

# Sidewalk and Flatwork Regulations and Requirements

Any flatwork that requires a curb cut must have a permit.

1. Flatwork placed in a street right-of-way shall be bedded with at least (2) two inches of clean washed compacted sand. **See Sidewalk Detail – SD14**
2. Concrete curbs and gutter within a street right-of way which are removed to allow access to a lot shall be saw-cut at all construction joints or otherwise cut so as to produce a clean, even joint.  
**See Curb & Gutter Detail – SD6**
3. Sidewalks shall conform to the following standards:
  - a) Be located parallel to the curb line, one (1) foot inside the dedicated right-of-way and no more than two (2) feet above or below the adjacent curb grade.
  - b) Having a continuing, common, non-slip surface that is not interrupted by steps or abrupt changes in level; and
  - c) Have a gradual adjustment in level when approaching an intersecting street or parking area with a common level at the point of such intersection.
  - d) Sidewalk ramps are required at all street intersections including on the “through” street at “T” intersections.
  - e) Be doweled into existing curbing, as applicable.
4. Sidewalks must be continuous with joints; provided at 40’-0” center to center max. The joint must be made with the use of #4 rebar dowels 12 inches in length spaced a minimum of 16 inches on center. For sidewalks that will not have connecting sidewalks completed immediately, a sleeve must be installed in the concrete to accept the required dowels once the sidewalk is continued.
5. Transverse expansion joints one-half (1/2) inch thick shall be installed at the connecting points to the foundation, at every forty (40) linear feet of sidewalk, and expansion joint material one-half (1/2) inch thick shall be placed between the backs of curbs and sidewalks or driveway approaches at all joints between new and existing construction.
6. Dowels shall be installed at the connecting points to the foundation and at all sidewalk cold joints. Two dowels shall be installed at each curb cut at existing gutter. Cold joints are to be doweled with #4 rebar.
7. Water lines must be continuous without connections or joint and sleeve, under sidewalks for residential construction.
8. Slab depth for sidewalks and driveways shall conform to the following standards:
  - a) All new concrete sidewalks, except at driveways is recommended to be at least four (4) inches thick and shall be placed over two (2) inches of clean washed compacted sand. Replacement sidewalk shall consist of removal and disposal of existing concrete, then placement of new concrete four (4) inches thick. Undercutting may be required at the inspectors’ discretion. Any undercut areas will have to be replaced with sand bedding compacted in place.
  - b) If the base is over excavated where the curb and gutter has been removed, backfill with concrete monolithically with the driveway. **See Concrete Driveway Detail - SD15**

## Plan Requirements:

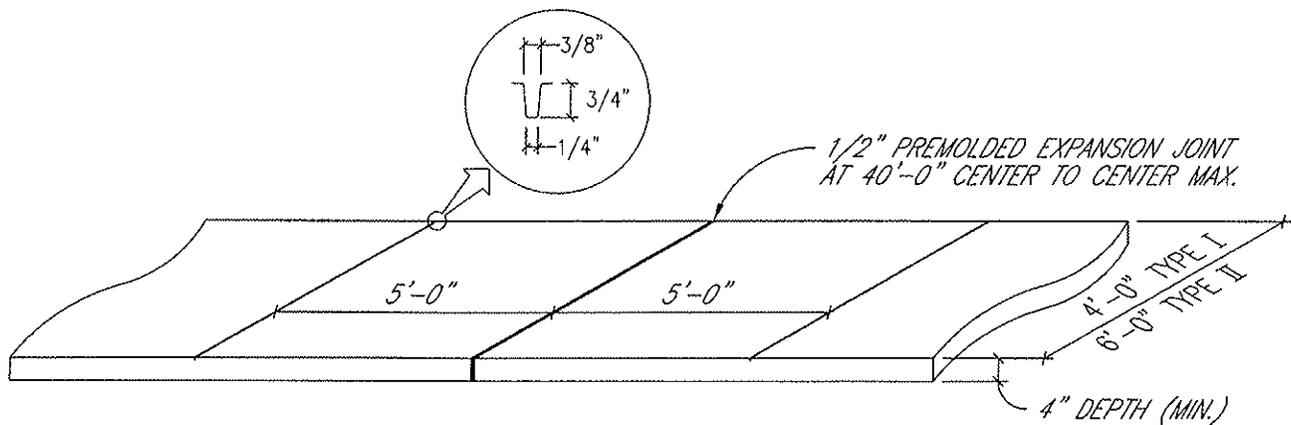
1. Miscellaneous Application.
2. Plot Plan or survey. A Plan that shows:
  - The property lines, buildings, fences, houses etc.
  - The location of the proposed flatwork showing size and spacing
  - List of materials showing size of rebar, dowels, etc.

