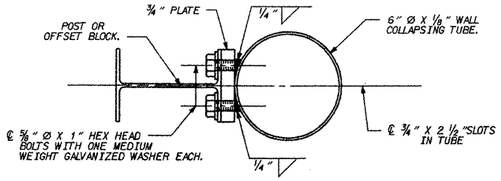
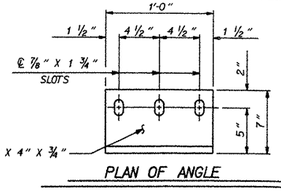
23-JUL-2004 08:37
$$$$$$$$$$$$$$$$$$$$DGN
sscck.well



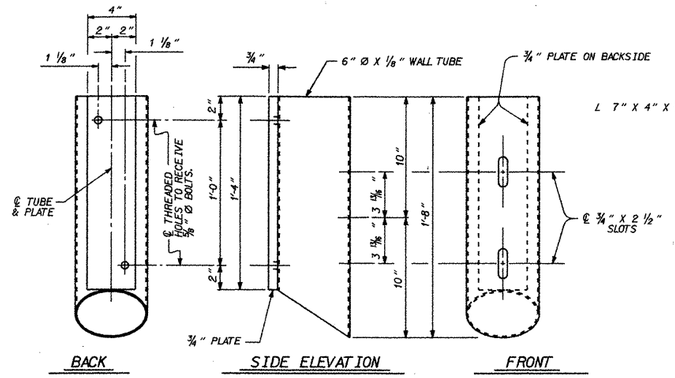
DETAIL SHOWING CONNECTION OF 6" Ø TUBE TO POST OR OFFSET BLOCK



PLAN OF ANGLE

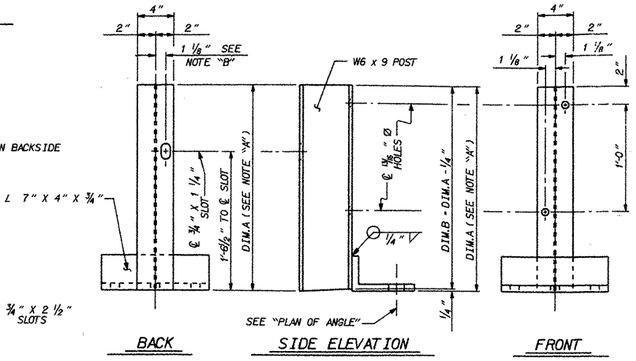
NOTE A : HEIGHT OF POST BP5 (DIMENSION A) SHALL BE DETERMINED IN THE FIELD SO THAT THE ℄ OF THE TUBULAR BEAM IS 1'-10" ABOVE TOP OF SLAB OR TOP OF WEARING SURFACE.

NOTE B : SLOT TO BE DRILLED ON SIDE OF WEB FACING "ONCOMING TRAFFIC".

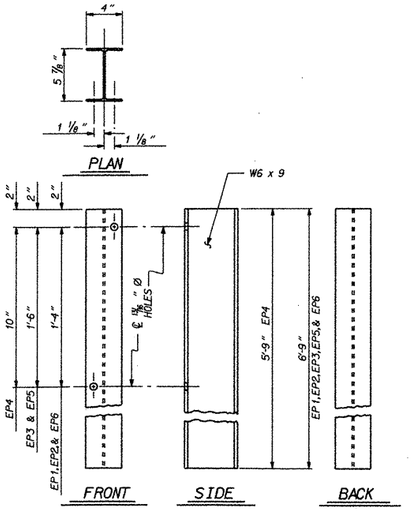


6" Ø TUBE DETAILS

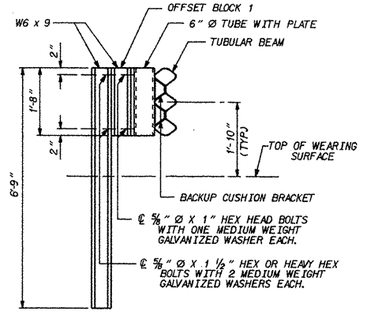
USE WITH POST "BP1", "BP2" AND "BP3"



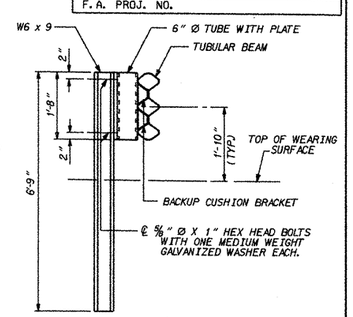
BP2 POST DETAILS



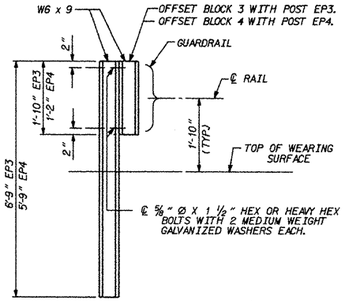
DETAIL OF POST EP1,EP2,EP3,EP4,EP5,& EP6



