



DIRECT BURIAL TUBULAR ALUMINUM POST

SSF30a

SHEET NO.	DATE:
1 OF 2	2006

INTENDED USE

The direct burial tubular aluminum post small sign support system can be used as a one-post (SSF30a) sign support system. The system has been successfully crash tested with the sign post driven directly into a strong soil. The system, when driven into strong soil, is considered to meet the requirements of the 1985 AASHTO *Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals*. The performance of this system in weak soil full-scale crash tests was satisfactory since the post did not fracture as intended.

COMPONENTS

The direct burial tubular aluminum small sign support system consists of one component, an aluminum sign post (PTP30-32).

REFERENCES

L. A. Staron, "Vermont - Tubular Aluminum Signs," Geometric and Roadside Design Acceptance Letter SS-15, Federal Highway Administration, December 12, 1989.

L. A. Staron, "Florida Crash Test Results of Small Sign Supports," Geometric and Roadside Design Acceptance, Letter SS-28, Federal Highway Administration, May 26, 1992.

L. A. Staron, "Breakaway Sign Supports," Geometric and Roadside Design Acceptance Letter SS-35, Federal Highway Administration, May 28, 1993.

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