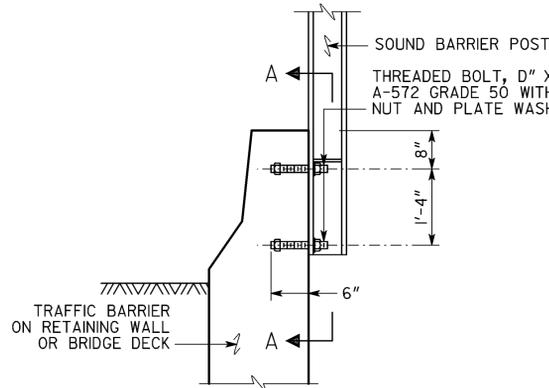


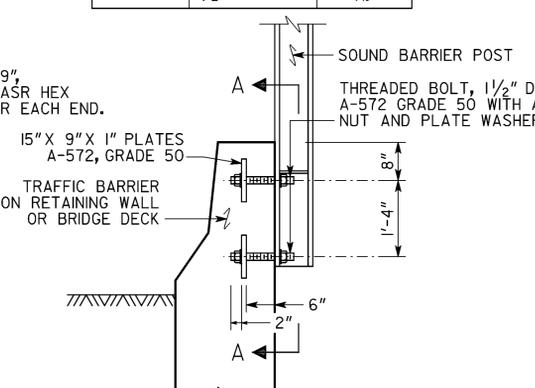
POST SIZE	GAGE FOR BOLTS
W8X24	3 1/2"
W8X31	5 1/2"
W10X33	5 1/2"
W10X39	5 1/2"
W12X40	5 1/2"
W12X45	5 1/2"

CAST-IN-PLACE		
DESIGN HEIGHT "H"	ANCHOR DIAMETER "D"	BOLT HOLE SIZE
6'	3/8"	9/16"
8'	1/2"	11/16"
10'	5/8"	13/16"
12'	3/4"	15/16"
14'	7/8"	1 1/16"
16'	1"	1 3/16"
18'	1 1/8"	1 5/16"
18'-26'	1 1/2" W/PLATE	1 1/16"

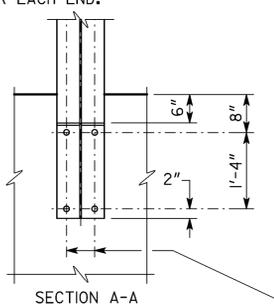
NOTES: SOUND BARRIER SHALL NOT BE MOUNTED ON TYPE 2 SERIES SIDE BARRIERS.  
 SOUND BARRIER SHALL ONLY BE ATTACHED TO BARRIERS OR RETAINING WALLS THAT HAVE BEEN SPECIFICALLY DESIGNED FOR THE LOADING FROM SOUND BARRIER.



ANCHOR DETAIL FOR SOUND BARRIER BETWEEN 6'-0" AND 18'-0"



ANCHOR DETAIL FOR SOUND BARRIER BETWEEN 18'-0" AND 26'-0"



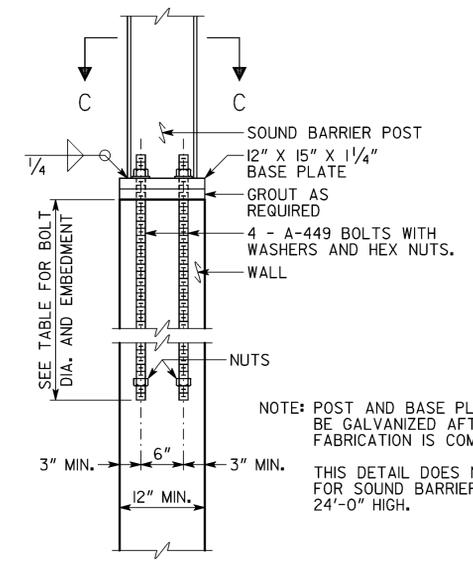
SECTION A-A  
 BOLT HOLES (SEE CHART FOR GAGE, ANCHOR DIAMETER AND BOLT HOLE SIZE).

POST SIZE	PANEL SUPPORT PLATE SIZE *
W8X24,31	4" X 7 1/8" X 1/2"
W10X22	4" X 9 3/8" X 1/2"
W10X26	4" X 9 1/2" X 1/2"
W10X33,39	4" X 8 7/8" X 1/2"
W12X26	4" X 11 1/2" X 1/2"
W12X40	4" X 11" X 1/2"
W12X45	4" X 10 7/8" X 1/2"
W14X30,34,38	4" X 13 1/8" X 1/2"
W14X43	4" X 12 5/8" X 1/2"
W14X48,53	4" X 12 1/2" X 1/2"
W14X61	4 7/8" X 12 5/8" X 1/2"
W14X74,82	4 7/8" X 12 1/2" X 1/2"
W14X90,109	7" X 12 5/8" X 1/2"

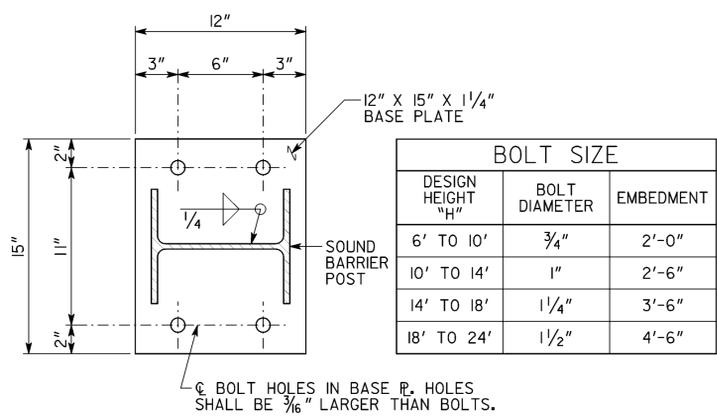
\* REQUIRED FOR BARRIER MOUNTED SOUND BARRIER ONLY. OPTIONAL FOR GROUND MOUNTED SOUND BARRIER.

