

STATE OF NEBRASKA  
DEPARTMENT OF ROADS  
ADDENDUM NO. 1  
AND  
ELECTRONIC BIDDING SYSTEM  
AMENDMENT NO. 1  
PROJECT NO. STP-275-7(190)  
CONTROL NO. 21574G  
CALL NO. 205  
US-275, SOUTH OMAHA BRIDGE, IOWA  
PEDESTRIAN TRAIL PAVING  
LETTING DATE: MARCH 3, 2011

The Schedule of Items for Group 3 is amended as follows:

1. The quantity for the bid item "Remove Rock Surfacing" is amended to read 34.200 STA.

The EBS generated bid items sheet must show this correction or the bid will be considered void.

\* \* \* \* \*

On page 75 of the Special Provisions, the provision titled **REMOVE ROCK SURFACING** is amended as follows:

1. The last portion of the subtitle is amended to read:

**Temporary ATV Trail Sta. 5009+55 to Sta. 5010+75**

2. The provision is amended to include the following:

At Sta. 5009+55 – 75' Lt, there is an existing culvert pipe that is to be removed. This removal shall be considered subsidiary to the bid item "Remove Rock Surfacing".

\* \* \* \* \*

On page 75 of the Special Provisions, the second sentence in the first paragraph of the provision titled **FURNISHING AND PLACING TOPSOIL** is amended to read:

The Contractor will be required to obtain topsoil from sources other than State right-of-way and place the topsoil approximately 8 inches in depth at the locations shown in the plans.

\* \* \* \* \*

On page 79 of the Special Provisions, the provision titled **REMOVABLE BOLLARD** is void and superseded by the following:

## REMOVABLE BOLLARD

The removable/collapsible bollard shall be constructed according to the following specifications; and they shall be measured and paid for on an each basis for the item "Removable Bollard". This price shall be considered full compensation for all materials, labor, tools, and incidentals necessary to complete the work.

### SPECIFICATIONS

#### HEAVY DUTY LOW PROFILE COLLAPSIBLE BOLLARDS

##### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

1.1.1. Collapsible bollards, bolt anchors and footing detail.

##### 1.2 MANUFACTURER REFERENCES

1.2.1 Traffic Guard Direct, Inc.

P.O. Box 201

Geneva, IL 60134-9946, USA Phone: 877-727-7347

Fax: 800-814-7194

1.2.2 Bollard Warehouse

PO Box 298, Batavia, IL 60510

Phone: 888-290-6420

Fax: 888-290-6422

1.2.3 Blue Ember Technologies, LLC

7560 Main Street

Sykesville, MD 21784

Phone: 410-552-9888

Fax: 410-552-9939

1.2.4 Or Approved Equal

##### 1.3 PERFORMANCE REQUIREMENTS

1.3.1 Bollard shall be between 30" to 36" tall and 4" to 6" wide steel Construction. Bollard will collapse down to 4" above finished ground surface or less. The post steel shall be 1/4" thick. The bollard mounting plate shall have 4 tamper resistant nuts, covers or tack weld nut to anchor bolt. Anchor bolts must be 1/4" dia.

1.3.2 Bollard must be a Padlock Operated Unit: Unlock the padlock and remove the locking pin to allow the pivot point to rotate and the bollard to lie down. Locking pin must be hot dipped

galvanized or stainless steel. Reverse the sequence to return bollard to its original and locked position.

- 1.3.4 All bollard surfaces are primed with rust and corrosion resistant, zinc rich primer and be painted in a highly visible yellow color with 3M reflective diagonal stripes on front and rear face for added safety. Reflective stripes must cover at least 25% of top portion of bollard.

#### 1.4 SUBMITTALS

- 1.4.1 Product Data: Submit manufacturer's drawings, specifications and installation instructions as required.

#### 1.5 QUALITY ASSURANCE

- 1.5.1 Supply: Bollard and base units must be supplied by a single manufacturer having the resources to provide consistent quality in appearance and physical properties.
- 1.5.2 Manufacturer should use best manufacturing practices in compliance with standards referenced above.

#### 1.6 DELIVERY, STORAGE AND HANDLING

- 1.6.1 Package units appropriately to protect finish.
- 1.6.2 Inspect materials to ensure that specified materials have been received.
- 1.6.3 Store units to avoid damage from moisture, abrasion, and other construction activities.

