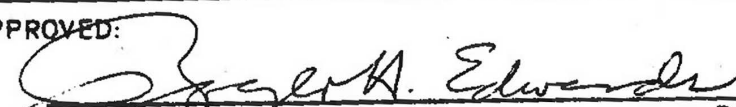


TO: SUPERSEDED BY EI 86-001 EFFECTIVE 5/15/86	<h1>ENGINEERING INSTRUCTION</h1> <p>NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
Distribution: 30 Main Office 32 Regions 34 Special	Code: <u>EI 85-24</u> Date: <u>4-11-85</u>
APPROVED:  B. H. EDWARDS, Deputy Chief Engr., Fac. Design Div.	Supersedes:

Pavement Delineation, Item 619.15 (two foot skipmarks) is required by the Standard Specifications by the end of the working day on all courses of asphalt pavement. When this pay item was established it was intended to be only a short duration mark, pending the next operation. Frequently the next operation is the application of the contract pavement markings and the subcontractor is late in applying them. This leaves the pavement delineation as the only lane definition for an extended period of time.

To remedy this situation we have revised the specification regarding Section 619 - Maintenance and Protection of Traffic. Specifically we are expanding the requirements of those subsections known as Pavement Delineation. The particulars are contained in the attached Main office Insert - Titled "Interim Pavement Markings." The impact of this change is to now define how long pavement delineation may serve as the only pavement mark present on the highway. It requires the contractor to install full pavement markings if he is tardy in his application of a succeeding asphalt course or the permanent markings. Tardiness is defined as being late 7 days at some location and 28 days elsewhere as given in the specification.

This instruction will become effective for the letting of June 27, 1985.

PREL	FINAL
DESIGN	LANDSCAPE
RECEIVED ENGINEERING DESIGN DIVISION	
APR 18 1985	
CIRC.	FILE

INTERIM PAVEMENT MARKINGS

Make the following changes to the Standard Specifications of January 2, 1985:

Page 6-49

Delete SS619-3.06 Pavement Delineation in its entirety and substitute the following:

"619-3.06 Pavement Delineation. The Contractor shall furnish, apply, and maintain, and when so ordered, remove pavement delineation where shown on the plans or as directed by the Engineer in accordance with the New York State Manual of Uniform Traffic Control Devices. Unless otherwise shown on the contract plans or proposal or directed by the Engineer, any course of Asphalt Concrete, including base, binder, and leveling courses, upon which traffic will be maintained overnight shall be properly delineated in accordance with this subsection before the end of the working day.

If paint is used, it shall be applied in accordance with the Construction Details portion of Section 640, Reflectorized Pavement Marking Paints, of these specifications. If tape is used, it shall be applied to a clean, dry pavement in accordance with the manufacturer's recommendations, including the use of a primer where needed. Tape shall conform to the shape of, and adhere to the surface upon which it is applied. Any markings that fail to adhere to the pavement, become abraded, or in the opinion of the Engineer become ineffective in any other manner during their period of use shall be replaced by the Contractor at no additional expense to the State.

Pavement delineation by means of the normally provided two foot "skip marks" or their equal shall be considered acceptable only for limited periods of time in accordance with the following: (1) for 28 or fewer days on roadways longer than 1200 ft. between interchanges and/or intersections; (2) for 28 or fewer days at one and two lane approaches to intersections, and on one way ramps; (3) for seven days or fewer at all other locations.

When the work proceeds in such a manner so as to prevent the installation of the succeeding overlay course of bituminous pavement within the above mentioned seven and 28 day periods, pavement markings shall be installed and maintained in accordance with the patterns indicated for the permanent pavement marking to be installed under the contract, the NYSMUTCD or in accordance with other patterns as directed by the Engineer. These marks shall be designated as 'interim markings' and may be of either paint or tape as described herein. The seven and 28 periods also apply to the installation of the permanent contract pavement marking material following top course paving and if they are exceeded the contractor shall also apply interim markings. All interim markings shall be cleaned from the pavement by the Contractor as described in SS635-3 Cleaning and Preparation of Pavement Surfaces before the installation of the permanent contract markings. The work of furnishing, applying, maintaining and removing interim marks shall

INTERIM PAVEMENT MARKINGS

be considered to be other work as described in SS619-5.12 Other Work, and shall be at no additional expense to the State."

Page 6-53

Under SS619-5.12 Other Work. Delete the second paragraph and substitute the following:

"No payment will be made for any bituminous concrete determined by the Engineer to be necessary as a result of the Contractor's failure to complete paving operations prior to the weather and seasonal limitations, pursuant to SS401-3.01. Also, no separate payment will be made for interim pavement markings, applied, maintained, or removed pursuant to SS619-3.06 Pavement Delineation."