NOTE: MAXIMUM HEIGHT ON BRIDGE = 12'-0"  
 MAXIMUM HEIGHT ON M.S.E. WALL = 18'-0"

DETAILS FOR BARRIER MOUNTED SOUND BARRIER

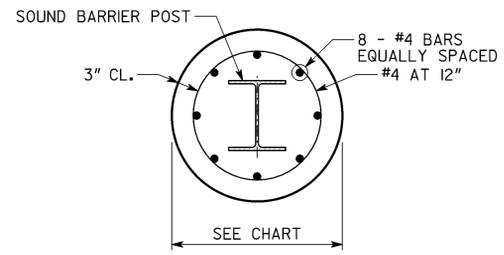


DETAILS FOR WALL MOUNTED SOUND BARRIER  
 10 FOOT POST SPACING

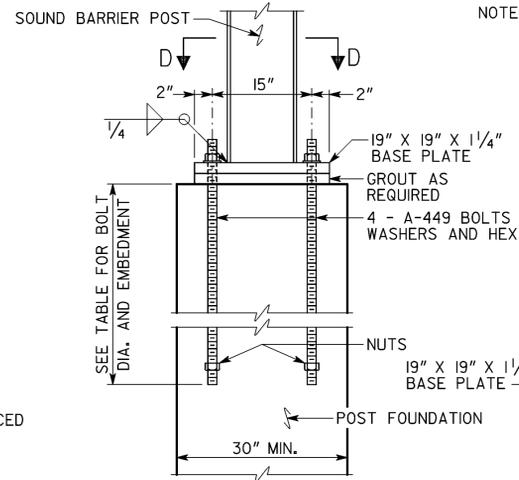


SECTION C - C  
 SCALE: 2" = 1'-0"

DETAILS FOR WALL MOUNTED SOUND BARRIER  
 10 FOOT POST SPACING



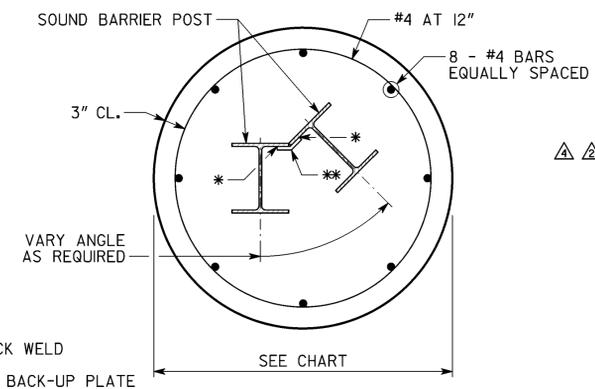
TYPICAL POST BASE DETAIL



DETAIL FOR ALTERNATE POST TO FOUNDATION CONNECTION DETAIL  
 10, 15 AND 20 FOOT POST SPACING

NOTE: POST AND BASE PLATE SHALL BE GALVANIZED AFTER ALL FABRICATION IS COMPLETE.  
 THIS DETAIL DOES NOT APPLY FOR SOUND BARRIERS OVER 24'-0" HIGH.

SECTION D-D  
 SCALE: 2" = 1'-0"



CORNER POST BASE DETAIL

\* TACK WELD  
 \*\* 1/2" BACK-UP PLATE

DETAILS FOR GROUND MOUNTED SOUND BARRIER

POST BOLTED TO DRILLED SHAFT		
HEIGHT	BOLT Ø	EMBED
6' TO 12'	3/4"	2'-0"
12' TO 16'	1"	3'-0"
16' TO 20'	1 1/4"	4'-6"
20' TO 24'	1 1/2"	6'-0"

REMOVED DET. AND NOTE	04-22-15	DATE
REMOVED ADHESIVE ANCHOR	04-02-12	
REMOVED TABLE AND DETAIL	11-16-11	
REVISED TABLE DETAILS	05-23-11	
REVISED PANEL SUPPORT PLATE	09-17-08	
REV. TABLES AND DETAILS	01-08-08	
REV. TABLE AND NOTE	02-24-05	
BY		

DEPARTMENT OF TRANSPORTATION  
 STATE OF GEORGIA

CONSTRUCTION DETAIL  
 2 OF 2  
 SOUND BARRIER  
 FOUNDATION AND POST DETAILS  
 SCALE 3/8" = 1'-0" (UNLESS NOTED) MAY 2004

DESIGNED	JPT/DLC	REVIEWED	JPT/MCD
DRAWN	DLC	APPROVED	PVL
CHECKED	SWW		
DESIGN GROUP	DPD		

NUMBER  
 N-1-B  
 PAGE 2 OF 2