



ANCHOR DETAILS
 (4 PER POLE/POST)

TRANSPO[®] ANCHOR



FMA01a-c

SHEET NO.

DATE:

1 of 2

02/09/11

INTENDED USE

Transpo[®] Anchors are internally-threaded inserts that are designed to be embedded in concrete foundations. Typically, a group of four (4) anchors are installed for each post or pole. The Anchors are a components of numerous breakaway sign and luminaire support systems, including SSC01a-b, SSC02a-b, SSC03a-b, SSC04a-b, SSC05a-b, SSC07a-b, LBC03a-c, and other systems requiring internally-threaded anchors. They significantly reduce breakaway stub height, and eliminate maintenance problems caused by bent anchor bolts.

Transpo[®] Anchors are available in three (3) different thread diameters, as follows:

FMA01a = 5/8"-11 [16].

FMA01b = 3/4"-10 [19].

FMA01c = 1"-8 [25].

In addition to improved safety performance, Transpo[®] Anchors provide high structural load-carrying capacity. Each anchor is proof-load tested and rated for the following minimum ultimate tensile force:

FMA01a = 30,000 lbs [133 kN].

FMA01b = 60,000 lbs [267 kN].

FMA01c = 60,000 lbs [267 kN].

Each set contains four (4) Transpo[®] Anchors. The reinforced concrete foundation is not included.

REFERENCES

L.A. Staron, Breakaway Sign Supports, Geometric and Roadside Design Acceptance, Federal Highway Administration, Letter Number SS-17, January 8, 1990; Letter Number SS-17A, March 7, 1995; and, Letter Number SS-17B, April 25, 1995.

Dwight A. Horne, Breakaway Luminaire Supports, Geometric and Roadside Design Acceptance Letter Number LS-45B, Federal Highway Administration, January 16, 1997.

Michael S. Griffith, Breakaway Sign Supports, Geometric and Roadside Design Acceptance Letter Number SS-17C, Federal Highway Administration, August 6, 2003.

CONTACT INFORMATION

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