

# DISTRICT DEPARTMENT OF TRANSPORTATION

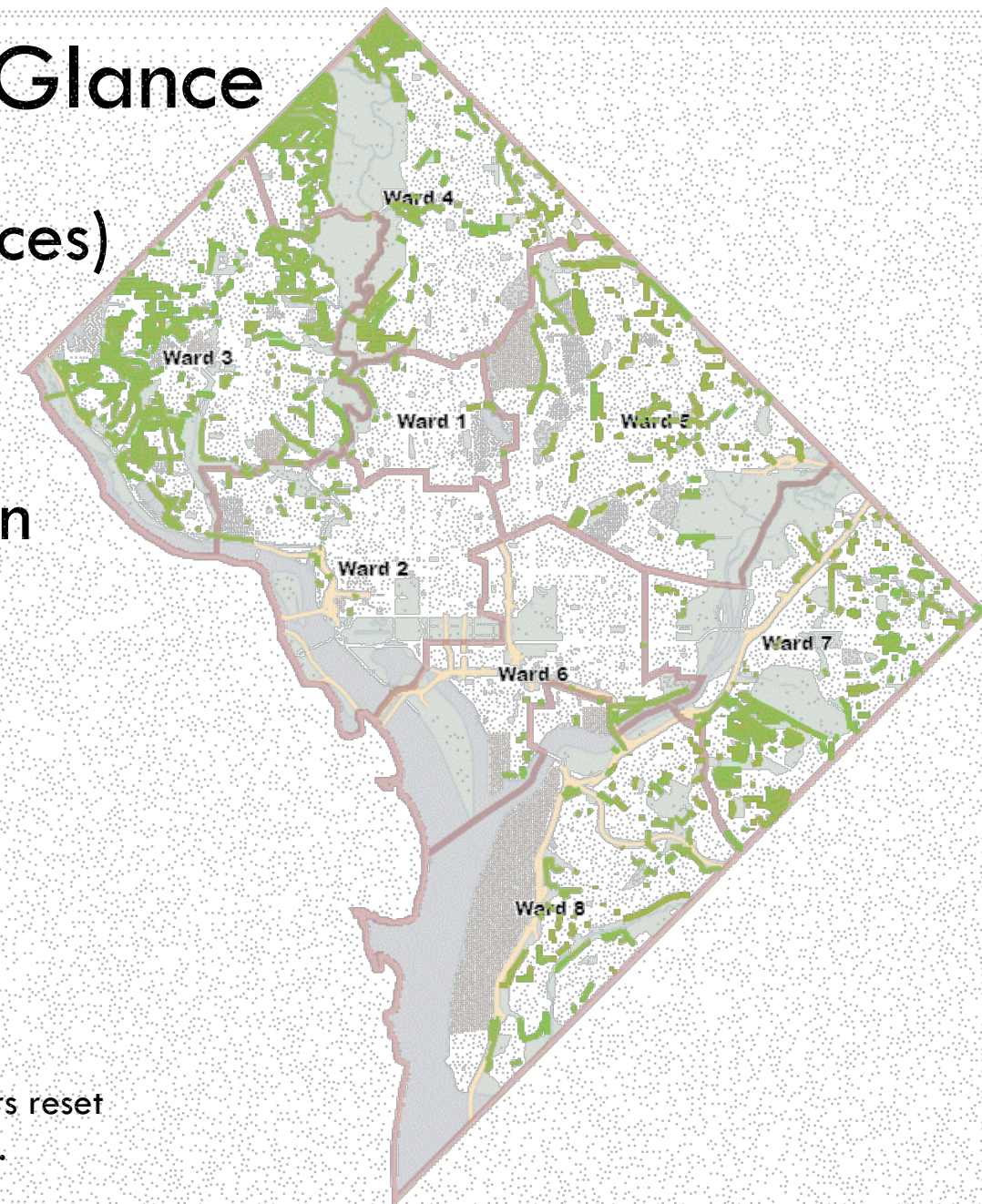
*Sidewalk Gap Program*

*Prioritization Process*

*George Branyan, Karyn McAlister*

# Sidewalk Gaps At A Glance

- 2,537 sidewalk gap segments (blockfaces)
- 232.77 total miles
- \$173 million total estimated construction costs
  - \$745,000 per sidewalk mile\*

