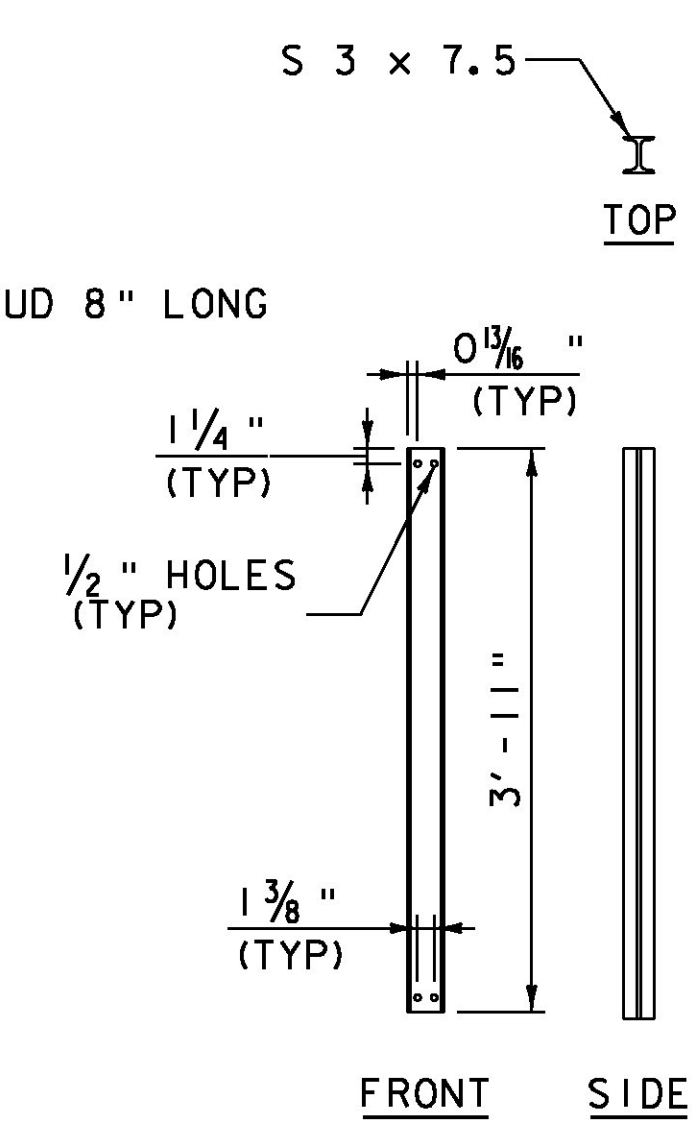
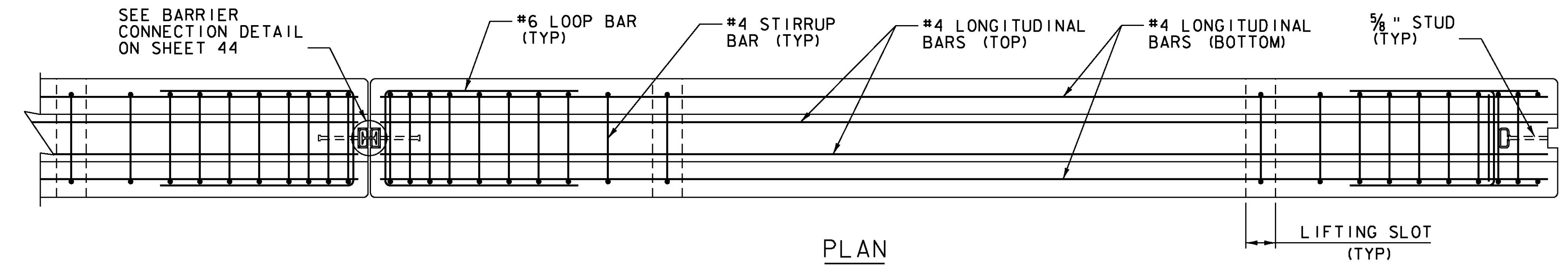


