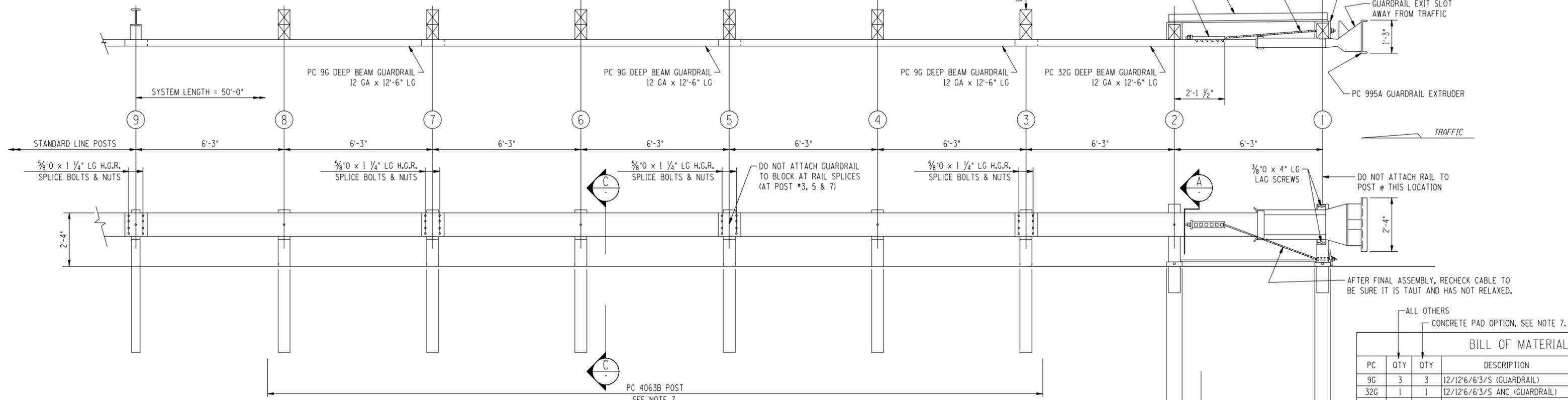


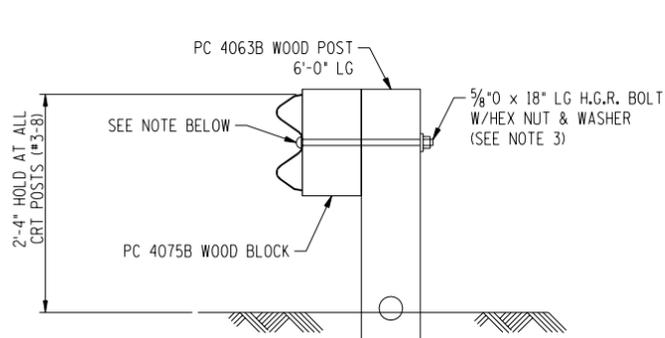
NOTE:
INSTALL RAIL PARALLEL TO ROADWAY EDGE
LINE.
WHEN TAPER IS REQUIRED BY DESIGN
ENGINEER,
A 50:1 TAPER OVER THE LENGTH OF SYSTEM
IS ALLOWABLE.



ALL OTHERS
CONCRETE PAD OPTION, SEE NOTE 7.

