

Macon County Highway Department



ADA Transition Plan

2014

Public Rights of Way

And

Sidewalk

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I. INTRODUCTION

This 2014 ADA Transition Plan will fulfill the requirements set forth in Chapter 8 of the Bureau of Local Roads & Streets Administrative Policy. This plan is in accordance with the guidelines of the Illinois Department of Transportation (IDOT), and the Americans with Disabilities Act (ADA). When the Macon County Transition Plan is in conflict with the IDOT guidelines, IDOT guidelines shall take precedence.

The purpose of this transition plan is to:

- Conduct a self-assessment and inventory of needs
- Solicit public input to increase awareness and effectiveness of the plan.
- Incorporate new practices and procedures into the plan.
- Develop an implementation schedule for the plans
- Compliance attainment with IDOT ADA guidelines.

II. SELF-EVALUATION

The County Highway Department Staff will begin an inventory survey in the summer of 2014. The Highway Department will create a database to inventory ramp data. The database will also be utilized to prioritize and track ramp reconstruction activities.

III. COMPLIANCE PROGRAM

Priority system

Priorities can be set by addressing both the needs and physical conditions of the ramps.

From a needs perspective the following should be considered:

- A. Presence of a disabled population or specific complaints and/or requests from a disabled person or advocacy group (10 points)
- B. High volume of pedestrians, such as in the Business District, or near schools (8 points), public buildings, hospitals, senior housing, libraries, public transportation facilities, or parks (6 points).
- C. Low volume pedestrian use areas such as residential subdivisions (2 points).

- D. Alternative ADA compliant sidewalk route within 1 block radius (-3 points).
(Deduction meant to lower priority based on close proximity to a compliant route).

From a ramp condition perspective the following should be considered:

1. There is no ramp at a pedestrian crossing in an area with sidewalks (8 points).
2. Existing ramp which is unsafe due to deterioration (1-3 points), excessive slopes (1-3 points), or abrupt changes in the surface elevations (maximum of 7 points total).
3. Where ramps are generally safe and in good condition but do not fully comply (no detectable warnings with domes, side tapers are out of compliance, etc.) (1 point).

Each ramp location will be rated according to these criteria. Specific projects designed to replace ramps to correct deficiencies will address those rated numerically highest until budgeted funds are exhausted.

Most if not all sidewalks and ramps on Macon County Highway Right of Way are there at the request of the municipality that our highway passes through. The maintenance and replacement responsibility of those sidewalks belong to the municipality. The County Highway Department will work closely with the municipality to correct deficiencies that are present after the self-evaluation is complete and going forward.

IV. IMPLEMENTATION SCHEDULE

Summer 2014 – Summer 2015

- Create an inventory system of all County sidewalk ramps.

Summer 2014 – Winter 2014

- Survey all County sidewalks and sidewalk ramps

Winter 2014 – Summer 2015

- Rank and prioritize all non-compliant sidewalk ramps.
- Implement sidewalk ramp reconstruction efforts based on inventory priority ranking system.

After completion of the sidewalk ramp survey the County will know how many non-compliant ramps exist and can then finalize a ramp reconstruction schedule to bring those ramps up to current ADA standards.

Sidewalk ramp reconstruction efforts will be tracked in the sidewalk inventory system to maintain a current list of non-compliant sidewalk ramps and track the number of sidewalk ramp reconstructions that the County has completed as part of its ADA Transition Plan efforts.

V. PROGRAM RESPONSIBILITY

The official responsible for implementation of the County's ADA Transition Plan in public rights-of-way is:

Bruce Bird
Macon County Engineer
2405 N. Woodford St.
Decatur, IL 62526
Telephone: (217) 424-1404
Fax: (217) 424-2506
Email: bbird@highway.co.macon.il.us

The Macon County Highway Department ADA Coordination is the responsibility of the Highway Engineering Department.

VI. PUBLIC INVOLVEMENT

The ADA Transition Plan will be placed on the County website for public review and comments.

VII. ACCOMMODATION PROCEDURE

The accommodation process is an integral part of the ADA Transition Plan. Accommodations will be evaluated according to the policies, practices, and available funding sources. Within the County Highway Department, the County Engineer will receive and evaluate accommodation requests.

Accommodation Process: Citizen with disabilities requiring curb ramps are encouraged to contact the office directly at (217) 424-1404. Accommodation requests received by other departments or agencies will be routed to the County Engineer. This central accommodation request processing procedure ensures that the specific needs of each individual are accurately understood and recorded. The deficiency and specific location are then entered into a log and the matter referred to the Engineering Department for inspection and possible action. The Engineering Department then coordinates any work and keeps a record of all formal responses to the requester. A request for accommodation form is provided in Appendix A.

Accommodation requests may be received through a variety of communication methods:

Bruce Bird
Macon County Engineer
2405 N. Woodford St.
Decatur, IL 62526
Telephone: (217) 424-1404
Fax: (217) 424-2506
Email: bbird@highway.co.macon.il.us

VIII. APPENDICES

Appendix A	Request for Accommodation/Sidewalk Repair Form
Appendix B	County Design Standards

APPENDIX A

REQUEST FOR ACCOMIDATION/SIDEWALK REPAIR FORM



COUNTY HIGHWAY DEPARTMENT REQUEST FOR ACCOMIDATION/SIDEWALK REPAIR REQUEST FORM

Reporting Individual

Name _____
(Printed)

Address _____

City, State, Zip _____

Telephone Number(s) _____

E-Mail Address _____

Sidewalk Requiring Accommodation

Street _____

Cross Street _____

Street Address _____

Date of Incident or Discovery _____

**Describe the reason for requiring the requested accommodation or sidewalk repair.
(Please feel free to use additional attachments as necessary)**

Signature of Reporting Individual _____ Date _____

Please Mail To: Macon County Highway Department
Attn: Bruce Bird
2405 N. Woodford St.
Decatur, IL 62526

