

Capitol Region East Coast Greenway Gap Study

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DRAFT East Hartford Evaluation Matrix - July, 13, 2023

Criteria	Available Points	EH-C-1	EH-C-2	EH-C-3	EH-C-4	EH-C-5	EH-C-6	EH-C-7	EH-C-8	EH-C-9	EH-C-10	EH-C-11	EH-C-12	EH-C-13	EH-C-14	EH-C-15	EH-C-16	EH-N-1	EH-N-2	EH-S-1	EH-S-2	EH-S-3	EH-S-4
		C1-Score	C2-Score	C3-Score	C4-Score	C5-Score	C6-Score	C7-Score	C8-Score	C9-Score	C10-Score	C11-Score	C12-Score	C13-Score	C14-Score	C15-Score	C16-Score	N1-Score	N2-Score	S1-Score	S2-Score	S3-Score	S4-Score
		Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
Off-Road	30.00	20.6	24.6	26.9	23.2	21.5	25.4	27.8	24.1	21.6	22.3	23.8	20.2	24.5	21.0	15.9	19.2	20.3	24.1	20.3	22.3	21.0	23.1
Traffic Safety	30.00	10.3	17.5	27.3	20.2	12.9	20.1	30.0	22.8	7.6	11.2	17.5	10.3	21.1	13.9	0.0	20.1	9.1	14.9	15.6	15.6	19.0	19.0
Connectivity	30.00	8.8	12.7	11.6	7.3	8.1	12.0	10.9	6.6	14.4	14.0	13.3	9.0	12.9	8.5	11.8	9.8	19.4	20.8	16.1	15.2	17.1	16.2
Equity	30.00	11.6	14.5	14.2	12.1	11.5	14.4	14.1	11.9	17.4	17.6	17.2	15.1	17.4	15.3	14.3	10.4	9.0	12.7	26.7	30.0	26.2	29.6
Environment	20.00	15.5	15.7	16.2	15.4	15.5	15.7	16.2	15.4	15.8	15.8	16.3	15.5	16.3	15.5	18.7	18.6	5.3	0.0	14.8	12.6	14.8	12.6
Personal Security	10.00	5.5	4.6	4.5	5.4	5.3	4.4	4.3	5.2	4.5	4.5	4.4	5.3	4.4	5.3	6.0	5.4	7.4	6.2	4.1	2.5	4.2	2.6
Right-of-Way	10.00	4.9	6.0	8.8	7.6	6.1	7.3	10.0	8.8	3.1	2.3	5.8	4.6	5.0	3.8	0.0	5.6	3.7	5.6	4.2	7.1	4.2	7.2
Cost	10.00	5.4	9.1	9.2	5.0	5.6	9.3	9.5	5.2	9.8	9.5	10.0	5.8	9.7	5.4	5.5	5.3	0.0	0.2	2.9	6.0	4.8	7.9
Economic Opportunity																							
Total Score	170.00	82.6	104.7	118.8	96.2	86.5	108.7	122.7	100.1	94.2	97.2	108.3	85.8	111.3	88.9	72.2	94.5	74.2	84.5	104.7	111.3	111.5	118.2
Score Percent		49%	62%	70%	57%	51%	64%	72%	59%	55%	57%	64%	50%	65%	52%	42%	56%	44%	50%	62%	65%	66%	70%

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Criteria	Available Points	Scoring Rubric	EH-C-1	EH-C-2	EH-C-3	EH-C-4	EH-C-5	EH-C-6	EH-C-7	EH-C-8	EH-C-9	EH-C-10	EH-C-11	EH-C-12	EH-C-13	EH-C-14	EH-C-15	EH-C-16	EH-N-1	EH-N-2	EH-S-1	EH-S-2	EH-S-3	EH-S-4	
			C1-Score	C2-Score	C3-Score	C4-Score	C5-Score	C6-Score	C7-Score	C8-Score	C9-Score	C10-Score	C11-Score	C12-Score	C13-Score	C14-Score	C15-Score	C16-Score	N1-Score	N2-Score	S1-Score	S2-Score	S3-Score	S4-Score	
			Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
Off-Road																									
	15.00	Linear feet of fully separated facility (greater than 50ft) ft	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
	15.00	Proportion of fully separated facility (greater than 50ft) %	5.6	9.6	11.9	8.2	6.5	10.4	12.8	9.1	6.6	7.3	8.8	5.2	9.5	6.0	0.9	4.2	5.3	9.1	5.3	7.3	6.0	8.1	
Traffic Safety																									
	10.00	# of Driveway Crossings	5.0	5.3	8.3	7.9	6.7	7.1	10.0	9.7	2.1	2.1	5.0	4.7	5.0	4.7	0.0	6.7	3.3	5.3	5.9	5.9	6.6	6.6	
	10.00	# of At-Grade Roadway Crossings	3.6	7.9	9.3	5.0	4.3	8.6	10.0	5.7	4.3	5.0	5.7	1.4	6.4	2.1	0.0	6.4	3.6	7.1	5.0	5.0	6.4	6.4	
	10.00	Sum of ADT Crossed (default = 1,000 if no volume listed) (0-10)	1.7	4.3	9.8	7.2	1.9	4.5	10.0	7.4	1.3	4.2	6.8	4.2	9.7	7.1	0.0	6.9	2.3	2.4	4.7	4.7	6.0	6.0	
