

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 2020 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 ADA improvement retrofit (50 linear feet of 5' wide sidewalk replaced per sidewalk data point)	\$15.00 per SF
Single pedestrian pushbutton station replacement (each)	\$2500

For estimating purposes, the cost to improve a single curb ramp on an intersection corner was estimated to be \$5000. Cost estimates for the improvements are based on 2020 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 County has established the following criteria to define priority levels. The County 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 or multiple sources of non-compliance 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% or lack of level landing (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 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 County will establish high priority areas for accessibility improvement projects based on the proximity to schools, commercial areas, senior care facilities, government services, and medical care facilities.

The County's 2020 traffic signal evaluation project identified 6 County-owned and operated signals that are recommended for full replacement in the next 5-10 years, and all 6 of these intersections feature non-compliant curb ramps. The signalized intersections along Main Street in Owatonna feature 5 of the 6 intersections identified for full replacement. By prioritizing Main Street for improvements in the next 5-10 years, the County can address curb ramp, sidewalk, and signal-related accessibility deficiencies.

Entire Jurisdiction

Based on the results of the ROW self-evaluation, the estimated costs associated with providing ADA accessibility within the entire jurisdiction is \$4,419,000. The County will likely benefit from economy of scale when larger ROW reconstructions occur.

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

D-1: Cost Estimate for Right-of-Way

Steele County ADA - Cost Estimates for Right-of-Way

System Correction	Unit Cost	Unit	# of non-compliant points collected	Total points inventoried	% Compliant	Cost
Replace Existing Curb Ramp	\$ 5,000.00	EA	609	823	26%	\$ 3,045,000.00
Replace Sidewalk*	\$ 15.00	SF	337	609	45%	\$ 1,263,750.00
Replace Pedestrian Pushbutton	\$2,500	EA	44	54	19%	\$ 110,000.00
TOTAL:			990	1486	33%	\$ 4,418,750.00

*Assumes 50 LF of 5-ft wide sidewalk replaced (total of 250 SF) per sidewalk data point.