



**Department of
Transportation**

ANDREW M. CUOMO
Governor

MATTHEW J. DRISCOLL
Commissioner

STANDARD SPECIFICATIONS

(US CUSTOMARY UNITS)

**CONSTRUCTION
AND
MATERIALS**

January 1, 2016

50 Wolf Road
Albany, New York 12232

www.dot.ny.gov

Bridge bearings, expansion joints, and anchor bolts will be paid for under their appropriate items.

Progress payments will be made, after the concrete and curing applications have been properly placed, to the extent that payment will be made at 90% of the computed quantity of each concrete placement, with the balance to be paid after completion of all curing and corrective work thereon.

Payment will be made under:

Item No	Item	Pay Unit
555.0104	Footing Concrete, Class A (No Concrete Class Substitutions Permitted, Except Class H Where Footing is 3 feet Thick or Less)	Cubic Yard
555.0105	Concrete for Structures, Class A	Cubic Yard
555.05	Concrete for Structures, Class F	Cubic Yard
555.06	Concrete for Structures, Class G (Deposited Under Water)	Cubic Yard
555.07	Concrete for Structures, Class GG (Deposited Under Water)	Cubic Yard
555.08	Footing Concrete, Class HP	Cubic Yard
555.09	Concrete for Structures, Class HP	Cubic Yard
555.10	Concrete for Structures, Class D	Cubic Yard
555.11	Concrete for Structures, Class DP	Cubic Yard

SECTION 556 - REINFORCING STEEL FOR CONCRETE STRUCTURES

556-1 DESCRIPTION. The work will consist of furnishing and placing reinforcing steel for concrete structures, or stud shear connectors, in accordance with the contract documents, and in a manner satisfactory to the Engineer.

Reinforcing steel for concrete structures may be uncoated, epoxy-coated, galvanized, or stainless steel, as indicated in the contract documents.

556-2 MATERIALS. Materials for this work shall meet the requirements of the following subsections of Section 700-Materials and Manufacturing:

Uncoated Bar Reinforcement, Grade 60	709-01
Wire Fabric for Concrete Reinforcement	709-02
Epoxy-Coated Bar Reinforcement	709-04
Stud Shear Connectors	709-05
Epoxy-Coated Wire Fabric Reinforcement	709-08
Mechanical Connectors for Reinforcing Bar Splices	709-10
Galvanized Bar Reinforcement	709-11
Stainless Steel Bar Reinforcement	709-13
Uncoated Bar Reinforcement, Grade 75	709-14
Sleeves	709-15
	Grouted Reinforcing Bar Splice

556-2.01 Devices for Supporting and Tying Reinforcement. Chairs, tie wires, and other devices used to support, position, or fasten the reinforcement shall be made of or coated with, a dielectric (electrically insulating) material. Stainless steel chairs without polyethylene tips and meeting the requirements of ASTM A493, AISI Type 430, may also be used. The specific hardware that the Contractor proposes to use shall be approved by the Engineer.

When forms are to be removed in their entirety, uncoated steel chairs equipped with snug-fitting, high- density, polyethylene tips which provide 1/4 inch clearance between the metal and any exposed surface may be used, except that uncoated steel chairs shall not be used in contact with stainless steel.

556-3 CONSTRUCTION DETAILS