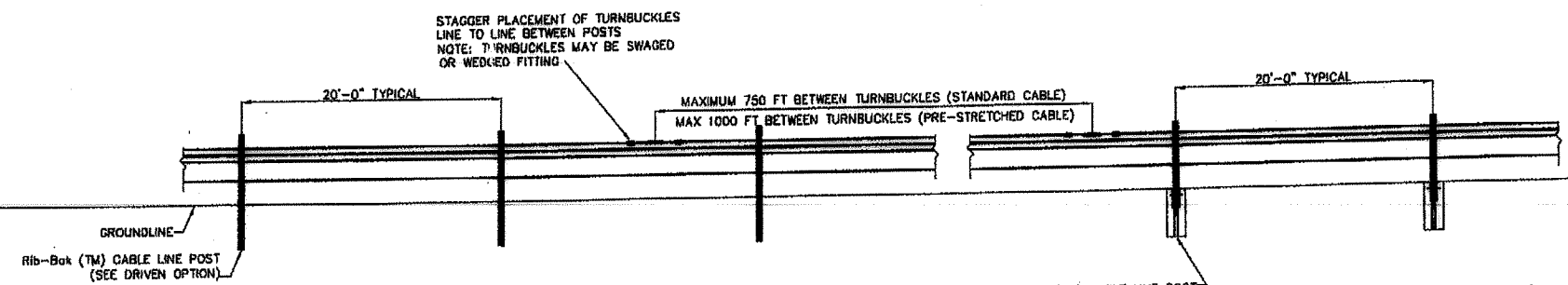


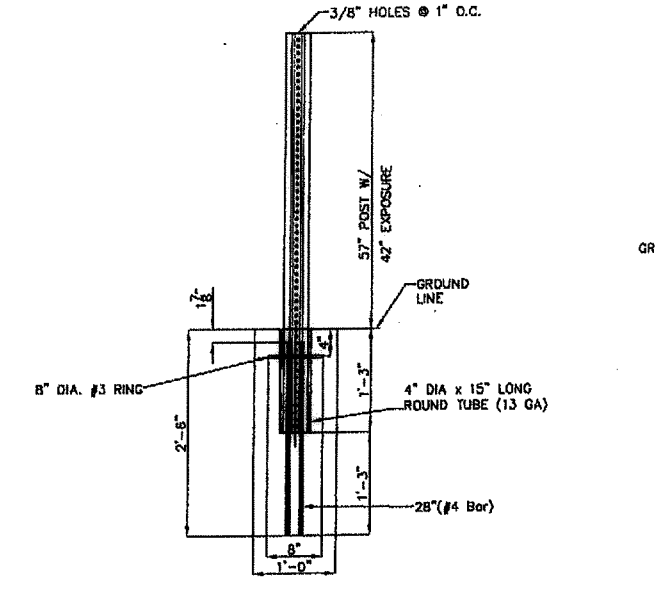
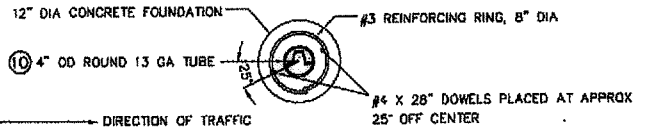
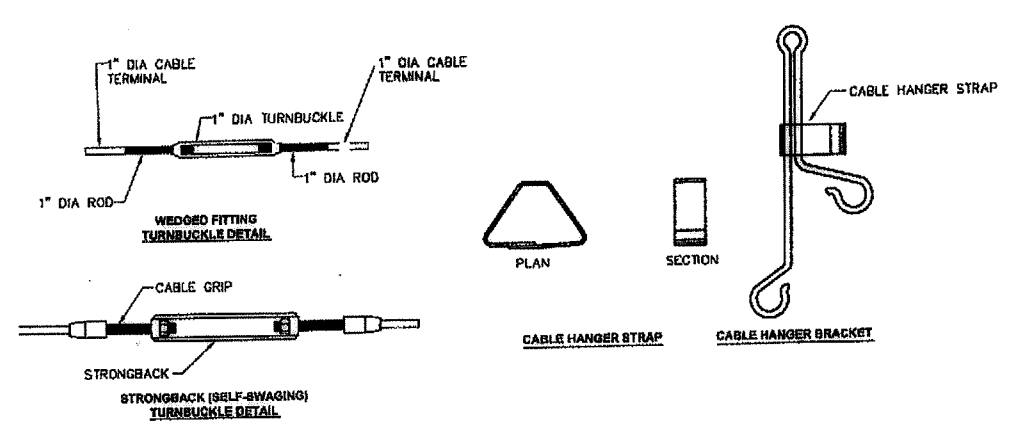
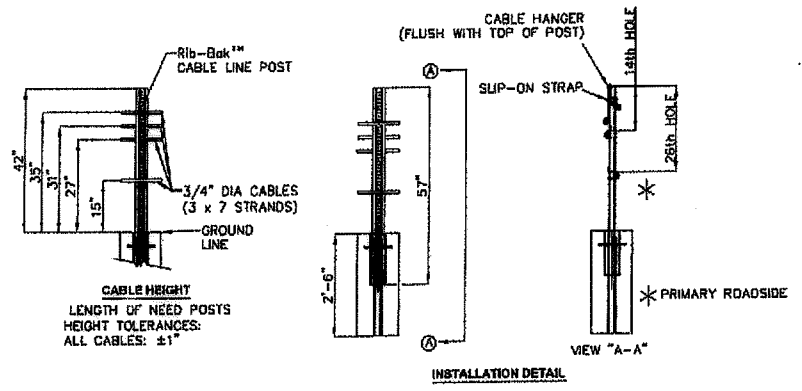
PLAN VIEW



