

**ITEM 606.27 15 - Strong Post Corrugated Beam Guide Railing**  
**ITEM 606.28 15 - Strong Post Corrugated Beam Median Barrier**

**DESCRIPTION.**

This work shall consist of furnishing and installing Strong Post Corrugated Beam Guide Railing and Median Barrier in accordance with the Contract Documents and the Manufacturer's specifications.

**MATERIALS.**

Materials shall conform to the requirements of §606-2 and §710-20, unless specified otherwise by the Manufacturer or in the Contract Documents. The posts shall be steel and of the type and dimensions indicated on the manufacturer's drawings or, where applicable, the Standard Sheets.

Any transitions from the proprietary system to NYSDOT standard transitions shall be supplied by the Manufacturer.

**Basis of Acceptance.** A strong post barrier system shall be selected from one of those listed on the table below, or an approved equal, as approved by the Director, Office of Design.

**Basis of Approval.** Guide rail or median barrier systems shall be a nominal 787 mm tall, Test Level 3 approved via NCHRP 350 or MASH, and shall have a maximum allowable standard deflection less than or equal to 1220 mm.

<b>Product</b>	<b>Manufacturer</b>	<b>Contact Information</b>	<b>Notes</b>
T-31 Guardrail w/ Steel Yielding Line Post	Trinity Industries	Girard, OH (800) 321-2755 <a href="http://www.highwayguardrail.com">www.highwayguardrail.com</a>	-No blockout required -1905 mm spacing -weakened post
NU-GUARD -31	Nucor Steel Marion, Inc.	Marion, OH (800) 333-4011 <a href="http://nucorhighway.com/nu-guard.html">http://nucorhighway.com/nu-guard.html</a>	-No blockout required -1905 mm spacing -U-channel post
Gregory Mini Spacer (GMS)	Gregory Highway Products	Canton, OH (330) 477-4800 <a href="http://www.gregorycorp.com">www.gregorycorp.com</a>	-No blockout required -1905 mm spacing -standard post

**CONSTRUCTION DETAILS.**

The requirements of §606-3.01 and §606-3.04 of the Standard Specifications shall apply, unless otherwise specified by the Manufacturer.

**METHOD OF MEASUREMENT.**

The work will be measured as the number of meters along the centerline of guide rail or median barrier installed including any transitions supplied by the manufacturer.

**BASIS OF PAYMENT.**

The unit bid price shall include the cost of all labor, materials, and equipment necessary to complete the work.