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End Treatments: SKT™

NEW! SKT-SP Standard Post System – the same SKT already in use all across America



- Enhanced upper and lower hinged Post #1
- Hinged W6 Post #2, no ground strut
- Cost savings for Post #3 and beyond:
 - generic standard W6 steel guardrail posts
 - standard W-Beam rail sections
- Simplified installation and maintenance

How the SKT™ Functions

The SKT™ 350 (Sequential Kinking Terminal) is an energy absorbing tangent terminal. The SKT™ is 50'-0" long and has 8 breakaway posts. NCHRP 350 APPROVED.



During head-on impacts, the SKT™ head slides over the W-beam guardrail. The rail is sequentially kinked or bent as it moves through the head. The kinked guardrail exits the head safely and the vehicle is brought to a controlled stop. When impacted along the side within the length-of-need, the SKT™ functions like guardrail. The errant vehicle is safely redirected back toward its original travel path.

New Soil Plate Option

The FHWA now allows the 4'-6" long foundation tubes at posts 3 & 4 or posts 3 - 8 to be installed without the soil plates. This design is optional and the contract plans must be followed.

Benefits and Features

- The only component different from the FLEAT™ is the impact head. This greatly reduces inventory requirements.
- The forces required to push the impact head down the rail are lower than other tangent end terminals.
- The impact head weighs less than 175 pounds. The high strength steel construction and lower impact forces results in a better performing design.
- The impact head is significantly easier to remove from the rail compared to competitive systems.

- The refined design over older technology improves the impact performance efficiency. The longer impact head and improved cable anchor bracket results in a better terminal.
- The SKT™ is available from multiple distributors. This means the end of sole source supply.
- Fits a wide range of applications:
 - Tangent
 - Wood or Steel Posts
 - Test Level 2 and 3 Speed

Note: The SKT is available in a 2, 4, or 8 foundation tube option.

PDF Files, Open in Separate Windows

NOTE: You should use the latest version of the Adobe Reader. [Click here to go to the Adobe Reader download site.](#)

- [SKT™ Drawing](#)
- [SKT™ Assembly Drawing](#)
- [SKT™ Assembly Drawing for New Hinged Post](#)
- [SKT™ Steel Post Installation](#)
- [SKT™ & Approval: April 2, 1997](#)
- [Foundation Tube and Blockout Options: June 10, 1998](#)
- [SKT™ & FLEAT Steel Post Approval: August 27, 1999](#)
- [Test Level 2 Approval: February 4, 2000](#)
- [SKT™ Eliminating Soil Plates From Tubes 3 Through 8: March 23, 2001](#)
- [SKT™ Hinged Steel Post Approval: October 30, 2002](#)
- [SKT™ LITE Shortened 37'-6" S Long System With Wood or Steel Posts: July 14, 2004](#)
- [SKT™ & FLEAT Steel Post Hinged With Single 3/4" Bolt: August 20, 2004](#)
- [SKT Universal Posts \(11.5MB\): June 1, 2008](#)
- [SKT-SP Standard Post System: September 17, 2008](#)

Videos

- [QuickTime](#)
- [Windows Media](#)
- [Real Media](#)



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