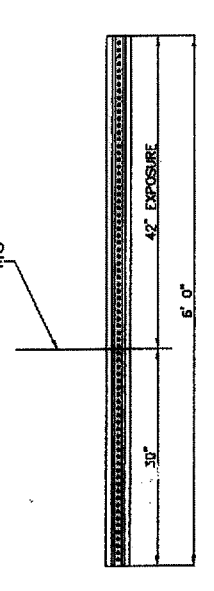
ELEVATION

GENERAL NOTES

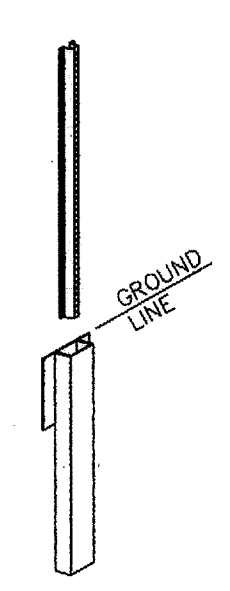
1. For additional information, contact your distributor or Nucor Steel Marion, Inc. at (803) 430-8350.
2. For payment see special specification "Cable Barrier System".
3. For additional information see the manufacturer's product manual.
4. The NU-CABLE System is designed for bi-directional traffic flows. See the manufacturer's product manual for placement adjacent to guardrail end treatments.
5. The NU-CABLE System shall be installed on shoulders or medians with slopes of 6:1 or flatter without obstructions, depressions, etc. that may significantly affect the stability of an errant vehicle.
6. The NU CABLE System may be installed on either side of the roadway. Rib-Bak™ Cable Line Posts may be socketed or driven design. The TL-4 system uses a 4#/LF post exclusively.
7. All foundation designs are based on NCHRP 350 strong (S1) soil. Consult the manufacturer for specific foundation designs if soil types differ.
8. See Table #1 for tension amount at specific cable temperature for Initial installation.
9. See Table #2 for tension amount at specific cable temperature for maintenance.
10. Socket may be round or rectangular.
11. Consult your project plan sheets and cable barrier specifications for desired socket material.



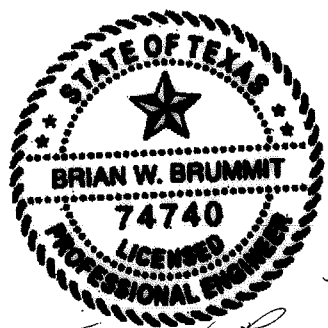
SOCKETED POST OPTION (TYPE S POST)



DRIVEN POST OPTION (TYPE D POST)



DRIVEN SOCKET OPTION (TYPE S POST)



THE SEAL ON THIS DRAWING IS TO ACKNOWLEDGE THE REVIEW OF THIS STANDARD DRAWING AGAINST THE AP-TESTED INSTALLATION AS ACCEPTED BY FHWA LETTERS HNSD/8-183 AND HNSD/10-157 AND THE BARRIER END TERMINAL AS ACCEPTED BY FHWA LETTER HNSD/00-106.

