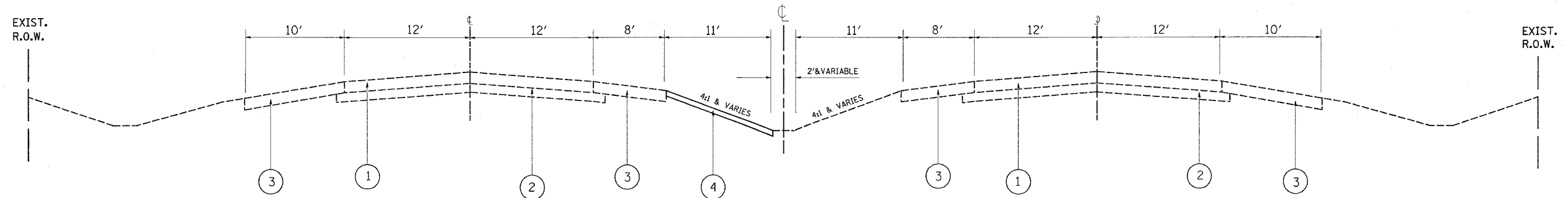
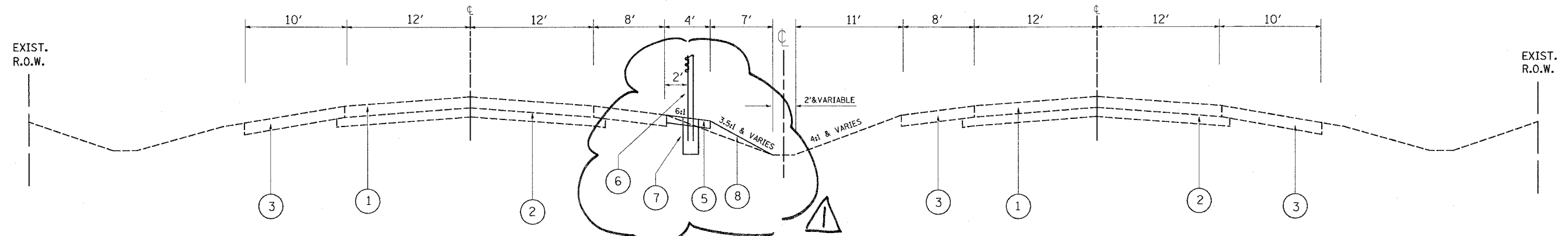


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-1-I-3	WILL	34	5
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

