



**GENERAL NOTES**

**CONTENTS**

SHEET NUMBER	DRAWING NUMBER
1, 2 & 3	<b>85-03-06 SRT-MASH FLARED END TERMINAL</b>

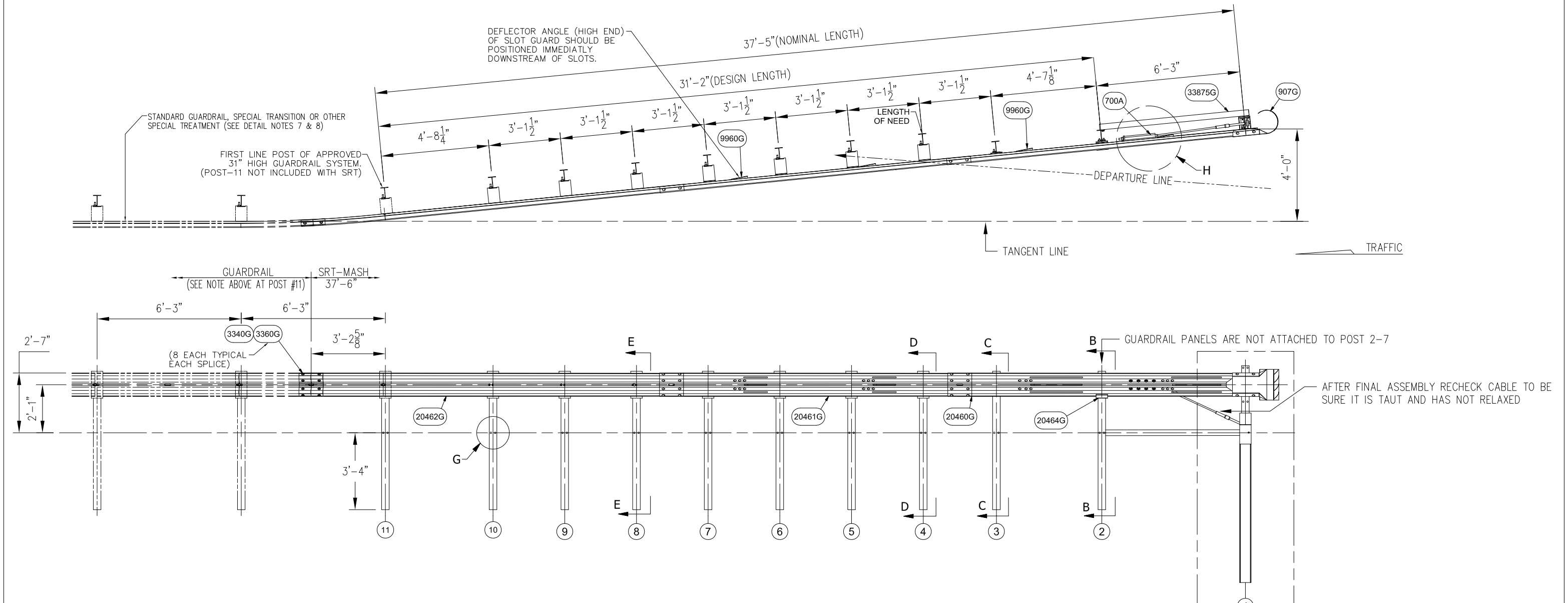
- The guardrail end anchorage system represented on this drawing is a proprietary design by Trinity Industries, Inc. and marketed under the trade name SRT-MASH Slotted Rail Terminal. Any infringement on the rights of the designer shall be the sole responsibility of the user.*
- This drawing is sufficient for plan details for the SRT-MASH Slotted Rail Terminal when installed in connection with single-sided (median) guardrail and precludes the requirement for shop drawing submittals unless the plans otherwise call for such submittals. The SRT-MASH Slotted Rail Terminal shall be assembled in accordance with the manufacturer's detailed drawings, procedures and specifications.*
- The SRT-MASH Slotted Rail Terminal is available in steel post configurations. Post No. 1 is a special 2-part yielding post. Posts No. 2 through No. 10 are a special 1-part yielding post.*
- The SRT-MASH Slotted Rail Terminal is intended for use as an approach end guardrail anchorage for single-sided (median) guardrail. The beginning length of need point is located at Post 3 (see drawing). The effective length of the SRT-MASH Slotted Rail Terminal is 37'-6".*  
  