### PART 2 MATERIALS

#### 2.1 MATERIALS

- 2.1.1 General: Provide material free from surface blemishes and defects where exposed to view in the finished installation. Materials not specified shall be of good commercial quality, suitable in all respects for the purpose intended.
- 2.1.2 Steel Plate: A36      ASTM A36/A36M-05
- 2.1.3 Steel Tube: A53      ASTM A53/A53M-04a
- 2.1.4 Fasteners: Series 300 Stainless Steel

#### 2.2 FABRICATION

- 2.2.1 Painting and Cleaning: After fabrication of units, all tool marks and surface imperfections shall be removed and exposed faces of all welded joints dressed smooth. Coat units with a standard rust-inhibitive primer.

## 2.3 FINISHES

- 2.3.1 Primed (Standard): Apply standard rust inhibitive primer per manufacturer standard application instructions.

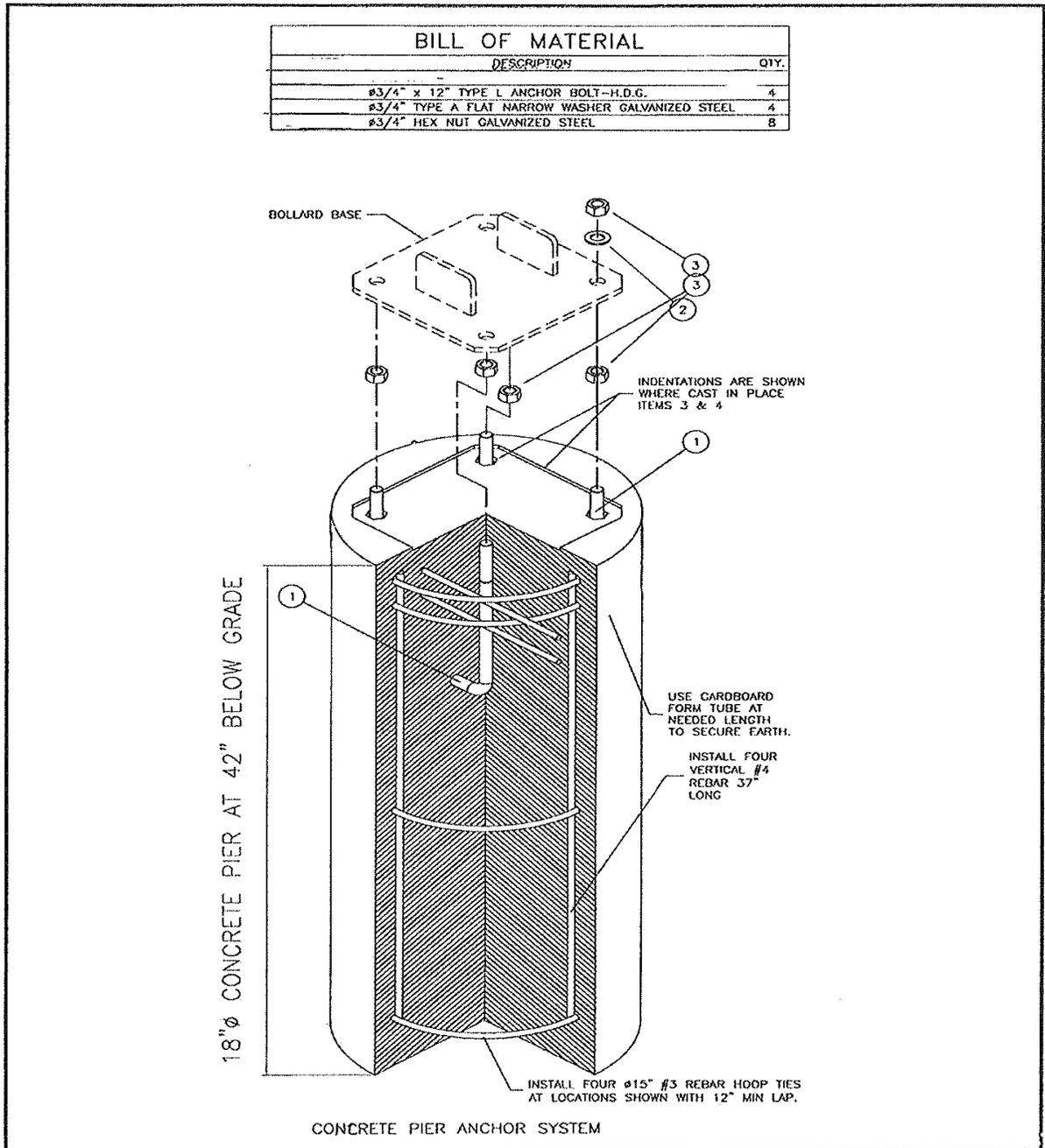
## PART 3 EXECUTIONS

### 3.1 INSTALLATION

- 3.1.1 Manufacturers Instructions: Comply with manufacturer provided instructions and drawings.
- 3.1.2 Base Units: Base units should be installed with the top plate flush with the finished surface. Be sure to keep any holes in the base unit top clear of taking on any debris that would limit the bollard unit from seating properly per instructions.
- 3.1.3 Bollard Unit: Bollard should be secured to base unit after it is leveled and fully cured.
- 3.1.4 Field Painting: If field painting, be careful not to paint moving parts which may restrict the bollard's proper function.
- 3.1.5 Footing detail is 18" round by 42" deep concrete. Install four #4 rebar and four #3 rebar hoops as shown. The indentation of bollard mounting plate in footing surface as shown. Detail is below.

### 3.2 SITE STORAGE AND PROTECTION

- 3.2.1 Receipt: Upon receipt of product, all materials shall be thoroughly inspected and all discrepancies, deficiencies and/or damages shall be immediately reported to the manufacturer in writing.
- 3.2.2 Storage: Store units in a dry location away from possible damage until the time of installation.



The Special Provisions are amended to include the following:

**FOUNDATION COURSE**

The Contractor shall have the option using either Aggregate Foundation Course-D or Crushed Concrete Foundation Course on this project. The bid item for either Aggregate Foundation Course-D or Crushed Concrete Foundation Course shall be "Aggregate Foundation Course 4".

\* \* \* \* \*

The Special Provisions are amended to include the following:

**CRUSHED CONCRETE FOUNDATION COURSE  
(C-4-1109)**

Section 307 of the Standard Specifications is amended to include the following:

All samples, including field samples, will be washed sieve. All samples will be taken from the project grade prior to spreading and trimming. Material represented by samples with 15 percent or more passing the No. 200 (75 µm) sieve will be subject to removal.

Paragraphs 3.b and 3.c. of Subsection 307.02 of the Standard Specifications are void.

Paragraph 3.d. of Subsection 307.02 of the Standard Specifications is void and superseded by the following:

The crushed concrete gradation shall be determined as prescribed in NDR T 27 (washed test). The gradation requirement for the crushed concrete foundation course is shown below:

Crushed Concrete Foundation Course Gradation Requirements	
Sieve Size	(Percent Passing)
1½ inch (37.5 mm)	100 minimum
¾ inch (19.0 mm)	80 maximum
No. 4 (4.75 mm)	20 to 45
No. 200 (75 µm)	0 to 8

Paragraph 3.a. of Subsection 307.03 of the Standard Specifications is amended to include the following:

- a. (1) The Contractor shall roll the crushed concrete foundation course until no further compaction can be obtained and all roller marks are eliminated.
- (2) The Department will establish a rolling pattern for the project and set a density range.
- (3) The Department shall monitor the rolling pattern with a nuclear density gauge, testing and recording the density every 1/2 mile (0.8 km). Additional testing of separately placed irregular areas shall be performed as directed by the Engineer.
- (4) The Contractor shall take immediate action to correct the foundation course density if any density measurements are outside of the specified range.

\* \* \* \* \*

On plan sheet 5, in the upper middle left of the sheet, the stationing for the "Remove Rock Surfacing" note is amended to read:

Sta. 5009+00.00 75' Lt to Sta. 5010+00.00 22' Lt

\* \* \* \* \*

Plan sheet 9 is amended as follows:

1. The note "Remove Bollard", near Sta. 8005+20 S. Seick Levee, is amended to read:

Remove Bollard (Subsidiary to "Remove Fence")

2. The title of the "Build Removable Bollard, Special Plan 1C" note is amended to read:

BUILD REMOVABLE BOLLARD

\* \* \* \* \*

On plan sheet 10, the title of the "Build Removable Bollard, Special Plan 1C" note is amended to read:

BUILD REMOVABLE BOLLARD

\* \* \* \* \*

Plan sheet 14, Special Plan 1C, is void and will not be used in the construction of this project.

\* \* \* \* \*

Upon execution of the contract, the plans will be revised to reflect these changes.

DEPARTMENT OF ROADS

***Original Signed by Kendall Stege***

Claude Oie  
Construction Engineer

Issued: February 18, 2011

CO:205AD103

NOTICE: Only the contractors issued bidding proposals receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the contractor.