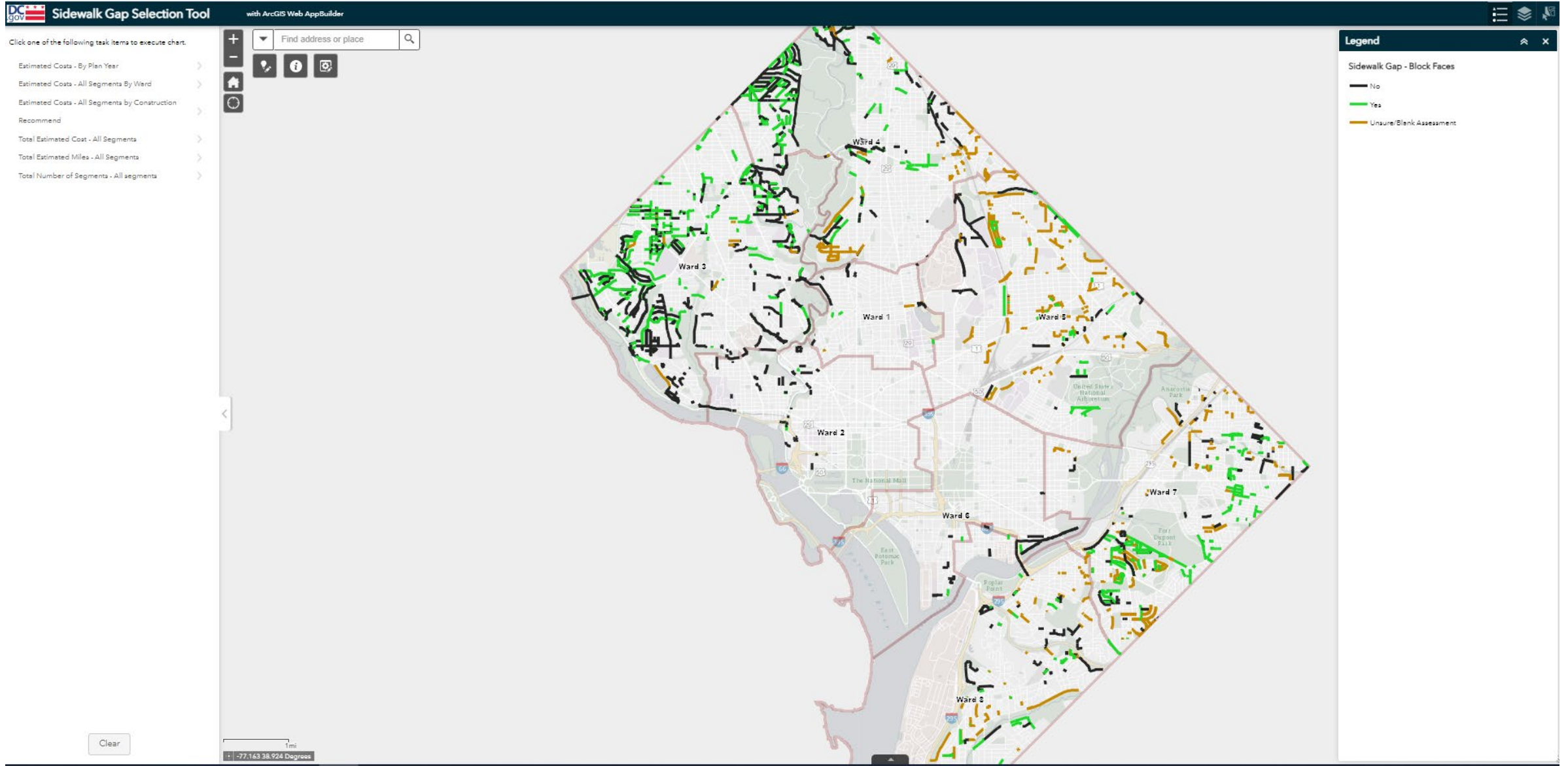


\*Includes 6' sidewalk, excavation, sod & topsoil, new ADA ramps (52), water meters reset (65), manholes reset (26), tree protection, mobilization, and maintenance of traffic.

