TABLE A-3: Alternatives Analysis
Town of St. Albans
Conceptual Planning & Feasibility Study For Bicycle and Pedestrian Facilities
Janaury 12, 2014

	No Action	Alternative #12a	Alternative #12b	Alternative #13	Alternative #14	Alternative #15	Alternative #16	Alternative #17a	Alternative #17b
		Ferris, Lincoln Upper Weldon and Thorpe with on-Road & Sidewalks, Thorpe Ave Extension Shared Use Path	Ferris, Lincoln & Upper Weldon with on-Road & Sidewalks, Shared Lanes on Thorpe Ave. & Thorpe Ave Extension Shared Use Path	Potter, Meadowbrook, Thhorpe & Sunset with Shared Use Paths as Links	Crosswalk on SASH at Route 7 Intersection	Bridge over SASH	Underpass beneasth SASAH	Crosswalk at Signalized Route 104 Intersection	Crosswalk at Route 104 Roundabout
Project Description									
Length	0	5,200 FT 4,100 FT Shared Lanes & 1,100 FT Shared Use Path	5,200 FT 4,100 FT Shared Lanes & 1,100 FT Shared Use Path	4,225 FT 3,200 FT Shared Lanes & 1,025 FT Shared Use Path	65 FT	175± FT	100± FT	70 FT	30 FT
Existing Roadway Width	NA	22 FT (19 FT Thorpe)	22 FT (19 FT Thorpe)	22 FT	NA	NA	NA	NA	NA
Proposed Roadway Width	NA	22 FT (19 FT Thorpe)	22 FT	22 FT	NA	NA	NA	NA	NA
Existing Sidewalk	NA	Yes except on Thorpe	Yes except on Thorpe	No	Yes	NA	NA	No	No
New Sidewalk	NA	Yes on Thorpe	No	No	No	NA	NA	No	No
Number of Road Crossings	NA	0	0	2	NA	0	0	1	1
Number of Culvert Extensions/Bridges	NA	1	1	0	0	0	0	0	0
Private Property Temporary Easements	0	Up to 13	0	1	0	0	0	0	0
Private Property Permanent Easements	0	1	1	1	0	0	0	0	0
Location and Respponsibility		City & Town	City & Town	Town	City	City (Town)	Town	Town	Town
Significant Physical Constraints		Access to BFA school via new path into campus to compliment stairs; no modificaiotns to Ferris, Lincoln or Upper Welden except addition of signs; new sidewalk added to Thorpe Avenue	Access to BFA school via new path into campus to compliment stairs; no modificaiotns to Ferris, Lincoln or Upper Welden except addition of signs; new sidewalk added to Thorpe Avenue	Separation between houses on curve of Potter Ave. & need to bring path from SASH ROW to Potter Ave; The use of undeveloped ROW between Meadowbrook Ln. and Thorpe Ave. Ext. and from Sunset Ter. to CP	The length of the crossing is long especially until a signal is added to the intersection	Existing grade allows bridge to be built without ramps leading up to it that rise above existing grade	Existing grade allows underpass to be built without ramps leading down to it		
Environmental/Cultural Constraints									
Disturbs Front Yards	No	Yes (Thorpe)	No	Yes	No	No	No	No	No
Disturbs Steep slopes	No	No	No	No	No	Yes	No	No	No
Affects Historic Resources	No	No	No	No	No	No	No	No	No
Adjacent to High Crash Areas	No	No	No	No	No	No	No	Yes	Yes
Disturbs Utilities	No	No	No	No	No	No	No	No	No
Has ADA Issues	No	No	No	No	No	Yes	No	No	No
Disturbs Street Trees	No	Yes (Thorpe)	Yes (Thorpe)	No	No	No	No	No	No
Disturbs Flood Plain	No	No	No	No	No	No	No	No	No
Disturbs Hazardous Material	No	No	No	No	No	No	No	No	No
Project Attributes									
Meets Purpose and Need Statement by Itself	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Types of Users Served	Experienced Bicyclists	Possibly All Users	Possibly All Users	Possibly All Users	Possibly All Users	Possibly All Users	Possibly All Users	Possibly All Users	Possibly All Users
Separates Motorized and Non-Motorized Users	No	No	No	No	No	Yes	Yes	No	No
Provides Access to Alternate Destination	No	No	No	No	NA	NA	NA	NA	NA
Order of Magnitude Cost	$0	$385,000	$425,000	$406,500	$15,000	$800,000	$900,000	$15,000	Included in Roundabout
Other Issues									
General Comments		Thorpe Avenue remains at the same width but a sidewalk is added on one side	Thorpe Avenue is widened to be the same width as other streets in the Alternative	The south side route is a combination of on-road walking and riding and shared use paths. The change from one facility to the other occurs at corners for safe non-motorized transitions. Could be considered out of the way					
Positive Considerations									
Negative Considerations									