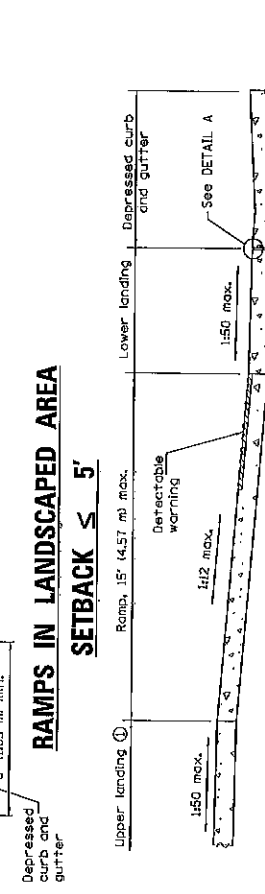
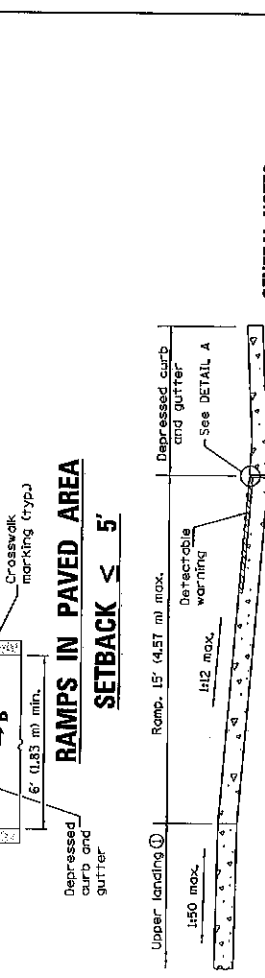
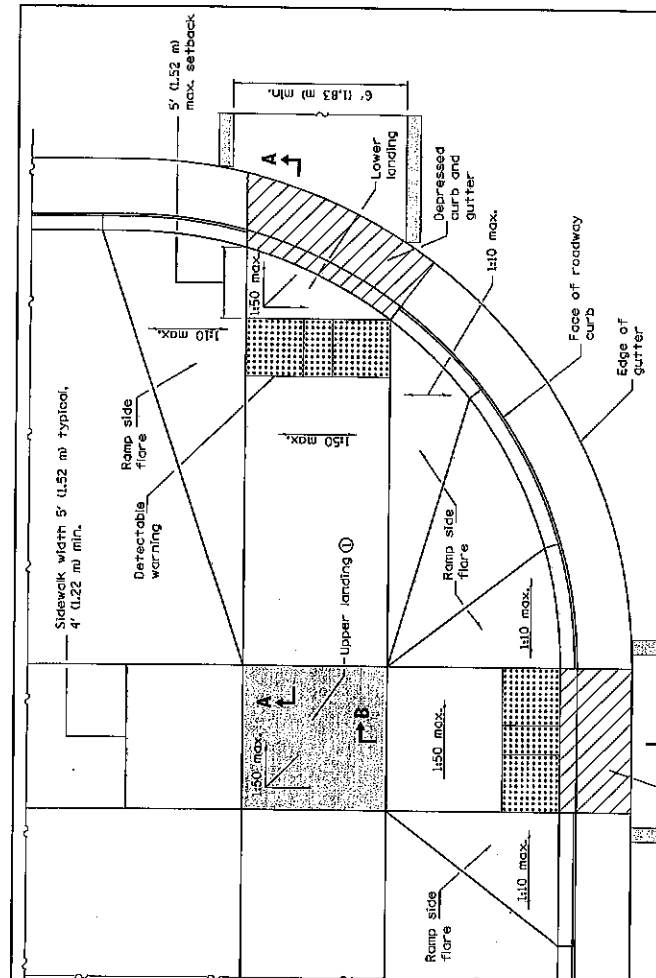
Office Use Only

Date Received _____ Received By _____

Action Taken:

APPENDIX B

COUNTY DESIGN STANDARDS



GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

See Standard E66001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

SECTION B-B

Upper landing not required for ramp slopes flatter than 1:20.

Upper landing not required for ramp slopes flatter than 1:20.

SECTION A-A

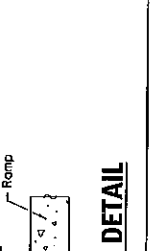
Upper landing not required for ramp slopes flatter than 1:20.

PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 1 of 2)

STANDARD 424001-07

DATE	REVISIONS
1-1-13	Widened crosswalk markings to 6' (1.83 m) min. Inside dimension, Rev. Gen. Notes.
1-1-12	Completely revised and renamed standard.



DETAIL A

1/2" (1.25)

Expansion joint

Variable Ramp thickness

2:150 R

Ramp

Flush with top of roadway curb and top of sidewalk

Upper landing not required for ramp slopes flatter than 1:20.

Upper landing not required for ramp slopes flatter than 1:20.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PASSED: January 1, 2015

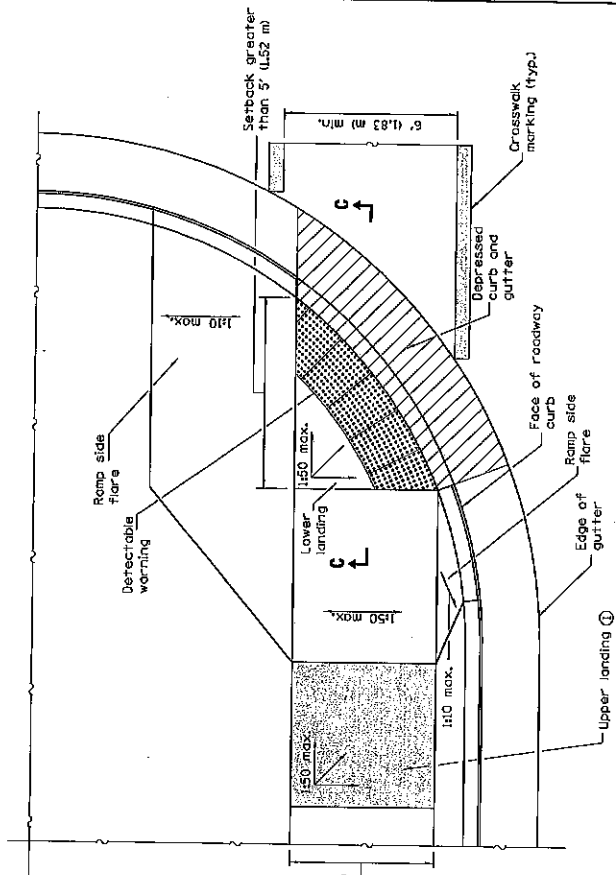
APPROVED: [Signature]

ENGINEER OF PUBLIC WORKS

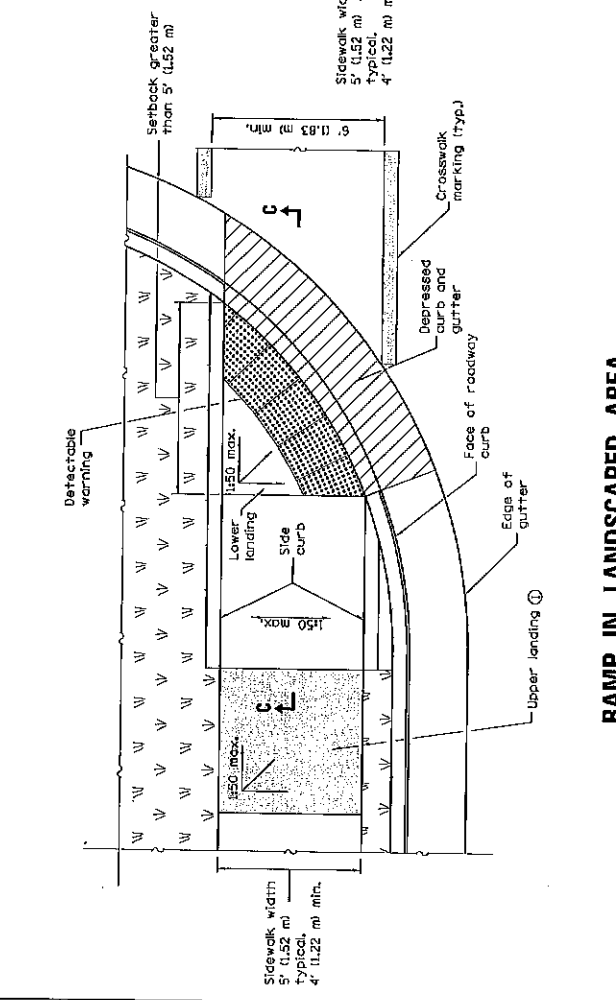
ISSUED: 1-1-07

APPROVED: [Signature]

