

# Design Standards Letter

Letter Number: **G-1989-12**

Letter Date: **09/13/1989**

Effective Date: **12/08/1989**

Section/Plan No.: **S0620, S0621, S0622, S1048**

Subject: **Pavement Marking on Resurfacing Projects**

## Body

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Recent Manual on Uniform Traffic Control Devices (MUTCD) revisions have placed new restrictions on the type of temporary markings which may be provided and the length of time these markings may remain in place. In order to comply with these new standards, a policy has been developed which will require the contractor to provide final pavement markings using long-life materials in addition to providing temporary pavement markings. This policy applies to certain longitudinal lines on all resurfacing projects.

Attached are four diagrams and text which describe the application of temporary and final markings for the most common roadway configurations. The policy is basically the same regardless of roadway type. Temporary markings using either short term pavement marking tape or traffic paint should be provided on all intermediate lifts with the intermittent markings being 4' in length with a 36' gap. On final lifts, intermittent lane lines and intermittent or solid centerlines and no passing lines will be provided using either preformed pavement marking tape or thermoplastic pavement marking material. Intermittent lines on the final lift shall be 10' in length with a 30' space between markings.

It should be noted there are two grades of preformed pavement marking tape provided. The Type 1 tape is an inlaid material which is designed for use in urban areas where the line will be subject to shearing action from vehicles crossing the line. The Type 2 tape is applied after rolling operations and is designed for use in predominantly rural areas. The dividing point between using Type 1 and Type 2 tape on interstate routes should be the same as that used for changing the speed limit from 65 to 55 m.p.h. The Type 1 tape should be used in applications where the speed limit is 55 m.p.h. or under and the Type 2 tape should be used for applications where the speed limit is 65 m.p.h.

Attached are copies of job special provisions revising Secs 620, 621, 622 and

**1048 of the standard specifications. It is the intent that these specifications, effective with the December 8, 1989 bid opening, be used as job special provisions for the first few projects to determine if further changes are necessary.**

**Since this new policy encompasses all resurfacing projects, these instructions will take precedence over those in Sec 8 of the design manual until such time as revisions are provided.**