# Index of Drawings
## Curb/Gutter & Sidewalks

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NOTES:

1. EXPANSION JOINT MATERIAL SHALL BE NON-EXTRUDING AND RESILIENT TYPE TO MEET AASHTO SPEC. M-213.

2. ANY OVER-EXCAVATION SHALL BE REPLACED BY GRANULAR BACKFILL COMPACTED TO 95% MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698.
VERTICAL

ROLLOVER

NOTES:

1. EXPANSION JOINT MATERIAL SHALL BE NON-EXTRUDING AND RESILIENT TYPE TO MEET AASHO SPEC. M-213.

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3. SEE DETAILS ON DRAWING SW1 FOR EXPANSION AND CONTRACTION JOINT DETAILS.

4. FOR USE IN RESIDENTIAL AREAS OF LOCAL COLLECTORS ONLY.
PLAN

No. 5 SMOOTH DOWEL BARS 18"
1'-6" O.C. (Min.)

VARI*E
8" - #4 @ 18" O.C. EACH WAY
10" - NO REBAR REQUIRED

1 1/2" AT 8' WIDE
2" AT 10' WIDE

6" VARI*

8' WIDTH -- CROSS STREET GRADE 0.5% TO 2.0%
10' WIDTH -- CROSS STREET GRADE 2.0% TO 4.0%

SECTION A-A

CONCRETE CROSS PAN
NOT TO SCALE
VIEW

SECTION A—A

NOTES:
1. CONTRACTION JOINTS ARE REQUIRED AT EACH SIDE OF WARPED SECTION AND EVERY 10’ ALONG THE DRIVE SECTION. SEE DETAILS ON DRAWING SW1 FOR CONSTRUCTION JOINT DETAILS.
2. CHAMFER FRONT EDGE OF CURB AND DRIVE SECTION AS SHOWN IN SECTION A—A.
3. SIDEWALK THICKNESS SHALL BE 6” AT DRIVEWAY.
CONTRACTION JOINT (TYP)

RESIDENTIAL – MIN. 10’, MAX. 20’
COMMERCIAL – MIN. 10’, MAX. 30’

VIEW

SECTION A–A

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3. SIDEWALK THICKNESS SHALL BE 6” AT DRIVEWAY.
NOTES:
1. AVOID PLACING DRAINAGE STRUCTURES, TRAFFIC SIGNAL EQUIPMENT, OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS
2. RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1. THE DETECTABLE WARNING AND WELL AREA SLOPES SHALL NOT BE STEEPER THAN 20:1.
3. THE RAMP AREA SHALL RECEIVE A COARSER BRUSH TREATMENT THAN THE SIDEWALK.
4. DETECTABLE WARNINGS SHALL BE EAST JORDON IRON WORKS 7005 SERIES DETECTABLE WARNING PLATES OR APPROVED EQUAL.

SIDEWALK RAMP TYPE 1A
PLAN

RAMP PAY AREA

SECTION A–A

ISOMETRIC VIEW
SIDEWALK RAMP TYPE 2A

PLAN

SECTION A-A

NOTES:
1. THE RAMP AREA SHALL RECEIVE A COARSER BRUSH TREATMENT THAN THE SIDEWALK.

2. AVOID PLACING DRAINAGE STRUCTURES, TRAFFIC SIGNAL EQUIPMENT, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.


4. CONSTRUCTION OF THE CONCRETE PEDESTRIAN CURB TO BE INCLUDED IN THE COST OF THE CURB RAMP.

5. DETECTABLE WARNINGS SHALL BE EAST JORDON IRON WORKS 7005 SERIES DETECTABLE WARNING PLATES OR APPROVED EQUAL.
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NOTES:
1. THERE SHALL BE NO LIP WHERE THE RAMP MEETS THE GUTTER.
2. CURB RAMPS SHALL BE PROVIDED AT ALL CORNERS OF STREET INTERSECTIONS AND AT "T" INTERSECTIONS WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB.
3. RAMP SURFACE SHALL HAVE A COARSE BROOM FINISH.
4. CURB RAMPS SHALL BE POURED MONOLITHICALLY WITH THE CURB, GUTTER AND APRON.
5. RAMP DIMENSIONS SHALL BE SPECIFIED ON THE CONSTRUCTION PLANS, RAMP AND WING SLOPES SHALL NOT BE STEEPER THAN 12:1.
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TYPICAL RAMP SECTION

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ROLLOVER

MOUNTABLE CURB & GUTTER
CATCH

NOTES:

1. SUBGRADE TO BE COMPACTED TO 95% MODIFIED PROCTOR.
MEDIAN CURB & GUTTER
SPILL

VERTICAL CURB & GUTTER
CATCH

ROADWAY PAVEMENT (NOMINAL)

LEGEND FOR RADIN
A = 1/8 TO 1/4
B = 1 1/2

NOTES:
1. SUBGRADE TO BE COMPACTED TO 95% MODIFIED PROCTOR.
NOTES

1. SIDEWALK WIDTH SHALL BE SPECIFIED ON THE CONSTRUCTION PLANS.

2. LANDSCAPE TREATMENT MUST BE SPECIFIED.

3. 6" VERTICAL CURB, GUTTER, AND SIDEWALK IS REQUIRED FOR COLLECTOR AND ARTERIAL STREETS.
1. SIDEWALK WIDTH SHALL BE SPECIFIED ON THE CONSTRUCTION PLANS.

2. LANDSCAPE TREATMENT MUST BE SPECIFIED.