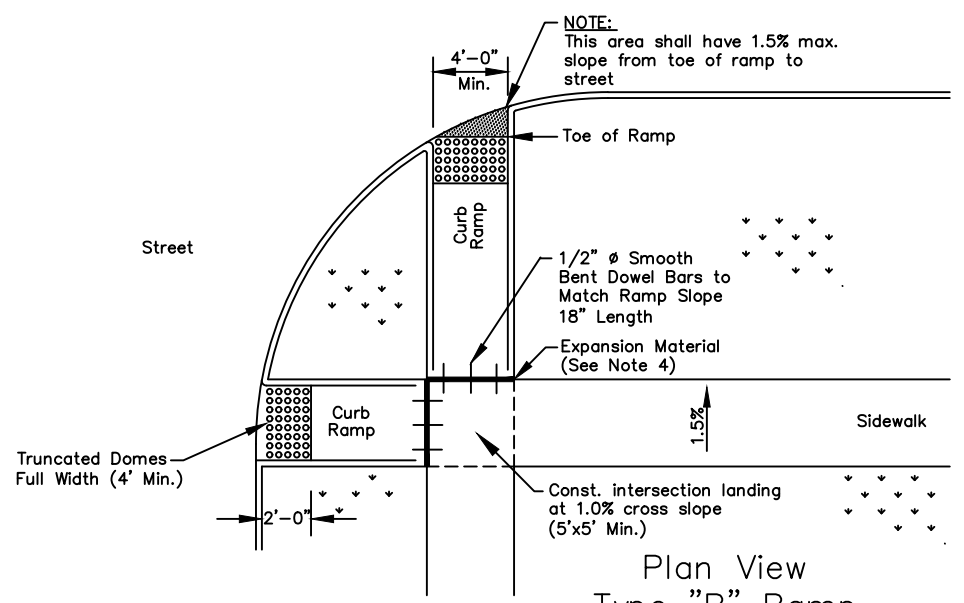


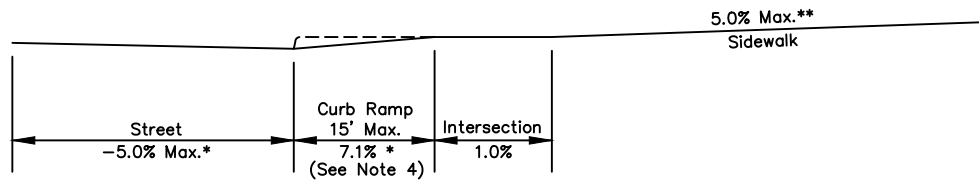
Plan View  
Type "A" Ramp  
(Not to Scale)

**NOTES:**

1. For areas where there is pedestrian traffic perpendicular to ramp construct flared sides with 8.3% slope max.
2. Landings shall be 5-ft. wide min. both ways. If width of ramp run leading to landing is wider, landing shall be widened to match ramp or sidewalk run.
3. When possible, curb ramp should be limited to a length of 15-ft. A 5-ft. landing must be constructed at the top of curb ramp run. Construct ramps at 7.1% maximum slope for City of Enid projects. Ramp slope may be increased to 8.3% or 12:1 with approval of the engineer if field conditions dictate a necessity.
4. Place expansion joint at back of curb or at intersection using 3/8" smooth dowels 12" long. Tie sidewalk to existing concrete using #3 rebar at 24" C-C.
5. Construct all sidewalks with 1.5% cross slope. If field conditions dictate otherwise cross slope may be increased to 2.0% max. with approval of engineer.
6. All ramps must comply with most current version of federal ADA guidelines for right-of-way or shall be removed and replaced at the contractors expense.
7. All curb ramps shall be wholly contained within the crosswalk.
8. Truncated domes material must be cast iron, manufacturing vendors are CASTinTACT, cast in place by ADA Solutions, or approved equal.
9. Ramps and landings with drop-offs shall have curbs, walls, railings or projecting surfaces that prevent people from slipping off ramp. Curbs shall be a min. of 2".
10. Grade breaks at the top & bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs & turning spaces. Surface slopes that meet at grade breaks shall be flush.
11. Tapered curbs, depressed curbs, saw cuts and any other items necessary to complete ramps and sidewalks is considered incidental to item.
12. Saw cuts at width of sidewalk.

