



COUNTY OF BEXAR

PUBLIC WORKS DEPARTMENT

233 N. Pecos La Trinidad, Suite 420
San Antonio, Texas 78207-3188
Main 210-335-6700

STANDARD SPECIFICATIONS FOR BEXAR COUNTY RIGHT-OF-WAY PERMITS

General Requirements

- 1) A site development plan shall be drawn to scale, and shall indicate:
 - a. Dimensions and locations of sidewalks, pedestrian passing spaces, driveways, curb ramps or median crossovers being requested,
 - b. Locations of existing and proposed roads or roadway intersections if within 100 feet of the site, and
 - c. Locations of existing or proposed structures, storm sewer inlets, fire hydrants, curb ramps, utility poles, fences and service fixtures within 20' of the proposed improvement within the right-of-way.
- 2) Any work in a floodplain will require a floodplain development permit.
- 3) Separate permits are required for temporary construction and permanent entrances.
- 4) Drip irrigation (or equivalent) systems will be permitted provided an approved City of San Antonio irrigation permit (in the ETJ) and an approved license landscape agreement is submitted with the application. No other irrigation system will be allowed.
- 5) Monuments or "special" landscaping will not be permitted without an approved license landscape agreement.
- 6) All utility road crossings will be bored a minimum of 30 inches below the pavement structural section. Water jetting under a street will not be permitted. Casing will be required on any pressurized utility line crossing. No open cuts will be permitted on any paved roadway, curb, sidewalk, or driveway unless utility connection is located within the street.
- 7) If a partial or total road closure will be needed, a traffic control plan shall be submitted with the permit application.
- 8) For all work that requires a partial road closure, Contractor will maintain at least one (1) 12-foot traffic lane, controlled with flagmen, during working hours and open the roadway up to two (2) traffic lanes (24 ft.) during all non-working hours. Contractor will furnish and maintain all required traffic control devices, per TMUTCD and as directed by the design Engineer, to properly warn, guide, and control traffic at all times during construction.
- 9) For work that requires a total road closure, Contractor must notify Bexar County Public Works Traffic Section (210-335-6700) **at least 72 hours before** closing the road.
- 10) Notify the Inspection Section at 210-335-6700 with permit number at least 24 hours before starting the activity. No inspection shall be made without a permit.
- 11) Storage of materials within 10 linear feet of edge of pavement without appropriate traffic safety barrier is prohibited.
- 12) Driveway, sidewalk and curb repairs will follow current City of San Antonio specifications.
- 13) All disturbed ADA routes must be brought up to current ADA standards. (Brick pavers, slopes, etc.)
- 14) Alternative ADA accessible routes shall be designated during construction where an existing accessible route is disturbed.
- 15) When a driveway culvert is required or replaced, the minimum pipe size for the culvert shall be 15 inches, unless a larger diameter pipe is required as determined in the field or during the permit review (e.g., larger pipe cross-sectional area will be required if the existing culvert upstream of the proposed driveway is larger the proposed culvert). (See Culvert Detail).
- 16) Concrete end treatments, safety end treatments and/or headwalls, shall be installed where culverts under roadways, driveways, or other structures in the right-of way are required,

- modified or replaced. (See Culvert Detail).
- 17) Where existing guardrail is removed, it shall be replaced according to latest version of TxDOT standards.
 - 18) Trenches excavated in parkways where existing surface grade exceeds 5% shall require cement stabilization or approved equivalent. The cement stabilized base will consist of a 1½-2 sack mix per CY with the trench being over excavated by at least one foot on each side to a depth of 6"-8" for the stabilized base backfill. (See Cement Stabilized Trench Backfill Detail).
 - 19) Trenches excavated outside of the roadway and within 2 linear feet of the edge of pavement shall be backfilled with cement stabilized as noted above or approved equivalent. (See Cement Stabilized Trench Backfill Detail).
 - 20) All damaged pavement shall be reconstructed to existing or better condition. Limits of reconstruction shall be determined by the Development Services Engineer or Inspector.
 - 21) Where roadway markings are added or replaced, thermoplastic pavement marking material shall be used in accordance with the latest TxDOT standards.
 - 22) Pavement design for auxiliary lanes abutting an existing road shall be minimum 2" HMAC Type D (or Type C) and 12" HMAC Type B or match existing pavement section (if known).
 - 23) If crack sealing is required, the sealant shall be hot pour.
 - 24) If a chip seal is required, follow TXDOT Spec Item 316. Use CRS-2P emulsion at a rate of 0.30 gal/SY with a Grade 5T, Trap rock aggregate at a rate of 16.5 #/SY.
 - 25) If a fog seal is required, [Specified Appropriate Types] at a rate specified by the manufacturer.
 - 26) If a mail box is replaced, the mail box shall comply with the latest version of TxDOT standards.

Trenches

Roadway

- 1) If a trench cut is allowed, trench repairs on roadways with pavement over 5 years old or have an OCI less than 85 will require minimum patch width of 10' with no less than 2' of pavement extending outside open cut edge in all directions at a minimum. Intersections, knuckles, cul-de-sacs, and roadway pavement that is less than 5 years old or has an OCI greater than or equal to 85 may require additional pavement replacement. Existing asphalt to be removed shall be saw cut, milled and overlaid as determined during the permit review.
- 2) Unless otherwise noted in the issued permit, trenches are to be back filled no less than 10" from bottom of final surface treatment with flowable fill. Above the flowable fill, a minimum 10" Type B HMAC and no less than 2" of HMAC Type C asphalt benched 1' outside trench will be required. *New roads may require 2" HMAC Type "D" asphalt.*
- 3) Curb repairs that disturb the edge of roadway will require minimum 18" wide asphalt replacement (minimum 2" depth) from the face of curb. The replacement will extend a minimum of 18" from each end of the curb replacement area.
- 4) For additional repair information, please refer to General Requirements 20 through 25.

Driveway

- 1) If a bore underneath an existing driveway is not possible, the entire driveway will need to be replaced from ROW to edge of pavement or curb.
- 2) For additional repairs, please refer to Trenches – Roadway and General Requirements 12 through 19.

Sidewalk and Curb

- 1) If a bore underneath an existing sidewalks or curb is not possible, the sidewalk and/or curb will need to be replaced from expansion joint to expansion joint.
- 2) For additional repairs, please refer to Roadway Trenches and General Requirements 12 through 19.

Emergency Repairs

A repair is considered to be an emergency if:

- a) Repair will protect public health or safety; and
 - b) Repair must be started before obtaining a ROW permit.
- 1) Submit a Bexar County ROW permit application within 24 hours of the start of the repair. (Fax 335-6713; email: row.permit@bexar.org)
 - 2) Provide photographs, plan and/or detail of area of repair identifying description of work (e.g. driveway, sidewalk, roadway, drain structures etc.)
 - 3) Permanent repairs are to be completed within a month of permit application submittal and require a Bexar County Inspector to be present during construction.