

Appendix D –schedule/budget information

Cost information

Costs for upgrading ROW can vary depending on each individual improvement and conditions of each site. Costs can also vary on the type and size of the ADA improvements. Listed below are representative 2019 costs for typical accessibility improvements:

Table 1 Public right-of-way unit prices

	Project Cost
Intersection corner ADA improvement retrofit (per corner)	\$4,000 - \$6,000
Sidewalk / trail ADA improvement retrofit (per linear foot)	\$100

For estimating purposes, the cost to improve a single curb ramp on an intersection corner was estimated to be \$5,000. Cost estimates for the improvements are based on 2019 construction costs and include contingency for engineering and oversight. D-1 includes a summary of the total cost estimate for public ROW.

Priority areas

The city has established the following criteria to define priority levels. The city will consider all ADA improvement requests as received, which may affect the prioritization level of a specific project when appropriate.

Category 1A (highest priority):

- No curb ramp where sidewalk or pedestrian path exists and location near a medical center, school, transit facility, government building, non-auto dependent household, or similar facility.

Category 1B:

- Existing curb ramp with a noncompliant running slope and location near a medical center, school, transit facility, government building or similar facility.



Category 2A:

- No curb ramp where a sidewalk or pedestrian path exists (not located near a medical center or similar facility).

Category 2B:

- An existing curb ramp with a running slope greater than 12% or a cross slope greater than 3% (not located near a medical center or similar facility).

Category 3:

- No curb ramp where a striped crosswalk exists.

Category 4:

- One curb ramp per corner and another is needed to serve the other crossing direction.

Category 5A:

- An existing curb ramp with an insufficient landing.

Category 5B:

- An existing curb ramp with obstructions in the ramp or the landing.

Category 5C:

- An existing curb ramp with any of the following conditions:
 - A running slope greater than 8.3%
 - A cross slope greater than 2%
 - A width less than 48 inches
- No flush transition or median, or island crossings that are inaccessible.
- Detectable warnings do not extend the full width of the trail or sidewalk.

Category 5D:

- An existing curb ramp with returned curbs where pedestrian travel across the curb is not permitted.

Category 5E:

- An existing diagonal curb ramp without the 48-inch extension in the crosswalk.



Category 5F:

- An existing curb ramp without truncated dome texture contrast or without color contrast.

Category 6 (lowest priority):

- The pedestrian pushbutton is not accessible from the sidewalk or from the ramp.

The city will establish high priority areas for accessibility improvement projects based on the proximity to:

- Schools
- Commercial areas
- Senior care facilities
- Government services
- Medical care facilities

Entire jurisdiction

Based on the results of the ROW self-evaluation of the curb ramps and sidewalks/trails, the estimated costs associated with providing ADA accessibility within the entire jurisdiction is \$10,940,000. The maximum potential cost of public building and facility improvements were used for estimating purposes. This amount assumes project cost estimates depicted under table 1 are applied as stand-alone projects. The city will likely benefit from economy of scale when larger building, facility, street and ROW reconstructions occur.

The city will continue to incorporate ADA best practices and standards with CIP projects and as part of stand-alone projects.



D-1: Cost estimates by public right-of-way



CITY OF SHOREVIEW FACILITIES ONLY

City of Shoreview ADA - Cost Estimates for Right-of-Way

Updated November 9, 2020

System Correction	Unit Cost	Unit	# of non-compliant points collected	Total points inventoried	% Compliant	Cost
Replace Existing Curb Ramp	\$ 5,000.00	EA	509	536	5%	\$2,545,000
Replace Sidewalk or Trail *	\$ 100.00	LF	319	573	44%	\$1,595,000

TOTAL:			828	1109	25%	\$4,140,000
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*Assumes 50 LF replaced per sidewalk data point and an average walk/trail width of 8 feet.