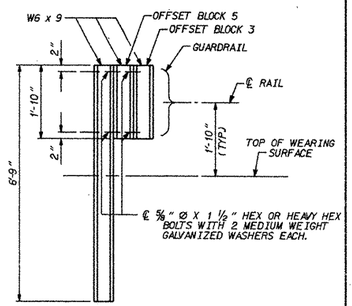
POST "EP1"



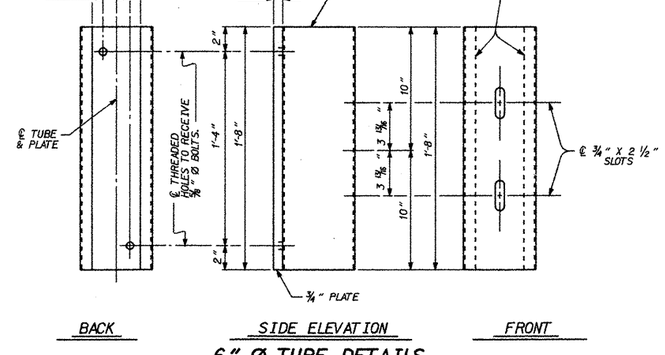
POST "EP2"



POST "EP3" & "EP4"

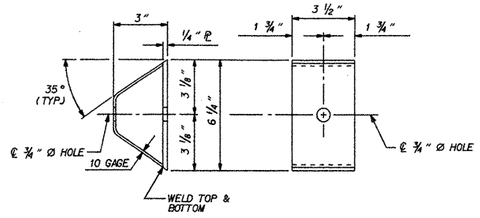


POST "EP5"

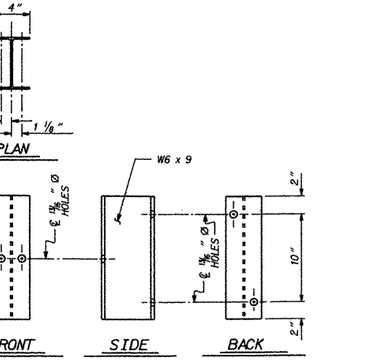


6" Ø TUBE DETAILS

USE WITH POST "EP1 & EP2"

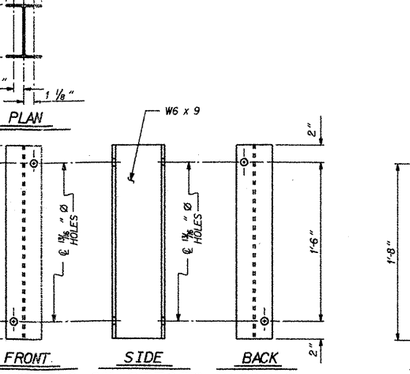


BACKUP CUSHION BRACKET



DETAILS OF OFFSET BLOCK 1

USE WITH POST "EP1"



DETAILS OF OFFSET BLOCK 3

USE WITH POST "EP3 & EP5"

DETAILS OF OFFSET BLOCK 4

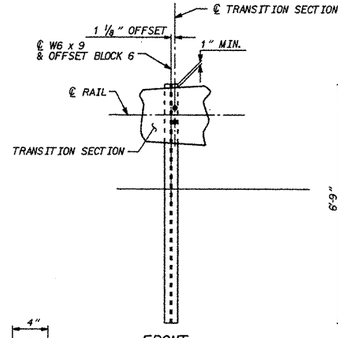
USE WITH POST "EP4"

DETAILS OF OFFSET BLOCK 5

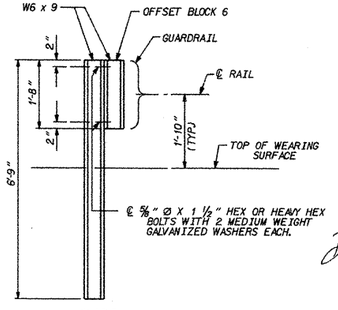
USE WITH POST "EP5"

DETAILS OF OFFSET BLOCK 6

USE WITH POST "EP6"



POST "EP6"



NORTH CAROLINA PROFESSIONAL SEAL 14006 ENGINEER BUCK CHARLES HUNT
7/25/04

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N. C.			
F. A. PROJ. NO.			

PROJECT NO. 37489

TYRELL COUNTY

STATION:

SHEET 3 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DETAILS FOR RETROFIT OF EXISTING BRIDGE RAIL WITH TUBULAR BEAM GUARDRAIL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	9
1			3			TOTAL SHEETS
2			4			16

ADDED TO CADD 5/88 BY: NMR CHECKED BY:

ASSEMBLED BY : S.H. SOCKWELL DATE : 7/22/04 CHECKED BY : B.C. HUNT DATE : 7/22/04	SPECIAL	
DRAWN BY : N.M.RUFFIN DATE : 5/88 CHECKED BY : DATE :	STANDARD	

GAR 1 BRF