All Sidewalk Thickness Shall Be 6" minimum.

NOTE:
1. Sidewalk grade shall remain consistent across driveway
2. For driveway design requirements, see CONST. DWG. Series 706 & 707
3. This detail applies to Residential & Commercial driveways.
NOTE: Construct sidewalk with joints at 10' intervals and aligned with scoring on curb.

ATTACHED SIDEWALK DETAIL

LANDSCAPING
Slope: Minimum 1/ft
Maximum 3/ft
Slope sidewalk to curb 1/4" per foot.

2' min.

Variable

DETACHED SIDEWALK DETAIL

WEAKENED PLANE JOINT

1/2" Expansion Joint material

INSTALL IN LOCATIONS SPECIFIED IN CHAPTER 22

EXPANSION JOINT

SIDEWALK DETAIL

LARIMER COUNTY
URBAN AREA
STREET STANDARDS

CONSTRUCTION DRAWINGS

REVISION NO: 2

DATE: 04/01/07

DRAWING 1602
NOTES:
1. $T = \text{Concrete thickness, 6" minimum for entire ramp area.}$
2. $1:50 \text{ Max unless a landing behind ramp (then ramp can be 1:12 with 1:20 on the detectable warning).}$
3. See CONST. DWG. 1606(a) and 1607 for Fort Collins.
4. Detectable Warning to extend the full width of the ramp. Material to be approved by Local Engineer.
5. 0" Curb height, See Section A-A.

**NOT TO SCALE**

**ACCESS RAMP DETAILS**

<table>
<thead>
<tr>
<th>LARIMER COUNTY URBAN AREA STREET STANDARDS</th>
<th>CONSTRUCTION DRAWINGS</th>
<th>REVISION NO:</th>
<th>DATES:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1603</td>
<td>2</td>
<td>02/17/15</td>
</tr>
</tbody>
</table>
Note:
Use of this detail requires special approval in Fort Collins by the Local Entity Engineer.
NOTES:

1. No joints are allowed in the flowline. Six inch wide curb or "dummy joint" may be tooled no closer than 6 inches from flow line as shown.

2. Pedestrian landing area required 4 ft length x 4 ft width, max slope in any direction is 1:50 or 1/4" per foot.

3. Joint pattern to be according to intersection gutter detail or as determined by the local entity.

4. Wood float finish is required over the sloped surface of ramp and flares.

5. A 6" wide curb option may be poured along side of the ramp as shown if required. If curb is used it shall match style of adjacent curb and gutter.

6. Minimum ramp width shall be four feet, or the same as the widest adjacent sidewalk, whichever is greater, up to a maximum width of 8 feet.

7. Detectable warning is to extend full width of the ramp and be a minimum of 2.0' in the direction of travel. Material to be approved by local engineer.

8. T = Concrete thickness, 6" minimum for entire ramp area.

NOT TO SCALE

DIRECTIONAL ACCESS RAMP DETAIL & DETACHED SIDEWALK

LARIMER COUNTY URBAN AREA STREET STANDARDS
CONSTRUCTION DRAWINGS
REVISION NO: 2
DATE: 02/17/15
DRAWING 1606
Notes:

1. Set ramp slopes using the center of the ramp.

2. Truncated dome warning panel: Install panels along with the concrete pour for the ramp. Specifications for the panel material will be provided upon request.

3. Each ramp shall align perpendicular to the street in which the ramp is provided to cross.

4. Refer to standard drawing 1606 in the Larimer County urban area street standards for other necessary criteria needed to construct these ramps that is not specified on this drawing.

5. Construct the ramps and walk so the corner area all drains to the street.

6. If curb and gutter are poured monolithic with ramp, place dome edge at back of curb as shown. If not poured monolithic, place dome edge 6' from back of curb.

Legend:
- BOC - Back of curb
- P - Property Line
- PT - Point of Tangency

PLAN VIEW

NTS
Case 1 - Directional Ramps

Case 2 - Non-Directional Ramps

Case 3 - Mid-Block Ramps

Notes:
1. Truncated dome warning panel:
   - Install panels along with the concrete pour for the ramp.
   - Specifications for the panel and installation instructions will be provided upon request.
2. This drawing shows vertical curb.
   - For Drive Over Curb the warning detection location shall be placed in the same position 6" back from the back of curb.
3. If curb and gutter are poured monolithic with ramp, place dome edge at back of curb as shown. If not poured monolithic, place dome edge 6" from back of curb.

