

*Villita Assembly Building  
at San Antonio*

The Villita Assembly Building of the Public Service Board of San Antonio

is used to help promote San Antonio as a convention site.

The saucer-shaped roof is supported by 200, 11/16-in., 1 x 19 Bethlehem Bethanized strands, each about 47 ft

long. Strand assemblies consist of pre-stretched strands with swaged fittings and turnbuckles. Prestretching limited the residual constructional stretch, and raised the modulus of elasticity.

**SECTION 5**  
**Structural**  
**Applications**

