



**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 "Cable Barrier System".
- The GCBS system is designed for bi-directional traffic flows. See the manufacturer's product manual for placement adjacent to guardrail end treatments.
- GCBS shall be installed on median shoulders or in depressed medians with slopes of 6:1 or flatter without obstructions, depressions, etc. that may significantly affect the stability of an errant vehicle.
- GCBS may be installed on either side of the median.
- See the Texas MUTCD for proper "Barrier" delineation.
- Rock Clause: Where solid rock is encountered,
  - For socketed post, continue digging 12" dia., 15" deep into rock or the required plan depth, whichever comes first.
  - For driven post, core drill a 4" dia. hole 18" deep into rock or the required plan depth, whichever comes first.
  - For anchor post, continue digging 24" dia. hole 30" deep into rock or the required plan depth, whichever comes first.
- For Anchor Post, if poor soil conditions exist (i.e. "sugar" sand or expansive clay) continue the 7 ft. deep shaft an additional 2 feet. (See the manufacturer's installation manual)
- All components shall be galvanized.

CABLE TENSION CHART	
F	Std. Cable
-10	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

Allowable Deviation from Chart: ± 10%

LEVELS DISPLAYED
11
63

**P. E. SEAL REQUIRED**  
**PRELIMINARY**  
**SUBJECT TO REVISION**

**GIBRALTAR**  
**(TL-4) CABLE**  
**BARRIER SYSTEM**  
(Gibraltar Inc.)

FILE#	DN#	CK#	OW#	CK#
DISTRICT		FEDERAL AID PROJECT		
REVISIONS		COUNTY	CONTROL SECT	JOB HIGHWAY