



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 25, 2018

SUBJECT: Various Routes
Section D6 Cable/Guardrail 2017-4
Various Counties
Contract No. 72J96
Item No. 71, August 3, 2018 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised pages 9 and 10 of the Special Provisions

Prime contractors must utilize the enclosed material when preparing their bid and must include any changes to the Schedule of Prices in their bid.

Very truly yours,

Jack A. Elston, P.E.
Bureau Chief
Bureau of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger P.E.".

By: Ted B. Walschleger, P.E.
Engineer of Project Management

cc: Jeff South, Region 4, District 6; Tim Kell

CWR/cr

MIDWEST GUARDRAIL SYSTEM

Effective January 1, 2007 the department adopted the Midwest Guardrail System (MGS) for use on all its state and federal highways. The MGS is reflected in the current Highway Standards in this contract. Details of Pre-MGS guardrail and traffic barrier terminals have been included in the plans and are appropriately marked. **MGS guardrail is not compatible with earlier versions of Pre-MGS guardrail.** Some notable differences between MGS and Pre-MGS include:

- The guardrail mounting height has increased 3-7/8", raising the nominal top of rail mounting height to 31" as shown in standard 630001.
- The block out dimension for Type A and B guardrail has increased from 6" to 1'-0".
- Steel blockouts are no longer used. Wood blockouts or plastic blockouts on IDOT's approved list may be used.
- The use of Type "C" rail has been discontinued.
- The splice point for rail pieces is different.
- The length of both Type A and B guardrail posts has been reduced from 6'-9" to 6'-0".

Many of the guardrail terminal standards have also changed, the Contractor is advised to note changes in specifications and pay limits.

MGS work consists of repairing or replacing guardrail or traffic barrier terminals in accordance with Section 631 of the Standard Specifications and the Highway Standards shown on the plans.

Pre-MGS work consists of repairing or replacing guardrail or traffic barrier terminals in accordance with Section 631 of the Standard Specifications and the Highway Standards effective April 1, 2006. A copy of the April 1, 2006 standards have been included in the plans and are designated "Pre-MGS". The Contractor must supply a TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL from the approved list, attached herein, titled Illinois Department of Transportation, Bureau of Materials and Physical Research, **APPROVED LIST OF TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, June 8, 2018.**

The pay items in this contract do not differentiate between MGS and Pre-MGS guardrail. There will be one pay item of guardrail work regardless of whether it's an MGS or Pre-MGS guardrail assembly. The Contractor shall include any extra labor, equipment, or material costs to repair or replace either MGS or Pre-MGS guardrail in the contract unit price of the appropriate pay item.

Illinois Department of Transportation
Bureau of Materials
QUALIFIED PRODUCTS LIST OF TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL
June 8, 2018
This list supersedes the December 22, 2017 list.
Standard Specifications Section 631 (Adopted April 1, 2018)
Supplemental Specification and Recurring Special Provisions Section 631 (Adopted January 1, 2018)

Illinois Department of Transportation
Bureau of Materials
QUALIFIED PRODUCTS LIST OF TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL
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Supplemental Specification and Recurring Special Provisions Section 631 (Adopted January 1, 2018)

Material Code 55601, 55602 & 55611
Traffic Barrier Terminal, Type 1 Special (Flared)
Lindsay Transportation Solutions (Barrier Systems, Inc.)
180 River Rd
Rio Vista, CA 94571
Phone: (888) 900-3691
"X-Tension" - NCHRP 350
FHWA acceptance memorandum HSSD-1/CC-102A dated August 19, 2011.
Drawing: X-Tension
Trinity Highway Products, LLC
2525 N. Stemmons Freeway
Dallas, TX 75207
Phone: (800) 644-7376 or (801) 292 - 4461
"SRP-31" - NCHRP 350
FHWA acceptance memorandum HSSD/CC-100 dated August 30, 2007
Drawing: SRP-31

Material Code 55601, 55602 & 55611
Traffic Barrier Terminal, Type 1 Special (Tangent)
Lindsay Transportation Solutions (Barrier Systems, Inc.)
180 River Rd
Rio Vista, CA 94571
Phone: (888) 900 - 3691
"X-Tension" - NCHRP 350
FHWA acceptance memorandum HSSD-1/CC-102A dated August 19, 2011
Drawing: X-Tension
"Max-Tension Guardrail Terminal System" - MASH
FHWA acceptance memorandum HSSD-1/CC-133 dated June 15, 2017
Drawing: MAX-Tension
Road Systems, Inc.
3816 Old Howard County Airport
Big Spring, TX 79720
Phone: (915) 263 - 2435
"SKT - MGS" - NCHRP 350
FHWA acceptance memorandum HAS-10/CC-88 dated March 8, 2005
Drawing: SKT-MGS
"SKT-SP-MGS" - NCHRP 350
FHWA acceptance memorandum HSSD/CC-88C dated December 10, 2009
Drawing: SKT-SP-MGS
"MSKT-SP-MGS" - MASH
FHWA eligibility memorandum HSSD-1/CC-126 dated June 10, 2016
Drawing: MSKT
Trinity Highway Products, LLC
2525 N. Stemmons Freeway
Dallas, TX 75207
Phone: (800) 644-7376 or (801) 292 - 4461
"SoftStop MASH End Terminal" - MASH
FHWA acceptance memorandum HSSD/CC-115 dated November 12, 2015
Drawing: SoftStop

*Note:
Traffic Barrier Terminal Type 1 Special Tangent - NCHRP 350 devices listed on this QPL
are only allowed on contracts let before July 31, 2018. MASH devices listed on this QPL are
required for contracts let on or after July 1, 2018.