



**GENERAL NOTES**

- For additional information, contact GSI Highway Products Inc. Hutchins Tx. (800)374-4156 or Nucor Steel Marion, Inc. at (603)430-9350.
  - All concrete shall be class A.
  - All posts shall be socketed unless otherwise specified.
  - For payment see special specification "Cable Barrier System".
  - For additional information see the manufacturer's product manual
  - The U.S. High Tension Cable system is designed for bi-directional traffic flows. See the manufacturer's product manual for placement adjacent to guardrail end treatments.
  - The U.S. High Tension 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.
  - The U.S. High Tension Cable System may be installed on either side of the roadway. Rib-Bak(tm) Cable Line Posts may be socketed or driven design.
  - See the Texas MUTCD for proper "Barrier" delineation.
- See US High Tension Installation manual for proper line post and CRP post delineation placement.

| Cable Temp. | lbs/ft |
|-------------|--------|
| 120         | 4021   |
| 110         | 4336   |
| 100         | 4652   |
| 90          | 4968   |
| 80          | 5284   |
| 70          | 5600   |
| 60          | 6232   |
| 50          | 6864   |
| 40          | 7494   |
| 30          | 8127   |
| 20          | 8759   |
| 10          | 9391   |
| 0           | 10022  |
| -10         | 10654  |
| -20         | 11286  |
| -30         | 11918  |

Chart shows actual cable temperature.

**US HIGH TENSION CABLE SYSTEM**  
(Nucor Steel Maion, Inc.)

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

|                  |
|------------------|
| LEVELS DISPLAYED |
| 1                |

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