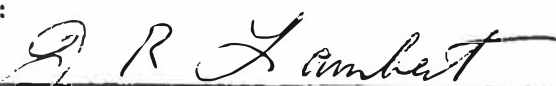


TO: <b>SUPERSEDED BY EI 95-013 EFFECTIVE 3/7/95</b>	<b>ENGINEERING INSTRUCTION</b> NEW YORK STATE DEPARTMENT OF TRANSPORTATION	
	SUBJECT: FLEXIBLE DELINEATOR POSTS  Subject Code: 7.27-1-646	
Distribution:	30 Main Office      32 Regions      34 Special	Code: EI 90-43 Date: 12-18-90 Supersedes: EI 90-11
APPROVED:	 I. R. LAMBERT, Deputy Chief Engineer, Facilities Design Div.	

Attached is a revised shelf-note entitled Flexible Delineator Posts containing construction specifications, new pay items, and a new requirement that the post color match the color of the reflective sheeting.

Based on bidding of limited quantities, flexible delineator posts cost substantially more than their steel counterparts. They are subject to greater damage by plowing. There are no units having three or four direction mounting. Moreover, there is doubt regarding the length of their "natural life". Despite these drawbacks, they can be the economical choice where there is a good chance that they will be hit. Some applications where this might be the case include exposed locations at intersections and gores, along ramps, on curves, at islands, and at known problem areas.

Because of uncertainty regarding their natural lives and their higher cost, flexible delineator posts should not normally be used along mainlines or behind guide rail.

When specifying these items, the designer is requested to indicate in the contract documents the location, spacing and color of the flexible delineator posts and reflective sheeting proposed for a project. Refer to section 291 of the New York State MUTCD for guidelines.

These new items may be used starting with a letting date of May 9, 1991 in accordance with this instruction. Questions pertaining to this engineering instruction may be addressed to Mr. Richard Stempel at 518 457-4093. The Final Plan Review Bureau will insert the attached notes into projects having the new pay items given below:

<u>Item No.</u>	<u>Item</u>	<u>Pay Unit</u>
646.0623	Delineator, White, Single Unit, One Way on Flexible Post	Each
646.0633	Delineator, Yellow, Single Unit, One Way on Flexible Post	Each
646.0624	Delineator, White, Single Unit, Back to Back, on Flexible Post	Each
646.0634	Delineator, Yellow, Single Unit, Back to Back, on Flexible Post	Each
646.0625	Delineator, White, Double Unit, on Flexible Post	Each

Subject: FLEXIBLE DELINEATOR POSTS

<u>Item No.</u>	<u>Item</u>	<u>Pay Unit</u>
646.0635	Delineator, Yellow, Double Unit, On Flexible Post	Each

The following items will be disapproved on the effective date of the new items:

646.0613, 646.0614 and 646.0615.

FLEXIBLE DELINEATOR POSTS

Make the following changes to the Standard Specification of January 2, 1990:

Page 6-98

Under 646-2 MATERIALS, add the following: after 730-20

"Flexible Delineator Posts 730-21"

Under 646-2.01 Posts, add the following to the end of the first sentence: ", or an approved flexible post meeting the requirements of §730-21 Flexible Delineator Posts."

Page 6-99

Under 646-5 BASIS OF PAYMENT, add the following items to the list of pay items:

<u>Item No.</u>	<u>Item</u>	<u>Pay Unit</u>
"646.0623	Delineator, White, Single Unit, One Way on Flexible Post	Each
646.0633	Delineator, Yellow, Single Unit, One Way on Flexible Post	Each
646.0624	Delineator, White, Single Unit, Back to Back, on Flexible Post	Each
646.0634	Delineator, Yellow, Single Unit, Back to Back, on Flexible Post	Each
646.0625	Delineator, White, Double Unit on Flexible Post	Each
646.0635	Delineator, Yellow, Double Unit on Flexible Post	Each"

Page 7-205

Under §730-21 Flexible Delineator Posts, GENERAL, add the following after the first sentence: "The color of the posts shall match the color of the reflective sheeting unless otherwise specified in the contract documents."

Under §730-21 Flexible Delineator Posts, BASIS OF ACCEPTANCE, delete the last sentence and replace with the following: "Product acceptance will be based on the manufacturer's name and type of flexible delineator post appearing on the Department's Approved List."

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12-18-90  
E.I. 90-43