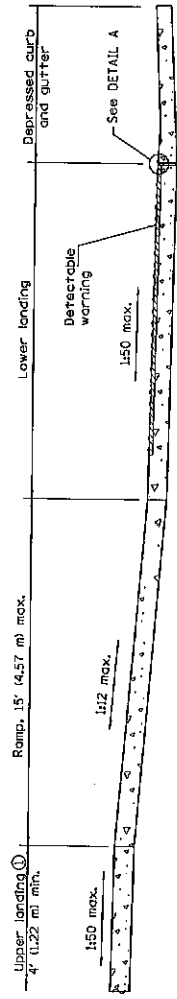
ENGINEER OF DESIGN AND ENVIRONMENT



RAMP IN PAVED AREA
SETBACK > 5'

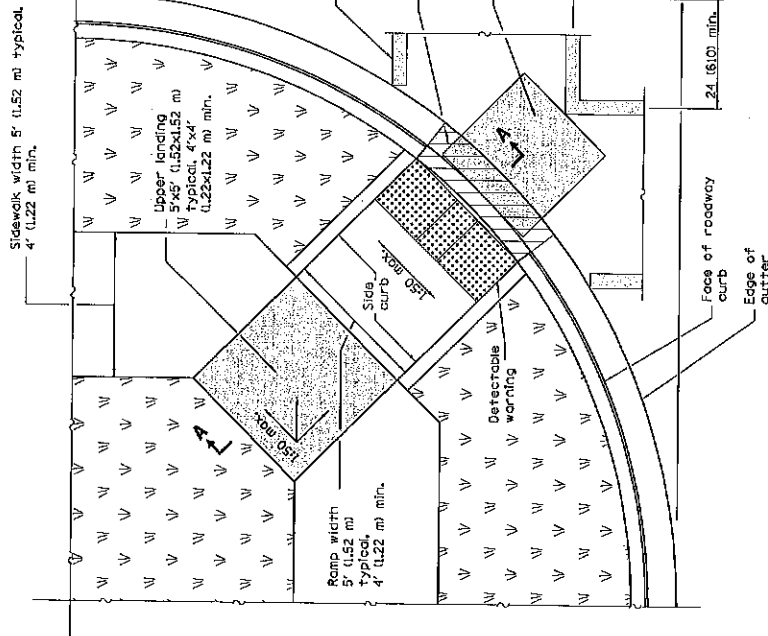


RAMP IN LANDSCAPED AREA
SETBACK > 5'

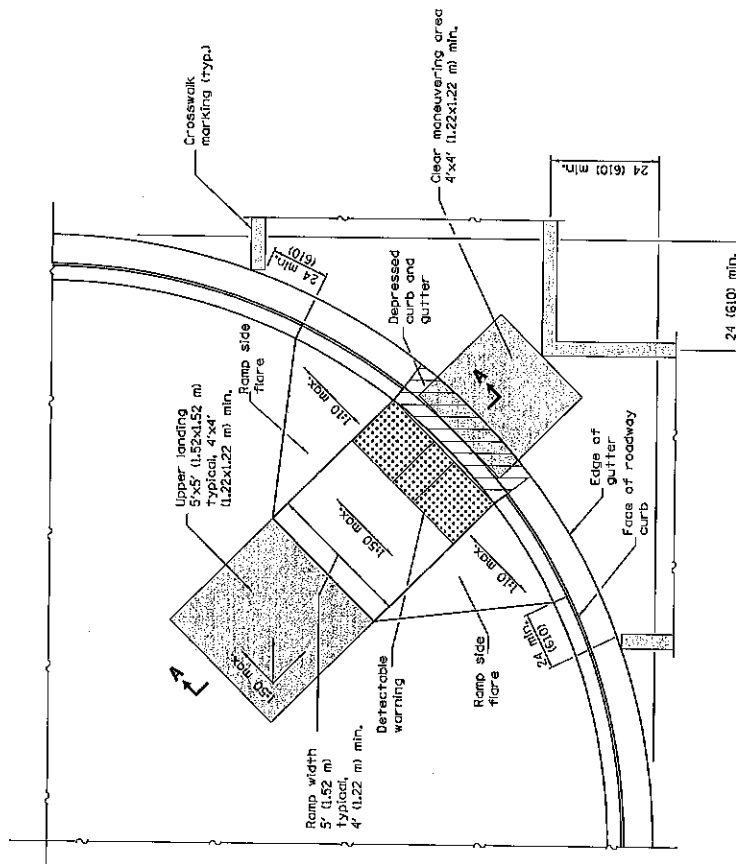


SECTION C-C

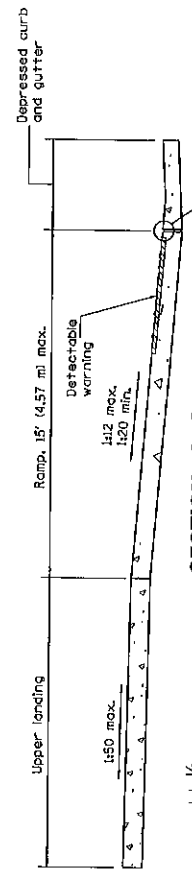
① Upper landing not required for ramp slopes flatter than 1:20.



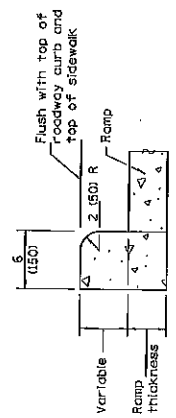
RAMP IN LANDSCAPED AREA



RAMP IN PAVED AREA



SECTION A-A



SIDE CURB DETAIL

GENERAL NOTES
 This Standard shall only be used for curb radii of 20 ft. (6.1 m) or greater.
 Where 150 maximum slope is shown, 1:64 is preferred.
 All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 See Standard 605001 for details of depressed curb adjacent to curb ramp.
 All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-13	Revised General Notes.
1-1-12	New standard.

DIAGONAL CURB RAMPS FOR SIDEWALKS

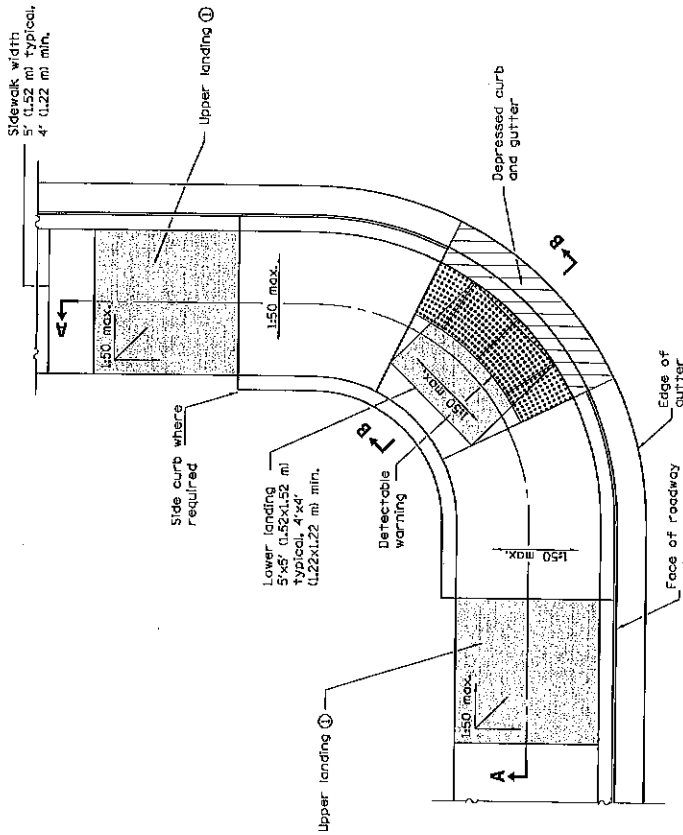
STANDARD 424006-01

Illinois Department of Transportation
 PASSED: [Signature] JUNE 1, 2013
 ENGINEER OF POLICY AND PROCEDURES
 APPROVED: [Signature] JUNE 1, 2013
 ENGINEER OF DESIGN AND ENVIRONMENT
 ISSUED: 1-1-12

