**TERMINAL UNIT TYPE G-2**

**60°, 140° BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2)**

**ITEM**

1. **UNIT**

TERMINAL UNIT TYPE G-2

**NOTE**

TERMINAL UNIT TYPE G-2 shall be used only at the terminations of the longitudinal system. The end of the terminal shall terminate in a 4:1 or flatter slope.

**REFERENCES**

- AASHTO, LATEST ADOPTED VERSION
- AASHTO-AGC-ARTBA JOINT COOPERATIVE COMMITTEE

**ALL DIMENSIONS SUBJECT TO MANUFACTURER'S TOLERANCES.**

**TIGHTEN CABLE ASSEMBLY TO TAUT TENSION AND DOUBLE-NUT BOTH ENDS.**

**DIMENSIONS OF PLASTIC AND SYNTHETIC BLOCKOUTS ARE AS SHOWN ON MANUFACTURER'S DRAWINGS.**

**GENERAL NOTES**

1. **THE LENGTH OF NEED IS THE TOTAL LENGTH OF A LONGITUDINAL BARRIER NEEDED TO SHIELD AN AREA OF CONCERN. TO DETERMINE THE LENGTH OF NEED, REFER TO THE ROADSIDE DESIGN GUIDE - AASHTO, LATEST ADOPTED VERSION. THE G-2 UNIT SHALL TERMINATE IN A 4:1 OR FLATTER SLOPE.**

2. **DESIGNATIONS PROVIDED IN BRACKETS [ ] REFERENCE STANDARD ELEMENTS DETAILED IN A GUIDE TO STANDARDIZED HIGHWAY BARRIER RAIL HARDWARE - LATEST ADOPTED VERSION, AASHTO-AGC-ARTBA JOINT COOPERATIVE COMMITTEE.**

3. **ALL DIMENSIONS SUBJECT TO MANUFACTURER'S TOLERANCES.**

4. **STANDARDS NO. 60-1 (OR GR-2) SHALL BE USED IN CONJUNCTION WITH THIS STANDARD. SEE THESE STANDARDS FOR ADDITIONAL DETAILS OF COMMON HARDWARE.**

5. **TIGHTEN CABLE ASSEMBLY TO TAUT TENSION AND DOUBLE-NUT BOTH ENDS.**

6. **DIMENSIONS OF PLASTIC AND SYNTHETIC BLOCKOUTS ARE AS SHOWN ON MANUFACTURER'S DRAWINGS.**

**END PLATE**

**DIRECT PLATE WASHER**

**RETRACTABLE PLATE WASHER**

**STEEL POST**

**ANCHOR PLATE**

**SCH. 40 PIPE SPACER**

**SYNTHETIC OFFSET BLOCK**

**SOIL PLATE**

**BEARING PLATE**

**NEUTRAL AXIS**

**THREE SIDES**

**SIDE**

**TOP**

**END PLATE**

**ANCHOR PLATE ASSEMBLY DETAILS**

**ANCHOR PLATE**

**STEEL POST & BLOCK**

**ELEVATION**

**PLAN**

**ELEVATION**

**PLAN**

**END SECTION**

**STRUCTURAL SHAPE STEEL POST & BLOCK**

**STANDARD PLANS**