' Wide Paved Path in Wooded Area	LF	3,375	\$175	\$590,625
10' Wide Paved Path in Wooded Area with Steep Slopes	LF	1,000	\$525	\$525,000
			Phase Subtotal	\$1,115,625
Project Engineering (15%) Municipal Project Manager (5%) Construction Engineering (10%) Contingency (15%)				\$167,344 \$55,781 \$111,563 \$167,344
			Phase Total	\$1,617,656
Yellow Phase (Sterling Hill Road to End of Barre Town/C) 5' Wide Concrete Sidewalks alone Town Roads	ity Path)	1750	\$50	\$87.500
y Widening for Bike I and along	Щ	525	545	\$23,625
oute 14 Road Crossing (Signs and Ma	EA II	<u> </u>	\$500	\$500
g Hill Road Crossing (Markings	EA	-	\$100	\$100
			Phase Subtotal	\$111,725
Project Engineering (15%) Municipal Project Manager (5%) Construction Engineering (10%) Contingency (15%)				\$16,759 \$5,586 \$11,173 \$16,759
			Phase Total	\$162,001
Phase (P				
le Paved F	LF	800	\$175	\$140,000
New Striping for Bike Lanes along City Streets	Ţ	435	\$5 Phase Subtotal	\$2,175 \$142,175
Project Engineering (15%) Municipal Project Manager (5%)				\$21,326
Construction Engineering (10%) Contingency (15%)				\$14,218 \$21,326
			Phase Total	\$206,154
Grey Phase (Mill Street to Merchants Row)				
5' Wide Concrete Sidewalks along City Streets	LF	1,400	\$50	\$70,000
10' Wide Paved Path	H H	1,975	\$175	\$345,625
10 Wide Paved Path with Steep Slopes Side Path	i i	225	\$525	\$301,875
4' Widening for Bike Lanes on City Street	LF	1,400	\$45	\$63,000
Brooklyn Street Crossing	EA	2	\$500	\$1,000
Pedestrian Truss Bridge over Stream at South End	LF	9	\$1,600	\$104,000
Pedestrian Truss Bridge over River at North End	LF	9	\$1,600	\$104,000
			Phase Subtotal	\$1,028,875
Project Engineering (15%) Municipal Project Manager (5%) Construction Engineering (10%) Contingency (15%)				\$154,331 \$51,444 \$102,888 \$154,331
			Phase Total	\$1,491,869
Total Pref	ferred Path Align	nment Cons	truction Cost =	\$2,793,875
	Prefer	red Path Align	nent PE Cost =	\$419,081
To.	rtal Preferred Path. Total Preferred Pa	Path Alignmer ed Path Alienr	nt MPM Cost =	\$139,694
Total Pref	th A		ingency Cost =	\$419,081
		ALL PROJI	OVERALL PROJECT TOTAL =	\$4,051,119
		OVERAL	OVERALL CITY COST	\$1,698,023

OVERALL TOWN COST \$2,353,096

Table 2: Cost Estimate (Part B)

	UNIT	QUANT.	UNIT PR.	COST
High School Phase				
10' Wide Paved Path	LF	100	\$175	\$17,500
10' Wide Stone Dust Path	LF	1,400	\$160	\$224,000
Side Path	LF	150	\$175	\$26,250
New Striping for Bike Lanes along City Streets	LF	225	\$5	\$1,125
Pedestrian Truss Bridge over River	LF	75	\$1,600	\$120,000
			Phase Total =	\$388,875
Fort Dodo: do Tours of Divers				
East Parkside Terrace Phase				
4' Widening for Bike Lanes on City Street	LF	475	\$45	\$21,375
5' Wide Concrete Sidewalks along City Streets	LF	475	\$50	\$23,750
			Phase Total =	\$45,125
Town School Phase				
	T.F.	075	©4.77.5	\$4.52.4Q5
10' Wide Paved Path	LF	875	\$175	\$153,125
			Phase Total =	\$153,125
Short Cut Phase				
10' Wide Paved Path in Field	LF	525	\$175	\$91,875
			Phase Total =	\$91,875
Green Phase (VT 14)				
New Striping for Bike Lanes along City Streets	LF	1,475	\$5	\$7,375
			Phase Total =	\$7,375
B1 Alternative (Switchbacks)				
10' Wide Paved Path with Gabion Walls	LF	2,000	\$525	\$1,050,000

TABLE 3: Phase Summary Barre City and Barre Town Multi Use Path Conceptual Alignment Study January 6, 2011