## Permit Fee:

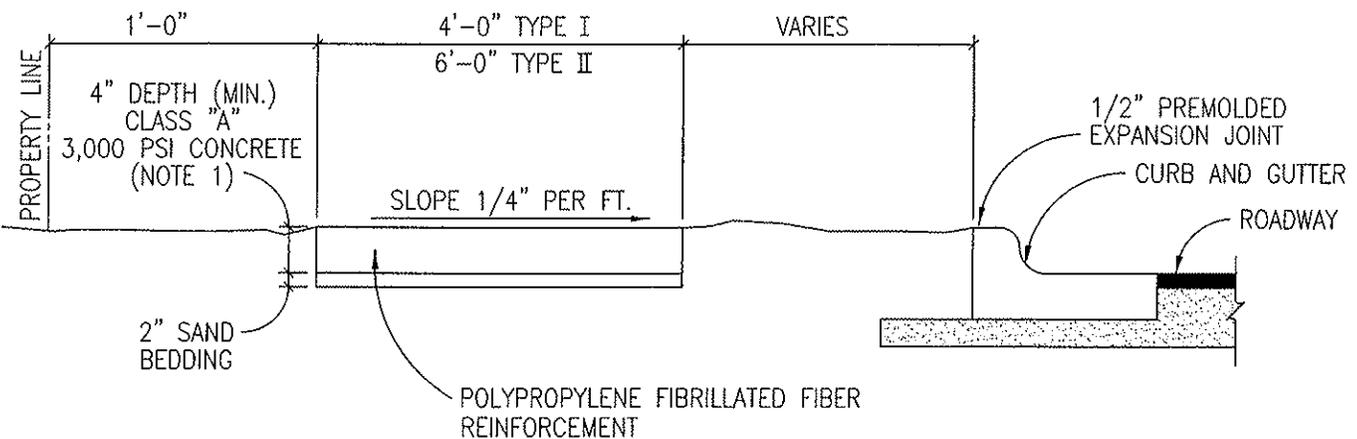
\$48.00

**Permits to install new or repair sidewalks and/or curb cuts must be obtained prior to construction.**  
Construction of sidewalk for new building construction is covered under the Building Permit for that work.

**Note: Additional approval and fees may apply from the Engineering Department.**



TYPE I - AS REQUIRED FOR RESIDENTIAL LOTS AND LOTS ADJACENT TO LOCAL STREETS AND MINOR COLLECTORS.  
 TYPE II - AS REQUIRED FOR COMMERCIAL LOTS AND LOTS ADJACENT TO MAJOR AND MINOR ARTERIAL STREETS, MAJOR COLLECTORS AND INDUSTRIAL STREETS.



NOTES:

1. FOR ROLLER STAMPED SIDEWALK: MATCH TO SPECIFICATIONS.
2. STANDARD LOCATION OF SIDEWALK IS OFF BACK OF CURB. SPECIAL DESIGNS MAY BE APPROVED BY THE CITY ENGINEER, PRIOR TO FINAL DESIGN.
3. SIDEWALK SHALL CONFORM TO CURRENT AMERICANS WITH DISABILITIES ACT STANDARDS.
4. ALL SIDEWALKS SHALL BE SUBMITTED AND APPROVED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION BY THE ENGINEER OF RECORD.
5. ANY VARIANCE IN TEXTURE, GRADE OR ALIGNMENT MUST BE APPROVED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION.

