

Middlebury Pedestrian Planning Study, Boardman Street to Hannaford Plaza: Evaluation Matrix

	Alt. 1	Alt. 2	Alt. 3	Alt. 4	Alt. 5	Alt. 6	No Build
	5' curbed sidewalk on north w/ pedestrian access to apartment complex	5' sidewalk with green strip on north w/ pedestrian access to apartment complex	8' shared use path on north w/ pedestrian access to apartment complex	5' sidewalk on south transitioning to 5' sidewalk with green strip on north	5' curbed sidewalk on south	5' sidewalk on south beginning along existing path alignment and transitioning to curbed sidewalk	
<b>PROJECT GOALS</b>							
Improved Pedestrian Safety	yes	yes	yes	yes	yes	yes	no improvement
<b>PROJECT COSTS</b>							
Construction	\$460,000	\$890,000	\$1,060,000	\$1,390,000	\$530,000	\$590,000	\$0
Engineering Design + Resident Engineer	\$170,000	\$320,000	\$380,000	\$500,000	\$190,000	\$210,000	\$0
Total Project Costs (excluding ROW)	\$630,000	\$1,210,000	\$1,440,000	\$1,890,000	\$720,000	\$800,000	\$0
<b>LAND USE and LOCAL CONTEXT</b>							
ROW and Utility impacts	minor	minor	potential	potential	unlikely	unlikely	-
Local Context (drive crossings, local input, etc.)	improved, 1 drive	improved, 1 drive	improved, 1 drive	improved, 1 drive	drive crossings, potential concern of drive in front of car dealership		no improvements
<b>ENVIRONMENTAL / CULTURAL</b>							
Floodplains	-	-	-	-	-	-	-
Fish & wildlife	-	-	minor	-	-	-	-
Wetlands	unlikely/minor	unlikely/minor	potential	unlikely/minor	unlikely/minor	unlikely/minor	-
R/T/E Species; Wildlife; Conservation Areas	state endangered animal within project area	state endangered animal within project area	state endangered animal within project area	state endangered animal within project area	Middlebury Area Land Trust is adjacent to road ROW on south side at eastern end, but no anticipated impact. State endangered animal within project area.		-
Archaeological / Historic	unlikely	potential	potential	potential	-	-	-
Public Lands (Section 4f)	-	-	-	-	-	-	-
LWCF (Section 6(f))	-	-	-	-	-	-	-
Agricultural lands	----- prime statewide soil -----						-
Hazardous waste sites	-	-	-	-	car dealership shows as a hazardous site in GIS, but no anticipated impact		-
<b>PERMITTING</b>							
NEPA	----- Categorical Exclusion -----						-
Section 404 (wetlands) / State Wetlands Permit	potential	potential	potential	potential	potential	potential	-
Section 401 Water Quality	-	-	-	-	-	-	-
Stream Alteration Permit	----- likely for all alternatives -----						-
Construction Phase Stormwater Permit	----- unlikely -----						-
Operational Phase Stormwater Permit	----- unlikely -----						-
Lakes & Ponds	-	-	-	-	-	-	-
R, T, E Species	----- no permit likely to be needed -----						-
Section 1111 Permit	----- yes -----						-

Points Value Per Criteria	Alt. 1 5' curbed sidewalk on north w/ pedestrian access to apartment complex	Alt. 2 5' sidewalk with green strip on north w/ pedestrian access to apartment complex	Alt. 3 8' shared use path on north w/ pedestrian access to apartment complex	Alt. 4 5' sidewalk on south transitioning to 5' sidewalk with green strip on north	Alt. 5 5' curbed sidewalk on south	Alt. 6 5' sidewalk on south beginning along existing path alignment and transitioning to curbed sidewalk	No Build	Total Possible Points (per category and criteria)
PROJECT GOALS (total points per category)	25	25	25	25	25	25	0	25
Improved Pedestrian Safety	25	25	25	25	25	25	0	25
PROJECT COSTS (total points per category)	25	13	11	8	22	20	25	25
Total Project Cost	\$630,000	\$1,210,000	\$1,440,000	\$1,890,000	\$720,000	\$800,000		
Project Cost / Lowest Cost Alternative	100%	192%	229%	300%	114%	127%		
Points Factor for Cost	1.00	52%	44%	0.33	88%	79%		
Total Project Costs (excluding ROW)	25	13	11	8	22	20	25	25
LAND USE AND LOCAL CONTEXT (total points per category)	24	24	21	23	15	15	5	25
ROW and Utility impacts	4	4	1	3	5	5	5	5
Local Context (drive crossings, local input, etc.)	20	20	20	20	10	10	0	20
ENV'L / CULTURAL (total points per category)	13.0	12.0	8.5	16.0	13.0	13.0	12.0	15
Floodplains	2	2	2	2	2	2	2	2
Fish & wildlife	1	1	0.5	1	1	1	1	1
Wetlands	2	2	1	2	2	2	1	3
R/T/E Species; Wildlife; Conservation Areas	1	1	1	1	1	1	1	2
Archaeological / Historic	3	2	0	2	3	3	3	3
Public Lands (Section 4f)	1	1	1	5	1	1	1	1
LWCF (Section 6(f))	1	1	1	1	1	1	1	1
Agricultural lands	1	1	1	1	1	1	1	1
Hazardous waste sites	1	1	1	1	1	1	1	1
PERMITTING (total points per category)	6.0	6.0	5.5	6.0	6.0	6.0	10.0	10
NEPA	0.5	0.5	0.5	0.5	0.5	0.5	1	1
Section 404 (wetlands) / State Wetlands Permit	0.5	0.5	0	0.5	0.5	0.5	1	1
Section 401 Water Quality	1	1	1	1	1	1	1	1
Stream Alteration Permit	0	0	0	0	0	0	1	1
Construction Phase Stormwater Permit	1	1	1	1	1	1	1	1
Operational Phase Stormwater Permit	1	1	1	1	1	1	2	2
Lakes & Ponds	1	1	1	1	1	1	1	1
R, T, E Species	1	1	1	1	1	1	1	1
Section 1111 Permit	0	0	0	0	0	0	1	1
TOTAL POINTS PER ALTERNATIVE	93	80	71	78	81	79	52	100
RANKING OF ALTERNATIVES BASED ON POINTS	1	3	6	5	2	4	7	