Connectivity																									
	5.00	Population within 1/4 Mile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0	5.0	
	5.00	Employment within 1/4 Mile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.9	5.0	5.0	5.0	5.0	
	3.00	Parks within 1/4 Mile	0.0	2.9	2.9	0.0	0.0	2.9	2.9	0.0	2.9	2.9	2.9	0.0	2.9	0.0	0.0	0.0	0.1	3.0	2.5	2.5	2.5	2.5	
	3.00	Commercial Area within 1/4 Mile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	3.0	3.0	0.0	0.0	0.0	0.0	
	5.00	Total Distance (non-circuitous)	4.5	4.3	4.4	4.4	4.6	4.3	4.4	4.4	4.2	4.1	4.3	4.3	4.2	4.2	4.8	5.0	3.9	2.5	0.2	0.0	0.6	0.4	
	3.00	Seasonal/Time of Day Closures	1.9	1.1	1.1	1.8	1.7	0.9	0.9	1.7	1.7	1.7	1.7	2.4	1.7	2.4	3.0	2.2	1.9	1.2	2.1	1.5	2.1	1.5	
	3.00	Transit Ridership	1.3	1.4	0.5	0.4	0.9	1.0	0.1	0.0	2.7	2.7	1.8	1.7	1.8	1.7	2.9	1.2	2.1	3.0	1.3	1.1	1.3	1.1	
	3.00	Elevation Gain	1.1	3.0	2.6	0.6	0.9	2.8	2.5	0.5	2.9	2.5	2.5	0.6	2.2	0.2	1.1	1.4	0.5	0.3	0.0	0.1	0.6	0.7	
Equity																									
	20.00	Equitable Transportation Community Data	11.6	14.5	14.2	12.1	11.5	14.4	14.1	11.9	17.4	17.6	17.2	15.1	17.4	15.3	14.3	10.4	0.0	3.6	16.7	20.0	16.2	19.6	
	10.00	EJ Population	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0	10.0	10.0	10.0	10.0	
Environment																									
	7.00	Linear feet of trail within 10-ft of wetlands	5.4	5.3	5.3	5.4	5.4	5.3	5.3	5.4	6.1	6.1	6.1	6.2	6.1	6.2	7.0	6.2	0.9	0.0	7.0	6.9	7.0	6.9	
	7.00	Linear distance of trail within 10ft of 100 year floodplain	5.3	5.1	5.4	5.0	5.3	5.1	5.4	5.0	5.7	5.7	6.0	5.5	6.0	5.5	7.0	6.4	2.8	0.0	5.0	3.9	5.0	3.9	
	6.00	Linear distance of trail that crosses NDDB Areas	4.9	5.3	5.6	5.1	4.9	5.3	5.6	5.1	4.0	4.0	4.3	3.8	4.3	3.8	4.7	6.0	1.6	0.0	2.8	1.9	2.8	1.9	
Personal Security																									
	4.00	Average Distance to Access/Egress point	2.8	1.6	1.2	2.5	2.5	1.3	0.9	2.1	2.0	2.0	1.6	2.9	1.6	2.8	4.0	3.3	2.9	1.6	2.1	0.2	2.0	0.0	
	2.00	Max Distance to Access/Egress Point	1.5	0.6	0.6	1.5	1.5	0.6	0.6	1.5	0.6	0.6	0.6	1.5	0.6	1.5	2.0	1.5	1.3	0.6	0.0	0.0	0.0	0.0	
	4.00	Aesthetic	1.2	2.4	2.7	1.5	1.3	2.5	2.8	1.6	1.9	2.0	2.2	1.0	2.2	1.1	0.0	0.6	3.2	4.0	2.0	2.3	2.2	2.6	
Right-of-Way																									
	10.00	Level of ROW Coordination	4.9	6.0	8.8	7.6	6.1	7.3	10.0	8.8	3.1	2.3	5.8	4.6	5.0	3.8	0.0	5.6	3.7	5.6	4.2	7.1	4.2	7.2	
Cost																									
	10.00	Total Length to be Constructed	5.4	9.1	9.2	5.0	5.6	9.3	9.5	5.2	9.8	9.5	10.0	5.8	9.7	5.4	5.5	5.3	0.0	0.2	2.9	6.0	4.8	7.9	
Economic Opportunity																									
Total Score																									
	170.00		82.6	104.7	118.8	96.2	86.5	108.7	122.7	100.1	94.2	97.2	108.3	85.8	111.3	88.9	72.2	94.5	74.2	84.5	104.7	111.3	111.5	118.2	
			49%	62%	70%	57%	51%	64%	72%	59%	55%	57%	64%	50%	65%	52%	42%	56%	44%	50%	62%	65%	66%	70%	

Order	Alignment	Overall Score	Area	Description
7	EH-C-7	123	Silver Lane	<ul style="list-style-type: none"> • Clement Road / Roberts Street Grade Separated Crossing • Silver Lane Access and Crossing at Mercer Ave • Silver Lane Sidepath - South side • Rte 15 ROW (Exit 91) with Grade Separated Crossing of Main Street • Route 15 Utility Access to Riverfront Trail • Riverfront to Founders Bridge (New Ramp to Bridge)
