# IVTRAN Monuments

197 Beth Bartel September 15, 2009 Antenna Masts and Monument Pins 1649

## IVTRAN Monuments.

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Shown below are the basic components of the IVTRAN monument system. Historically, the mounts have been used with Trimble SST antenna although tests at MIT suggest that even with a choke-ring antenna attached they should be stable provided the mount itself is well connected to bedrock or fine grained concrete using epoxy.

Below is a detailed view of the monument itself. The monument is 90 mm long, and the rod that is attached during use is 355 mm long,

Size of drill holes needed to install IVTRAN monuments.
[See attached .pdf for graphic.]

View of an installed monument in use.

concrete was coarse grained).

Online URL: https://kb.unavco.org/article/ivtran-monuments-197.html