

CAT-350™
INSTALLATION CHECK LIST

STATE: _____
DATE: _____
PROJECT: _____
LOCATION: _____

- Proper and uniform rail height (27 ¾")
- Post #1 notched side faces post #2.
- Proper orientation of bearing plate. (5" up, 3" down)
- Soil plates verified with foundation tubes. (Downstream side when required)
- Anchor cable is taut and correctly installed.
- Guardrails spanning from posts #2 to #4 are 12 gage (PC-31G) and are positioned with the 210mm (8-1/4") long slots at post #4.
- Guardrails spanning from post #4 to #6 are 10 gage (PC-130A) and are positioned with the welded attachment plates at post #4.
- No rail attachment at posts #3, #5 and #6.
- But a restraint rod attached just downstream of posts #3 and #5.
- Rail splices at posts #4 and #6 permit telescoping.
- Rail lapping at posts #4 and #6 include plate washers and PC-3395G special splice bolts.
- Knockout tubes are in place on the upstream sides of posts #4 and #6, with post plates at post #4.
- Tail end and/or transition as required have been installed in accordance with the contract plans.

CAT-350™

MAINTENANCE INSTRUCTIONS

MAINTENANCE FOR THE CAT-350™ CAN BE CATEGORIZED AS ROUTINE OR REPAIR.

Routine maintenance consists of periodically checking the system to see that the cable is taut and the blockouts have not rotated.

REPAIR MAINTENANCE DEALS WITH THE SYSTEM AFTER IT HAS BEEN HIT.

The CAT-350™ is designed to collapse in stages when it is impacted on the end. Depending on the severity of the impact, repair may consist of replacing only: stage one, the 1905mm (6'-3) nose section; stages one and two, the nose section and 3810mm (12'-6) set of 12-gage panels and posts; or all three stages of the above ground parts of the complete CAT- 350™ .

In any event, the CAT-350™ replacement parts may be ordered in stages or by the individual parts. A parts list by stages may be obtained from Trinity Industries by calling (800)644-7976.

THE FOLLOWING STEPS SHOULD BE TAKEN IN MAKING REPAIRS:

- (1) Set up the necessary work zone control devices.
- (2) Make note of the broken wood posts and wood blockouts that need to be replaced.
- (3) Inventory and pick up the reusable parts.
- (4) Bring necessary replacement parts from the maintenance yard.
- (5) Disconnect and remove the damaged rail and material from the system.
- (6) The broken posts in the steel tubes can be removed using one of the post removal tools recommended that can be assembled from 'off-the-shelf' hardware items
- (7) After the site has been cleared of damaged material and debris, the system can be reconstructed following the construction installation instructions.

CAT-350™ MAINTENANCE INSTRUCTIONS

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