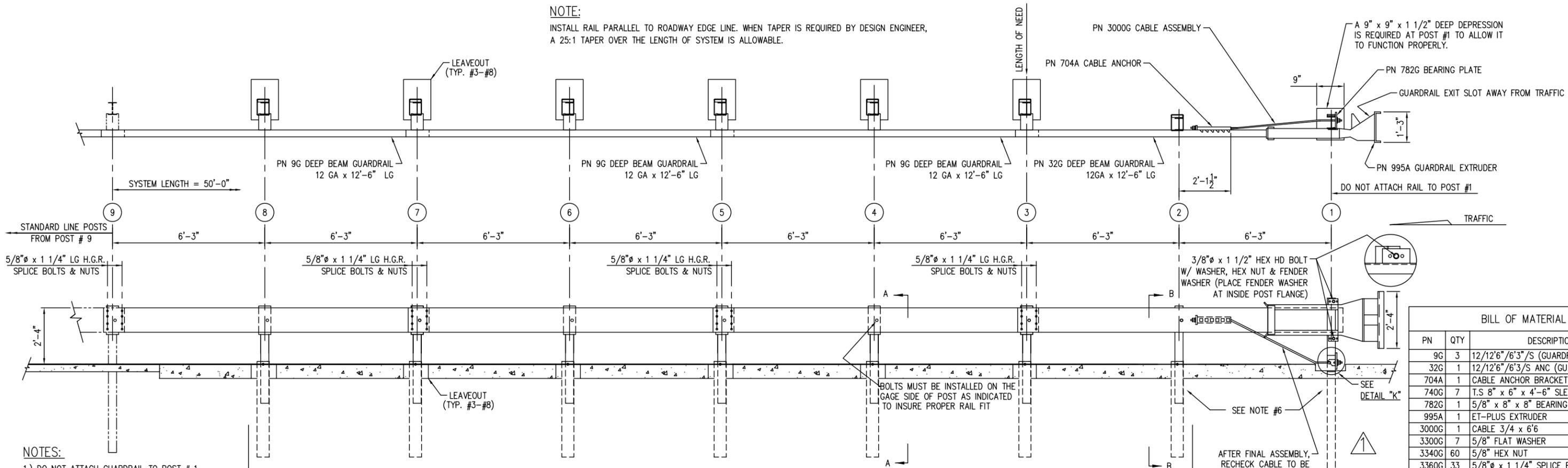
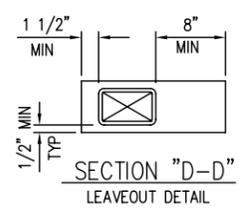


NOTE:
 INSTALL RAIL PARALLEL TO ROADWAY EDGE LINE. WHEN TAPER IS REQUIRED BY DESIGN ENGINEER, A 25:1 TAPER OVER THE LENGTH OF SYSTEM IS ALLOWABLE.

