

Design Standards Letter

Letter Number: **G-1991-19**

Letter Date: **12/04/1991**

Effective Date: **12/04/1991**

Section/Plan No.: **None**

Subject: **Special Provision - Bituminous Test Strip**

Body

Attached is a revised special provision for Bituminous Test Strips. The revision deletes the special Bid Item No. 403-99.37 in the Basis of Payment. A permanent bid item number and description has been assigned.

Also a permanent bid item number has been assigned to the Temporary Asphalt Island as detailed on sheet 2 of 3 of Standard Drawing 616.10, Traffic Control Devices. A special provision for Temporary Asphalt Islands has also been included.

The permanent bid item numbers and descriptions for each are shown below.

ITEM NO.	UNIT	TYPE	ITEM DESCRIPTION
403-90.75	1.0	Each	Bituminous Test Strip
616-10.75	1.0	Lin. Ft.	Temporary Asphalt Island

The bid item additions shown above and special provisions are to be effective February 1, 1992.

vji/kd

To view the Special Provision, press PF1

BITUMINOUS TEST STRIP - I-B AND I-C ASPHALTIC CONCRETE MIX

Description. This work shall consist of constructing bituminous test strips to determine the compactive effort necessary to provide the specified density.

Construction Requirements. The test sections shall be constructed after approval of a job mix formula and calibration of the bituminous mixing

plant. Prime or tack coat, if specified, shall be applied to the roadbed section followed by the placement of approximately 250 tons or one hour's production, whichever is less, of approved mix in a single lane within the project limits. The paver and rollers to be used on the project shall be used to put down the test strip. Separate test strips shall be provided for each mix design using the thickness specified on the typical section. Test strips for subsequent lifts which incorporate a new mix design may, at the contractor's option, be placed after completion of the previous lift.

Density will be determined in accordance with Sec. 403.18.5 of the standard specifications. If necessary additional test strips shall be constructed until a rolling pattern has been established which will provide the specified density. A new test strip shall also be required whenever a change in the job mix formula occurs, the compaction method or the compaction equipment is changed or unacceptable results occur. Test strips which do not have the specified density shall be removed as directed by the engineer. No additional mix shall be laid until a rolling pattern, acceptable to the engineer, has been established on a test strip.

Basis of Payment. The materials in test strips approved by the engineer will be paid for at the unit price bid for those materials as provided in the contract. All materials in unacceptable test strips removed by the contractor shall become the property of the contractor and will be disposed of by the contractor at his expense.

Accepted test strips meeting density and gradation requirements for the I-B and I-C asphaltic mix will be paid for at the contract unit price per test strip. No payment will be made for test strips required as a result of a change in job mix formula, compaction method, compaction equipment, or if unacceptable results occur as determined by the engineer.

TEMPORARY ASPHALT ISLAND

The temporary asphalt island shall be placed with uniform width and thickness as shown on standard drawing 616.10, and shall conform to the alignment shown on the plans. The entire asphalt island shall be painted reflectorized yellow with water based traffic paint

Payment for furnishing and placement of temporary asphalt islands shall be paid for at the contract price for item 616-10.75, Temporary Asphalt Island, Lin. Ft.

Payment for furnishing and placement of flexible delineators shall be paid for at the contract price for item 616-10.70, Flexible Delineator, Each.