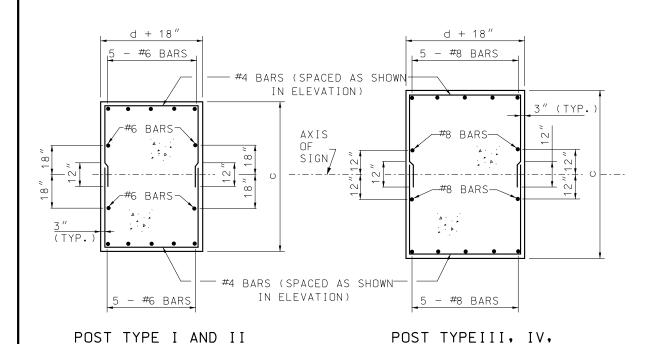


CONCRETE LONGITUDINAL **PEDESTAL** C.Y. FOOTING POST PIPE FOOTING SIZE<del>\*</del> REINFORCEMENT TYPF COLUMN SIZE\* MEDIAN MEDIAN С d TOP ВОТТОМ BARRIER BARRIER 12" STD. AT 65.42 7-#5 BARS 5'-9' 2'-1" 7'-0"× 14'-6" 7-#6 BARS 10.9 11.6 6′-2 2'-2" 8'-0"x 16'-0" 13.2 14" O.D. AT 72.09 8-#5 BARS 9-#6 BARS 14.0 16" O.D. AT 82.77 2'-4" 8'-6"x 17'-6" 9-#5 BARS 9-#7 BARS ΙΙΙ 15.2 16.1 18" O.D. AT 93.45 10-#5 BARS 10-#8 BARS ΙV 2'-6" 9'-6"x 19'-0" 18.1 19.1 2'-11 20" O.D. AT 104.13 7′-8 10'-0"x 20'-0' 10-#5 BARS 10-#8 BARS 20.6 21.7 VΙ 24" O.D. AT 125.49 8'-3 3'-5" 10'-6"x 21'-0" 11-#5 BARS 11-#8 BARS 23.3 24.6 24" O.D. AT 125.49 8'-6 3'-5" 11'-0"x 22'-0" 11-#5 BARS 11-#9 BARS 25.1 26.5

\* BASE PLATES, PEDESTAL, AND FOOTINGS LONGER SIDES SHALL BE NORMAL TO AXIS OF SIGN.

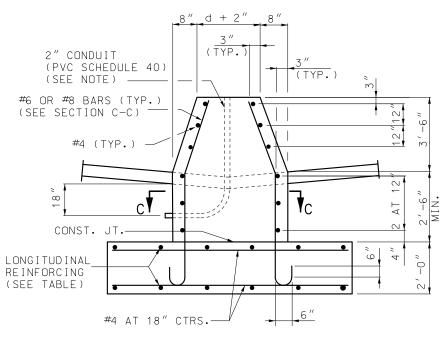
### PART ELEVATION (TYPE A CONCRETE TRAFFIC BARRIER)



SECTION C-C

TYPICAL SECTION SHOWING REINFORCING STEEL

#### NOTE: THE 2" CONDUIT IN THE CONCRETE PEDESTAL SHALL BE PVC SCHEDULE 40 AND SHALL BE PLACED WITH A MIN. RADIUS BEND OF $9\frac{1}{2}$ ".



PART ELEVATION (TYPE C CONCRETE TRAFFIC BARRIER)

# DETAILS OF ALTERNATE PEDESTAL

V, VI, AND VII

(TO BE USED ADJACENT TO TYPE "A" OR "C" MEDIAN BARRIER)

#### GENERAL NOTES:

A TAPERED TUBE OF EQUILVALENT SIZE AND THICKNESS MAY BE SUBSTITUTED FOR PIPE POST.

ALL STEEL PIPE COLUMNS SHALL BE EITHER GRADE "B" SEAMLESS STEEL PIPE OR GRADE "B" ELECTRIC RESISTANCE WELDED STEEL PIPE; ASTM SPECIFICATION A53.

NO OBJECTIONABLE SEAMS WILL BE PERMITTED.

ALL STRUCTURES SHALL BE GROUNDED.

BURR THREADS ON ALL ANCHOR BOLTS.

PIPE COLUMN, BASE PLATE, ANCHOR BOLTS AND NOTES PERTAINING TO THESE ITEMS HAVE BEEN OMITTED FOR CLARITY, REFER TO SHEET 3 OF 5 FOR DETAILS OF THESE ITEMS.

GROUND LUGS SHALL BE LOCATED INSIDE COLUMN NEAR HAND HOLE.

QUANTITIES FOR PEDESTAL ARE BASED ON NOMINAL HEIGHT OF 5'-2" (TYPE A MEDIAN BARRIER) OR 6'-0" (TYPE C MEDIAN BARRIER).

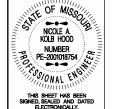
QUANTITIES FOR FOOTING ARE BASED ON NOMINAL DEPTH OF 2'-0".

QUANTITIES SHOWN ARE FOR ONE COLUMN ONLY.



#### MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)



## OVERHEAD SIGN TRUSSES

STRUCTURAL STEEL

DATE EFFECTIVE: 01/01/2021 DATE PREPARED:

10/14/2020

903.60AC

SHEET NO. 4 OF 5