*The alignment of the SRT-MASH Slotted Rail Terminal is an extension of the normal guardrail alignment.*
- The SRT-MASH Slotted Rail Terminal can only be used in roadside applications.*
- For galvanizing requirements of metallic components see Standard Specification Section 967.*
- If the plans call for the SRT-MASH Slotted Rail Terminal at a specific location, substitution with other end anchorage assemblies will not be permitted unless approved by the Engineer. If the plans call for end anchorage assembly "parallel" at a specific location, the contractor has the option to construct any FDOT approved parallel assembly.*
- The SRT-MASH Slotted Rail Terminal shall be paid for under the contract unit price for Guardrail, End Anchorage Assembly, EA and shall be full compensation for furnishing and installing all components in accordance with the plans; the manufacturer's detail drawings, procedures and specifications and this drawing.*
- Maintain a relatively clear and traversable run-out area behind and beyond all gating terminals.*

REF.: EH-9181

Revision	ECO	Date	Rev	By	Chk.	App.	DRAWN: P. SEPULVEDA	DATE: 8/08/2013	 <b>TRINITY HIGHWAY PRODUCTS, LLC</b>		
							DESIGNED: P. SEPULVEDA	DATE: 8/08/2013			
							CHECKED:	DATE:			
							APPROVED:	DATE:			
UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS ACCORDING TO ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED.									DRAWING: 85-03-06	SHEET: 1 of 4	REV: -

**PARTS LIST**

PART No	QTY	TITLE	PART No	QTY	TITLE	PART No	QTY	TITLE	PART No	QTY	TITLE
7G	6	12 GA FLANGE PROTECTOR	3380G	8	5/8" Ø HEX BOLT x 1 1/2" (A307)	6665B	1	SRT REFLECTOR YELLOW - BLACK	20464G	1	SHELF ANGLE
700A	1	CABLE ANCHOR BRACKET	3391G	2	5/8 HEAVY HEX BOLT x 1 3/4" (A325)	9215G	1	SRT-MASH PIPE SLEEVE	33875G	1	GROUND STRUT
907G	1	TERMINAL BUFFER ROLLED	3400G	4	5/8" HGR BOLT x 2" (A307)	9960G	4	SRT SLOT GUARD BRACKET	33909G	1	CASS CABLE BRACKET
3240G	2	5/16 ROUND WASHER WIDE (F844)	3500G	7	5/8 GUARD RAIL BOLT x 10" (A307)	15000G	9	SYT POST - W6 x 8.5	34053A	1	CRP - UPPER POST
3245G	2	5/16 HEX NUT (A563 Gr.A)	3900G	2	1" PLAIN WASHER - REGULAR (F844)	20460G	1	12 GA SRT-MASH W-BEAM #1	105310G	1	3/4 (6 x 19) STRAND CABLE
3300G	12	5/8 PLAIN WASHER TYPE A WIDE (F844)	3910G	2	1" Ø HEX NUT (A563)	20461G	1	12 GA SRT-MASH W-BEAM #2			
3340G	73	5/8" HGR RECESSED NUT (A563 Gr.A)	4076B	7	WOOD BLOCK - WBEAM RECESSED	20462G	1	12 GA SRT-MASH W-BEAM #3			
3360G	52	5/8" HGR BOLT x 1 1/4" (A307)	4211G	2	5/16 HEX BOLT x 1 3/4" - 1 1/8 RHT (A307)	20463A	1	CRP - LOWER POST			



- NOTES:**
- POST OFFSET DIMENSION IS GIVEN TO THE CENTER OF THE TRAFFIC FACE OF POST - 1.
  - GUARDRAIL BETWEEN POST 1 THROUGH 11 IS ON A STRAIGHT LINE FLARE.
  - PLASTIC OFFSET BLOCKS (ROUTED) ARE ACCEPTABLE ALTERNATIVES.
  - DEPARTURE LINE 1:13 FOR DESIGN SPEEDS ≥ 50 MPH
  - FOR LOW SPEED FACILITIES WITH A DESIGN SPEED ≤ 45 mph, MAY USE A TL-3 SYSTEM IN LIEU OF A TL-2 SYSTEM.
  - FOR HIGH SPEED FACILITIES WITH A DESIGN SPEED ≥ 50 mph USE A TL-3 SYSTEM.
  - NEW FDOT 31" HEIGHT GUARDRAIL SYSTEM WITH 8" BLOCK-OUT, FDOT WILL USE STANDARD W-BEAM PANEL LENGTHS OF 12'-6" WITH THE PANEL SPLICE SET AT MID-SPAN.
  - NEW FDOT 31" HEIGHT END ANCHORAGE ASSEMBLY WITH 8" BLOCK-OUT, FDOT WILL USE ONE (1) EXTENDED LENGTH W-BEAM PANEL OF 15'-7 1/2" AT PANEL SPLICE SET AT MID-SPAN.