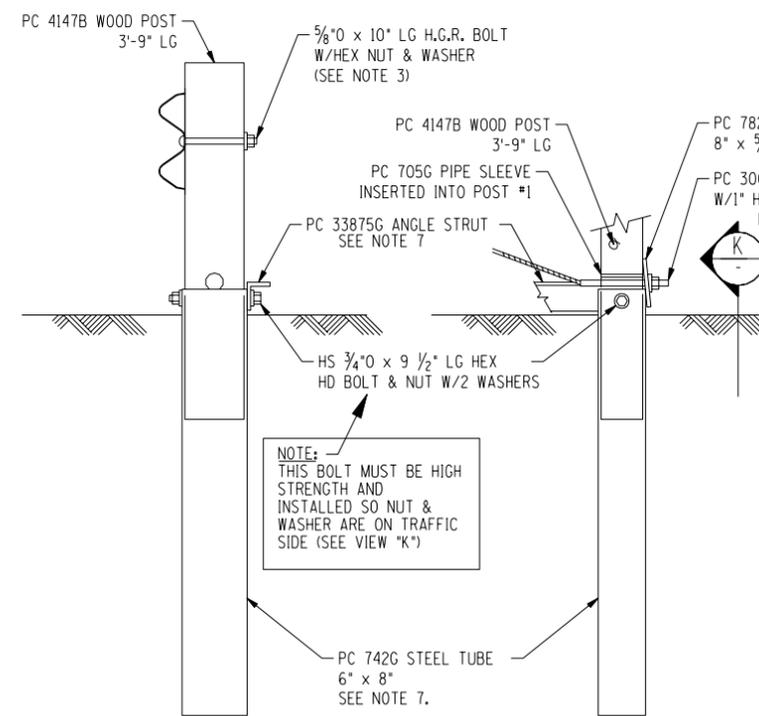
BILL OF MATERIAL

PC	QTY	QTY	DESCRIPTION
9G	3	3	12/12'6"/6'3"/S (GUARDRAIL)
32G	1	1	12/12'6"/6'3"/S ANC (GUARDRAIL)
704A	1	1	CABLE ANCHOR BRACKET
705G	1	1	2" x 5 1/2" PIPE
740G	-	8	4'-6" TUBE SLEEVE
742G	2	-	6'-0" TUBE SLEEVE
782G	1	1	5/8" x 8" x 8" BEARING PLATE
995A	1	1	ET-PLUS EXTRUDER
3000G	1	1	CABLE 3/4 x 6'6"
3300G	7	7	5/8" WASHER
3340G	39	47	5/8" HEX NUT
3360G	32	32	5/8" x 1 1/4" SPLICE BOLT
3497G	-	8	5/8" x 9 1/2" POST BOLT
3500G	1	1	5/8" x 10" POST BOLT
3580G	6	6	5/8" x 18" POST BOLT
3700G	4	-	3/4" WASHER
3704G	2	-	3/4" HEX NUT
3900G	2	2	1" WASHER
3910G	2	2	1" HEX NUT
4063B	6	-	WD 6'0 POST 6 x 8
4075B	6	6	WD BLOCK 1'2 x 6 x 8 DR
4147B	2	8	WD 3'9 POST 5 1/2 x 7 1/2
4228G	2	2	3/8" x 4" LAG SCREW
5148G	2	-	3/4" x 9 1/2" HEX HD BOLT
33875G	1	-	ANGLE STRUT



NOTE:
SECTION "C-C" IS SIMILAR @ POST #3, 5 & 7
EXCEPT RAIL IS NOT ATTACHED.

SECTION "C-C"
(TYP @ POSTS #4, 6 & 8)



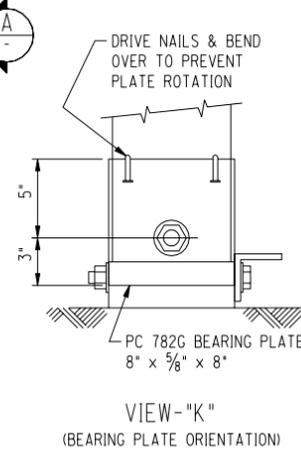
NOTE:
THIS BOLT MUST BE HIGH STRENGTH AND INSTALLED SO NUT & WASHER ARE ON TRAFFIC SIDE (SEE VIEW "K")

SECTION "A-A"
(@ POST #2)

PARTIAL VIEW @ POST #1
(DO NOT ATTACH GUARDRAIL TO POST)

NOTES:

- DO NOT ATTACH GUARDRAIL TO POST # 1.
- DO NOT ATTACH GUARDRAIL TO POST BLOCKS AT POST #3, 5 & 7.
- THE 5/8" FLAT WASHER IS USED UNDER THE NUT BEHIND THE POST ONLY. NO WASHER IS USED AT THE RAIL.
- MANUFACTURER SUGGESTS CUSTOMER TO PROVIDE REFLECTORIZATION OF TERMINAL.
- ANGLE STRUT MUST BE ATTACHED USING 3/4" DIA HIGH STRENGTH BOLTS.
- SEE THE STATE'S STANDARD LAYOUT DETAILS WHEN ET-PLUS IS USED WITH 6" CONCRETE PAD.
- WHEN CONCRETE PAD OPTION IS USED, STRUT IS ELIMINATED, ALL (8) POSTS WILL USE 4'-6" FOUNDATION SLEEVES WITH 5/8" HARDWARE. SEE BILL OF MATERIAL.



REV.	CHK'D	BY	DATE	REMARKS
3		BT	10/25/02	ADDED CONCRETE PAD OPTION TO BILL OF MATERIAL
2		BT	5/21/02	UPDATED VIEWS
1		BT	E.A.S. 10/24/01	UPDATED VIEWS & ADDED VIEW "K"

ET-PLUS

ET-PLUS 50'-0"
WITH 12'-6" RAILS & 2 POST SLEEVES
WITHOUT SOIL PLATE, ANGLE STRUT
PLAN, ELEVATION & SECTION, ARIZONA

TRINITY INDUSTRIES, INC.
HIGHWAY SAFETY PRODUCTS
2525 STEMMONS FREEWAY,
DALLAS, TX 75207

DRAWN BT
CHECKED
SCALE N.T.S.
DATE 09/25/01
ENG. FILE # SS334-01AZ
SHT.No. EI OF 1
DRAWING NO. SS-334

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