SECTION 502
APPROACH SLABS

502.1-DESCRIPTION:

This work shall consist of reinforced portland cement concrete approach slabs for bridges, constructed on the completed and accepted subgrade, subbase or other base course, in accordance with these Specifications and in reasonably close conformity with the lines, grades and dimensions specified on the Plans or established by the Engineer.

502.2-MATERIALS:

Materials for this work shall conform to the requirements for materials in 501 except as modified.

Class B concrete, under the provisions of 601, may be used in lieu of the concrete in 501, in which case materials and batching requirements for this work shall conform to the requirements for 601.

Compressive strength tests for acceptance of concrete shall be conducted in accordance with 601.4.4.

Reinforcing steel shall conform to the requirements prescribed in 602.

CONSTRUCTION METHODS

Construction methods and equipment used for this work shall conform to the requirements prescribed for construction methods and equipment in 501, except as modified.

502.3-FORMS:

Side forms may be of steel or wood. Forms shall not be removed for at least 24 hours after the concrete is placed.

502.4-PLACING:

The subgrade or base shall be thoroughly moistened immediately prior to placing the concrete. The concrete shall not be placed until the forms and reinforcing steel have been checked. The method and sequence of placing concrete shall be approved by the Engineer.

Vibrators shall be so manipulated as to work the concrete thoroughly around the reinforcement and imbedded fixtures and into corners and angles of the forms.

502.5-JOINTS:

Approach slabs shall have longitudinal joints in line with the longitudinal joints of the adjacent pavement. Longitudinal joints shall be sawed to a minimum depth of one-fourth of the plan depth of the slab plus ¼ in. (6 mm); the width shall be ¼ in. (6 mm), with a tolerance of plus or minus 1/16

in. (2 mm) Sawing shall be performed within five days after the slab is placed and prior to opening to construction traffic. Joints shall be sealed in accordance with the requirements of 501.17 and 503.

502.6-CURBS:

The safety curbs shall be constructed using the same type of concrete as for the approach slab and shall be in accordance with the Plans. The finish of the curb shall be in accordance with 610.

502.7-METHOD OF MEASUREMENT:

The quantity of work done will be measured in square yards (meters) of "Portland Cement Concrete Approach Slab" complete in place and accepted; the area will be measured to the extremity of the concrete.

502.8-BASIS OF PAYMENT:

The quantity, determined as provided above, will be paid for at the contract unit price bid for the item below, which price and payment shall be full compensation for furnishing all materials including reinforcing steel, such transverse and longitudinal joints, joint filler, dowels and curbs, and all labor equipment, tools and incidentals necessary to complete the work.

502.9-PAY ITEM:

ITEM	DESCRIPTION	UNIT
502001-*	"Thickness" PORTLAND CEMENT CONCRETE APPROACH SLAB	SQUARE YARD (METER)

* Sequence Number

SECTION 503
SEALING JOINTS AND CRACKS IN CONCRETE PAVEMENT

503.1-DESCRIPTION:

This work shall consist of the cleaning and sealing of joints or cracks, or both, in concrete pavement in the manner and subject to the conditions and regulations prescribed.

503.2-MATERIALS:

For hot-poured joint sealing, the sealing material shall conform to the requirements of 708.3; sealing operations shall be as specified.

For sealing with preformed elastomeric seals, the sealing material shall conform to 708.2; requirements for installation of the seal shall be in accordance with 501.16.

CONSTRUCTION METHODS