



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

November 1, 2018

SUBJECT: Rock Cut State Park
Section ROCK CUT 2018
Winnebago County
Contract No. 46903
Item No. 99, November 9, 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 24-25 of the Special Provisions.
2. Revised sheets 1-2 of the Plans.
3. Added sheet 223A to the Plans.

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, Design and Environment

A handwritten signature in black ink, reading "Ted B. Walschleger P.E." with a stylized flourish at the end.

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

cc: Kevin Marchek, Region 2, District 2; Tim Kell; D. Carl Puzey

JW/ck

TRAFFIC COUNTER

This work consists of furnishing and installing foundation, aggregate, weed barrier, structural components and traffic counter components at locations shown on the plans, as directed by the Engineer, and as herein specified. Generally, the traffic counter system is installed on break-away wide flange beam steel sign supports and foundations. The installed components will complete the Traffic Counter System as herein specified. All hardware, bolts, pipes and conduits necessary to install the components will be provided by the Contractor.

The traffic counter components to be furnished and installed under this item are as follows:

- Data Collection System with Cables
- Wireless Modem
- Dual Band Cellular/PCS Antenna
- Cabinets
- Solar Panels
- Solar Charge Regulators
- Batteries
- Antenna and Modem Cables

Components to be furnished under this item shall conform to the following manufacturer's specification or approved equivalent:

COMPONENT

TIRTL Ver. 3 Traffic Counter with Cellular Antenna and Cable, And external modem cable.	Control Specialists, Inc.
TIRTL Cabinets with IR Lenses	Control Specialists, Inc.
External Battery Cabinet BBA1M w/#2 Police Lock	Ameresco
Sierra Wireless LS 300 EVDO Rev. A VZW	Brightstar U.S., Inc.
SunSaver Solar Controller SS-10L-12V	Morningstar Corp.
Lifeline GPL-U1T 12 Volt 33 AH absorbed electrolyte battery	Concord Battery
Lifeline GPL-24T 12 Volt 80 AH absorbed electrolyte battery	Concord Battery

The number of components necessary to complete each installation is shown on the plans.

The wide flange beam break-away sign supports and foundation shall be constructed in accordance with Sections 727 and 734 of the Standard Specifications. They will not be paid for separately but shall be included in the cost of the traffic counter.

A 6' diameter, 6" thick layer of CA6 or CA10 shall be placed around the sign supports and foundations as directed by the Engineer. The finished grade of the CA6 or CA10 must be no higher than the edge of shoulder elevation and shall follow the existing side slopes. A WEED BARRIER FABRIC shall be placed prior to the CA6 or CA10 and shall be in accordance with Article 1081.14 of the Standard Specifications. This work shall be included in the cost of the traffic counter.

Full manufacturer's specifications of the components to be furnished under this item shall be approved in writing by the Engineer prior to ordering of components. Warranty information shall be provided to site personnel at the time of delivery of components.

The Traffic Counter System will be paid for at the contract unit price per Each for TRAFFIC COUNTER and shall include all components, material, labor, and equipment necessary to complete each installation as herein specified.

TUBULAR STEEL GATE

This work shall consist of furnishing and installing tubular steel gates at the locations noted in the plans and in accordance with details in the plans and this special provision. The openings in the posts shall be ground so as to leave no sharp edges.

Materials shall meet the following requirements of the Standard Specifications:

<u>Item</u>	<u>Article/Section</u>
Gate Posts	1006.27
Truss Rods	1006.26
Bolts & Nuts	1006.27
Steel Pipe & Tubes	1006.27

The Contractor shall submit duplicate copies of detailed shop drawings to the IDNR Region 1 Engineer for approval before fabrication is begun. The tubular steel gate may be "Standard Weight" pipe and the posts shall be "Extra Strong" pipe. Either welded or seamless pipe may be used.

The tubular steel gates, posts, and associated hardware shall be sanded, primed, and painted with two shop coats of paint after fabrication and galvanizing and one field coat of paint after erection. Cleaning and painting shall conform to the requirements of Section 506 of the Standard Specifications. The kind and color of paint shall be compatible with galvanizing and shall be stated on the shop drawings. A color sample 4"x6" shall be submitted prior to painting the top coat for approval by the IDNR Region 1 Engineer. The color selected shall be rustic brown compatible with other structures present within the park.

Padlocks of the same type and key, to match the other padlocks at the site, shall be provided to site personnel for each gate location. Class SI concrete, in accordance with Section 1020 of the Standard Specifications, shall be used for the post foundation and filling. Gates shall not be installed until the concrete, in which the posts are set, has cured for at least seven days. The sign panel(s) on the gate shall be constructed in accordance with Section 720 of the Standard Specifications and shall be hung from the gate by a method approved by the Engineer.

Revised 11/01/18