DETAIL A

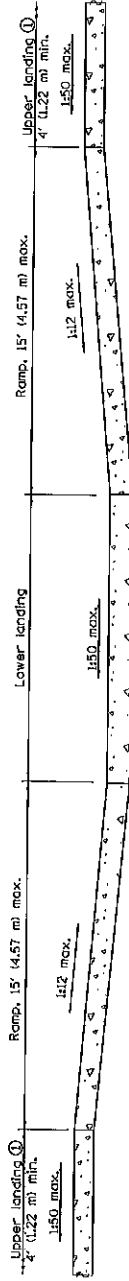
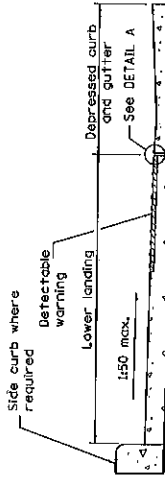
Expansion joint

Sidewalk width
5' (1.52 m) typical,
4' (1.22 m) min.



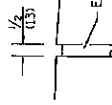
CORNER PARALLEL CURB RAMP

SECTION B-B



SECTION A-A

① Upper landings not required for ramp slopes flatter than 1:20.



DETAIL A

SIDE CURB DETAIL

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

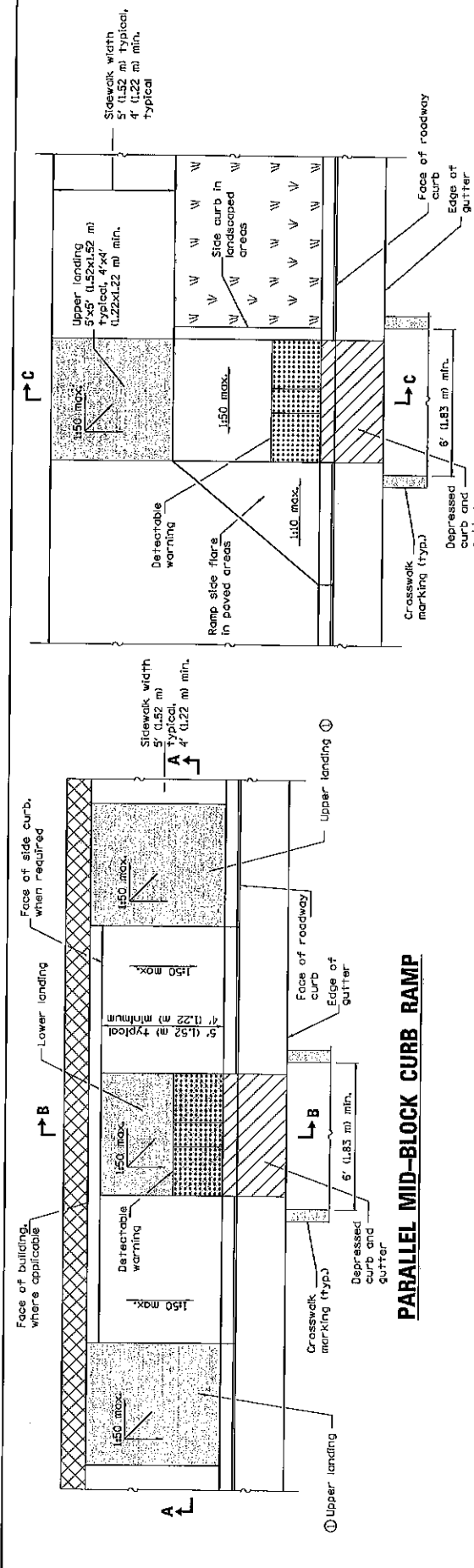
DATE	REVISIONS
1-1-13	Revised General Notes.
1-1-12	New standard.

CORNER PARALLEL CURB RAMPS FOR SIDEWALKS

STANDARD 424011-01

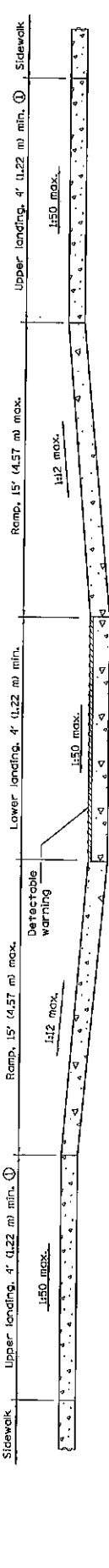
Illinois Department of Transportation
 PASSED January 1, 2013
 Michael Beard
 ENGINEER OF POLICY AND PROCEDURES
 APPROVED January 1, 2013
 ILLINOIS DEPARTMENT OF TRANSPORTATION

ISSUED 1-1-12



PARALLEL MID-BLOCK CURB RAMP

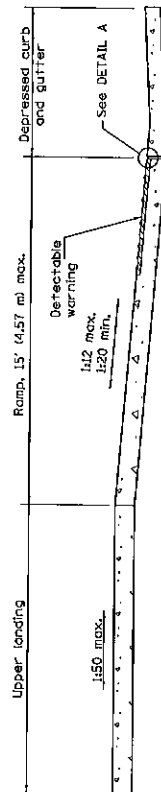
PERPENDICULAR MID-BLOCK CURB RAMP



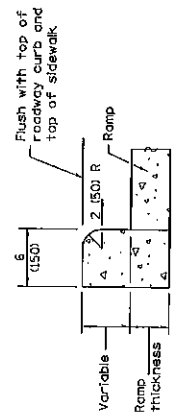
SECTION A-A

① Upper landing(s) not required for ramp slopes flatter than 1:20.