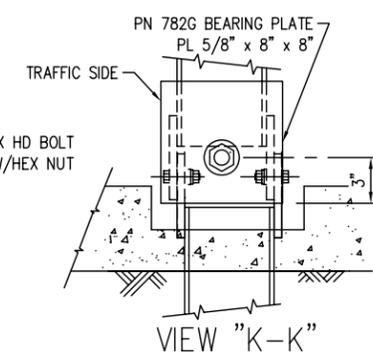
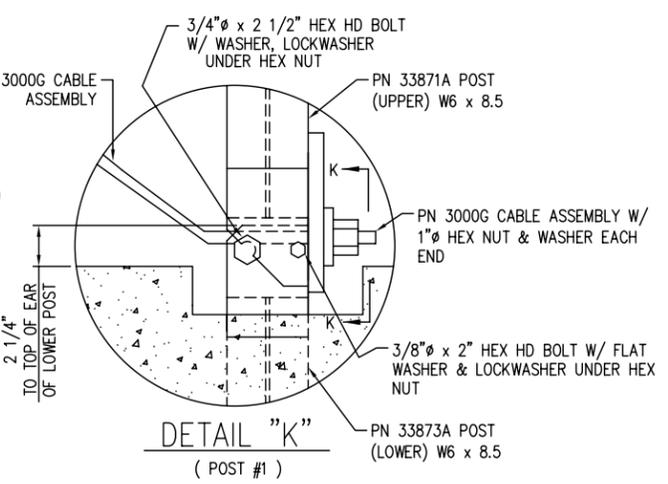
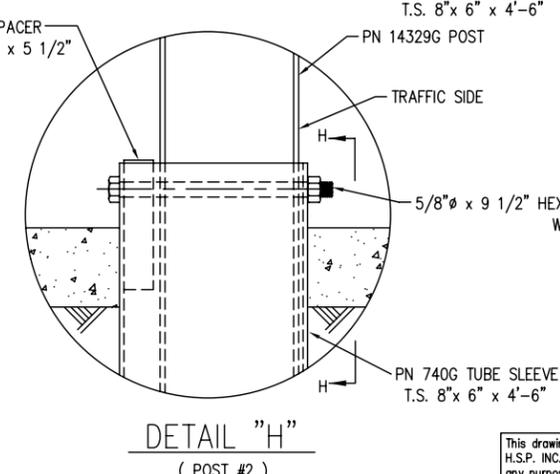
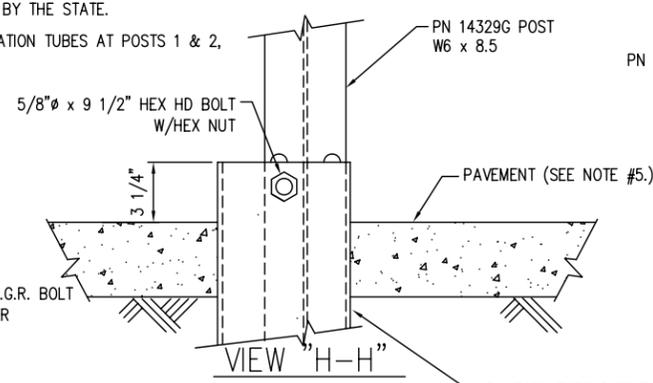
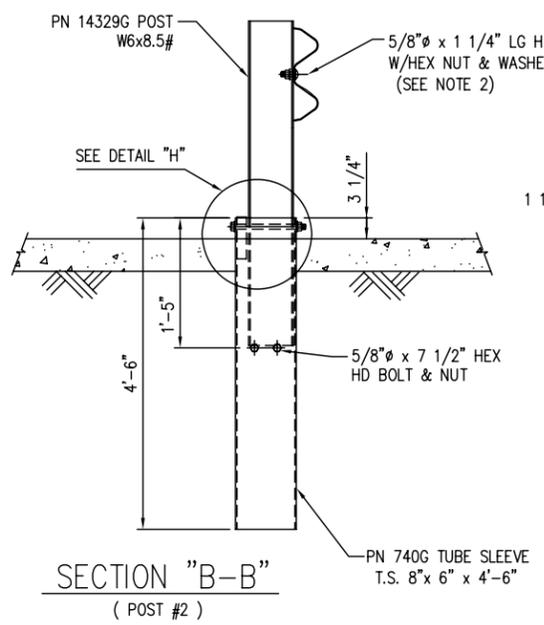
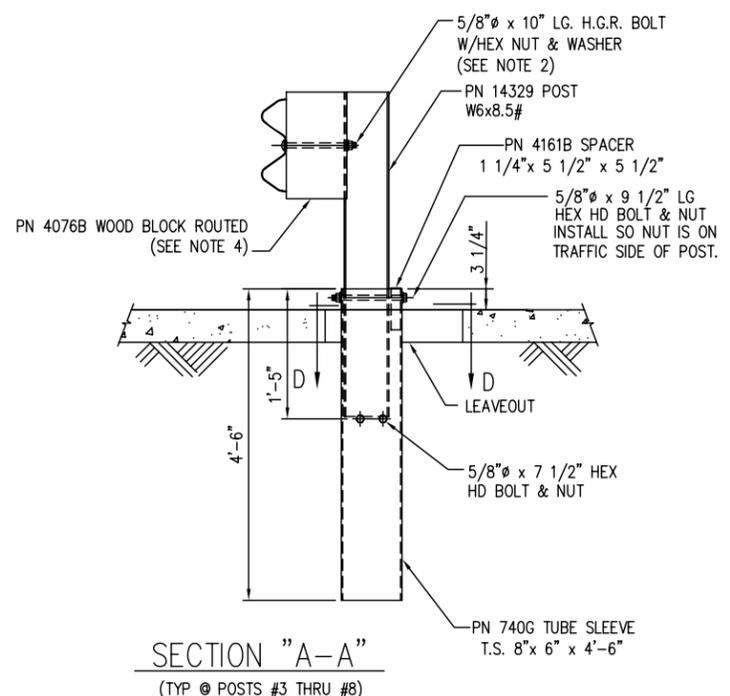


