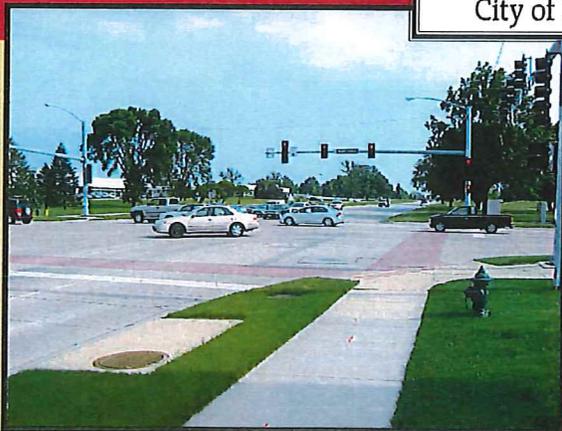
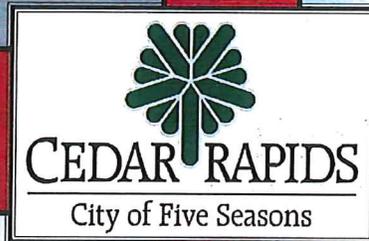
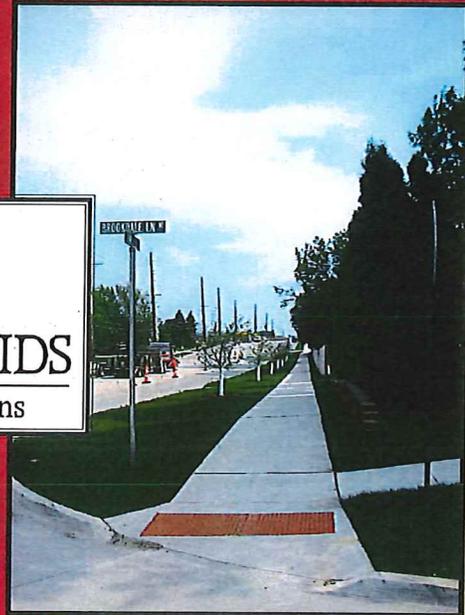


THE CITY OF CEDAR RAPIDS, IOWA

Sidewalk Master Plan



Prepared By:



October 20, 2010

Updated July 2014

THE CITY OF CEDAR RAPIDS, IOWA

SIDEWALK MASTER PLAN



Prepared For:

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*Walkable communities are
thriving, livable,
sustainable places
that give their residents
safe transportation choices
and improved quality of life.*

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EXECUTIVE SUMMARY

This Sidewalk Master Plan is one step towards establishing safe and convenient walking routes to enhance the livability for residents and visitors of the City of Cedar Rapids. The plan's primary focus is to prioritize sidewalk installation by inventorying missing segments in the City's existing walkway network and identifying opportunities and constraints in the installation of a complete sidewalk system. Given the plan's limited scope, this plan does not address intersection or roadway crossing issues other than as an extension of new walk segments.

PURPOSE

Purpose of the Sidewalk Master Plan

This sidewalk master plan and future updates should serve as the primary guide in the allocation of capital, maintenance, administrative, and matching funds. The Plan is also designed to provide staff and the public with flexibility as opportunities and needs arise.

This Sidewalk Master Plan:

- Identifies gaps to connect walkway facilities;
- Embodies our outreach efforts with key community stakeholders to establish criteria and a project/program prioritization process;
- Inventories existing sidewalk facilities and needs; and
- Prioritizes sidewalk installation projects.

The Sidewalk Master Plan was originally compiled in 2010, with minor text updates in July 2014.

For the purpose of this report, pedestrian facilities were divided into three (3) categories:

- Existing walks
- Missing walks
- Future facilities.

Existing walks were inventoried and inspected by City staff in 2008, and the results of this effort are included in this report. Existing walk maintenance and repair is a vital aspect of the system and the existing programs should be continued.

The segments of missing walks were divided into three (3) subcategories:

- Assessment agreements
- Gaps (missing segments less than 250 feet in length)
- Missing segments

Assessment agreements and gaps should be pursued immediately. A priority ranking system was developed for the missing segments.

It is also important that the City continue to require adequate pedestrian facilities on all future private developments, City capital improvement projects, and flood recovery projects.

A summary of the existing and missing walks in Cedar Rapids is shown on the following page.



EXECUTIVE SUMMARY

**Table 3
MAINTENANCE OF EXISTING SIDEWALKS**

Priority	Number of Segments	Percent of Total	Estimated Length	Estimated Cost
High	103	1.6%	51,463	\$4,219,966
Moderate	1,845	27.8%	977,958	\$80,192,556
Low	3,859	58.1%	1,845,667	\$151,344,694
Unknown	832	12.5%	369,860	\$30,328,520
Total	6,639	100%		

**Table 4
AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANT RAMPS**

Priority	Number of Ramps	Estimated Cost
A. High (no ramp or no receiving ramp)	3,135	\$3,135,000
B. Medium (non-compliant)	4,956	\$4,956,000
C. Low (compliant)	2,171	—
Total	10,262	

**Table 12
MISSING WALKS**

Priority	Number of Segments	Length (ft)	Percent of Total Length	Estimated Cost
High	284	242,055	10%	\$20,000,000
Moderate	1,435	967,503	40%	\$80,000,000
Low	1,953	1,208,816	50%	\$100,000,000
Total	3,672	2,418,374	100%	\$200,000,000

**Table 13
GAPS**

Priority	Number of Segments	Length (ft)	Percent of Total Length	Estimated Cost
High	321	50,000	50%	\$2,050,000
Medium			50%	\$2,050,000