SECTION B-B



SECTION C-C



SIDE CURB DETAIL

DETAIL A

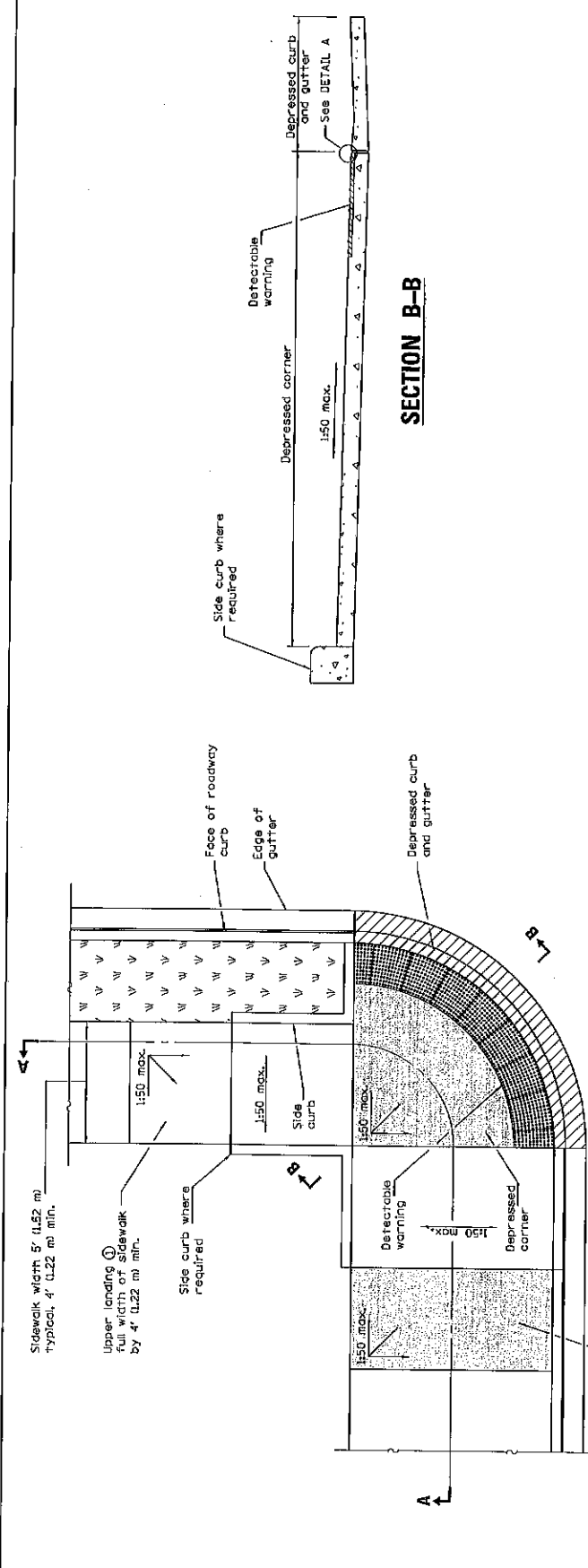
GENERAL NOTES
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
Where 1:50 maximum slope is shown, 1:64 is preferred.
See Standard 606001 for details of depressed curb adjacent to curb ramp.
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-13	Widened or crosswalk markings to 6' (1.83 m) min. Inside dimension. Rev. Gen. Notes.
1-1-12	New standard.

MID-BLOCK CURB RAMPS FOR SIDEWALKS

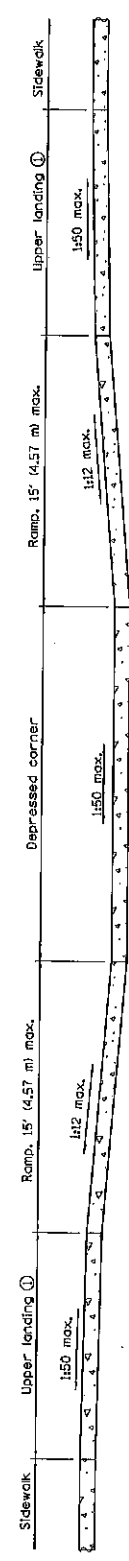
STANDARD 424016-01

Illinois Department of Transportation	ISSUED 1-1-12
PASSED JANUARY 1, 2013	
APPROVED BY: [Signature]	
ENGINEER OF POLICY AND REVISIONS	
APPROVED BY: [Signature]	
ENGINEER OF DESIGN AND ENVIRONMENT	



DEPRESSIONED CORNER

① Upper landing full width of sidewalk by 4' (1.22 m) min.

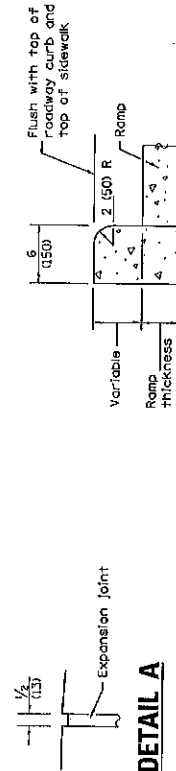


SECTION B-B

SECTION A-A

① Upper landing(s) not required for ramp slopes flatter than 1:20.

GENERAL NOTES
 This standard shall only be used for curb radii of 6 ft. (1.83 m) or greater.
 All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V/H).
 Where 1:50 maximum slope is shown, 1:64 is preferred.
 See Standard 606001 for details of depressed curb adjacent to curb ramp.
 All dimensions are in inches (millimeters) unless otherwise shown.



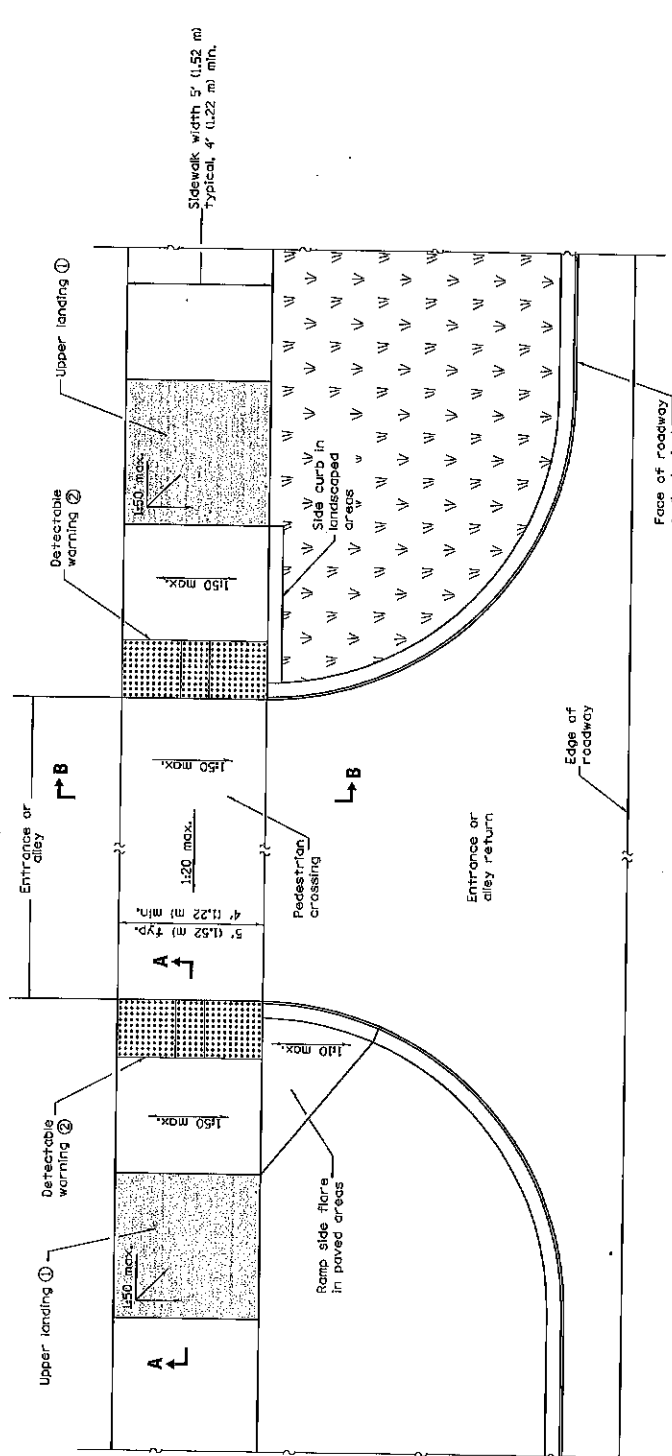
SIDE CURB DETAIL

DATE	REVISIONS
1-1-14	Revised sidewalk width.
	Revised gen. notes to limit curb rad. to 6' (1.83 m) min.
1-1-13	Revised General Notes.