ISSUE DATE: FEBRUARY 2005

# CITY OF PFLUGERVILLE

DWG. #SD-14

## REVISIONS

SD12.DWG

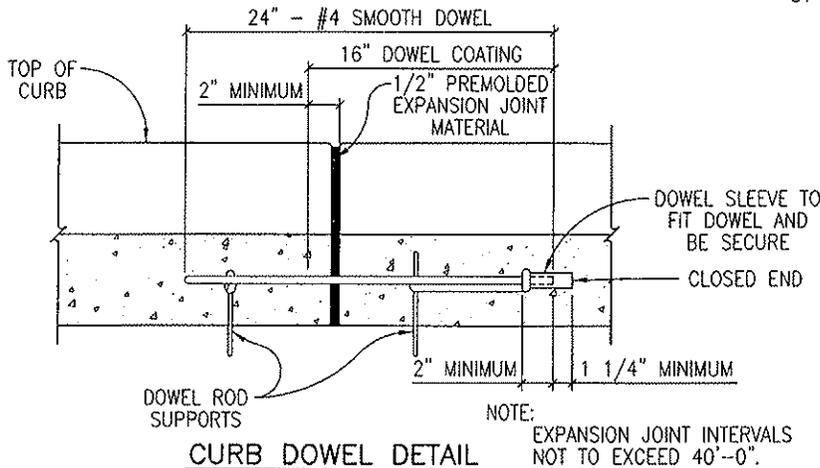
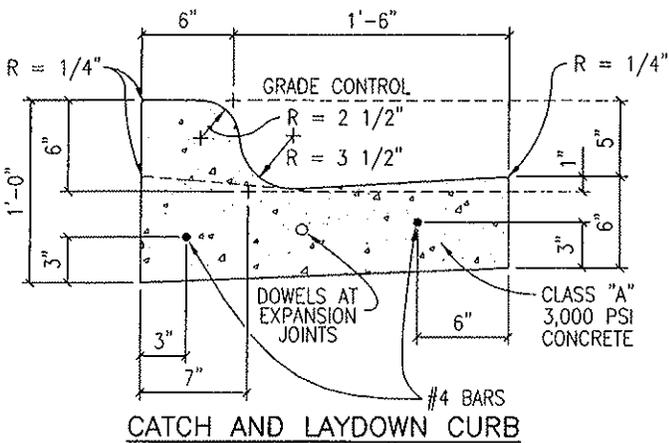
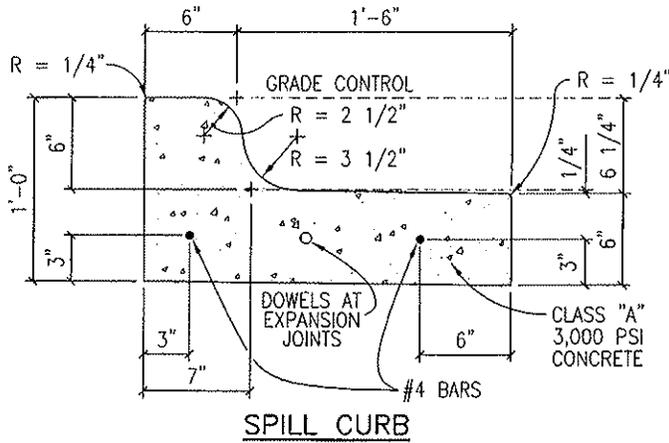
## SIDEWALK SECTION AND JOINT DETAIL



DATE	APPROVED	DRAWN

## CONSTRUCTION STANDARDS AND DETAILS

SCALE: N.T.S.



**NOTES:**

1. ALL WORK AND MATERIAL SHALL CONFORM TO ASTM A615, A615M, C309, AND D1752. BROOM FINISH EXPOSED SURFACE.
2. CONTRACTION JOINT SPACING 10' MAX.
3. EXPANSION JOINTS AS PER STD. ASTM D-1752.
4. 1/2" EXPANSION JOINT MATERIAL SHALL BE PROVIDED WHERE CURB IS ADJACENT TO SIDEWALK OR RIP-RAP.
5. TRANSITIONS BETWEEN CURBS OR DIFFERING CROSS SECTIONS SHALL OCCUR OVER A 20 FOOT LENGTH AS APPROVED BY THE ENGINEER OR THE CITY OF PFLUGERVILLE.
6. ALL CONCRETE SHALL BE CLASS A, 3000 PSI.
7. ALL SURFACES THAT ARE CHIPPED OR OTHERWISE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED.
8. ONE OF THE FOLLOWING SCHEMES OF REINFORCEMENT SHALL BE REQUIRED. THE MANNER OF PLACEMENT AND LOCATION SHALL BE TO THE SATISFACTION OF THE ENGINEER OR THE CITY OF PFLUGERVILLE.
  - A. CURB AND GUTTER (REINFORCED) SHALL HAVE LONGITUDINAL REINFORCING BARS AS FOLLOWS: TWO #4,
  - B. ALL TYPES OF CURB (REINFORCED) SHALL HAVE #4 BAR FOR LONGITUDINAL REINFORCEMENT.
9. REINFORCING BARS SHALL BE LAPPED A MINIMUM OF 15 INCH.

ISSUE DATE: FEBRUARY 2005

REVISIONS

DATE	APPROVED	DRAWN

SCALE: N.T.S.