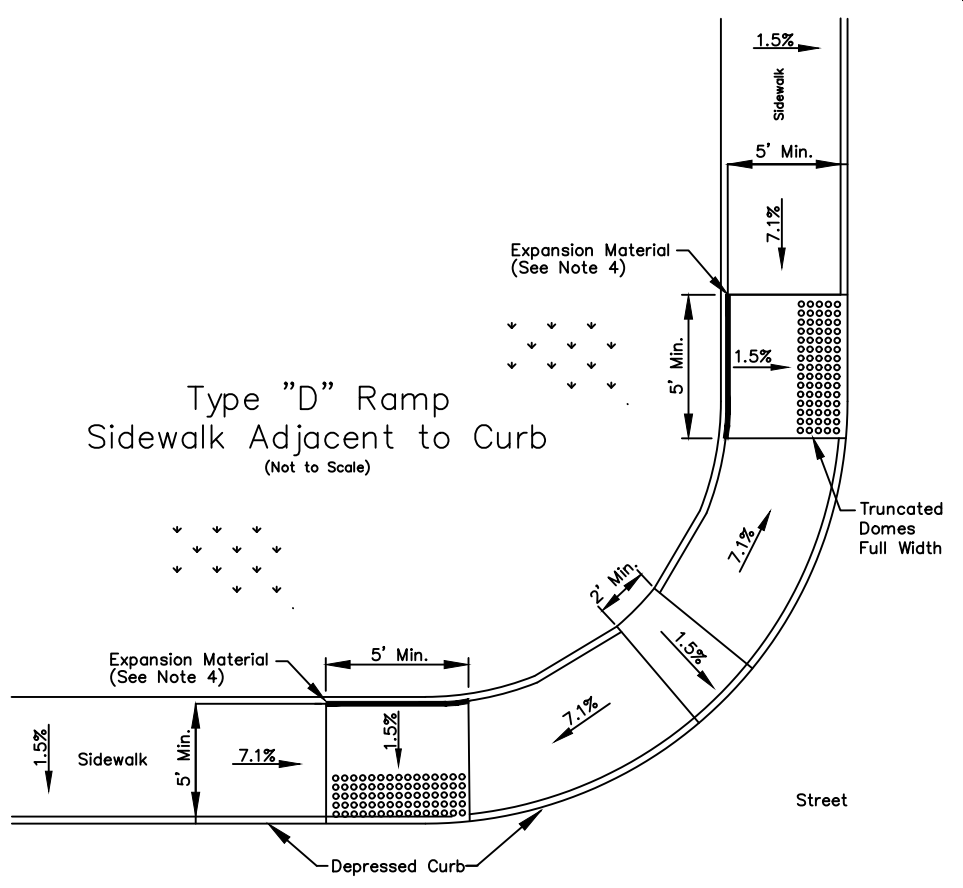


Plan View  
Type "B" Ramp  
(Not to Scale)



Typical Sidewalk Profile  
(Not to Scale)

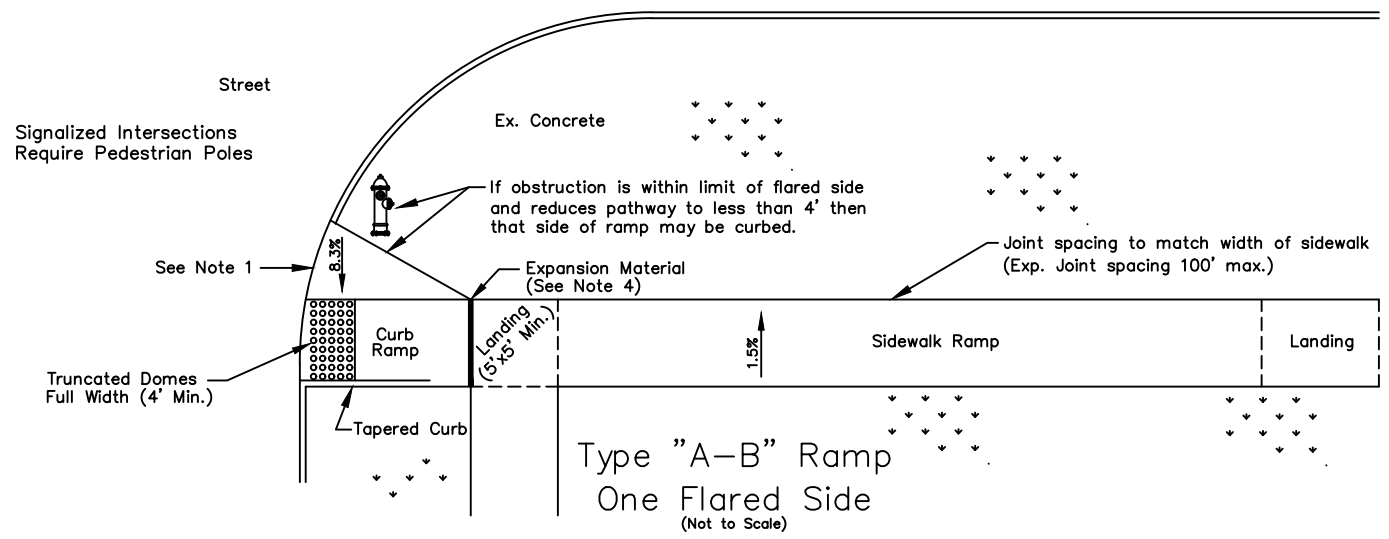
- \* Algebraic difference between any grades may not exceed 13.0% or a 24" section shall be provided between excessive grade change.
- \*\* Sidewalk grade will typically be controlled by grade of adjacent road.



