

SPECIAL PROVISION

SPECIFICATION 965 – ASPHALT SAFETY EDGE

965-1 DESCRIPTION

965-1.01 Scope – This work shall consist of the construction of a Safety Edge to the lines, locations and dimensions designated on the contract documents, or as indicated by the Engineer.

965-2 MATERIALS

965-2.01 The Safety edge shall be constructed with same bituminous pavement mix as the adjoining pavement or shoulder.

965-3 CONSTRUCTION REQUIREMENTS

965-3.01 Equipment

- a. The Contractor shall use an approved longitudinal Safety Edge system to create a sloped edge profile onto the roadway shoulder. The approved Safety Edge system shall compact the HMA and provides a sloped wedge equal to 1.2:1 to 1.8:1 measured from the pavement surface cross slope extended. The use of a single plate strike off is not allowed. The Safety Edge system shall be adjustable to accommodate varying paving thickness.
- b. All Safety Edge systems to be used for the purpose of creating a Safety Edge must meet the approval of the Engineer. The Engineer may require proof that the system has been used on previous projects with acceptable results or may require a test section constructed prior to the beginning of work to demonstrate the edge shape and compaction to the satisfaction of the Engineer.

965-3.02 Construction Methods

- a. **Shoulder Preparation** – Prior to placing asphalt, prepare the shoulder material where the Safety Edge will be placed to provide a foundation that will support the placement of the Safety Edge.
- b. **HMA Density Adjacent to Safety Edge** – For HMA pavements and overlays, the percent compaction of the HMA adjacent to the Safety Edge shall be in accordance with Specifications: 401 – Hot Plant Mix Bituminous Pavement, 959 – Hot Plant Mix Bituminous Pavement (Superpave), 960 – GTR Modified Asphalt Concrete Friction

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Courses, 962 Warm Mix Asphalt (WMA) Pavement Marshall or 964 – Warm Mix Asphalt (WMA) Pavement Superpave.

- c. **Shoulder Backing Material** – Furnish, place and compact shoulder backing material to the top of the Safety Edge as shown in the contract documents.
- d. **Handwork** - Attain approval in advance from the Engineer for short sections of handwork such as transitions at driveways, intersections, interchanges, and bridges.

965-4 METHOD OF MEASUREMENT

965-4.01 The Safety Edge will be measured by the amount of tons placed and accepted for its construction and according to the requirements of the method of measurement section for specifications 401, 959, 960, 962 or 964 as applicable.

965-5 BASIS OF PAYMENT

965-5.01 No additional pay item is included in the contract for the payment of Safety Edges. The completed and accepted quantities of Safety Edge will be paid according to the requirements of the basis of payment section for specifications 401, 959, 960, 962 or 964 as applicable.