MODEL	SYSTEM WIDTH	SYSTEM LENGTH	DESIGN LENGTH	DESIGN SPEED	TEST LEVEL DESIGNATION	REMARKS
SRT-MASH	1'-1"	37'-5"	31'-2"	≥ 50 MPH	TL-3	SEE NOTE 5 & 6

Revision	ECO	Date	Rev	By	Chk.	App.

DRAWN: P. SEPULVEDA	DATE: 8/08/2013
DESIGNED: P. SEPULVEDA	DATE: 8/08/2013
CHECKED:	DATE:
APPROVED:	DATE:

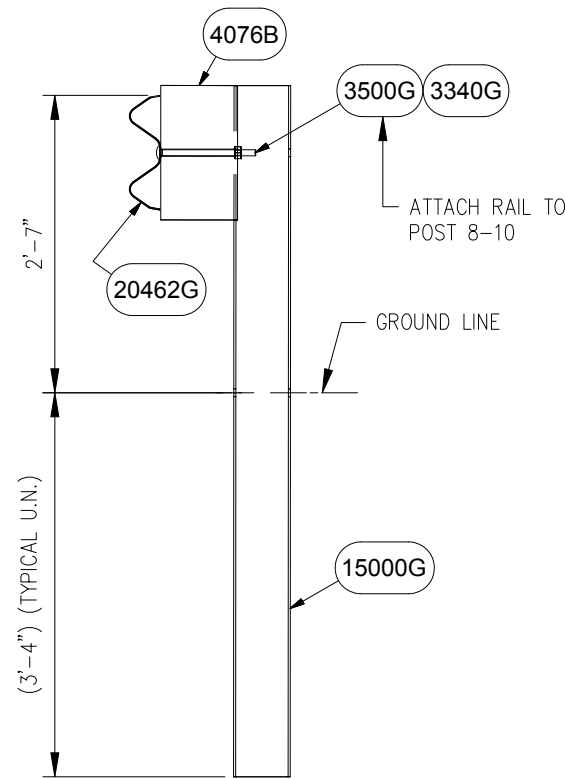
REF.: EH-9181

**TRINITY HIGHWAY PRODUCTS, LLC**

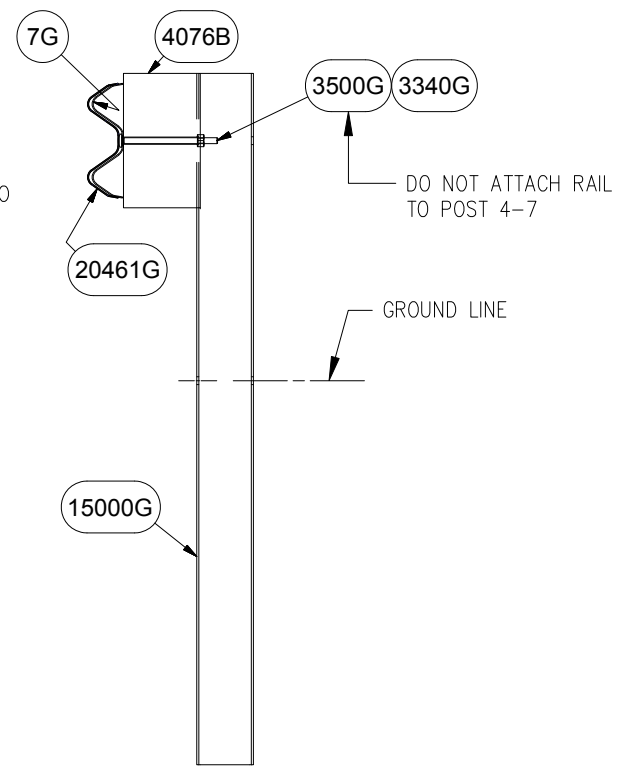
**SRT-MASH FLARED END TERMINAL  
FLORIDA QPL NO. S536-XXX**

UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES.  
DIMENSIONS ACCORDING TO ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED.