3	EH-C-3	119	Silver Lane	<ul style="list-style-type: none"> • Clement Road / Roberts Street Grade Separated Crossing • 320 Silver Lane Access (P&W) • Silver Lane Sidepath - South side • Rte 15 ROW (Exit 91) with Grade Separated Crossing of Main Street • Route 15 Utility Access to Riverfront Trail • Riverfront to Founders Bridge (New Ramp to Bridge)
22	EH-S-4	118	Brewer Street	<ul style="list-style-type: none"> • Simmons Road to CT BLVD Existing Sidepath - East Side • National Development Access Road to Contractors Road Signal • Brewer Street Sidepath (TBD) • W Brewer St to Riverside Magnet School Sidepath - West Side • Riverside Drive Sidepath - East Side • Riverfront to Founders Bridge (New Ramp to Bridge)
21	EH-S-3	111	Brewer Street	<ul style="list-style-type: none"> • Simmons Road to CT BLVD Existing Sidepath - East Side • P&W Access Road to Simmons Road • Brewer Street Sidepath (TBD) • W Brewer St to Riverside Magnet School Sidepath - West Side • Riverside Drive Sidepath - East Side • Riverfront to Founders Bridge (New Ramp to Bridge)
20	EH-S-2	111	Brewer Street	<ul style="list-style-type: none"> • Simmons Road to CT BLVD Existing Sidepath - East Side • National Development Access Road to Contractors Road Signal • Brewer Street Sidepath (TBD) • Goodwin Univ BTAM Connection via Pent Road • Riverside Drive Sidepath - East Side • Riverfront to Founders Bridge (New Ramp to Bridge)
13	EH-C-13	111	Silver Lane	<ul style="list-style-type: none"> • Silver Lane Sidepath - South side • East Hartford Blvd Grade Separated Crossing • Rte 15 ROW (Exit 91) with Grade Separated Crossing of Main Street • Route 15 Utility Access to Riverfront Trail • Riverfront to Founders Bridge (New Ramp to Bridge)
6	EH-C-6	109	Silver Lane	<ul style="list-style-type: none"> • Clement Road / Roberts Street Grade Separated Crossing • Silver Lane Access and Crossing at Mercer Ave • Silver Lane Sidepath - South side • Route 15 Utility Access to Riverfront Trail • Riverfront to Founders Bridge (New Ramp to Bridge)
11	EH-C-11	108	Silver Lane	<ul style="list-style-type: none"> • Silver Lane Sidepath - South side • East Hartford Blvd At-Grade Crossing • Rte 15 ROW (Exit 91) with Grade Separated Crossing of Main Street • Route 15 Utility Access to Riverfront Trail • Riverfront to Founders Bridge (New Ramp to Bridge)
19	EH-S-1	105	Brewer Street	<ul style="list-style-type: none"> • Simmons Road to CT BLVD Existing Sidepath - East Side • P&W Access Road to Simmons Road • Brewer Street Sidepath (TBD) • Goodwin Univ BTAM Connection via Pent Road • Riverside Drive Sidepath - East Side • Riverfront to Founders Bridge (New Ramp to Bridge)
2	EH-C-2	105	Silver Lane	<ul style="list-style-type: none"> • Clement Road / Roberts Street Grade Separated Crossing • 320 Silver Lane Access (P&W) • Silver Lane Sidepath - South side • Route 15 Utility Access to Riverfront Trail • Riverfront to Founders Bridge (New Ramp to Bridge)