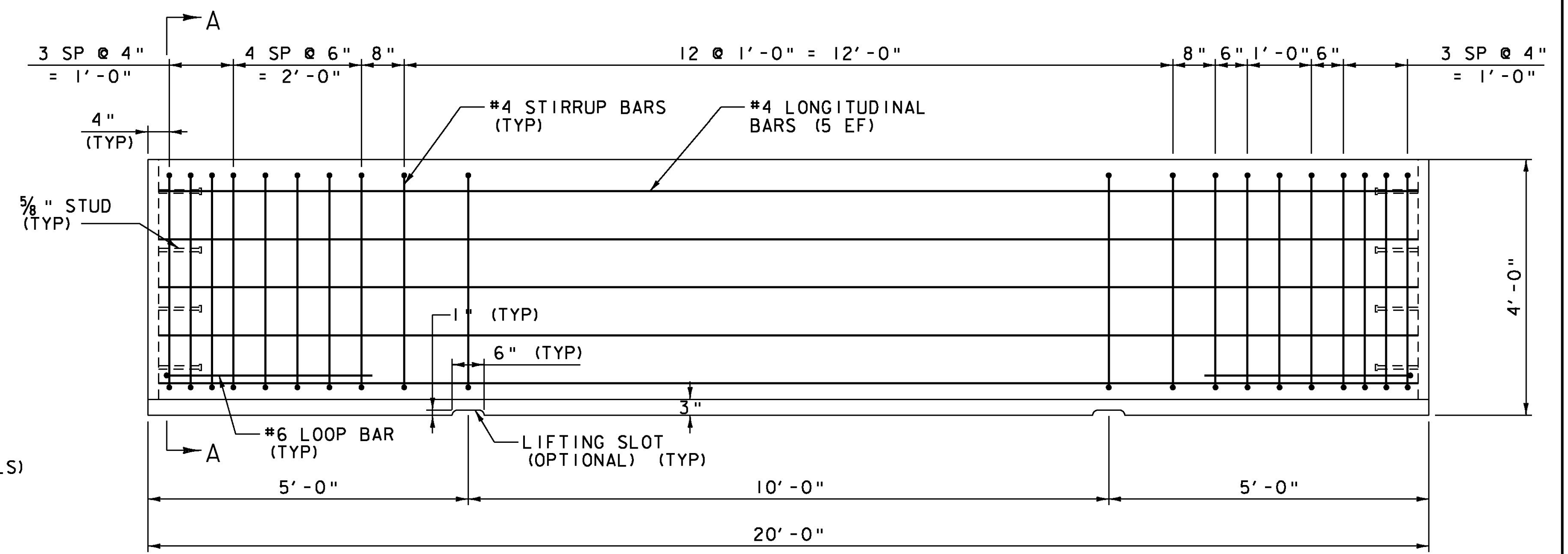
STRUCTURAL TUBE DETAILS  
SCALE 3/4" = 1'-0"