**CITY OF PFLUGERVILLE**

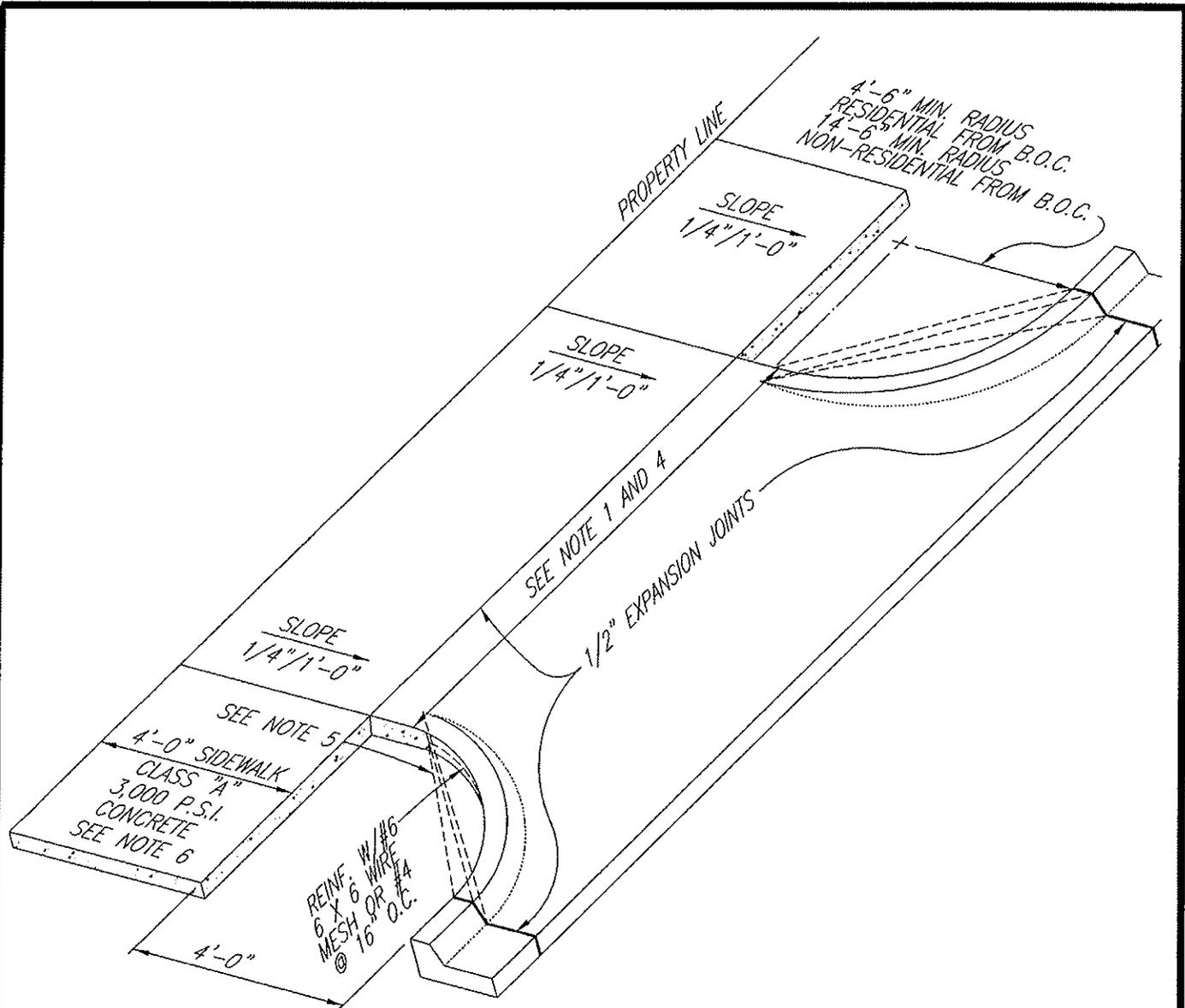
**CURB AND GUTTER DETAILS**

**CONSTRUCTION STANDARDS AND DETAILS**

DWG. #SD-06

SD07.DWG





NOTES:

1. MAXIMUM WIDTH OF APPROACH SHALL BE 24'-0" FOR RESIDENTIAL, 35'-0" FOR NON-RESIDENTIAL.
2. DRIVEWAY PERMITS TO BE ACQUIRED FROM CITY INSPECTION OFFICE.
3. SPACING OF DRIVEWAY CUTS SHALL BE AS REQUIRED BY THE CITY'S SUBDIVISION AND SITE DEVELOPMENT CODES.
4. MINIMUM WIDTH OF APPROACH SHALL BE 10'-0" FOR RESIDENTIAL AND 15'-0" FOR NON-RESIDENTIAL.
5. LINEAR "RADIUS" AT CORNERS, PERMITTED FOR "SINGLE FAMILY" OR "TWO FAMILY" RESIDENTIAL DRIVEWAY APPROACH.
6. SIDEWALK LOCATION TO BE APPROVED BY CITY ENGINEER PRIOR TO FINAL DESIGN.

ISSUE DATE: FEBRUARY 2005	<b>CITY OF PFLUGERVILLE</b>	DWG. #SD-15
REVISIONS	CONCRETE DRIVEWAY APPROACH TYPICAL	SD16.DWG
DATE	APPROVED	DRAWN
SCALE: N.T.S.		CONSTRUCTION STANDARDS AND DETAILS