8	EH-C-8	100	Silver Lane	<ul style="list-style-type: none"> • Clement Road / Roberts Street Grade Separated Crossing • Silver Lane Access and Crossing at Mercer Ave • Silver Lane Sidepath - South side • Rte 15 ROW (Exit 91) with Grade Separated Crossing of Main Street • Hockanum River Road Access to Pitkin
10	EH-C-10	97	Silver Lane	<ul style="list-style-type: none"> • Silver Lane Sidepath - South side • East Hartford Blvd Grade Separated Crossing • Route 15 Utility Access to Riverfront Trail • Riverfront to Founders Bridge (New Ramp to Bridge)
4	EH-C-4	96	Silver Lane	<ul style="list-style-type: none"> • Clement Road / Roberts Street Grade Separated Crossing • 320 Silver Lane Access (P&W) • Silver Lane Sidepath - South side • Rte 15 ROW (Exit 91) with Grade Separated Crossing of Main Street • Hockanum River Road Access to Pitkin
16	EH-C-16	94	Silver Lane	<ul style="list-style-type: none"> • Clement Road / Roberts Street Grade Separated Crossing • Silver Lane Sidepath - North side • Main Street Sidepath to Pitkin - East Side • Pitkin Street Sidepath to Founders Bridge Ramp - South Side
9	EH-C-9	94	Silver Lane	<ul style="list-style-type: none"> • Silver Lane Sidepath - South side • East Hartford Blvd At-Grade Crossing • Route 15 Utility Access to Riverfront Trail • Riverfront to Founders Bridge (New Ramp to Bridge)
14	EH-C-14	89	Silver Lane	<ul style="list-style-type: none"> • Silver Lane Sidepath - South side • East Hartford Blvd Grade Separated Crossing • Rte 15 ROW (Exit 91) with Grade Separated Crossing of Main Street • Hockanum River Road Access to Pitkin
5	EH-C-5	86	Silver Lane	<ul style="list-style-type: none"> • Clement Road / Roberts Street Grade Separated Crossing • Silver Lane Access and Crossing at Mercer Ave • Silver Lane Sidepath - South side • Hockanum River Road Access to Pitkin
12	EH-C-12	86	Silver Lane	<ul style="list-style-type: none"> • Silver Lane Sidepath - South side • East Hartford Blvd At-Grade Crossing • Rte 15 ROW (Exit 91) with Grade Separated Crossing of Main Street • Hockanum River Road Access to Pitkin
18	EH-N-2	84	Hockanum River	<ul style="list-style-type: none"> • Simmons/Hillside Sidepath • Hockanum River Boardwalk Upgrade • Central Ave Streetscape • Main Street Sidepath - East Side • Route 15 Utility Access to Riverfront Trail • Riverfront to Founders Bridge (New Ramp to Bridge)
1	EH-C-1	83	Silver Lane	<ul style="list-style-type: none"> • Clement Road / Roberts Street Grade Separated Crossing • 320 Silver Lane Access (P&W) • Silver Lane Sidepath - South side • Hockanum River Road Access to Pitkin
17	EH-N-1	74	Hockanum River	<ul style="list-style-type: none"> • Simmons/Hillside Sidepath • Hockanum River Boardwalk Upgrade • Central Ave Streetscape • Main Street Sidepath - East Side • Pitkin Street Sidepath to Founders Bridge Ramp - South Side
15	EH-C-15	72	Silver Lane	<ul style="list-style-type: none"> • Silver Lane Sidepath - South side • East Hartford Blvd Grade Separated Crossing • Main Street Sidepath to Pitkin - East Side • Pitkin Street Sidepath to Founders Bridge Ramp - South Side