Type "D" Ramp  
Sidewalk Adjacent to Curb  
(Not to Scale)

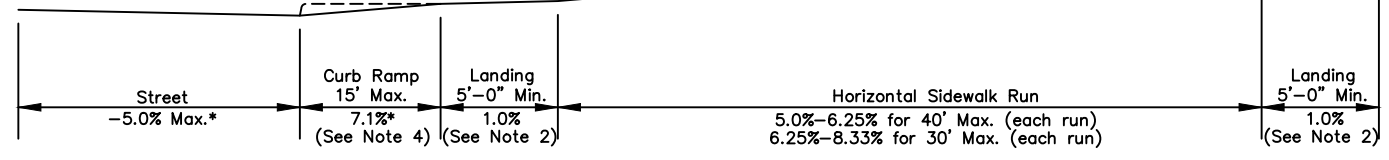
A min. 5'x5' landing shall be provided at the top and/or bottom of ramp when a change in direction occurs. All landings shall be outside of the vehicular travel path. (eg. A mid-radius ramp)

Type D ramp shall be constructed with a 6' wide sidewalk to accommodate the turning movements of wheelchairs.

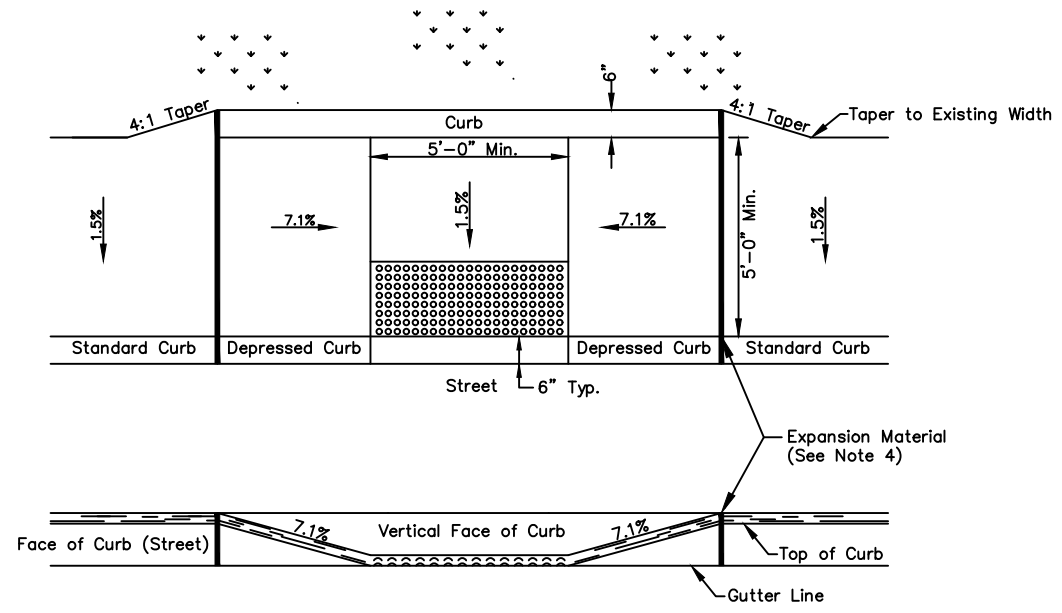


Type "A-B" Ramp  
One Flared Side  
(Not to Scale)

**Note:** If the sidewalk ramp run has a rise of greater than 6" or a horizontal projection of more than 72" then it shall have handrails on both sides. Curb ramps do not require handrails.



Sidewalk Ramp Profile  
(Not to Scale)



Parallel Curb Ramp  
(Not to Scale)

**Note:** Payment for ramps is up to 7', the rest is considered sidewalk.

The City of Enid  
401 West Owen K. Garrett Road  
Enid, Oklahoma 73702  
Tel: (580) 234-0400 Fax: (580) 234-8946  
Contact:  
Christopher Gdansk, Director of Engineering Services  
Murali Katta, P.E., City Engineer



LATEST REVISIONS	
Number	Description
1	8-11-09 Revised Note No. 3
2	2-3-10 Revised Note No. 8 approved truncated domes
3	4-4-10 Added note no. 9
4	7-28-10 Revised algebraic difference in grade between street and ramp
5	8-2-12 Changed sidewalk cross-slope from 1.0% to 1.5%
6	8-2-12 Changed Note #4 and location of expansion joints

Number: PS-5  
Location: ENID, OKLAHOMA

Sheet Title: SIDEWALK & RAMP STANDARD  
Title: CURB RAMPS & SIDEWALK



Date: Revised August 2020  
Scale: None  
H:\STDS\PS5-6.DWG  
Drawn By: TC, Rev. by SY  
Designed By:  
Approved By: MK  
Sheet: 1 of 2