CONTRACT 60A42



I-80  
EXISTING TYPICAL CROSS SECTION  
STA 1761+00 TO STA 1880+00



I-80  
PROPOSED TYPICAL CROSS SECTION  
STA 1761+00 TO STA 1880+00

**LEGEND**

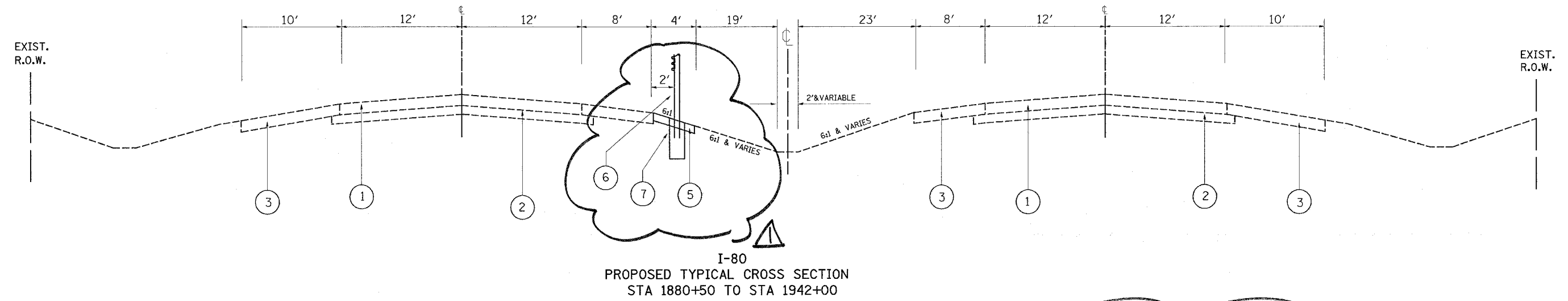
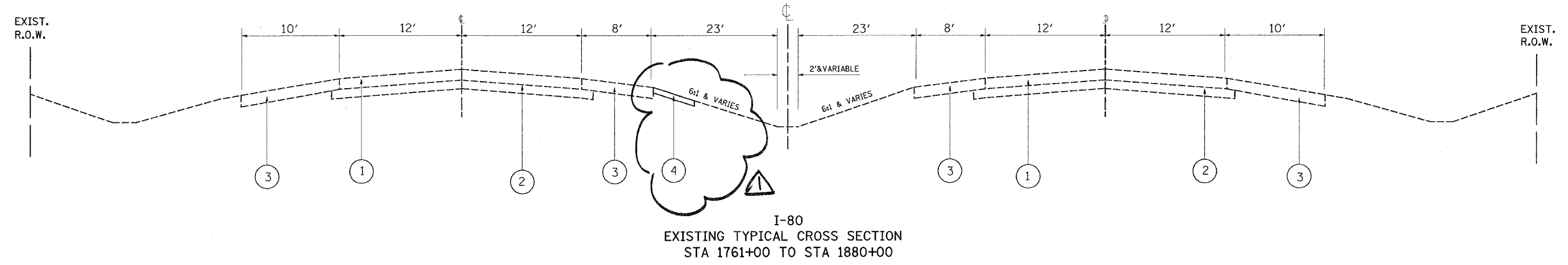
- ① EXISTING 10" P.C.C. PAVEMENT
- ② EXISTING SUBBASE GRANULAR MATERIAL; TYPE A
- ③ EXISTING BIT. SHOULDER
- ④ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑤ PROPOSED BITUMINOUS SHOULDER, SUPERPAVE 4"
- ⑥ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER SYSTEM
- ⑦ PROPOSED CONCRETE FOUNDATION - INCLUDED IN THE COST OF THE HIGH TENSION CABLE MEDIAN BARRIER SYSTEM
- ⑧ PROPOSED SEEDING CLASS 2A AND TOPSOIL PLACEMENT 4"

**MIXTURE REQUIREMENTS**

ITEM	AC TYPE	VOID	RAP %
BITUMINOUS SHOULDER, SUPERPAVE, 4"	PG 58-22	2% @ 30 GYR	50

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSTATE 80**  
**EXISTING AND PROPOSED TYPICAL SECTION**  
SCALE : NONE  
4/17/2006  
DRAWN BY: HMO  
CHECKED BY:



**LEGEND**

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**MIXTURE REQUIREMENTS**

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSTATE 80**  
**EXISTING AND PROPOSED TYPICAL SECTION**

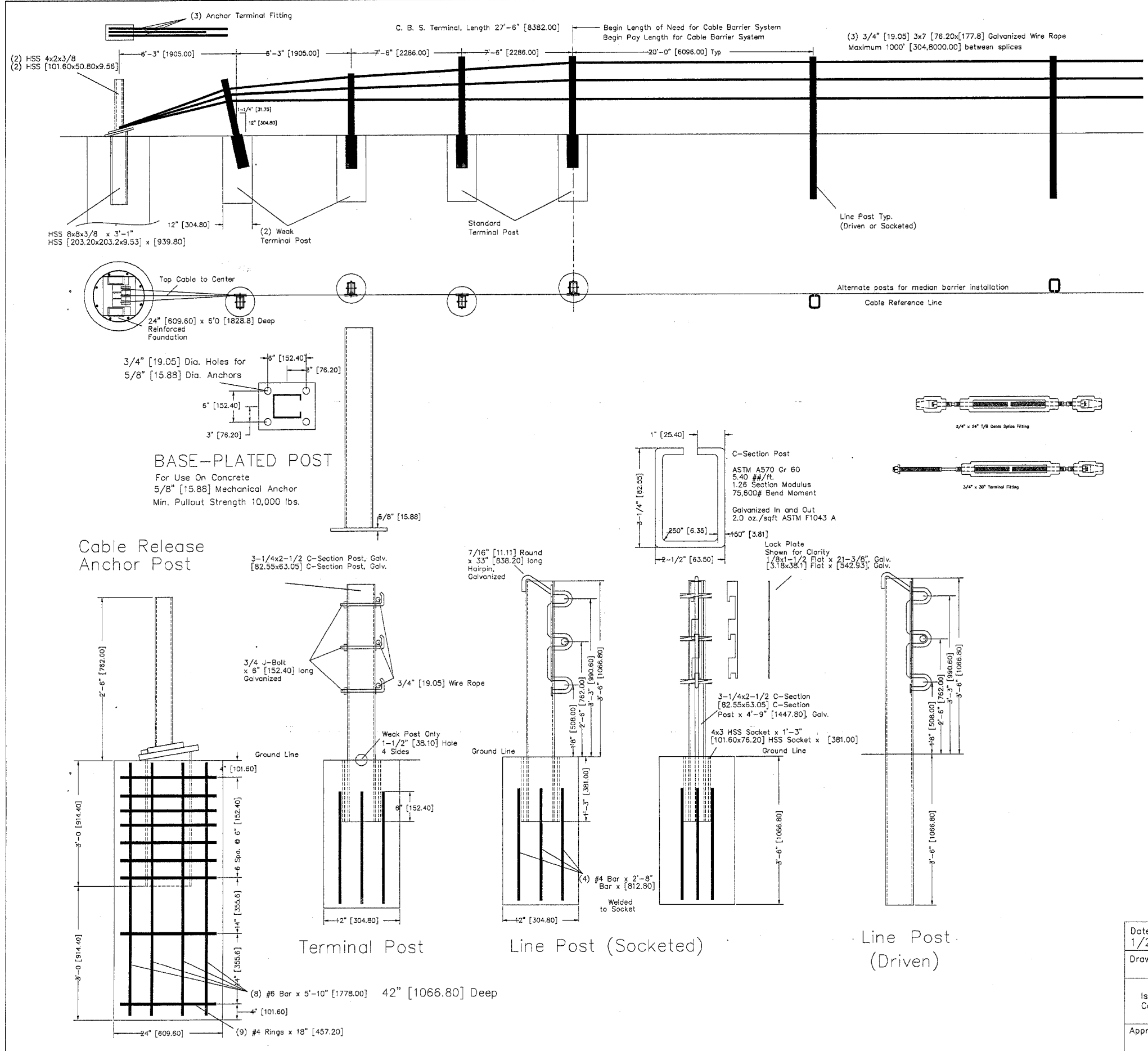
SCALE : NONE  
4/17/2006

DRAWN BY: HMO  
CHECKED BY:

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-1-1-3	WILL	34	22
STA.	STA.	ILLINOIS	FED. AID PROJECT	
FED. ROAD DIST. NO.				

GENERAL NOTES

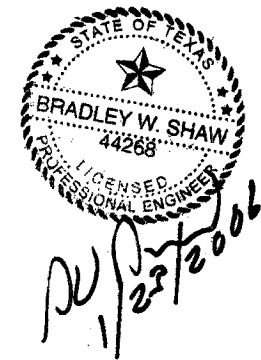
- For additional information contact Gibraltar, Inc. at 1-800-495-8957.
- All concrete shall be class A.
- All posts shall be socketed unless otherwise specified.
- For additional information: See the manufacturer's product manual.
- For payment see special specification "Cables Barrier System".
- The Cable Barrier System is designed for bi-directional traffic flows. See the manufacturer's product manual for placement adjacent to the guardrail end treatments.
- The Cable Barrier System shall be installed on median shoulders or on depressed medians with slopes of 6:1 or flatter without obstructions, depressions, etc. that may significantly affect the stability of an errant vehicle.
- The Cable Barrier System is accepted by the FHWA Test Level - 4
- See the MUTCD for proper "Barrier" delineation
- Rock Clause: Where solid rock is encountered:
  - For socketed post, continue digging 12" diameter, 15" deep into rock or the required plan depth whichever comes first.
  - For driven post, core drill a 4" diameter hole 18" deep into rock or the required plan depth, whichever comes first.
  - For Anchor post, continue digging 24" diameter, 30" deep into rock or the required plan depth, whichever comes first.



Cable Tension	
-10F	8000
0	7600
10	7200
20	6800
30	6400
40	6000
50	5600
60	5200
70	4800
80	4400
90	4000
100	3600
110	3200

Deflection	Post Spacing
9'3"	30.FT
9'	28.FT
8'	20.FT
7'	12.FT
6'8"	10.FT

Allowable Deviation from Chart - 200 lbs/force



Date 1/20/06	TL4-20M ILL	Gibraltar 320 Southland Road Burnet, Texas 78611
Drawn by TJ	20'-0"	
Issued For Construction		<b>Cable Barrier System</b> 
Approver	Date	

1 May 2005  
Patent Pending