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# **Appendix B**

## **Alternatives Evaluation**

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Alternatives Evaluation Criteria				
Category	Criteria	Measure(s)	Points	Point Description
Cost	Ownership	Ownership	5	Publicly owned
			3	Utility owned
			-2	Privately owned
Cost	Required ROW	Amount of ROW	5	Low
			3	Medium
			-2	High
Cost	Trail Construction Barriers	Miscellaneous Barriers	-3	Dangerous road crossing
			-4	Bridge needed
			-5	Roadway realignment
			-2	Other misc. (provide details)
Connections	Public Transportation	Proximity to HART Stops	5	15 or more within 0.25 miles
			3	5-14 within 0.25 miles
			1	0-5 within 0.25 miles
			-1	None within 0.25 miles
Connections	Schools	Proximity to Public Schools	#	# schools < 0.25 mile
			-1	No schools < 0.25 miles
Connections	Healthy Food	Proximity to Healthy Food Source	#	# Grocery stores within 0.25 miles
			-1	No grocery stores within 0.25 miles
Connections	Community Facilities	Proximity to Community Facilities	5	< 0.25 miles
			3	Between 0.5 and 1 mile
			0	1 mile or greater
Connections	Parks and Natural Lands	Proximity to Greenway or Park	#	# parks within 0.25 mile
			-1	no parks within < 0.25 miles
Connections	Population Served	Population Density	5	High Density
			3	Moderate Density
			1	Low Density
Equity	Equity	Proximity to EJ Areas	5	High (90th percentile and above)
			3	Between 70th and 90th percentile
			0	Between 50th and 70th percentile
			-2	Below 50th percentile
Experience	Trail Scenery	Surrounding Area Aesthetics	5	Mostly shaded/canopy
			3	Some shade/canopy
			-2	No shade/canopy
			2	Other scenic element (water?)
Experience	Trail Comfort	Adjacent/Surrounding Land	5	Not adjacent to a roadway
			3	Roadway speeds > 25 MPH
			1	Roadway speeds between 26 - 35 MPH
			-2	Roadway speeds 36 MPH +
Safety	Bike/Ped Crashes	Proximity to Crash Areas Bike/Ped Crashes	1	High crash area (10 or more crashes)
			3	Moderate crash area (5-10)
			5	Low crash area (less than 5)

### Alternative Evaluation Criteria Definitions

Criteria	Term	Definition
Ownership	Publicly Owned	Owned by a public entity such as Hillsborough County, State of FL, etc.
	Utility Owned	Owned by a utility company (TECO).
	Privately Owned	Owned by private citizens.
ROW Required	Right-of-Way Required	The amount of land required to build a 12' multi-use path at this location on a qualitative low, medium, high scale.
Trail Construction Barriers	Road Crossing	Enhanced road crossing needed
	Bridge Crossing	Bridge/overpass crossing needed
	Roadway Realignment	Existing roadway needs to be shifted/realigned to accommodate trail.
	Miscellaneous Barrier	Additional uncategorized barrier.
Public Transportation	HART Stop	Straight-line distance from trail to HART stop.
Schools	Public Schools	K-12 public schools.
Healthy Food	Healthy Food Source	Results via google search in the area.
Community Facility	Community Facility	Identified community centers including libraries and medical facilities that are not a school or park.
Parks and Natural Land	Greenway or Park	As identified within the Hillsborough County parks and recreation layer.
Population Served	Population Density	Population per square mile (2011-2015 ACS); EJSCREEN, quantile breaks (3)
Equity	Environmental Justice (EJ) Areas	EJ screen demographic index state percentiles
Trail Scenery	Surrounding Area Aesthetics	The goal of this category is to gauge the desirability of the trail location based on tree canopy/shade or other aesthetic features.
Trail Comfort/Characteristics	Adjacent/Surrounding Area	If the trail adjacent to a busy roadway, a low traffic roadway, or secluded through a natural area.
Safety	Crash Locations	Proximity to bike/ped crash locations in past 5 years.

Alternatives Evaluation Results								
Criteria	Max Score	S1	S2	C1	C2	N1	N2	N3
Ownership	5	-2	3	3	1	-2	1	1
ROW	5	5	3	-2	-2	3	3	1
Construction Barriers	-5	-5	-4	0	-2	-4	-4	-2
Public Transportation	5	5	5	1	-1	1	5	5
Schools	4	-1	1	2	1	3	4	3
Healthy Food	3	2	-1	2	-1	-1	3	4
Community Facilities	5	0	0	0	0	0	5	5
Parks/Natural Lands	3	3	-1	1	1	2	1	2
Trail Scenery	5	3	3	-2	-2	1	5	3
Comfort	5	-2	3	5	5	0	3	2
Safety	5	1	5	5	5	5	5	3
EJ	5	3	3	3	3	3	5	3
Population Density	5	2	3	1	1	2	4	2
<b>Total</b>	<b>50</b>	<b>14</b>	<b>23</b>	<b>19</b>	<b>9</b>	<b>13</b>	<b>40</b>	<b>32</b>