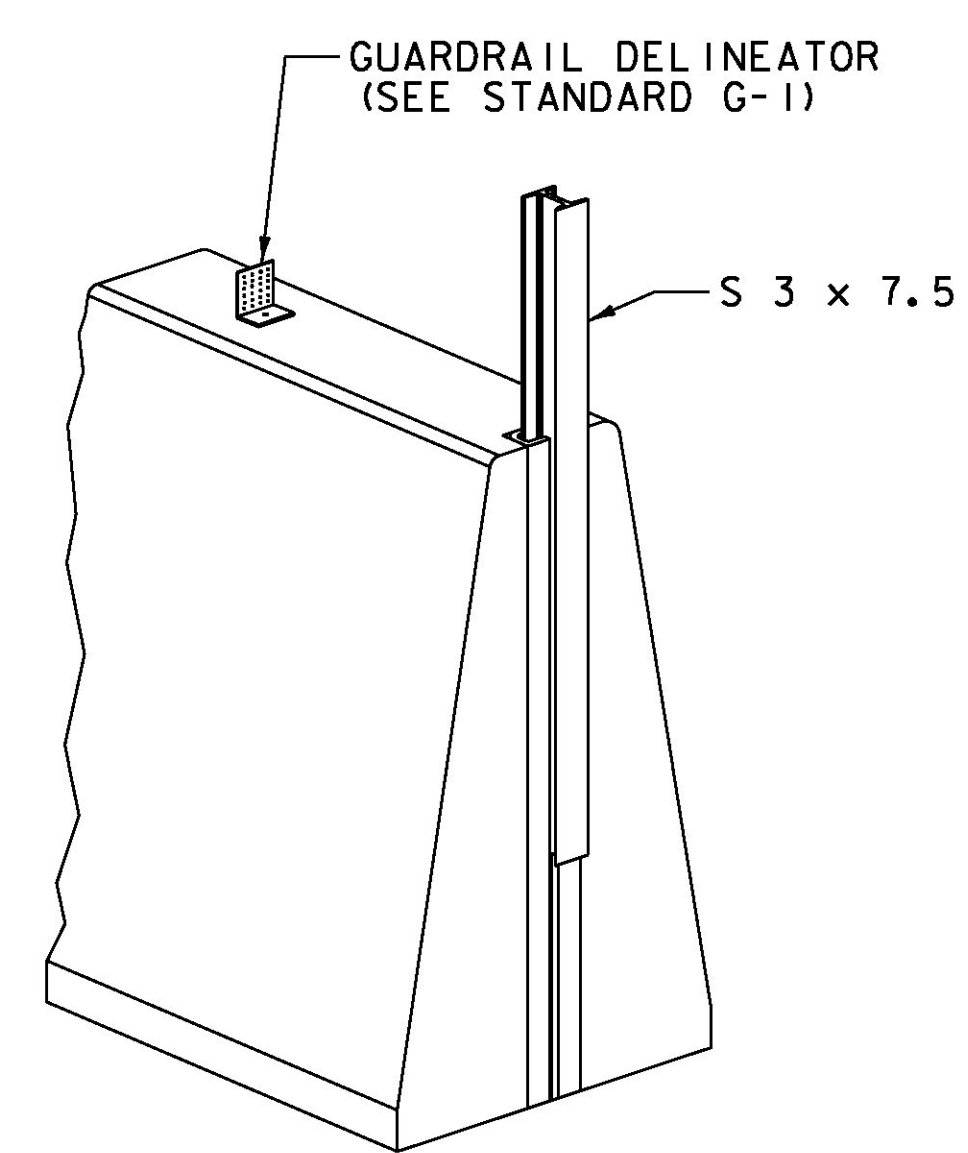
I-BEAM DETAILS  
SCALE 3/4" = 1'-0"



