

# EXPECTED IMPLEMENTATION JULY 2019

## **D** 521 CONCRETE BARRIERS, TRAFFIC RAILINGS, AND PARAPETS. (REV 9-11-18) (FA 12-17-18) (7-19)

ARTICLE 521-1 is deleted and the following substituted:

### **521-1 Description.**

Construct precast or cast in place concrete barriers, traffic railings, opaque visual barriers, and parapets, herein referred to as rigid barrier, in accordance with the Standard Plans and the details shown in the Plans. Use stationary removable forms or sliding forms to construct the rigid barrier. Do not use permanent precast concrete rigid barrier on bridge or box culvert structures.

**R** Submit written certification from the manufacturer of the precast rigid barrier that the barrier meets the requirements of this Section. Rigid barrier is produced using certification acceptance; therefore, assume responsibility for performance of quality control testing and inspections required by Sections 346 and 400. Perform all Quality Control Testing and inspections using CTQP qualified testing personnel. Perform compressive strength testing in a laboratory inspected by CCRL or CMEC.

Ensure that each shipment of products to the job site includes a list of products shipped and the required written certification statement for each product. Submit this list and certifications to the Engineer.

**A** ARTICLE 521-8 is deleted and the following substituted:

### **521-8 Method of Measurement.**

The quantity to be paid for under this Section will be the plan quantity, in feet, completed and accepted. The quantity will be measured along the centerline of the rigid barrier from begin to end station, including transitional and end sections, with no deduction for expansion joints, open joints, or leave-outs.

ARTICLE 521-9 is deleted and the following substituted:

### **521-9 Basis of Payment.**

**F** Price and payment will be full compensation for all work specified in this Section, including all reinforcing, materials, soil stabilization, and incidentals necessary to complete the work.

Payment will be made under:

Item No. 521- 1-	Median Concrete Barrier - per foot.
Item No. 521- 5-	Concrete Traffic Railing - Bridge - per foot.
Item No. 521- 6-	Concrete Parapet - per foot.
Item No. 521- 8-	Concrete Barrier – with Junction Slab - per foot.
Item No. 521- 9-	Opaque Visual Barrier - per foot.
Item No. 521- 72-	Shoulder Concrete Barrier - per foot.