TABLE 1

CABLE TENSION CHART	
INITIAL INSTALL	
F	LBF
120	4624
110	4986
100	5350
90	5713
80	6077
70	6440
60	7167
50	7894
40	8619
30	9348
20	10073
10	10800
0	11525
-10	12252
-20	12979
-30	13706

TABLE 2

CABLE TENSION CHART	
MAINTENANCE	
F	LBF
120	4021
110	4336
100	4652
90	4968
80	5284
70	5600
60	6232
50	6864
40	7496
30	8127
20	8759
10	9391
0	10022
-10	10654
-20	11286
-30	11918

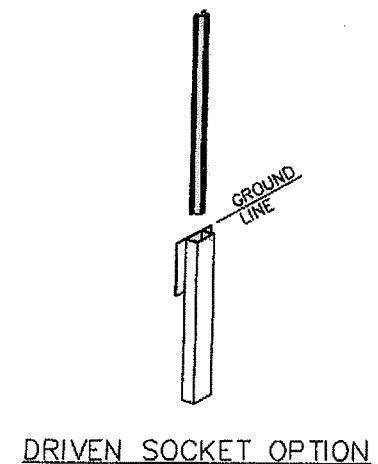
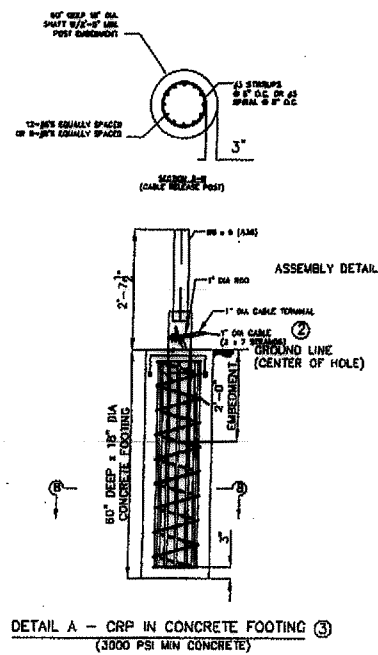
NU-CABLE TL-4 CABLE SYSTEM