Ramp Panel Width

<table>
<thead>
<tr>
<th>Width Combinations</th>
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<tbody>
<tr>
<td>4.5'</td>
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<tr>
<td>5.0'</td>
</tr>
<tr>
<td>6.0'</td>
</tr>
<tr>
<td>7.0'</td>
</tr>
<tr>
<td>8.0'</td>
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</tbody>
</table>

Note:
- Truncated dome panels are available in 2'x2' squares and 2'x2.5' rectangles.
- Combine the widths to fill the ramp. Panels may be cut to no less than a 2'x1.5' size.
SECTION A-A

Minimum area of nose island 50 ft²

Truncated Dome Warning Detection (typ.)

Stop Bar at traffic signals

Sidewalk width shall conform to width requirements for the street classification

NOTES:
1. No storm water shall drain through pedestrian refuge.
2. Pedestrian refuge area shall be in line with cross walks.
3. Crosswalk to line up with ramp & Refuge Area.

MEDIAN ISLANDS & PEDESTRIAN REFUGE AREA
LARIMER COUNTY URBAN AREA STREET STANDARDS CONSTRUCTION DRAWINGS REVISION NO: 2 DRAWING DATE: 04/01/07 1608
NOTES:

1. Contractor to use tack coat on all contact surfaces.
2. Speed Hump shall follow crown of road with constant thickness of 4".
3. Ramp or elevated approaches may be used.
4. Speed Humps are not allowed on major collector or arterial roadways.
5. See Dwg 14-19 and 14-16 for signing and marking requirements.
6. Asphalt or concrete may be used for raised pedestrian crossings with ramp approach. Concrete only shall be used for elevated approach.
DECORATIVE CONC. CROSSWALK (PATTERNED/COLORED CONC.)

LARIMER COUNTY
URBAN AREA
STREET STANDARDS

CONSTRUCTION DRAWINGS

REVISION NO: 1610

DATE: 11/08/00
High Traffic "Street Print"
19 inch Wide Band
Soldier Course Pattern
Color to be Determined

INTERSECTION

Non-Patterned Walkway
High Traffic "Street Print"
Color to be Determined

12 inch Wide
White Stop Bar
By "Street Print"
Local Streets Only

12'

TRAVEL LANE

MEDIAN

TRAVEL LANE
TYPICAL CROSSWALK DETAIL

SOLDIER COURSE PATTERN DAVIS COLOR BRICK RED

DAVIS COLOR SAN DIEGO BUFF BROOM SURFACE

SOLDIER COURSE PATTERN DAVIS COLOR BRICK RED

1/8" RECESS
1/4"
1 1/8" MIN.
3/8" BACKER ROD

HOT Poured JOINT MATERIAL

SAWED JOINT
• LONGITUDINAL JOINT, T/3
• TRANSVERSE JOINT, T/4

SEAL AT CONSTRUCTION JOINT

12" WHITE STOP BAR BY "STREET PRINT"

10" TYP.
40" #5 REBAR @ 12" O.C.

TYPICAL CROSSWALK DETAIL

N.T.S.
6" CURB AS NEEDED FOR LANDSCAPING

1:50 max
1/4" MAX FL LIP
1:20 max
6" VISUALLY CONTRASTING CONCRETE
6"

SPEED TABLE CROSS-SECTION
N.T.S.

RAISED CROSS WALK CROSS-SECTION
N.T.S.

EDGE TAPER CROSS-SECTION
N.T.S.

RAISED CROSS WALK
LARIMER COUNTY URBAN AREA STREET STANDARDS
CONSTRUCTION DRAWINGS
DATE: 04/16/02
REVISIOIN NO: 1613
DRAWING
WIDTH A =
4' WIDE RAMP: 47-1/2''
5' WIDE RAMP: 59-1/4''
6' WIDE RAMP: 71''

Note:
Do Not Use Pieces of Brick Smaller Than Half A Brick.

Set joint gap with brick paver nipples.

Delete

Notes:
1. Contractor shall verify block out dimensions for paver brick.
2. Contractor shall make certain that block out for paver brick is perfectly square corners.
3. Dimensions shown for block out shall allow approximately 1/4'' extra length in each dimension.
4. Color of brick pavers shall be "River Red".