# Sidewalk Gaps by Ward

Ward	# of Segments	Miles	Estimated Costs (millions)
1	30	2.84	\$2.1
2	59	5.18	\$3.8
3	787	78.16	\$58.2
4	533	49.62	\$36.9
5	370	34.08	\$25.3
6	30	3.18	\$2.3
7	523	41.36	\$30.8
8	205	18.54	\$13.8
<b>Total</b>	<b>2,537</b>	<b>232.77</b>	<b>\$173.4</b>

# Sidewalk Gap Selection Tool



# Sidewalk Gap Selection Tool – Attribute Table

DC.gov Sidewalk Gap Selection Tool with ArcGIS Web AppBuilder

Click one of the following task items to execute chart:

- Estimated Costs - By Plan Year
- Estimated Costs - All Segments By Ward
- Estimated Costs - All Segments by Construction
- Recommend
- Total Estimated Cost - All Segments
- Total Estimated Miles - All Segments
- Total Number of Segments - All segments

Find address or place

Legend

Sidewalk Gap - Block Faces

- No
- Yes
- Unsure/Blank Assessment

1mi  
-77.193 38.937 Degrees

Sidewalk Gap - Block Faces

Options Filter by map extent Zoom to Clear selection Refresh

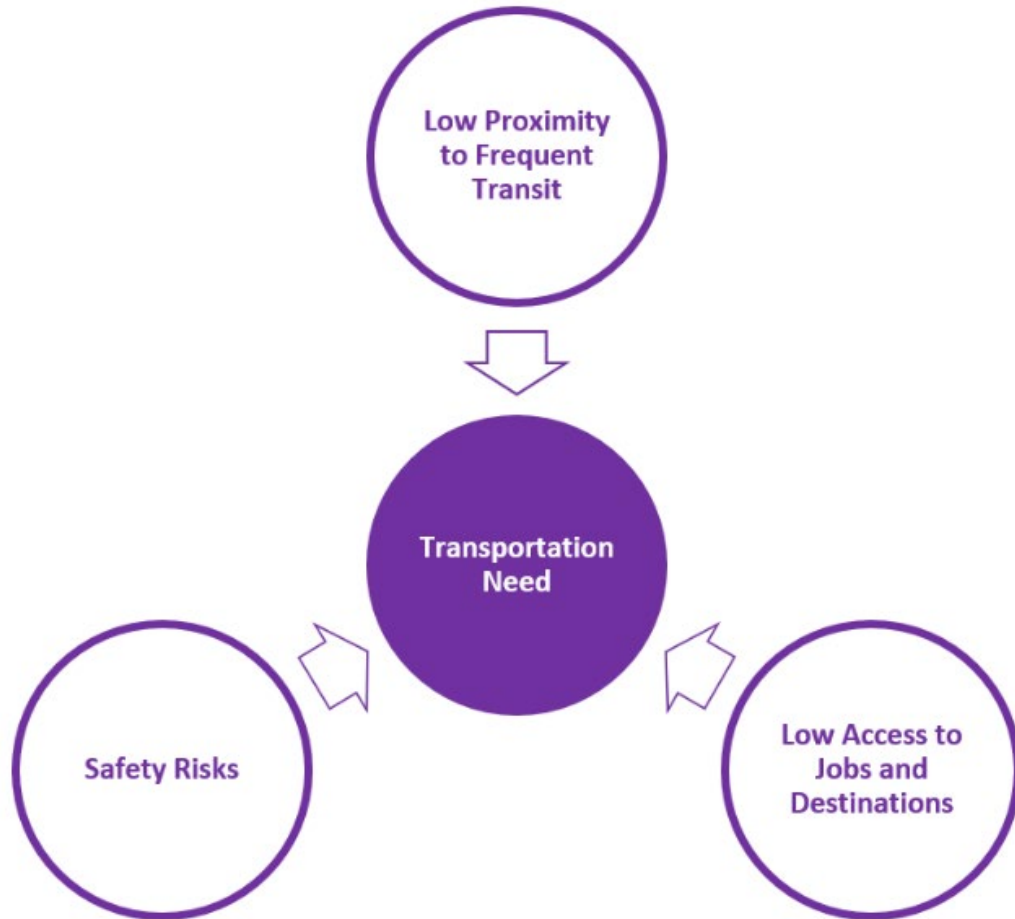