SHEET 1 OF 2

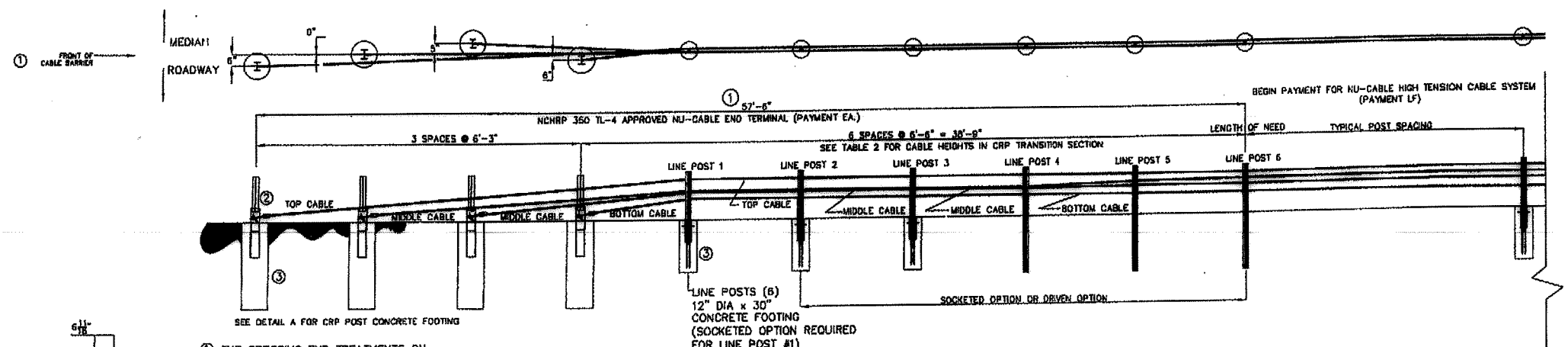
DWG DATE: 10/05/2009

FILE:	DN:	CK:	DW:	CK:
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REVISIONS	COUNTY	CONTROL	SECT	JOB
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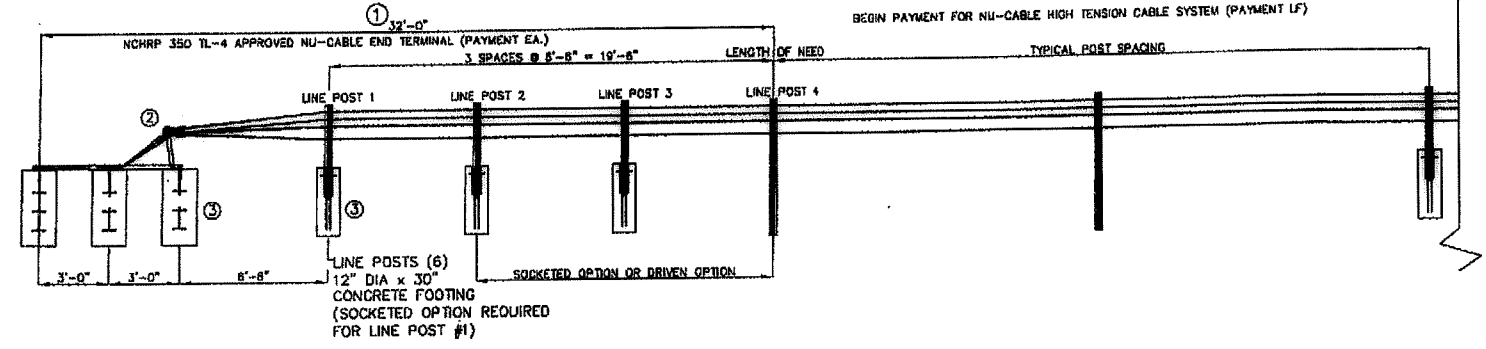
11/3/09



NU-TEN CONCRETE FOOTING DETAIL ③



CRP POST END TERMINAL SYSTEM



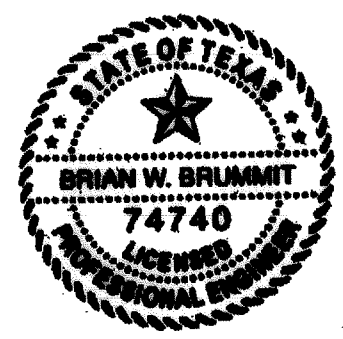
NU-TEN END TERMINAL SYSTEM

④ TABLE 3

CRP End Terminal Cable Heights - TL-4						
	LP 1	LP 2	LP 3	LP 4	LP 5	LP 6
Top Cable	34"	34"	34"	34"	34"	34"
Upper-Middle Cable	27"	27"	27"	27"	28"	31"
Bottom-Middle Cable	24"	24"	24"	24"	24"	24"
Bottom Cable	15"	15"	15"	15"	15"	15"

NOTES

1. The opposing end treatments on a particular run are mirrored in their layout. System payment is per each (EA). Refer to project specifications for additional payment information.
2. Refer to installation manual for cable end assembly detail.
3. All foundation designs are based on NCHRP 350 strong (S1) soil. Consult the manufacturer for specific foundation designs if soil types differ.
4. See Table 3 cable heights in CRP transition section.



BWB
11/3/09

THE SEAL ON THIS DRAWING IS TO ACKNOWLEDGE THE REVIEW OF THIS STANDARD DRAWING AGAINST THE AS-BUILT INSTALLATION AS ACCEPTED BY FHWA UNDER LETTERS HSSD/B-153 AND HSSD/B-167 AND THE BANNER END TERMINAL AS ACCEPTED BY FHWA LETTER HSSD/CC-100.

NU-CABLE END TERMINALS (TL-4)

SHEET 2 OF 2

DWG DATE: 10/05/2009

FILE:	DN:	CK:	DW:	CK:
	DISTRICT	FEDERAL AID PROJECT		SHEET
REVISIONS	COUNTY	CONTROL	SECT	JOB
				HIGHWAY