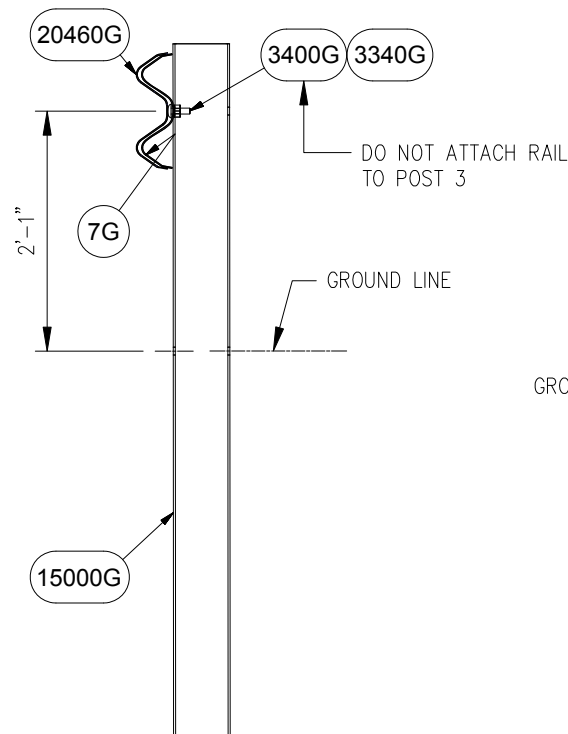
DRAWING: 85-03-06      SHEET: 2 of 4      REV: -



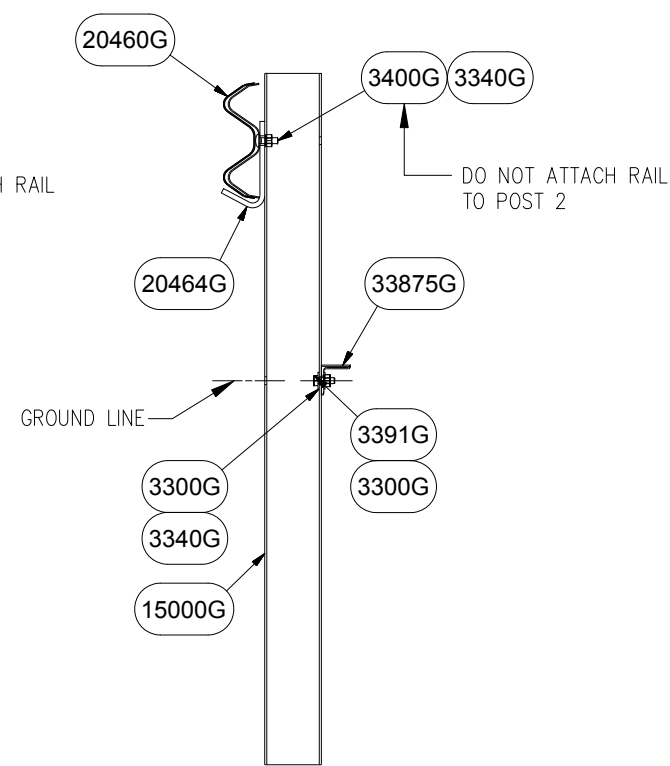
**SECTION E-E**  
(AT POST 8 THRU 10)



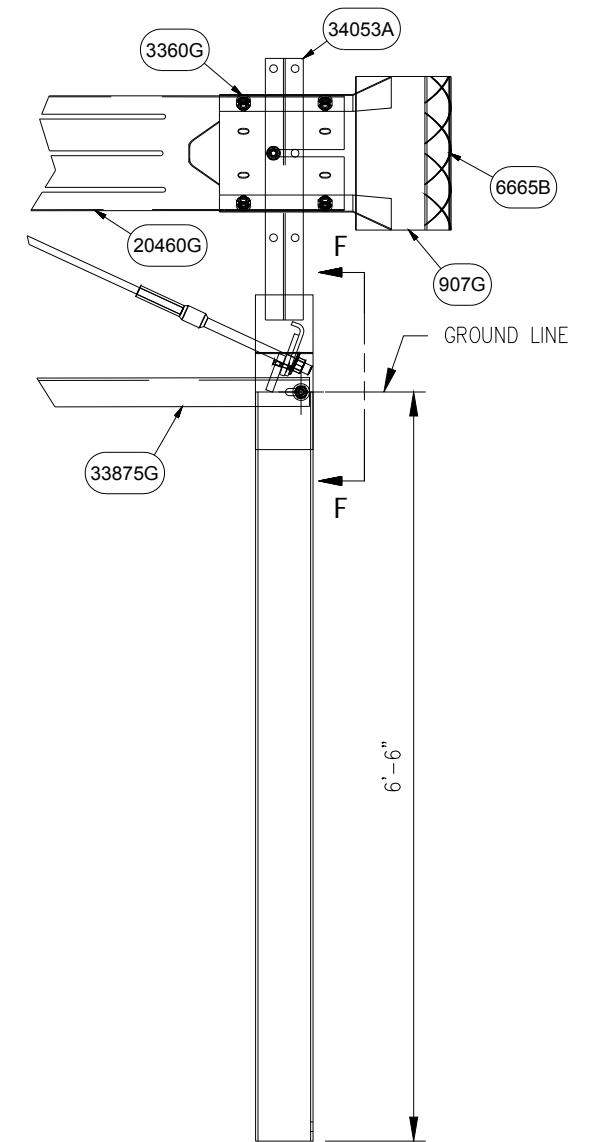
**SECTION D-D**  
(AT POST 4 THRU 7)