Route Name	WARD_ID	ANC_ID	Mile	Sidewalk Construction Index	Estimated Costs	Sidewalk Gap Identified	Complexity - Topography/Slope	Complexity - Vegetation/Tree	Complexity - Utilities	Construction Recommended(Y/N)?	Notes - Field Scoping	Sidewalk Gap Plan Year	Assign to IPMA or AMT	Sidewalk Manager Notes	Attachments
EASTERN AVENUE	7	7C	0.11	8.20	79,713	Yes, sidewalk gap confirmed	Medium Complexity	High Complexity	Low Complexity	Yes	Ownership of parcel on this side may be in question.				0
SOUTHERN AVENUE	7	7C	0.09	8.20	64,483	Yes, sidewalk gap confirmed	Medium Complexity	High Complexity	Low Complexity	No	Some issues with heavily overgrown parcel here. Property ownership may also need to be determined.			7/12/23:Erroneous ranking and should not be top priority. The segment is not truly an arterial or on the Hill.	0
SOUTHERN AVENUE	7	7C	0.04	8.20	31,825	Yes, sidewalk gap confirmed	Low Complexity	Low Complexity	Low Complexity	No	Traffic island			7/12/23:Erroneous ranking (arterial and HIN) and should not be a top priority.	0
NORTH CAPITOL ST BN	5	5A	0.34	7.90	253,268	Yes, sidewalk gap confirmed	High Complexity	High Complexity	High Complexity	No	Would need a big plan to tackle this section of				0

