SECTION A

GENERAL NOTES:

- Provide Class C concrete (f'c = 3600 psi).
- Provide Grade 60 reinforcing steel.
- Chamfer all exposed edges unless noted otherwise.
- All concrete finishes must be smooth and finished with the following paints or approved equivalent.

BASE COLOR: SHERMAN WILLIAMS 6142 "MACADAMIA"

- 423, "Retaining Walls", Table 2.
- This conduit may be cut to exact dimension shown on the TMS or other electrical system detail sheet when installed.

Electrical system conduit: Use 6' minimum radius sweeps for bends. No 90 degree elbows are permitted. Install pull tape in empty conduit. Pull tape must have 1250 lbs. minimum tensile strength, and must be threaded and capped.

Type DS fill must conform to Item 433, "Retaining Walls", Table 2.

DOSB must be paid under Item 650 "OVERHEAD SIGN SUPPORTS" or as shown in the plans.

- Provide Class C concrete (f'c = 3600 psi).
- All connection bolts must conform to Item 447 "Structural Bolting".
- All concrete finishes must be smooth and finished with the following paints or approved equivalent.

BASE COLOR: SHERMAN WILLIAMS 6142 "MACADAMIA"

- Provide Grade 60 reinforcing steel.
- Chamfer all exposed edges unless noted otherwise.
- All concrete finishes must be smooth and finished with the following paints or approved equivalent.

SAN ANTONIO DISTRICT STANDARD SHEET 1 OF 4

HILL COUNTRY THEME CANTILEVERED OVERHEAD SIGN SUPPORT (CROSS)

CONTRACTOR is responsible for verifying all dimensions and quantities in the field before beginning work.

Cover dimensions are clear dimensions, unless noted otherwise. Reinforcing bar dimensions shown are out-of-out of bar.

Contractor is responsible for verifying all dimensions and quantities in the field before beginning work.

Cover dimensions are clear dimensions, unless noted otherwise. Reinforcing bar dimensions shown are out-of-out of bar.
This bar may be stopped at Section B to make room for the chord stubs.

Contractor is responsible for verifying all dimensions and quantities in the field before beginning work.

Cover dimensions are clear dimensions, unless noted otherwise. Reinforcing bar dimensions shown are out-to-out of bar.

Provide #3 reinforcing bars at 18" Spa c-c, or Welded Wire Reinforcement (WWR) as 6x6/2x2.5x2.5 or 6x6x3.3.

Provide 3" clear cover at edges and minimum 1" clear cover top and bottom.

Design depth

DRILLED SHAFT DETAIL

SECTION A

SECTION B

SECTION C

SECTION D

SHEET 2 OF 4

SAN ANTONIO DISTRICT STANDARD

Texas Department of Transportation
San Antonio District (Structural Design)

PREPARED BY AND FOR THE USE OF TxDOT

REVISIONS:

CANTILEVERED OVERHEAD SIGN SUPPORT (COS)

SPANS UP TO 40 FEET
TRUSS DETAIL - PLAN

See Standard Sheet OSBC for truss details not shown here.

If single shear chord splices conflict with the gusset plates, then use double shear splices.

TRUSS DETAIL - ELEVATION

See Standard Sheet OSBC for truss details not shown here.

DEAD LOAD DEFLECTIONS

40' SPAN 2-4

TRUSS DETAILS

Maximum span

<table>
<thead>
<tr>
<th>#</th>
<th>Width x Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>40'</td>
<td>4.5' x 4.5'</td>
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</tbody>
</table>

Chord

Dead load diagonal

Wind load diagonal

Dead load vertical

Wind load strut

Truss dead load

Size of HS bolts in splice connection

W. diameter

No. & size of M5 bolts in chord

No. & size of tie rod in concrete column

Number of High Strength (HS) bolts required in truss connection or splice are indicated with brackets [ ] after the member size.

- "Low-Alloy Steel" for non-bridge structures per Item 442, "Metal For Structures".
- "Carbon Steel" for non-bridge structures per Item 442, "Metal For Structures".

All truss members are angles.