

Bexar County Construction Specifications

All construction shall be performed in compliance with the following standards and specifications:

1. Cutting and Replacing of Concrete Curbs:

- **Curbs shall be vertically cut with a concrete saw.**
- **Reinforcing steel dowels (one #4X2'-0" bar at each end of cut) shall be used to tie to the existing curb. Bar to be replaced at the center of the curb. Expansion joint will be provided at this cut between the old and the new curb.**
- **Concrete for the curb replacement shall be minimum 2,500 P.S.I. in 28 days.**
- **Replaced or new curb sections shall be finished to match existing curbs.**

2. Cutting of existing and/or placing of new concrete sidewalks:

- **Walks shall be vertically cut with a concrete saw.**
- **A complete section of walk shall be removed, backfill shall be well tamped prior to replacement or placement of new walks.**
- **Reinforcing steel dowels (#4X2'-0" bars spaced 18" on center) shall be used to tie to existing walk and for new walks at every expansion joint.**
- **Expansion joints shall be provided for new sidewalks spaced at least every 20 feet, but no more than every 24 feet, along the full length of the sidewalk. Also, an expansion joint with dowels will be installed between sidewalk and driveway. Dummy joints will be provided every four feet for full length of sidewalks.**
- **Sidewalks shall be four-inch minimum thickness.**
- **Concrete for the sidewalk shall be reinforced with 6"x 6" x #12 gauge wire mesh pieced at the vertical center of the sidewalk.**
- **Concrete for the sidewalk shall be minimum of 2,500 P.S.I. for 28 days.**
- **Replacement sidewalk sections shall have a surface finish to match existing adjacent walks.**
- **New sidewalks shall have a broomed finish, with troweled edges and dummy joints every four feet.**

3. Placing of Concrete Driveways:

- **Once the existing concrete curb and/or sidewalk has been removed from the proposed driveway opening, the asphalt road or street shall be vertically cut with a concrete saw for the full length of the opening, so as to provide a straight vertical face for the new depth of the concrete at this interface, which shall be at least 6 inches. A lip shall be provided at the juncture of the driveway ramp with the roadway. This lip shall have the thickness of a 2" x 4' piece of lumber secured flush with the sawed edge of the roadway (nominal height of 1 ½ inches.)**
- **The width of driveways and radii at curb returns as well as the other criteria and standards are detailed for each condition or situation on the attached summary of driveway regulations.**
- **Backfill shall be well tamped prior to placement of concrete driveway(s).**
- **Where driveway ties to an existing sidewalk, reinforcing steel dowels (#4 x 2'-0" bars spaced at 18" on center) shall be used with an expansion joint at the interface.**
- **Driveway shall be six (6) inches minimum thickness at the interface with the roadway. The ramp may be reduced to a minimum of four (4) inches at the property line.**
- **Driveway shall be reinforced with #4 bars in both directions tied in a 12 inch grid and placed so as to be in the vertical center of the driveway after concrete is laid.**
- **Concrete for the driveway placement shall be a minimum 2,500 P.S.I. in 28 days.**
- **Driveway sections shall have a broomed surface finish with troweled rounded edges at all the joints. Dummy joints will be provided at least every 20 feet for the full length and width of the driveway.**