

NOTES:

All anchor bolts shall conform to ASTM F1554 Grade 55 Specifications. The upper 1'-2 and lower 6" shall be threaded. The upper 1'-8 shall be galvanized in accordance with the requirements of ASTM A153.

Provide 2 Hardened Steel washers, 2 Hex nuts and one leveling nut for each bolt. At final position of post, all top and bottom anchor bolt nuts shall be wrench tightened against base plate.

Drilled shaft concrete shall be class 'S' concrete and placed against undisturbed material or compacted embankment.

Provide bolt template during installation of anchor bolts. The bolt template shall be fabricated of 1/4" thick (Min) steel plate, similar to anchor plate details, and both the bolt template and the anchor plate shall be drilled to match the base plate.

GROUNDING NOTES:

A 25 feet long coil of No. 4 AWG bare copper grounding wire shall be installed before concrete is poured and shall be connected to the post grounding screw in the hand hole.

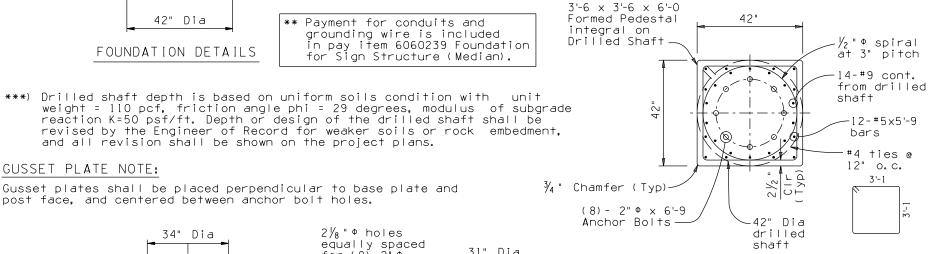
The grounding wire shall be installed on the outside of the conduit.

CONDUIT NOTE:

If the project plans do not call out for the installation of a conduit, 2-1/2 diameter non-metalic conduits shall be stubbed out 30" below grade. The stubbed conduit shall be perpendicular to traffic direction, be a minimum of 12" from edge of foundation cap, and the conduit ends shall be capped.

GROUT NOTE:

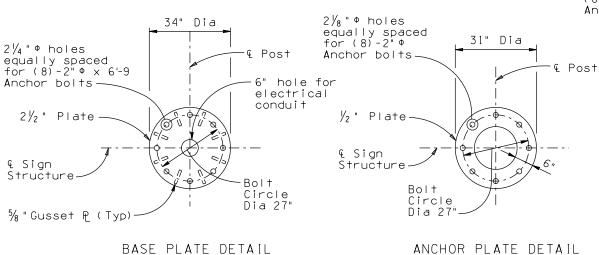
Space to be filled with non-shrink grout after tubular structure is permanently erected.



GUSSET PLATE NOTE:

Gusset plates shall be placed perpendicular to base plate and post face, and centered between anchor bolt holes.

and all revision shall be shown on the project plans.

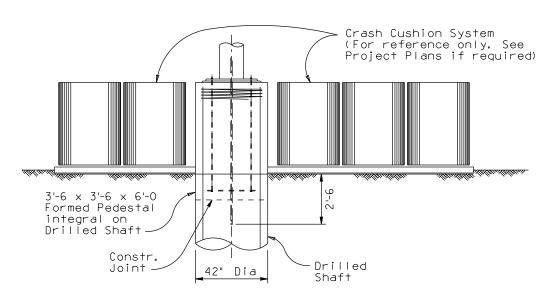


reaction K=50 psf/ft. Depth or design of the drilled shaft shall be

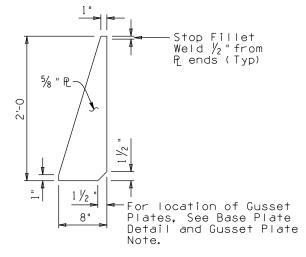
SECTION B-B 42" Dia 14-#9 equally spaced ½ " Φ Spiral cold drawn steel wire at 6" pitch

SECTION A-A

1'-9, 1'-9 Barrier Transition Typical Barrier Base Plate -See Project Plans See Project Plans Median & Bolt Circle _-----½ " Bit. Joint $3'-6 \times 3'-6 \times 6'-0$ Filler (Typ) Formed Pedestal integral on Symmetrical about & Drilled Shaft except as noted PLAN WITH BARRIER



ELEVATION WITHOUT BARRIER





GUSSET PLATE DETAIL

* Preheat per AWS requirements

 $1" \times \frac{1}{4}"$ Backing ring

-Post wall

1/2 " max, short leg

Gusse-

Plate

STANDARDS ENGINEER A. ALZUBI RECOMMENDED FOR APPROVAL GROUP MANAGER	ARIZONA DEPARTMENT OF TRANSPORTATION Infrastructure delivery and operations division Bridge group standard drawing	
D. EBERHART APPROVED	MEDIAN SIGN STRUCTURE (TWO SIDED)	DRAWING NO.
STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION 03/22 DATE	FOUNDATION DETAILS	(2 of 5)

3/16