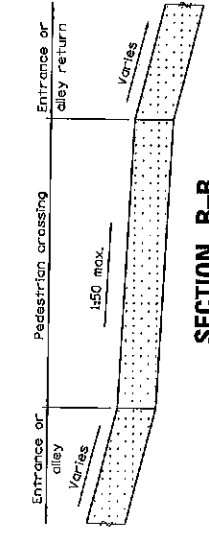
Illinois Department of Transportation
 PASSED January 1, 2014
 ENGINEER OF HIGHWAY AND PROCEDURES
 APPROVED January 1, 2014
 ENGINEER OF DESIGN AND ENVIRONMENT

DEPRESSIONED CORNER FOR SIDEWALKS

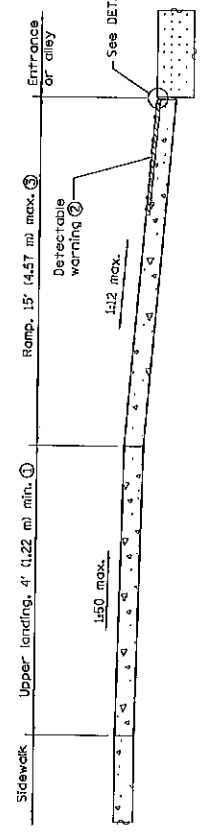
STANDARD 424021-02



ENTRANCE / ALLEY PEDESTRIAN CROSSING



SECTION A-A



① Upper landing not required for ramp slopes flatter than 1:20.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V/H).

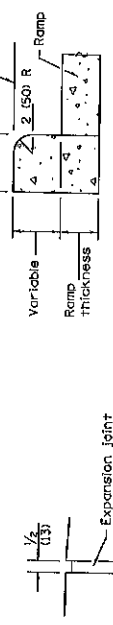
Where 1:50 maximum slope is shown, 1:64 is preferred.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
 PASSED JANUARY 1, 2013
 ENGINEER OF POLICY AND PERSPECTIVES
 APPROVED MICHAEL BERNARD
 ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS
1-1-13	Revised General Notes.
1-1-12	New standard.

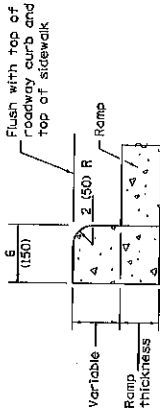
SIDE CURB DETAIL



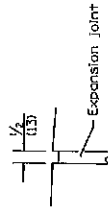
DETAIL A

ENTRANCE / ALLEY PEDESTRIAN CROSSINGS

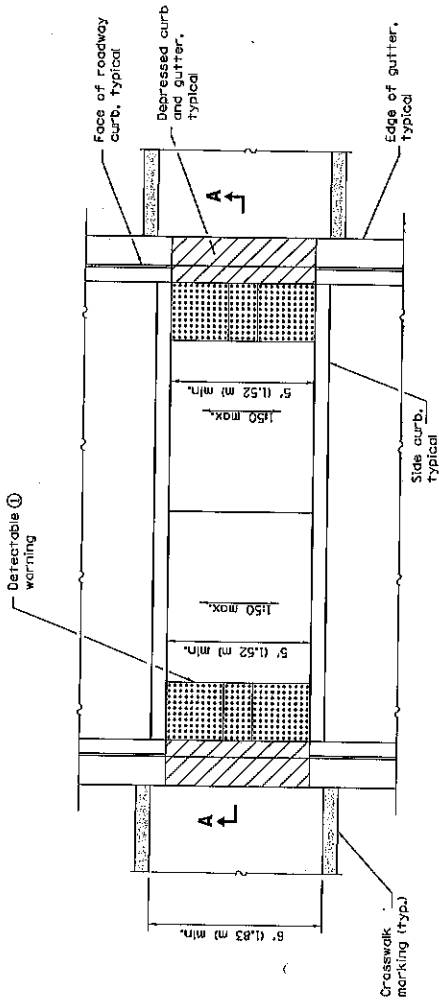
STANDARD 424026-01



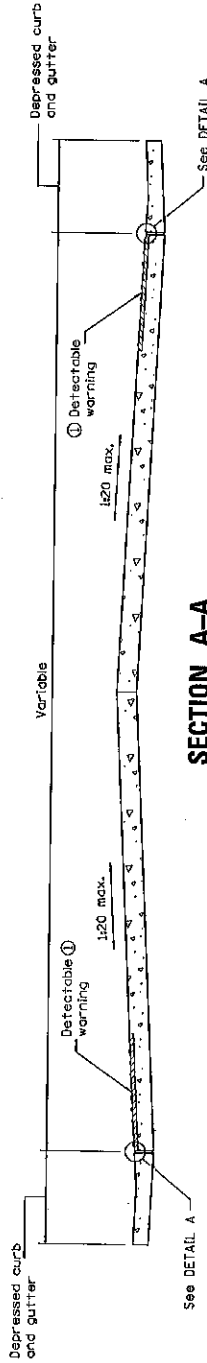
SIDE CURB DETAIL



DETAIL A



MEDIAN PEDESTRIAN CROSSING



SECTION A-A

① Omit detectable warnings when distance between back of curbs is less than 6' (1.83 m).

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V/H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-12	Widened crosswalk to 6' (1.83 m) min. Inside dimension.
	Revised General Notes.
1-1-12	New standard.

MEDIAN PEDESTRIAN CROSSINGS

STANDARD 424031-01

Illinois Department of Transportation
 PASSED January 1, 2013
 ENGINEER OF POLICY AND PROCEDURES
 APPROVED Michael Bond
 January 1, 2013
 ENGINEER OF DESIGN AND ENVIRONMENT
 ISSUED 1-1-12

INSPECTION FORMS

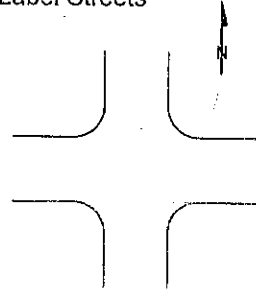
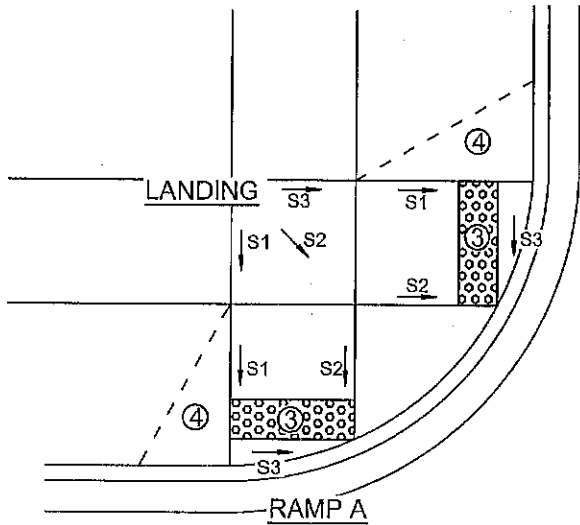
ADA CURB RAMP EVALUATION CHECKLIST

