**SP-XX; STEPS, CONCRETE**

Version Date: 5/17/2019 Revision Date: XX/XX/XXXX by XXX

1. Description

This item includes all materials, equipment, labor and supervision required in the construction of reinforced concrete steps in accordance with the requirements shown on the plans, and the provisions of these specifications. Work includes but is not limited to excavation and backfilling, furnishing and placing concrete, and reinforcing steel.

1. Materials AND METHODS

The concrete steps shall comply with Detail X on Sheet XX and meet Public Right-of-Way Accessibility Guidelines (PROWAG) requirements.

All materials shall meet the requirements of NCDOT pertaining to, but not limited to:

Portland cement concrete Section 1000

Curing agents Section 1026

Steel bar reinforcement Article 1070-2

1. Construction

Concrete shall be constructed in accordance with Section 825, except as otherwise provided herein. Reinforcement shall be furnished and placed in accordance with the provisions of Section 425. Class B concrete shall be used. Formed surfaces of the concrete shall be given a rubbed finish. Unformed surfaces shall be given a float finish.

Backfill shall be compacted to a degree comparable to the adjacent undisturbed material.

4.0 SUBMITTAL

Contractor shall submit concrete stair layout detailing the rise of the steps prior to beginning excavation of the existing steps.

5.0 Measurement and Payment

The quantity of Concrete Steps will be measured by the number of cubic yards of concrete to be computed from the dimensions shown on the plans or established by the Engineer, which have been incorporated into the completed and accepted Concrete Steps. This price and payment will be full compensation for all elements of work required to excavate, furnish and place concrete, reinforcing steel, backfill and compaction.

Payment will be made under:

**CONCRETE Steps cY**