

SKT 350 Installation Checklist

State: _____

Date: _____

Project #: _____

Location: _____

- The rail height is in accordance with the plans (generally 27-3/4" above the edge of the shoulder).
- The rail is not attached to the post at post location #1.
- The foundation tubes do not protrude more than 4" above the ground line (measured by the AASHTO 5' cord method). Site grading may be necessary to meet this requirement.
- The bolts at the top of the foundation tubes are not over-tightened, deforming the walls of the tubes.
- The guide chute of the impact head is parallel to the top of the rail and the impact head does not encroach on the shoulder (a 50:1 taper is permitted to eliminate the potential for encroachment).
- The two lag screws holding the impact head to post 1 are snug.
- The 8" x 8" bearing plate at post 1 is correctly positioned with the 5" dimension up & the 3" dimension down. The anchor cable is taut and correctly installed. A nail has been placed over the bearing plate to prevent rotation.
- The cable anchor bracket shoulder bolts are properly attached to the W-beam guardrail and the cable anchor bracket is fully seated on the shoulder portion of the bolts.
- Posts installed in foundation tubes have the 2-1/2" breakaway hole located parallel to the roadway with the bottom of the hole at the top of the tube.
- CRT posts have two 3-1/2" breakaway holes (checked prior to installation) located parallel to the roadway with the center of the top hole located at the ground line.
- If the posts were augered, be sure the backfill material around the posts is compacted.
- No washers are used on the face of the rail except at the cable anchor bracket bolts.

Additional notes: _____

Inspection performed by: _____