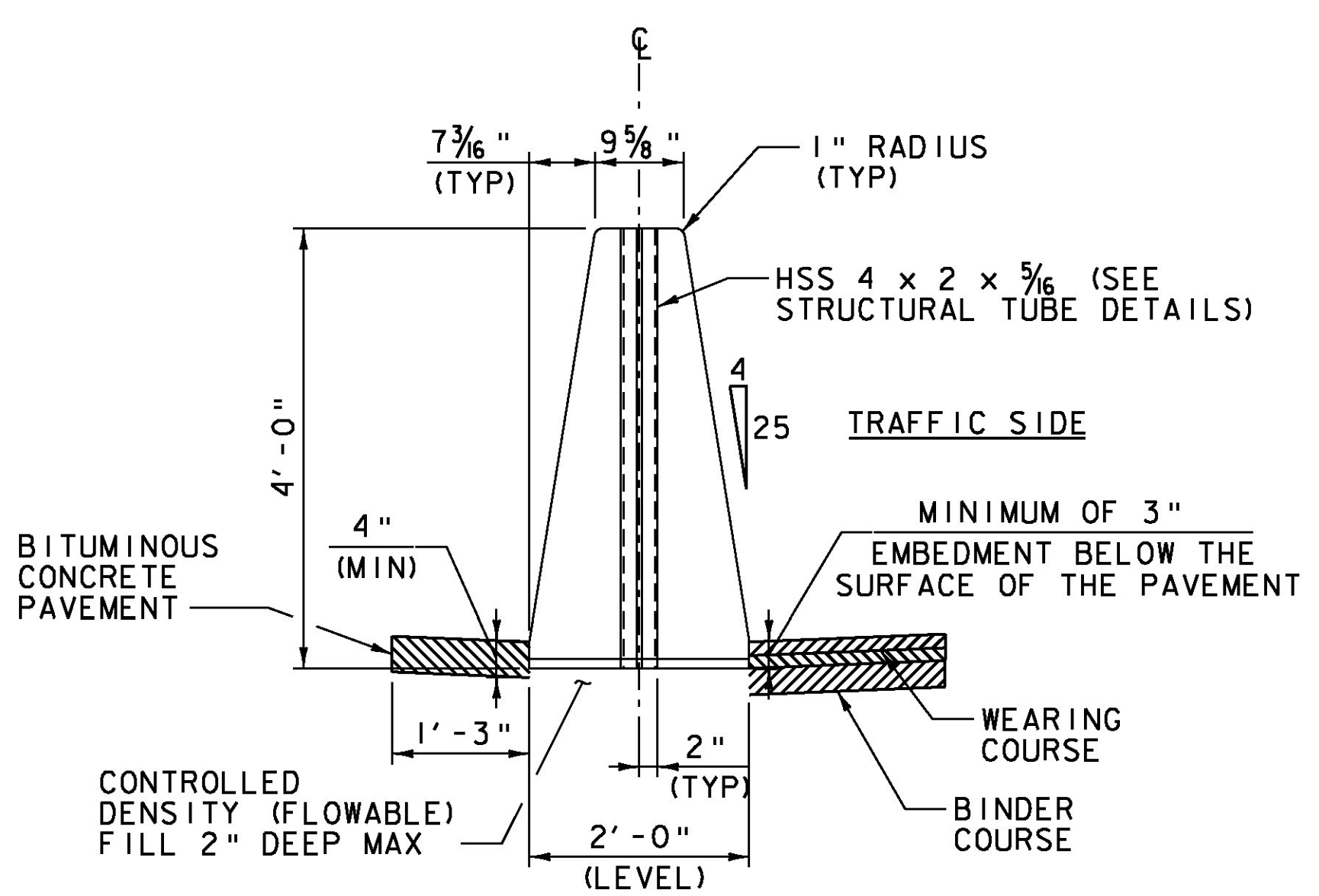
PLAN  
SCALE 3/4" = 1'-0"



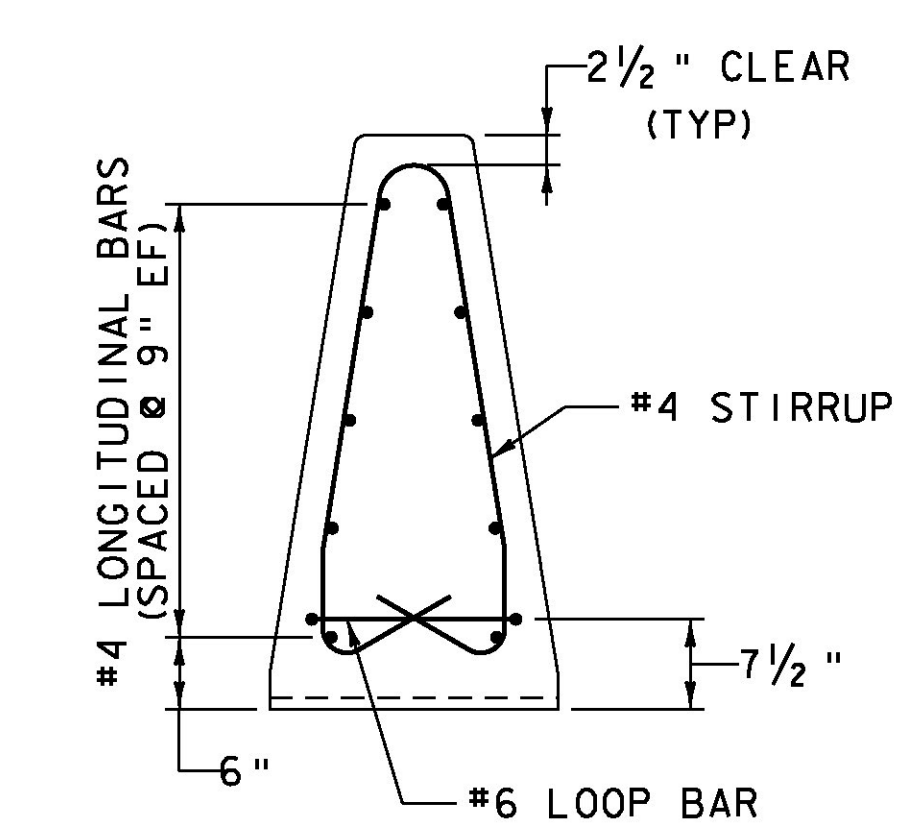
ELEVATION  
SCALE 3/4" = 1'-0"