Clear

# Sidewalk Gap Prioritization Methodology/Formula

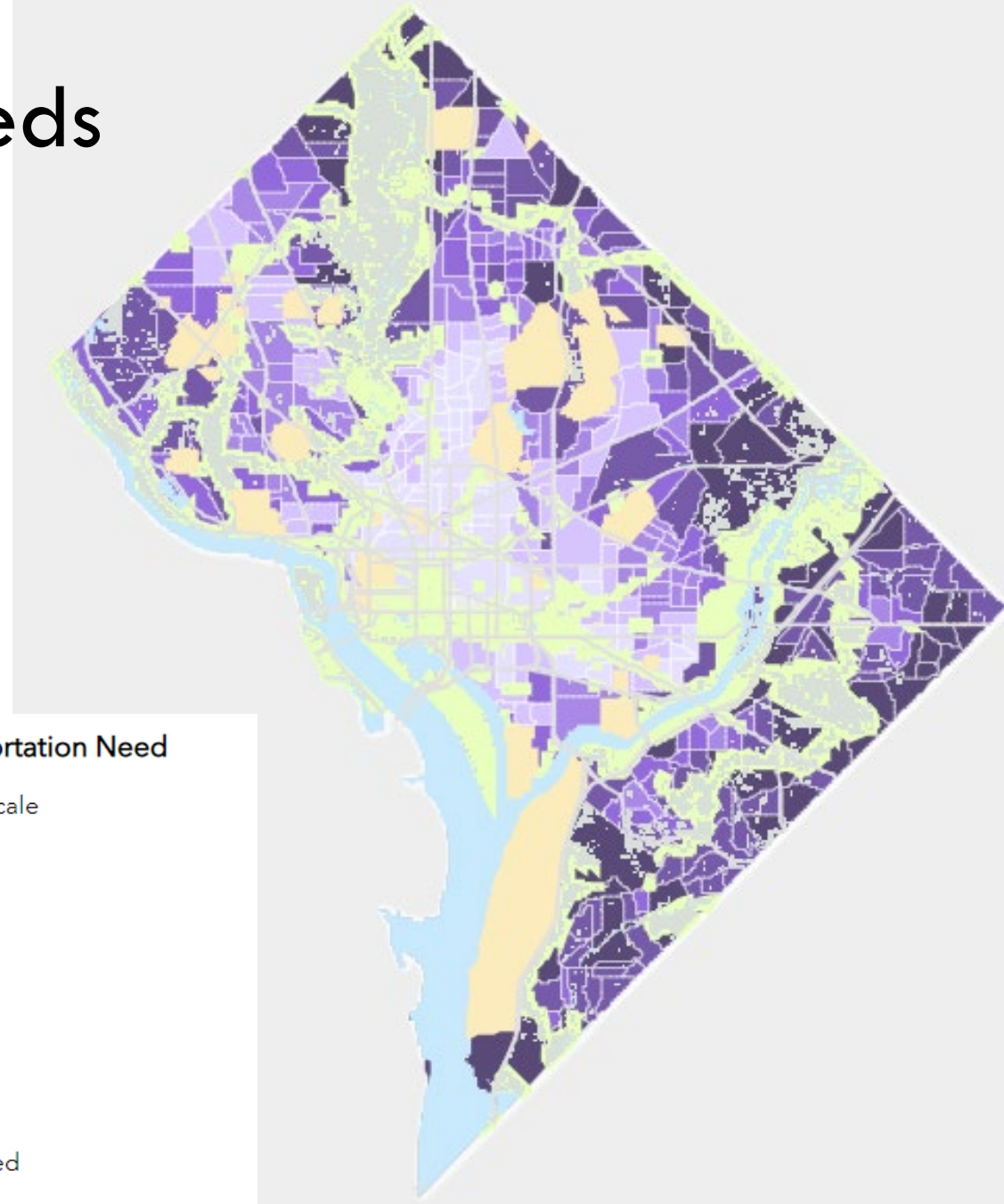
Sidewalk Construction Index (SCI)	
<u>Metric</u>	<u>Percentage of Score</u>
Equity	20%
High Injury Network	20%
Functional Classification	20%
Proximity to Schools	10%
Proximity to Parks, Recreation Centers, and Trails	10%
Proximity to Transit Stations	10%
Proximity to Bus Stops	10%

# Equity and Transportation Needs



Areas of Transportation Need

Combined Index Scale



# Sidewalk Construction Index (SCI) Range

SCI	# of Segments	Total Miles	Est Cost
8 to 8.8	6	0.51	\$379,457
7 to 7.9	31	6.83	\$5,086,745
6 to 6.9	65	6.7	\$4,994,001
5 to 5.9	643	58.6	\$43,660,340
4 to 4.9	1,302	119.83	\$89,273,880
3 to 3.9	471	38.99	\$29,048,919
2.2 to 2.9	19	1.3	\$969,776



# Next Steps

1. *SRTS-Sidewalk and Safety* Construction and Construction Management Solicitations
  - Expected NTP fall 2023
2. Developing FY24 sidewalk gap workplan
  - Sidewalk gaps requiring stormwater changes to be transferred to IPMA
  - Straightforward gaps to be transferred to Asset Management
3. Map FY24 gaps segments in ProTrack+ and export to public facing dashboard



---

# District Department of Transportation

**250 M St SE | Washington, DC 20003 | 202.673.6813**