PERPENDICULAR RAMPS AT CORNER

Inspection Date: _____
 Inspected By: _____

Location: _____

Note location on Map, Label Streets



RAMP B

- 1.) Are there existing ramps? Yes / No
- 2.) Is either existing ramp deteriorated? Yes / No
 If Yes, which one? A / B / Both
 (Panels broken into three or more pieces)
- 3.) Are truncated domes present and in satisfactory condition? Yes / No If No, which one? A / B / Both

- 4.) If side tapers are present, are they less than or equal to a 10:1 slope?
 Ramp A: Yes / No / Not Present If No, what is the slope? _____
 Ramp B: Yes / No / No Present If No, what is the slope? _____

- 5.) Are manholes, handholes or valves located within the ramps or landing?
 Ramp A: Yes / No Ramp B: Yes / No Landing: Yes / No

- 6.) Do heaved panels exist within the ramps or landing?
 Ramp A: Yes 0.5"-1" / No 1"-2" >2"
 Ramp B: Yes 0.5"-1" / No 1"-2" >2"
 Landing: Yes 0.5"-1" / No 1"-2" >2"

7.)

	RAMP A	RAMP B	LANDING
SLOPE 1 (S1)			
SLOPE 2 (S2)			
SLOPE 3 (S3)			

8.) Use back of sheet for additional comments

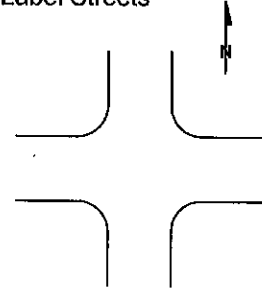
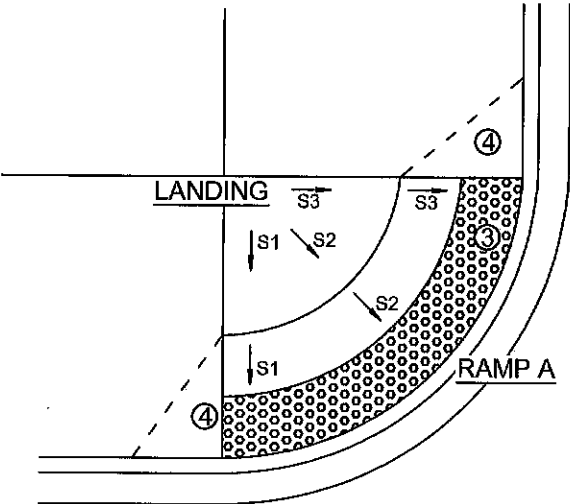
ADA CURB RAMP EVALUATION CHECKLIST

BLENDED TRANSITION AT CORNER

Inspection Date: _____
 Inspected By: _____

Location: _____

Note location on Map, Label Streets



- 1.) Is there an existing ramp? Yes / No
- 2.) Is the existing ramp deteriorated? Yes / No
(Panels broken into three or more pieces)
- 3.) Are truncated domes present and in satisfactory condition? Yes / No

4.) If side tapers are present, are they less than or equal to a 10:1 slope? Yes / No / Not Present
 If No, what are the slopes? _____

5.) Are manholes, handholes or valves located within the ramp or landing?
 Ramp: Yes / No Landing: Yes / No

6.) Do heaved panels exist within the ramp or landing?
 Ramp : Yes 0.5"-1" / No Landing: Yes 0.5"-1" / No
 1"-2" 1"-2"
 >2" >2"

7.)

	RAMP A	LANDING
SLOPE 1 (S1)		
SLOPE 2 (S2)		
SLOPE 3 (S3)		

8.) Use back of sheet for additional comments

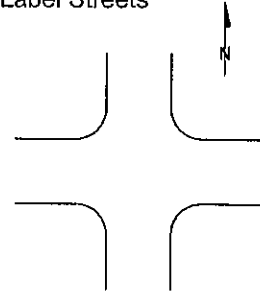
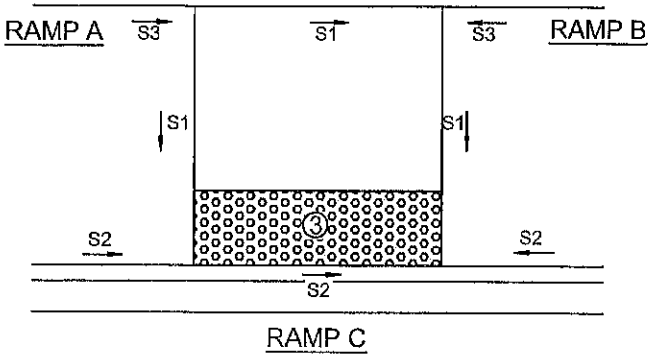
ADA CURB RAMP EVALUATION CHECKLIST

PARALLEL RAMP AT MID-BLOCK

Inspection Date: _____
 Inspected By: _____

Location: _____

Note location on Map, Label Streets



- 1.) Are there existing ramps? Yes / No
- 2.) Are any existing ramps deteriorated? Yes / No
 If Yes, which one? A / B / C / All
 (Panels broken into three or more pieces)
- 3.) Are truncated domes present and in satisfactory condition? Yes / No

4.) Are manholes, handholes or valves located within the ramps?
 Ramp A: Yes / No Ramp B: Yes / No Ramp C: Yes / No

5.) Do heaved panels exist within the ramps?
 Ramp A: Yes 0.5"-1" / No 1"-2" >2"
 Ramp B: Yes 0.5"-1" / No 1"-2" >2"
 Ramp C: Yes 0.5"-1" / No 1"-2" >2"

6.)

	RAMP A	RAMP B	RAMP C
SLOPE 1 (S1)			
SLOPE 2 (S2)			
SLOPE 3 (S3)			

7.) Use back of sheet for additional comments

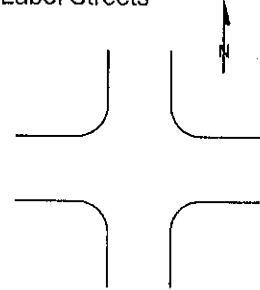
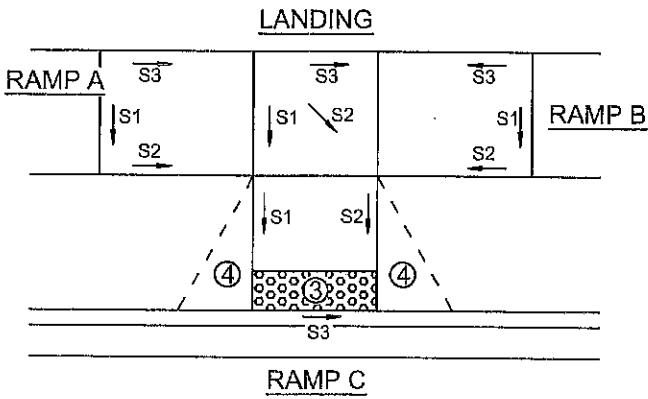
ADA CURB RAMP EVALUATION CHECKLIST

COMBINATION RAMP AT MID-BLOCK

Inspection Date: _____
 Inspected By: _____

Location: _____

Note location on Map, Label Streets



- 1.) Are there existing ramps? Yes / No
- 2.) are any existing ramps deteriorated? Yes / No
 If Yes, which one? A / B / C / All
 (Panels broken into three or more pieces)
- 3.) Are truncated domes present and in satisfactory condition? Yes / No

4.) If side tapers are present, are they less than or equal to a 10:1 slope? Yes / No / Not Present
 If No, what is the slope? _____

5.) Are manholes, handholes or valves located within the ramps or landing?
 Ramp A: Yes / No Ramp B: Yes / No Ramp C: Yes / No Landing: Yes / No

6.) Do heaved panels exist within the ramps or landing?
 A: Yes 0.5"-1" / No 1"-2" / >2"
 B: Yes 0.5"-1" / No 1"-2" / >2"
 C: Yes 0.5"-1" / No 1"-2" / >2"
 Landing: Yes 0.5"-1" / No 1"-2" / >2"

7.)