NOT TO SCALE
LOVELAND ONLY

Move Brick Pavers Another 6" Behind Back Of Curb.

Note:
Do Not Use Pieces of Brick Smaller Than Half A Brick.
Move Brick Pavers Another 6" Behind Back Of Curb.

Note:
Do Not Use Pieces of Brick Smaller Than Half A Brick.
SECTION A-A
Cross Section of Base Rail
(From CONST. DWG. 1701)

1 1/2" Schedule 40 Steel Pipe
1.9" O.D. Inverted "U" Rack

Refer to CONST. DWG. 1701 for dimensions

Ø=7/16"
"INVERTED U" BICYCLE RACK

SPACE REQUIREMENTS

BICYCLE RACK DETAILS

<table>
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<td>1703</td>
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</tbody>
</table>
42" BICYCLE RACK IN EXISTING BRICK PAVERS
SET IN SAND ON CONCRETE

42" BICYCLE RACK IN EXISTING BRICK PAVERS
SET IN SAND ON GRADE

BICYCLE RACK DETAILS

| LARIMER COUNTY URBAN AREA STREET STANDARDS | CONSTRUCTION DRAWINGS | REVISION NO: | DATE: 08/07/00 | DRAWING 1705 |
42" BICYCLE RACK IN EXISTING BRICK PAVERS
SET IN SAND ON CONCRETE

42" BICYCLE RACK IN EXISTING BRICK PAVERS
SET IN SAND ON GRADE

LARIMER COUNTY
URBAN AREA
STREET STANDARDS

CONSTRUCTION
DRAWINGS

REVISION NO:

DATE: 08/07/00

DRAWING 1706F
INVERTED U RACKS PLACEMENT
ALONG CURBLINE
WITH DIAGONAL PARKING

Parking Meter
4'-0" or aligned with street trees

Bike Rack
Centered between meters or 9'-0" (min.) to nearest tree, meter, or pole.

Building Face
FORT COLLINS ONLY

12" Cold Plastic

Center of Travel Lane
50'

Center of Travel Lane
50'

28'
Typical

100' (min.)

100' (min.)

SPEED HUMP (Typ.)

SECTION A-A
PARABOLIC CROWN

SECTION B-B
Curb Detail

14’ LOCAL SPEED HUMP

LARIMER COUNTY
URBAN AREA
STREET STANDARDS

CONSTRUCTION DRAWINGS

REVISION NO: 1

DATE: 03/01/02

DRAWING 1801F
FULL DEPTH ASPHALT PATCH:
THE THICKNESS OF THE ASPHALT PATCH SHALL BE ONE-INCH
THICKER THAN THE EXISTING ASPHALT THICKNESS WITH A
MINIMUM ASPHALT THICKNESS PER TABLE 25-1 OF CHAPTER 25.

NOTES:
1. All trenches shall be backfilled in accordance with the above detail unless otherwise specified by the
   Local Entity Engineer.
2. Prior to placement of asphalt/concrete, pavement edge shall be saw cut to a clean, vertical, and
   straight edge & outside of the wheel path.
3. Where the surrounding soils are non-expansive, a flowable fill may be substituted for backfill
   material.
4. Trench width shall not be more than 16" nor less than 12" wider than the outside diameter of the pipe.
5. Use a 18" long #4 epoxy rebar at 18" on centers along the perimeter of concrete panel replacement
   sections.
6. Refer to Chapter 22, Materials & Construction Specifications for compaction and testing
   requirements.
7. In unimproved areas, all disturbed areas shall be regraded, seeded & mulched.
8. In concrete roadways, a minimum of one entire concrete panel must be replaced.
9. Bedding material depth when installing storm sewer shall be up to spring line, except in areas of
   unsuitable backfill; then, bedding material shall be placed to a level 12" above pipe.

TRENCH DETAIL
LARIMER COUNTY
URBAN AREA
STREET STANDARDS
CONSTRUCTION
DRAWINGS
REVISION NO: 1
DATE: 04/01/07
DRAWING 2201
ADDITION TO EXISTING SIDEWALK

NOTES:
1. New walk additions shall be placed to the same line and grade as the existing walk.
2. Match transverse tooled joints to existing tooled joints.

TOOL JOINT FOR WALKS

NOTES:
1. Joint shall be cut 1/4 thickness of initial concrete; tool joint for walks.