DATE OF THIS VERSION (new)
May 1, 2013

TITLE OF DOCUMENT (new title if applicable):
Vehicle Barriers, 34 71 13

DATE OF VERSION BEING SUPERSEDED (old):
December 1, 2011

DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):
Vehicle Barriers, 34 71 13

SUMMARY OF CHANGES IN THIS VERSION:
1.6 Removed information about being certified by US Dept. of State.
1.8 Removed applicable publications.
SECTION 34 71 13
VEHICLE BARRIERS

SPEC WRITER NOTES:
1. Delete between // ---- // if not applicable to project.
2. Also delete any other item or paragraph not applicable in section and renumber paragraph.
3. Determine design loads required to meet the specified rating.

PART 1 - GENERAL

1.1 DESCRIPTION
A. This section includes passive High-Security Vehicle Barricades of walls and fixed bollards of crash resistance rating.
B. // Other System //

1.2 RELATED WORK
SPEC WRITER NOTE: Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
A. Section 32 12 16, ASPHALT PAVING, for asphalt driveway and approach paving.
B. Section 32 05 23, CEMENT AND CONCRETE FOR EXTERIOR IMPROVEMENTS, for concrete driveway and approach paving.
C. Section 03 30 00, CAST-IN-PLACE CONCRETE, for concrete islands and curbing.
D. Section 05 50 00, METAL FABRICATIONS, for pipe bollards to protect parking control equipment.
E. Section 28 16 00, INTRUSION DETECTION SYSTEM

1.3 SYSTEM DESCRIPTION
SPEC WRITER NOTE: Add paragraphs to this Article to suit Project or delete as required to describe each system.
A. Barricade system mounted in the ground as detailed on the drawings.
B. // Other System //

1.4 SUBMITTALS
A. Product Data: For each type of product indicated.
B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work. Indicate dimensions, required clearances,
method of field assembly, and location and size of each field connection.

C. Certificate test reports confirming compliance’s with specified resistive rating.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project.

SPEC WRITER NOTE: Revise subparagraph below to suit Project location. Consider replacing time with a maximum distance allowed.

B. Source Limitations: Obtain parking control equipment through one source from a single manufacturer.

1.6 PERFORMANCE

A. Performance Evaluation. All passive vehicle barriers shall be certified for their resistance to ramming according to the Department of State, Diplomatic Security, “Test Method of Vehicle Crash Testing of Perimeter Barriers and Gates” SD-STD-02.01 Revision A March 2003, or latest edition.

1.7 COORDINATION

Coordinate installation of anchorages for parking control equipment. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation.

PART 3-EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, critical dimensions, and other conditions affecting performance.

B. For the record, prepare written report, endorsed by Installer, listing conditions detrimental to performance.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

Install Gate in concrete foundation pad as outlined in manufactures installation instructions.
3.3 FIELD QUALITY CONTROL

Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

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