	Purple Phase	Blue Phase	Yellow Phase	Tan Phase	Grey Phase	High School Phase	Town School Phase	Shortcut Phase	Green Phase	East Parkside Terrace Phase
Project Description Length	3,515	4,375	1,835	1,235	4,240	1,500	900	525	1,475	1,660
Length of New Sidewalk	1,575	0	1,850	0	1,400	0	0	0	0	475
Length of New Shared Use Path	1,825	4,375	0	1,285	2,775	550 LF	900	525	0	0
Type & Length of On-Road Facilities	1025 LF Bicycle Lanes 550 LF Wide Shoulders	0	1225 LF Shared Roadway 525 LF Wide Shoulders	1,285 LF Bicycle Lanes	1,400 LF Wide Shoulders	300 LF Bicycle Lanes	0	0	1,475 LF of Wide Shoulders	475 LF of Wide Shoulders 1,115 LF Bicycle Lanes
Number of Crosswalks* Length in ROW	5 1,650	0	4 1,835	2 1,285	3 1,625	2 700	0	0 50 LF	0 1,475	0 1,660
	3	9	0	0			0	1	0	0
Private Property Easements				.,	2	2		91	.,	.,
Significant Physical Constraints	Slopes on Websterville Road adjacent to the Cemeteries	Steep slopes west of Platinum Plain; grade changes between open fields south of Silver Circle; steep slopes near Sterling Hill Road	Houses close to Sterling Hill Road and Bridge Street	None	Steep slopes along Stevens Branch; un-named drainage gully east of Jail Branch confluence; electrical box on east side of Prospect Street Bridge	Crossing the Stevens Branch / Configuration of Main Street Soth - Ayers Street intersection	None	Slope	None	None
Environmental/Cultural C	Constraints No impact	No impact	No impact	No impact	Northern section clost to		No impact	No impact	No impact	No impact
Flood Plain					Stevens Branch floodplain - needs to be examined in detail as plans are developed	Potential impact				
Topography	No impact	Disurbance across steep slopes	No impact	Parkside Terrace existing slope is steep.	Disurbance across three sections of very steep slopes	No impact	No impact	No impact	No impact	No impact
Forest Impact	Impacts south of Websterville Road	Impacts in several locations	No impact	No impact	Impacts in several locations	No impact	No impact	No impact	No impact	No impact
Approximate Wetland Disturbance	No impact	No impact	No impact	No impact			No impact	No impact	No impact	No impact
Deer Yard Disturbance	No impact	No impact	No Impact	No impact	No impact	No impact	No impact	No Impact	No Impact	No Impact
Archeological Resources	Potential effect No adverse effect	Potential effect No adverse effect	No effect Potential adverse effect (Bridge	No effect No adverse effect	Potential effect Potential adverse effect	No effect	No effect Potential adverse effect	No effect No effect	No effect No effect	No effect No effect
Historic Resources		No known impact	Street house) No known impact		(Brooklyn Street houses)	No apparent adverse effect	(Brooklyn Street houses)			No known impact
Hazardous Material	No known impact	No known impact	No known impact	No known impact	No known impact	Possible impact - Transmission station	No known impact	No known impact	No known impact	No known impact
Project Attributes Meets Purpose and Need			Yes				Yes	Yes	Yes	Yes
Statement	Yes	Yes	103	Yes	Yes	Yes	103	103	103	103
Number of Unsignalized Commercial/Institutional	0	0	0	0	1	1	0	0	0	0
Driveways/Roadways										
Crossed by Sidepath	0	0	0	0	0	0	0	0	0	0
Number of Unsignalized Residential Driveways	0	0	0	U	U	0	U	0	0	0
Crossed by Sidepath										
Readily Serves All Age Groups and Users	Children, casual and experienced bicycle riders	Children cornel and experienced	Children, casual and experienced	Children casual and experienced	Children ground and ornagionard					
						Children, casual and experienced bicycle riders			May not serve small children	Children, casual and experienced bicycle riders
Interaction with Roadway Motor Vehicle Traffic	High along Websterville and	bicycle riders None	bicycle riders High on Sterling Hill Road and	bicycle riders Moderate on Parkside Terrace	bicycle riders Moderate - Brooklyn Street and	Children, casual and experienced bicycle riders Moderate at Main Street/Ayers	bicycle riders At school access drive and	Children, casual and experienced bicycle riders None	May not serve small children High on Rt. 14	Children, casual and experienced bicycle riders On East Parkside and Parkside
MOTOL VEHICLE TEATHE	Sterling Hill Roads and at Graniteville Road crossing	bicycle riders None	bicycle riders High on Sterling Hill Road and Bridge Street	bicycle riders	bicycle riders Moderate - Brooklyn Street and crossing Prospect Street	bicycle riders	bicycle riders At school access drive and Websterville Road crossings	bicycle riders None	High on Rt. 14	bicycle riders On East Parkside and Parkside Terrace