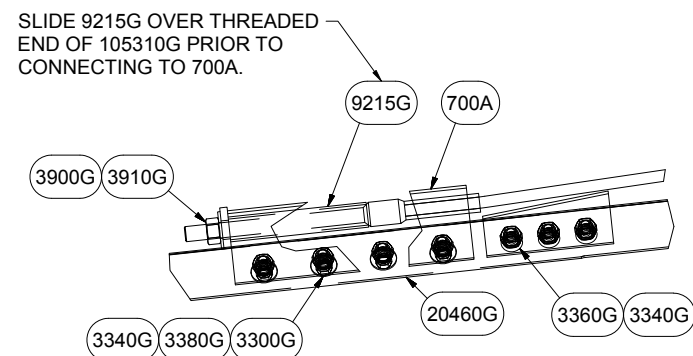
**SECTION C-C**  
(AT POST-3)



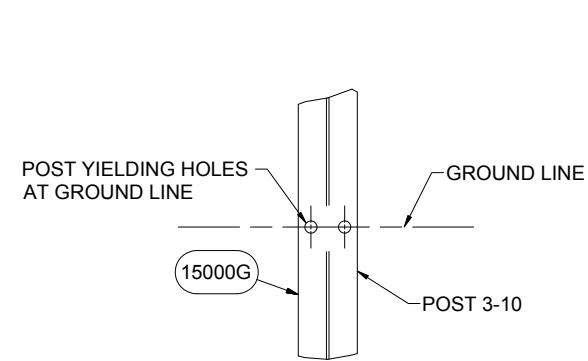
**SECTION B-B**  
(AT POST-2)



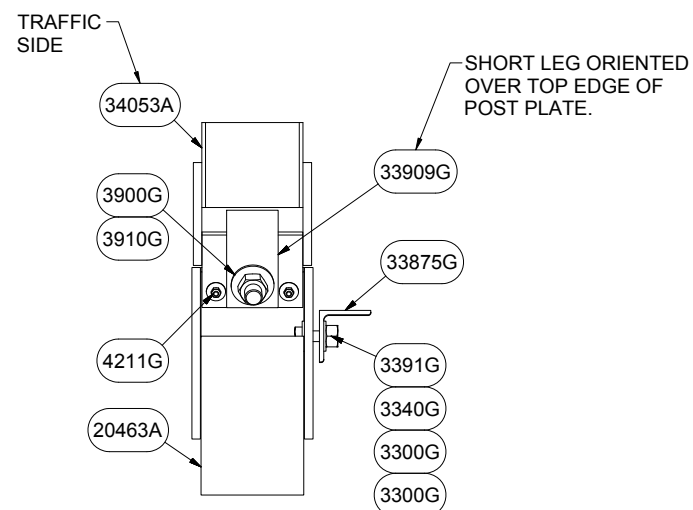
**DETAIL A**  
(AT POST-1)



**DETAIL H**  
(AT CABLE ANCHOR BRACKET)



**DETAIL G**



**SECTION F-F**

REF.: EH-9181

DRAWN: P. SEPULVEDA DATE: 7/03/2013

DESIGNED: P. SEPULVEDA DATE: 7/03/2013

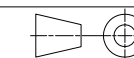
CHECKED: DATE:

APPROVED: DATE:

UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES.  
DIMENSIONS ACCORDING TO ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED.

