

Project: Hudson - Stow Rd Sidewalks
 Project #: R240249.00
 Prepared By: JES
 Reviewed By: SEG
 Approved By: ACR
 Date: 10/22/24



Recommendation:

Based on the above evaluation GAI's recommendation is for:

- 5' concrete sidewalk on the west side of Stow Rd - **Alternative No. 1**
- 8' asphalt trail on the west side of Stow Rd - **Alternative No. 2**
- 5' concrete sidewalk on the east side of Stow Rd - **Alternative No. 3**
- 8' asphalt trail on the east side of Stow Rd - **Alternative No. 4**

ALTERNATIVE RANKING MATRIX FOR STOW ROAD SIDEWALK PROJECT: BEGINNING AT RAVENNA ST/STOW RD INTERSECTION, TERMINATING AT SR-303/STOW RD INTERSECTION

RANKING CATEGORY	Weighting Factor ¹	ALTERNATIVE NO. 1: 5' SIDEWALK - WEST		ALTERNATIVE NO. 2: 8' TRAIL - WEST		ALTERNATIVE NO. 3: 5' SIDEWALK - EAST		ALTERNATIVE NO. 4: 8' TRAIL - EAST					
		Comments	Rank	Weighted Score	Comments	Rank	Weighted Score	Comments	Rank	Weighted Score			
Connectivity	5	62 homes are located within a 1/4 mile corridor to the west. Refer to exhibit for more detail.	3	15	62 homes are located within a 1/4 mile corridor to the west. Refer to exhibit for more detail.	3	15	65 homes are located within a 1/4 mile corridor to the west. Refer to exhibit for more detail.	4	20	65 homes are located within a 1/4 mile corridor to the west. Refer to exhibit for more detail.	4	20
Construction Cost	5	Least expensive Major costs: Concrete, storm sewers, temp. ROW	4	20	2nd Most Expensive Major costs: Asphalt, storm sewers, temp. ROW, permanent ROW, structural BMPs	2	10	2nd Least Expensive Major costs: Concrete, storm sewers, temp. ROW	3	15	Most Expensive Major costs: Asphalt, storm sewers, temp. ROW, permanent ROW, structural BMPs	1	5
Maintenance Cost	5	Design life~25-30 years	4	20	Design life~15-20 years	3	15	Design life~25-30 years	4	20	Design life~15-20 years	3	15
Estimated ROW Impacts	5	Temp. ROW: 24 parcels, 1.00 acre affected Perm. ROW: 1 parcel, 0.01 acre affected	4	20	Temp. ROW: 24 parcels, 1.00 acre affected Perm. ROW: 2 parcels, 0.02 acre affected May require additional ROW for structural BMPs	2	10	Temp. ROW: 23 parcels, 1.20 acres affected Perm. ROW: 1 parcels, 0.01 acres affected	4	20	Temp. ROW: 23 parcels, 1.32 acres affected Perm. ROW: 6 parcels, 0.05 acres affected May require additional ROW for structural BMPs	1	5
Safety	5	One road crossing: Canterbury Ln	4	20	One road crossing: Canterbury Ln	4	20	Two road crossings: Canterbury Ln, Ravenna St	2	10	Two road crossings: Canterbury Ln, Ravenna St	2	10
Utility Impact	5	Pole relocation - min. 3 poles, Possible gas line relocation - approx. 3,000 LF	4	20	Pole relocation - min. 3 poles, Possible gas line relocation - approx. 3,000 LF	3	15	Pole relocation - up to 15 poles Possible gas line relocation - approx. 3,300 LF Possible impacts to fiber optic line	2	10	Pole relocation - up to 28 poles Possible gas line relocation - approx. 3,300 LF Possible impacts to fiber optic line	1	5
Storm Water Quality	4	BMP requirements can likely be achieved using non-structural means.	4	16	Likely to require structural BMPs	1	4	BMP requirements can likely be achieved using non-structural means.	3	12	Likely to require structural BMPs	2	8
Schedule (Utility Relocation and Construction)	3	Similar construction timeframes, least utility coordination anticipated	4	12	Similar construction timeframes, 2nd least utility coordination anticipated	3	9	Similar construction timeframes, more utility coordination anticipated	2	6	Similar construction timeframes, significant utility coordination anticipated (most)	1	3
Wetland Impacts	2	No wetland impacts are anticipated in any Alternative. All items are scored evenly to account for this.	4	8	No wetland impacts are anticipated in any Alternative. All items are scored evenly to account for this.	4	8	No wetland impacts are anticipated in any Alternative. All items are scored evenly to account for this.	4	8	No wetland impacts are anticipated in any Alternative. All items are scored evenly to account for this.	4	8
TOTAL WEIGHTED SCORE				151			106			121			79