	RAMP A	RAMP B	RAMP C	LANDING
SLOPE 1 (S1)				
SLOPE 2 (S2)				
SLOPE 3 (S3)				

8.) Use back of sheet for additional comments

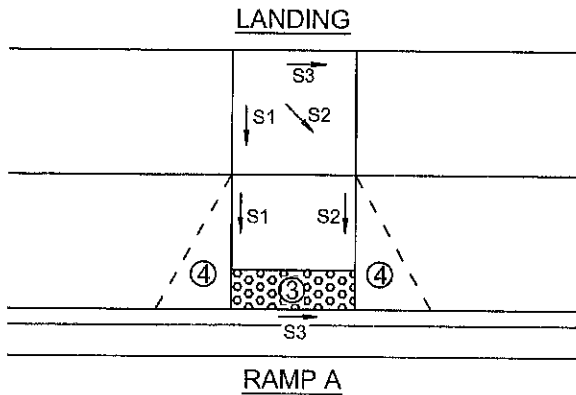
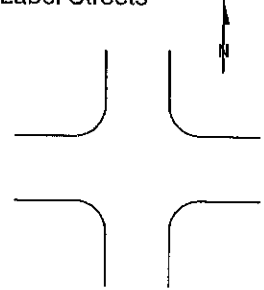
ADA CURB RAMP EVALUATION CHECKLIST

PERPENDICULAR RAMP AT MID-BLOCK

Inspection Date: _____
 Inspected By: _____

Location: _____

Note location on Map, Label Streets



- 1.) Is there an existing ramp? Yes / No
- 2.) Is the existing ramp deteriorated? Yes / No
(Panels broken into three or more pieces)
- 3.) Are truncated domes present and in satisfactory condition? Yes / No

4.) If side tapers are present, are they less than or equal to a 10:1 slope? Yes / No / Not Present
 If No, what are the slopes? _____

5.) Are manholes, handholes or valves located within the ramp or landing?
 Ramp: Yes / No Landing: Yes / No

6.) Do heaved panels exist within the ramp or landing?
 Ramp : Yes 0.5"-1" / No 0.5"-1" / No
 1"-2" 1"-2"
 >2" >2"

7.)

	RAMP A	LANDING
SLOPE 1 (S1)		
SLOPE 2 (S2)		
SLOPE 3 (S3)		

8.) Use back of sheet for additional comments

ADA CURB RAMP EVALUATION CHECKLIST

ATYPICAL RAMP

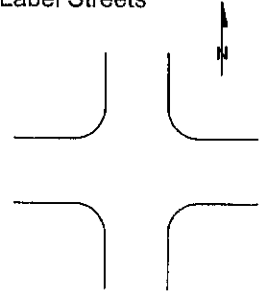
Inspection Date: _____

Location: _____

Inspected By: _____

Note location on Map, Label Streets

Sketch sidewalk ramp and slope locations



1.) Are there existing ramps? Yes / No

2.) Are any existing ramps deteriorated? Yes / No
Which ones?
(Panels broken into three or more pieces)

3.) Are truncated domes present and in satisfactory condition? Yes / No If No, where?

4.) If side tapers are present, are they less than or equal to a 10:1 slope?
Yes / No / Not Present If No, what is the slope? _____ & Where is it located?

5.) Are manholes, handholes or valves located within the ramps or landing? Yes / No
If Yes, Where?

6.) Do heaved panels exist within the ramps or landing? Yes / No If Yes, Where?

7.)

	RAMP A	RAMP B	RAMP C	LANDING
SLOPE 1 (S1)				
SLOPE 2 (S2)				
SLOPE 3 (S3)				

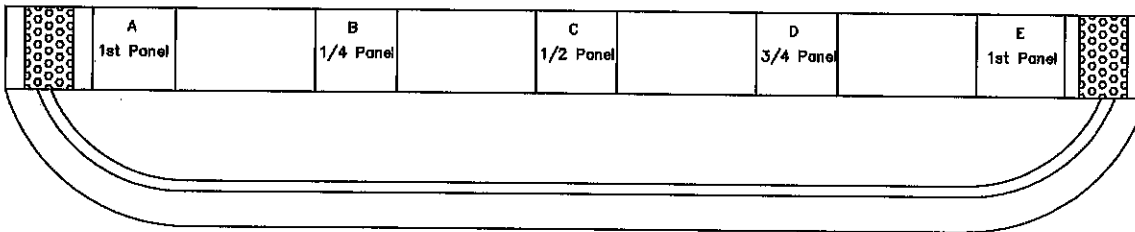
8.) Use back of sheet for additional comments

ADA SIDEWALK EVALUATION CHECKLIST

Inspection Date: _____
 Inspected By: _____

Location: _____

Note location on Map, Label Streets



- 1.) Are ramps present on each end of the sidewalk section? Yes / No
- 2.) Do heaved panels exist within the section? Yes .05"–1" / No 1"–2" > 2"
- 3.) Are manholes, handholes or valves located within the section? Yes / No

4.)

	A	B	C	D	E
WIDTH					
SLOPE					

- 5.) Do barriers exist within the sidewalk section? Yes / No
 If Yes, list on back

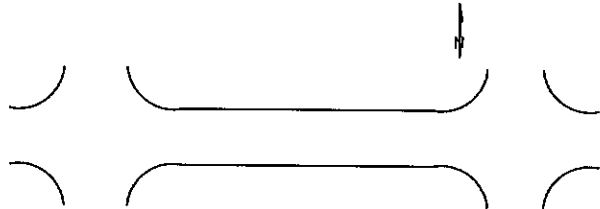
6.) Use back of sheet for additional comments.

ADA SIDEWALK EVALUATION CHECKLIST

Inspection Date: _____
 Inspected By: _____

Location: _____

Note location on Map, Label Streets



A		B		C		D		E
1st Panel		1/4 Panel		1/2 Panel		3/4 Panel		1st Panel

- 1.) Are ramps present on each end of the sidewalk section? Yes / No
- 2.) Do heaved panels exist within the section? Yes .05"–1" / No 1"–2" > 2"
- 3.) Are manholes, handholes or valves located within the section? Yes / No

4.)

	A	B	C	D	E
WIDTH					
SLOPE					

- 5.) Do barriers exist within the sidewalk section? Yes / No
 If Yes, list on back

6.) Use back of sheet for additional comments.