**TRINITY HIGHWAY PRODUCTS, LLC**

**SRT-MASH FLARED END TERMINAL  
FLORIDA QPL NO. S536-XXX**

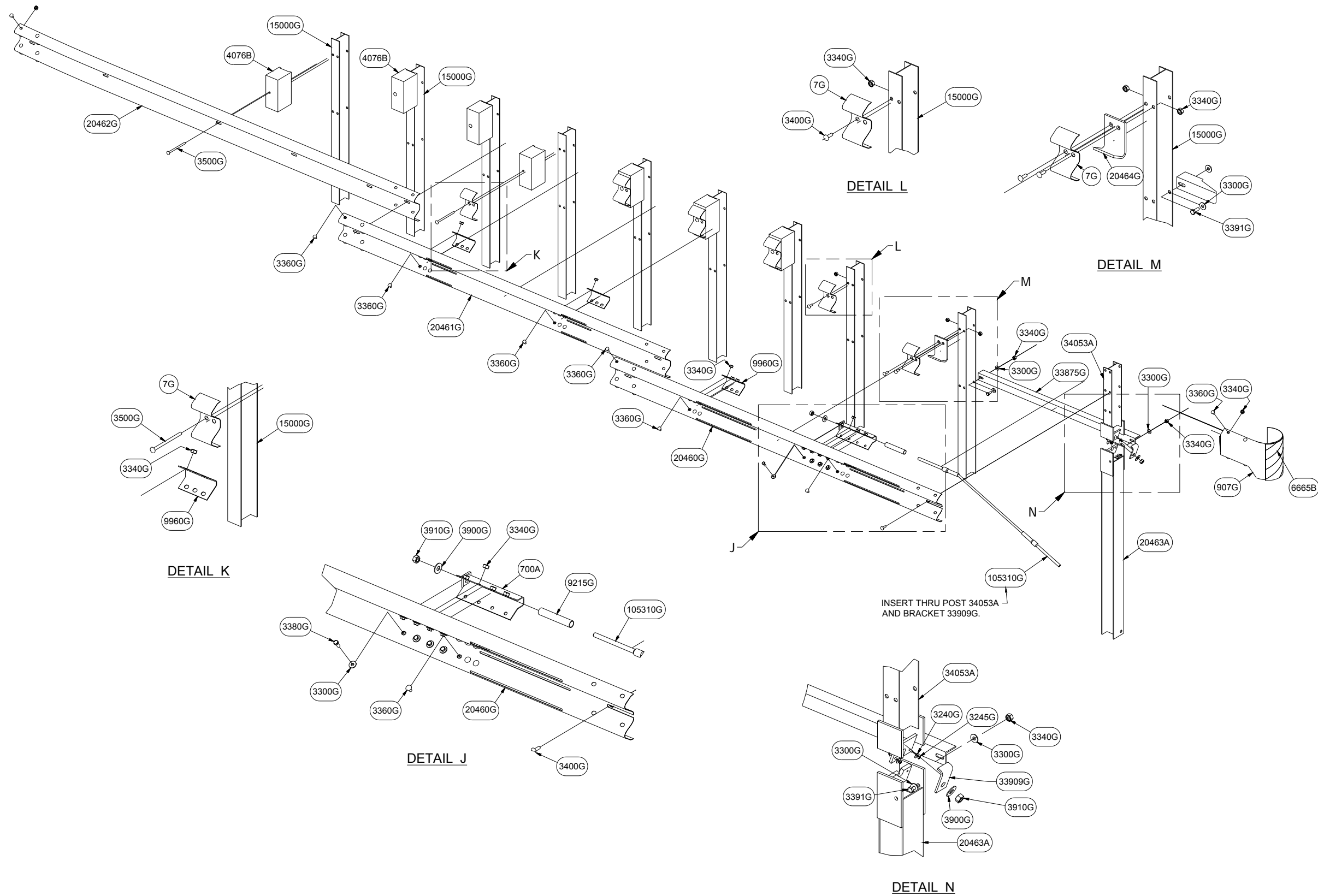


DRAWING: 85-03-06

SHEET: 3 of 4

REV: -

Revision	ECO	Date	Rev	By	Chk.	App.



REF.: EH-9181

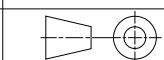
DRAWN: P. SEPULVEDA	DATE: 8/08/2013
DESIGNED: P. SEPULVEDA	DATE: 8/08/2013
CHECKED:	DATE:
APPROVED:	DATE:

**TRINITY HIGHWAY PRODUCTS, LLC**

**SRT-MASH FLARED END TERMINAL  
FLORIDA QPL NO. S536-XXX**

Revision	ECO	Date	Rev	By	Chk.	App.

UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES.  
DIMENSIONS ACCORDING TO ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED.



DRAWING: 85-03-06	SHEET: 4 of 4	REV: -
----------------------	------------------	-----------