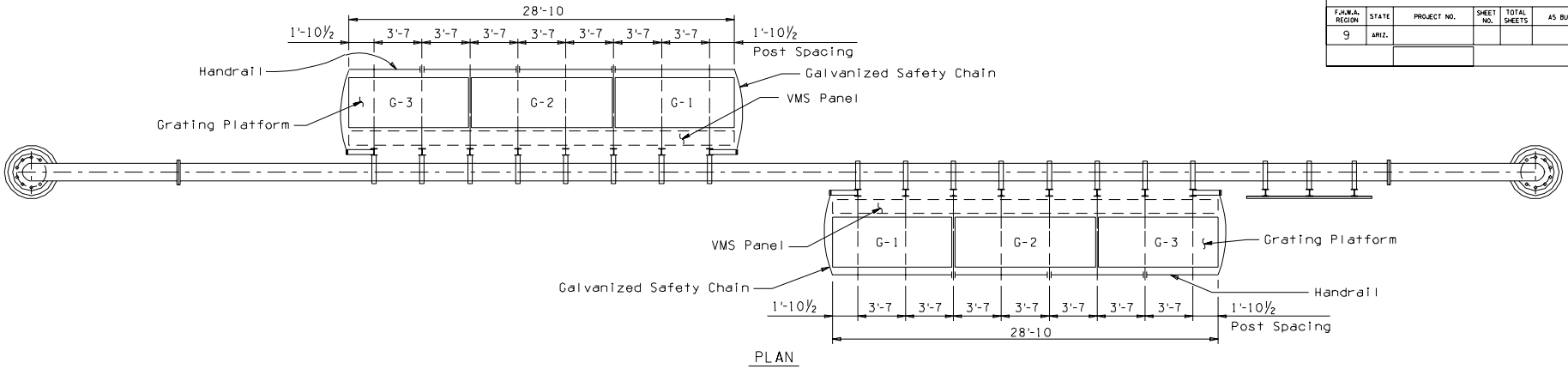
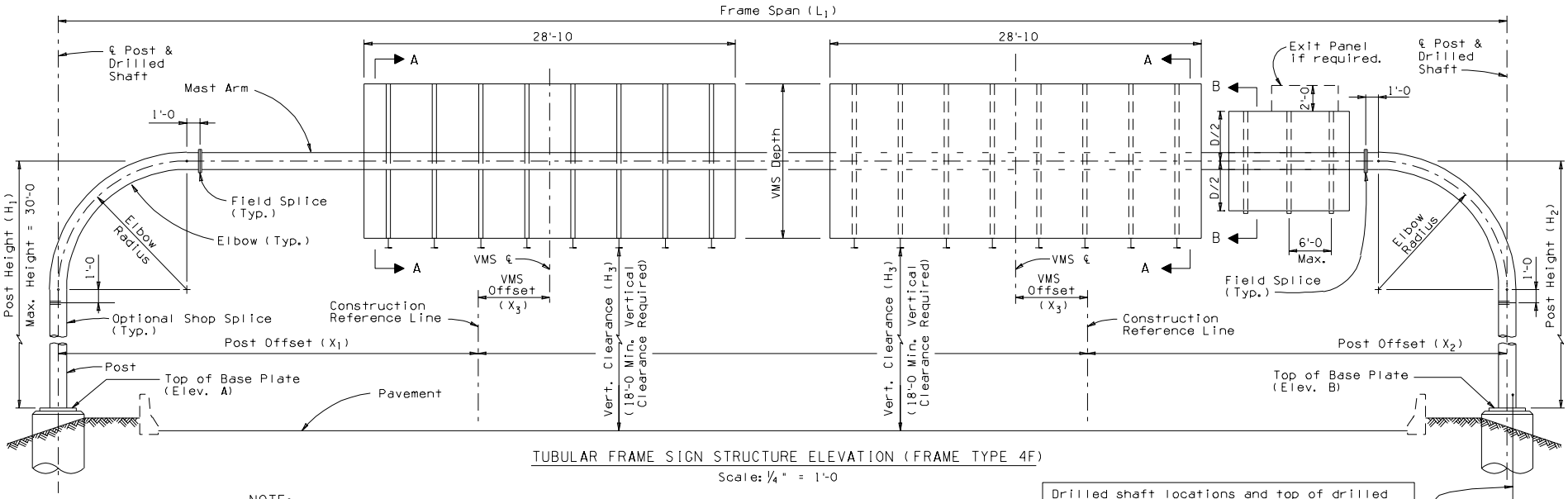
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



PLAN



TUBULAR FRAME SIGN STRUCTURE ELEVATION (FRAME TYPE 4F)

Scale: ¼" = 1'-0

Drilled shaft locations and top of drilled shaft elevations shall be field verified by the Contractor prior to fabrication of posts.

Provide Electrical Grounding

NOTE:

1. Tubular frame structure TYPE 4F SD 9.20 shall be used for support of Dual VMS panels on a single tubular frame.
2. See SD9.50(1of5) Sheet 1 of 5 for overhead sign notes.
3. VMS frame summary table should be included in the project drawings (VMS Location/Elevation Sheet) with location dimensions (H_1. H_2. ..... X_2. X_3).
4. Maximum traffic sign panel area should not exceed 260 square feet, with two VMS panels mounted on tubular frame.

VMS DESCRIPTION

Depth = 9'-2
Length = 28'-10
Weight = 3000 lbs.

NOTE:

See SD 9.50 (2 of 5) for SECTION A-A.
See SD 9.50 (3 of 5) for SECTION B-B.
For General Notes see SD 9.20(1 of 5).
For Camber Diagram see SD 9.20(3 of 5).
For Foundation Details see SD 9.20(2 of 5).
(Provide 8½ inch diameter hole in center of column base plate to accommodate conduits)
For Frame and Handhole Details see SD 9.20(3 of 5)
For Sign Support Details see SD 9.20(4 of 5).
For Overhead Light Details see SD 9.20(5 of 5).

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION **BRIDGE GROUP STRUCTURE DETAIL**
Shafi U. Hasan	
APPROVED FOR DISTRIBUTION: J. Daniel Dorn	DUAL VARIABLE MESSAGE SIGN TUBULAR FRAME
ROUTE / LOCATION	DRAWING NO. SD 9.51
TRACS NO.	___ OF ___