

Sign Requirements

Traffic signs shall be used in accordance with the latest revision of the Texas Manual on Uniform Traffic Control Devices (TMUTCD) and where justified by engineering judgment or study. Traffic signs include regulatory signs, warning signs, street name signs and object markers.

All signs shall be shown in the engineering plans for review and approval as part of the plan & profile sheet or separate signing & pavement marking layout sheet. The engineering plans shall include sign location, name, designation and size. Sign standards shall be included in the engineering plans.

Installation

The Contractor shall furnish and install all regulatory, warning and street name signs and sign mounts in accordance with approved engineering plans.

Mounting

The Wedge Anchor Steel System and Thin-Walled Tubing Post shall be used for signs with up to 10 square feet of sign area. Materials and installation should follow the Texas Department of Transportation (TxDOT) Traffic Standards SMD (GEN) – 08 and SMD (TWT) – 08.

The Triangular Slip Base System and 10 BWG Tubing Post shall be used for signs that have 10 to 16 square feet of sign area. Materials and installation should follow the TxDOT Traffic Standards SMD (GEN) – 08 and SMD (SLIP-1 – 3) – 08.

Object markers materials and installation should follow the TxDOT Traffic Standards D & OM (1 – 5) – 10.

Materials

Sign materials including aluminum sign blanks and sign face materials should follow the TxDOT Traffic Standards TSR (1 – 5) – 08 and Departmental Material Specifications DMS-7110 and DMS-8300.

The City of New Braunfels will inspect all signs at final inspection.



Pavement Marking Requirements

Pavement markings shall be used in accordance with the latest revision of the Texas Manual on Uniform Traffic Control Devices (TMUTCD) and where justified by engineering judgment or study.

All pavement markings shall be shown in the engineering plans for review and approval as part of the plan & profile sheet or separate signing & pavement marking layout sheet. Design, materials and installation should follow TxDOT Traffic Standards PM (1-4) – 12. City of San Antonio Traffic Engineering Standards for pavement markings designating traffic lanes, lane usage & lane regulations and pedestrian/bicyclist accommodations may be used for additional standard design details. Marking standards shall be included in the engineering plans.

All pavement markings shall be Type I Hot Applied Thermoplastic and meet TxDOT Departmental Material Specifications DMS-8220. Type II Traffic Paint markings shall only be used as sealer and meet TxDOT Departmental Material Specifications DMS-8200.

The Contractor shall notify the City of New Braunfels at least twenty-four (24) hours prior to the installation of all sealer and final markings. The Contractor may be responsible for placing spot tabs before marking application. The City will inspect all markings at final application.