PERSPECTIVE VIEW  
NOT TO SCALE



END VIEW (MASONRY)  
SCALE 3/4" = 1'-0"



SECTION A-A  
SCALE 3/4" = 1'-0"

CONCRETE BARRIER REINFORCING SCHEDULE				
DESCRIPTION	SIZE	NO.	UNBENT LENGTH	TYPE
LONGITUDINAL (EACH FACE)	#4	10	19'-8"	—
STIRRUPS	#4	29	8'-11"	U
LOOP BAR	#6	2	7'-11"	U

3'-3" (TYP)  
1" RADIUS (TYP)  
#6 LOOP BAR (TOP VIEW)  
9" (TYP)  
6 1/2" (TYP)  
2 7/8" R L = 8" (TYP)  
2'-9" (TYP)  
2" R L = 4" (TYP)  
60° (TYP)  
1'-3" (TYP)  
#4 STIRRUP BAR

NOTES:

- THE CONCRETE BARRIER DETAILS, AS SHOWN ON THIS SHEET, ARE IN COMPLIANCE WITH THE REQUIREMENTS OF NCHRP REPORT 350, TL 4.
- I-BEAMS AND STRUCTURAL TUBES SHALL BE GALVANIZED AFTER FABRICATION.
- STUD WELDING SHALL BE IN ACCORDANCE WITH SUBSECTION 714.10.
- SLOTS IN STRUCTURAL TUBES SHALL BE CUT WITH MECHANICALLY GUIDED MEANS TO A SMOOTH, UNIFORM SURFACE MEETING A SURFACE ROUGHNESS OF 1000 MICROINCHES OR BETTER (ANSSI B46.1).
- ALL COSTS ASSOCIATED WITH FURNISHING THE MATERIALS, FABRICATING, AND INSTALLING THE TRANSITION CONCRETE MEDIAN BARRIER SHALL INCLUDED IN THE COST FOR ITEM 621.45, "CONCRETE MEDIAN BARRIER".
- ALL REINFORCING STEEL SHALL BE LEVEL II. REINFORCEMENT SHOWN IS THE MINIMUM REQUIRED.
- THE BARRIERS SHALL BE LIGHT COLORED CLASS "A" CONCRETE HAVING A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI. BARRIERS SHALL HAVE A SMOOTH UNIFORM SURFACE FREE OF DEFECTS AND IRREGULARITIES. CASTING DATE SHALL BE SHOWN ON BARRIER. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4", UNLESS NOTED OTHERWISE.
- EACH BARRIER UNIT SHALL INCLUDE ONE S 3x7.5 AS SHOWN ON THIS PLAN SHEET.
- FABRICATION DRAWINGS SHALL INCLUDE REINFORCING SCHEDULE.
- LEVELING PADS OR SHIMMING MATERIAL SHALL BE INCIDENTAL TO THE CONCRETE MEDIAN BARRIER ITEM.

PROJECT NAME:	ROCHESTER
PROJECT NUMBER:	ER STP 0162(19)
FILE NAME:	z1lc334barrier_details.dgn
PLOT DATE:	8/19/2013
PROJECT LEADER:	S.E. BURBANK
DRAWN BY:	E.A. FIALA
DESIGNED BY:	VHB
CHECKED BY:	S.E. BURBANK
BR 13 CONCRETE BARRIER DETAILS (10F3)	SHEET 43 OF 238