



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 31, 2018

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

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, December 17, 2004.**

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.

Revised 7-31-18

Illinois Department of Transportation
Bureau of Materials and Physical Research
APPROVED LIST OF TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL
December 17, 2004
Special Provision for Traffic Barrier Terminal, Type 1 Special (Revised January 1, 2003)
Material Code 55601

Traffic Barrier Terminal, Type 1 Special (Tangent)

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

"SKT"

Wood blockouts only. Wood post system only. Posts 1 & 2 to use steel soil tubes (6'-6" or 6'-0" with wood posts). Posts 3 through 8 to use 4'-6" soil tubes with wood posts (soil plates not required), OR posts 3 through 8 may be 6' CRT posts.

Trinity Industries, Inc.
2525 N. Stemmons Freeway
Dallas, TX 75207
Phone: 800-644-7976
or 801-292-4461

"ET-2000"

Wood blockouts only

A wood post system may be used. Posts 1 & 2 to use steel soil tubes (6'-6" or 6'-0" with wood posts). Posts 3 through 8 to use 4'-6" soil tubes with wood posts (soil plates not required), OR posts 3 through 8 may be 6' CRT posts.

OR a system using the Steel Yielding Terminal Post (SYTP) (Posts 2 to 8) and one Hinged Break Away post (HBA) (Post 1) may be used.

Traffic Barrier Terminal, Type 1 Special (Flared)

Energy Absorption Systems, Inc.
One East Wacker Drive
Chicago, IL60601-2076
Phone: 312-467-6750

"REGENT"

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

"FLEAT"

Wood post system only.

Trinity Industries, Inc.
2525 N. Stemmons Freeway
Dallas, TX 75207
Phone: 800-644-7976
or 801-292-4461

"SRT-350"

Wood post system only.

Revised 7-31-18