

SIDEWALK CONSTRUCTION REGULATIONS

Subdivision, Land Development and Mobile Home Park Ordinance, Section 602.5

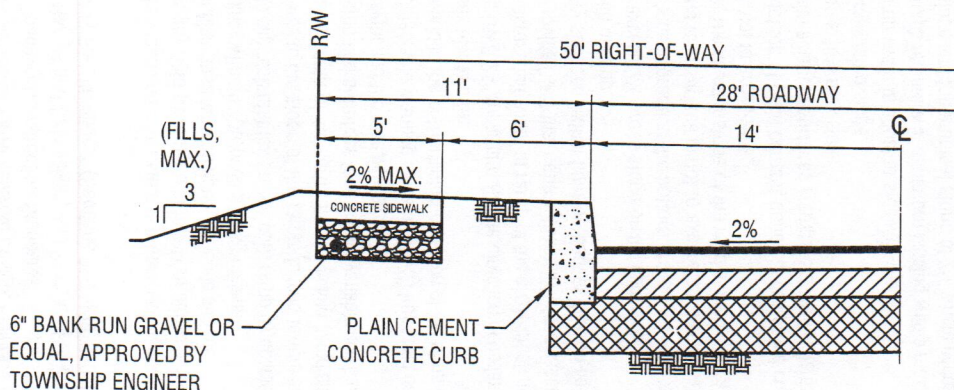
SIDEWALK CONSTRUCTION REGULATIONS

- **BOND**..... Fee for sidewalk is calculated at \$20/foot of frontage and \$5,000 per ADA accessible curb ramp (corner lots calculated using both roadway frontages).
- **LOCATION**..... Back of sidewalk (side furthest from road) along right-of-way line. In the event of a corner lot, curb ramps are required at the intersection - call for further information and to schedule a site meeting.
- **ELEVATION**..... The sidewalk shall be graded toward the roadway at a maximum slope of 2%. The grass strip shall be graded toward the roadway to provide positive drainage of the sidewalk to the roadway. Site specific topography may be cause for an adjustment - contact the Township Engineer.
- **SUBBASE MATERIAL**..... Gravel/Aggregate (to be placed on properly compacted soils).
- **SUBBASE THICKNESS**..... Minimum of six (6) inches.
- **WIDTH**..... Minimum of five (5) feet.
- **THICKNESS**..... Minimum of four (4) inches.
- **SLOPE MINIMUM**..... 0.5% (slope towards roadway).
- **SLOPE MAXIMUM**..... 2.0% cross slope
5.0% longitudinal slope
8.33% ramp slope
- **MATERIAL**..... Concrete ONLY.

NOTE:

Bond Release Procedure:

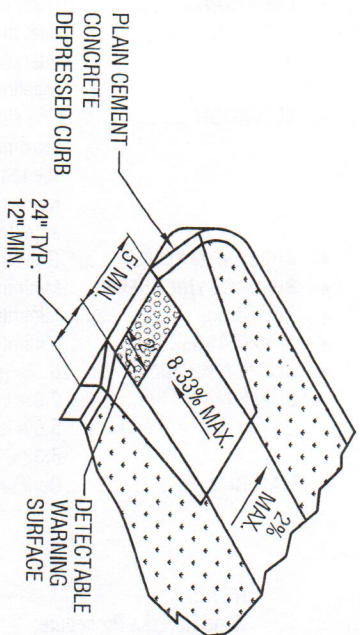
1. Written request for site inspection by Township.
2. Inspector makes recommendation (release or hold/additional work).
3. Provide property markers for evidence of right-of-way.
4. If Inspector recommends release, request is placed on Supervisor's meeting agenda for action.



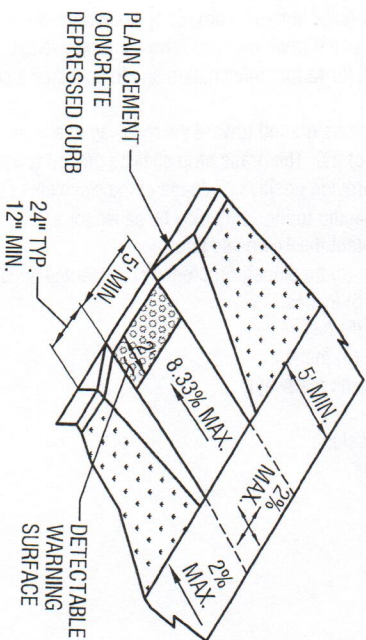
SIDEWALK CONSTRUCTION DETAIL
TYPICAL SECTION

NOTES:

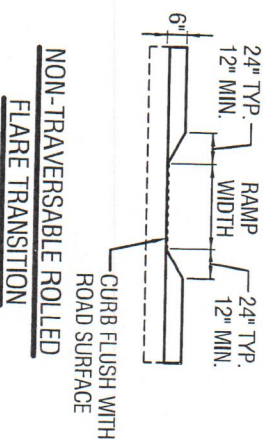
1. Provide materials and construction meeting the requirements of ADA Standards for Accessible Design, PennDOT Publication 72M "Roadway Construction Standards", PennDOT RC-67M "Curb Ramps and Sidewalks", and PennDOT Publication 408 "Highway Specifications" (Sections 350, 409, 650, 676 and 694).
2. Provide expansion joint material $\frac{1}{2}$ " thick where curb ramp adjoins any rigid pavement, sidewalk or structure with the top of joint filler flush with adjacent concrete surface.
3. Seal joints with an approved sealing material.
4. Provide slip resistant texture on curb ramp by coarse brooming transverse to the slope of the ramp. Extend texture the full width and length of the curb ramp including flared side ramps.
5. Curb ramp and side flare lengths are variable and based on curb height and the sidewalk slope.
6. Align detectable warning surface (DWS) truncated domes on a square grid in the predominant direction of the ramp and perpendicular to curb.
7. Provide DWS 24" minimum (in the direction of pedestrian travel) across full width of ramp at the grade break near street edge. Provide DWS that contrast visually with adjacent walkway surfaces, either light-on-dark or dark-on-light for the full width of ramp.
8. Do not exceed 2% cross slope on the curb ramp.
9. The change in grade at the bottom of the curb ramp and adjoining road surface is not to exceed an algebraic difference of 11%. The counter slope of the road at the foot of a curb ramp is not to exceed 5%.
10. Construct top of plain cement concrete depressed curb to be flush with adjacent surfaces (ramps, sidewalks, flares).
11. Side flares 10% max slope.
12. 8.33% max ramp slope.
13. Curb ramp width is equal to sidewalk width at 5'.
14. Curb ramps require a 5' minimum landing with a maximum cross slope and longitudinal slope of 2% where pedestrians perform turning maneuvers.



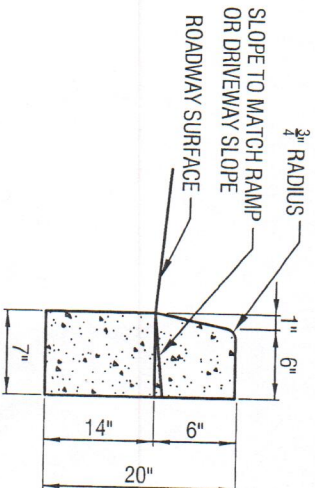
CURB RAMP (PARALLEL TO ROADWAY)



CURB RAMP (PERPENDICULAR TO ROADWAY)



**NON-TRAVERSABLE ROLLED
FLARE TRANSITION**



6" DEPRESSED CURB