

Illinois Department of Transportation
Bureau of Materials
(Maintained by Bureau of Safety Programs and Engineering)

Qualified Product List
TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL

Effective **January 17, 2025**

This list supersedes the **October 14, 2022**

Standard Specifications for Road and Bridge Construction Section 631 (Adopted January 1, 2022)

Material Code 55601, 55602 & 55611

Traffic Barrier Terminal, Type 1 Special (Tangent)*

- *Lindsay Transportation Solutions (Barrier Systems, Inc.)*
180 River Rd
Rio Vista, CA 64571
Phone: (888) 800 - 3691

“X- Tension” – NCHRP 350

[FWHA acceptance memorandum HSSD-1/CC-102A dated August 19, 2011](#)

Drawing: [X-Tension](#)

“Max-Tension Guardrail Terminal System” – MASH

[FWHA acceptance memorandum HSST-1/CC-133 dated June 15, 2017](#)

Drawing: [MAX-Tension](#)

- *Road Systems, Inc.*
3616 Old Howard County Airport
Big Spring, Texas 79720
Phone: (915) 263 - 2435

“SKT - MGS” – NCHRP 350

[FWHA acceptance memorandum HAS-10/CC-88 dated March 8, 2005](#)

Drawing: [SKT-MGS](#)

“SKT-SP-MGS” – NCHRP 350

[FWHA acceptance memorandum HSSD/CC-88C dated December 10, 2009](#)

Drawing: [SKT-SP-MGS](#)

“MSKT-SP-MGS” – MASH

[FWHA eligibility memorandum HSSD-1/CC-126 dated June 10, 2016](#)

Drawing: [MSKT](#)

***Note:**

Traffic Barrier Terminal Type 1 Special (Tangent) - NCHRP 350 devices listed on this QPL are only allowed on contracts let before July 1, 2018. MASH devices listed on this QPL are required for contracts let on or after July 1, 2018.

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Traffic Barrier Terminal, Type 1 Special (Tangent)* *continued*

- *Valtir, LLC*
(Formerly Trinity Highway Products, LLC)
15601 Dallas Parkway, Suite 525
Addison, TX 75001
Phone: (888) 323-6374

“SoftStop MASH End Terminal” - MASH

[FHWA acceptance memorandum HSST/CC-115 dated November 12, 2015](#)

Drawing: [SoftStop](#)

- *SPIG Industry LLC*
14675 Industrial Park Rd
Bristol, VA 24202
Phone: (276) 644-9510

“SGET End Terminal” – MASH

Drawing: [SGET](#)

***Note:**

Traffic Barrier Terminal Type 1 Special (Tangent) - NCHRP 350 devices listed on this QPL are only allowed on contracts let before July 1, 2018. MASH devices listed on this QPL are required for contracts let on or after July 1, 2018.

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Traffic Barrier Terminal, Type 1 Special (Flared)

- Lindsay Transportation Solutions (Barrier Systems, Inc.)
180 River Rd
Rio Vista, CA 94571
Phone: (888) 800-36

“X-Tension” – NCHRP 350*

[FHWA acceptance memorandum HSSD-1/CC-102A dated August 19, 2011.](#)

Drawing: [X-Tension](#)

- Valtir, LLC
(Formerly Trinity Highway Products, LLC)
15601 Dallas Parkway, Suite 525
Addison, TX 75001
Phone: (888) 323-6374

“SRT-31” – NCHRP 350*

[FHWA acceptance memorandum HSSD/CC-100 dated August 30, 2007](#)

Drawing: [SRT-31](#)

- Road Systems, Inc.
3616 Old Howard County Airport
Big Spring, Texas 79720
Phone: (915) 263 – 2435

“MFLEAT” – MASH

[FHWA acceptance memorandum HSST-1/CC-143 dated April 10, 2019](#)

Drawings: [MFLEAT](#)

***Note:**

Traffic Barrier Terminal Type 1 Special (Flared) - NCHRP 350 can continue to be used until two MASH products are available for flared end terminals on the QPL.

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Submittal for Approval

A. Scope

The following guidelines are provided to clarify the submittal requirements for placement on the QPL

B. Procedure

When submitting a new product to the Department, the following shall be included in the submittal package:

- FHWA Eligibility letter (If available)
- Installation Manual
- Product drawings
- Product Specifications
- Crash Test videos and reports
- Product information sheet (If available)
- Other documentation pertinent to the review

The submittal information shall be sent to:

Illinois Department of Transportation
Bureau of Safety Programs and Engineering
2300 S Dirksen Parkway, Room 005/007
Springfield, IL 62764