- NOTES:**
- DO NOT ATTACH GUARDRAIL TO POST # 1.
 - THE 5/8" FLAT WASHER IS USED UNDER THE NUT, BEHIND THE POST ONLY. NO WASHER IS USED AT THE RAIL.
 - MANUFACTURER SUGGESTS CUSTOMER TO PROVIDE REFLECTORIZATION OF TERMINAL.
 - PLASTIC OFFSET BLOCKS (ROUTED) ARE ACCEPTABLE ALTERNATES.
 - THIS VERSION OF ET-PLUS IS FOR USE IN CONCRETE PAVEMENT WITH A MINIMUM PAVEMENT DEPTH OF 6"
 - LEAVEOUTS ARE NOT REQUIRED AT POSTS #1 & #2.
 - REFER TO MANUFACTURERS' INSTALLATION MANUAL FOR ADDITIONAL INSTRUCTIONS.



LEAVEOUT NOTE:
 AT POSTS 3 THRU 8, THE PAVING SURFACE SHALL HAVE "LEAVEOUTS". THE LEAVEOUT SHALL BE A MINIMUM OF 1.5" IN FRONT, 0.5" BESIDE & 8" BEHIND THE STEEL FOUNDATION TUBE TO THE FULL DEPTH OF PAVEMENT. AFTER PLACEMENT OF SYSTEM, THIS OPENING SHALL BE FILLED WITH A ONE-SACK GROUT MIX OR ALTERNATE MATERIALS APPROVED BY THE STATE.
 CONCRETE PAVEMENT WILL BE PLACED UP AGAINST THE FOUNDATION TUBES AT POSTS 1 & 2, LEAVEOUTS ARE NOT REQUIRED.

BILL OF MATERIAL		
PN	QTY	DESCRIPTION
9G	3	12/12'6"/6'3"/S (GUARDRAIL)
32G	1	12/12'6"/6'3"/S ANC (GUARDRAIL)
704A	1	CABLE ANCHOR BRACKET
740G	7	T.S. 8" x 6" x 4'-6" SLEEVE
782G	1	5/8" x 8" x 8" BEARING PLATE
995A	1	ET-PLUS EXTRUDER
3000G	1	CABLE 3/4 x 6'6"
3300G	7	5/8" FLAT WASHER
3340G	60	5/8" HEX NUT
3360G	33	5/8"φ x 1 1/4" SPLICE BOLT
3478G	14	5/8"φ x 7 1/2" HEX HD BOLT
3497G	7	5/8"φ x 9 1/2" HEX HD BOLT
3500G	6	5/8"φ x 10" POST BOLT
3701G	2	3/4" FLAT WASHER
3704G	2	3/4" HEX NUT
3717G	2	3/4"φ x 2 1/2" HEX HD BOLT (A325)
3900G	2	1" FLAT WASHER
3910G	2	1" HEX NUT
4076B	6	WD BLOCK 1'2 x 6 x 8 DR
4161B	7	HDPE SPACER
4254G	4	3/8" FLAT WASHER
4255G	2	3/8" FENDER WASHER (1 1/2 OD)
4258G	2	3/8" LOCKWASHER
4261G	2	3/8"φ x 1 1/2" HEX HD BOLT (GR-5)
4699G	2	3/4" LOCK WASHER
6321G	2	3/8"φ x 2" HEX HD BOLT (GR-5)
6405G	4	3/8" HEX NUT
14329G	7	SYTP POST ET PLUS #2-8 TOP
33871A	1	POST ET PLUS HBA #1 TOP
33873A	1	POST ET PLUS HBA #1 BOTTOM



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1	BT	LH	8/06/07	REMOVED NOTE ABOUT POST #1 BEING BREAK-AWAY POST IN SLEEVE.
REV.	CHK'D	BY	DATE	REMARKS

ET-PLUS

ET-PLUS - 50'-0" [ARIZONA]
 WITH 12'-6" PANELS, 7 SYT POSTS IN TUBE SLEEVES
 & 1 HBA POST ON CONCRETE W/LEAVEOUTS
 PLAN, ELEVATION & SECTION

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

DRAWN	LH
CHECKED	B.T.
SCALE	N.T.S.
DATE	8/01/06
ENG. FILE #	SS409-01E
SHT.No.	E1 OF 1
DRAWING NO.	SS 409
REV.	1