Utilities	Sterling Hill Roads and at Graniteville Road crossing	bicycle riders	bicycle riders High on Sterling Hill Road and Bridge Street	bicycle riders	bicycle riders Moderate - Brooklyn Street and	bicycle riders Moderate at Main Street/Ayers Street intersectoin and Ayers	bicycle riders At school access drive and	bicycle riders	· ·	bicycle riders On East Parkside and Parkside
	Sterling Hill Roads and at Graniteville Road crossing Crosses GMP transmission line; may require the relocation of	bicycle riders None Crossing GMP transmission line / crosses water main which may need to be reposition deeper	bicycle riders High on Sterling Hill Road and Bridge Street May require the relocation of several utility poles on Sterling Hill Road and one utility pole on	bicycle riders Moderate on Parkside Terrace	bicycle riders Moderate - Brooklyn Street and crossing Prospect Street Portions in or crossing GMP transmission line ROW / potential relocation of utility poles on Brooklyn Street / Requires relocaation of electrical junction box east of Prospect St.	bicycle riders Moderate at Main Street/Ayers Street intersectoin and Ayers Street Requiers use of transmission	bicycle riders At school access drive and Websterville Road crossings	bicycle riders None	High on Rt. 14	bicycle riders On East Parkside and Parkside Terrace
Utilities Initial Estimate of Probably Construction Costs	Sterling Hill Roads and at Graniteville Road crossing Crosses GMP transmission line; may require the relocation of	bicycle riders None Crossing GMP transmission line / crosses water main which may need to be reposition deeper	bicycle riders High on Sterling Hill Road and Bridge Street May require the relocation of several utility poles on Sterling Hill Road and one utility pole on	bicycle riders Moderate on Parkside Terrace	bicycle riders Moderate - Brooklyn Street and crossing Prospect Street Portions in or crossing GMP transmission line ROW / potential relocation of utility poles on Brooklyn Street / Requires relocaation of electrical junction box east of Prospect St.	bicycle riders Moderate at Main Street/Ayers Street intersectoin and Ayers Street Requiers use of transmission	bicycle riders At school access drive and Websterville Road crossings	bicycle riders None	High on Rt. 14	bicycle riders On East Parkside and Parkside Terrace
Utilities Initial Estimate of Probably	Sterling Hill Roads and at Graniteville Road crossing Crosses GMP transmission line; may require the relocation of	bicycle riders None Crossing GMP transmission line / crosses water main which may need to be reposition deeper near crossing	bicycle riders High on Sterling Hill Road and Bridge Street May require the relocation of several utility poles on Sterling Hill Road and one utility pole on Bridge Street Sterling Hil Road Sidewalk may need to be adjacent to	bicycle riders Moderate on Parkside Terrace No interaction	bicycle riders Moderate - Brooklyn Street and crossing Prospect Street Portions in or crossing GMP transmission line ROW / potential relocation of utility poles on Brooklyn Street / Requires relocaation of electrical junction box east of Prospect St. bridge Further Archeological work is needed prior to design work;	bicycle riders Moderate at Main Street/Ayers Street intersectoin and Ayers Street Requiers use of transmission	bicycle riders At school access drive and Websterville Road crossings	bicycle riders None	High on Rt. 14	bicycle riders On East Parkside and Parkside Terrace

Positive Considerations
Negative Considerations

 $^{* \} Crosswalks \ include \ bicycle \ crossings \ to \ convert \ between \ on \ road \ facilities \ to \ off \ road \ facilities$

Table 4: Potential Permit Requirements

PHASE	Water Quality	State Wetland Permit	ACOE Wetland Permit	Stormwater	Floodplain	Stream Disturbance	State Highway Access	Act 250	Utilty
	Certification						Permit		Permits/Relocation
Purple Phase	No	No	No	Yes	No	Possible (culvert	No	Yes	Yes
						Extension)			
Blue Phase	No	No	No	Yes	No	Possible	No	Yes	Yes
Yellow Phase	No	No	No	No	No	No	Yes	No	Yes
Tan Phase	No	No	No	No	No	No	No	Yes	No
Grey Phase	Yes	Possible	Possible	Yes	Yes	Yes	No	Yes	Yes
High School Phase	Yes	Possible	Possible	Yes	Yes	Yes	Yes	Yes	Yes
Town School Phase	No	No	No	No	No	No	No	Yes	No
Green Phase	No	No	No	No	No	No	Yes	No	No
Shortcut Phase	No	No	No	No	No	No	No	No	No