

1020901 MAINTENANCE OF TRAFFIC
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (5-13-19, Internal)

102-9 Temporary Traffic Control Devices.

102-9.1 General Installation and Maintenance: Use only devices that are listed on the

APL. Install and maintain temporary traffic control devices as detailed in the Plans, Index 102-600 of the Standard Plans and when applicable, in accordance with the approved vendor drawings, as provided on the Department's Approved Product List (APL). Erect the required temporary traffic control devices to prevent any hazardous conditions and in conjunction with any necessary traffic re-routing to protect the traveling public, workers, and to safeguard the work area. Use only those devices that are on the APL or meeting the requirements of the Standard Plans. Immediately remove or cover, using any method approved by the Engineer, any existing or temporary devices that do not apply to current existing conditions.

The use of NCHRP Report 350 Recommended Procedures for the Safety

Performance Evaluation of Highway Features devices purchased prior to January 1, 2020 is permitted on projects let prior to January 1, 2030. All devices purchased on or after January 1, 2020 must be MASH compliant in accordance with Section 990.

The APL number is to be permanently marked on the device at a readily visible location. Sheeting used on devices and pavement markings is exempt from this marking requirement.

AS

Arnold, Scott

Does this mean that all Type K barrier (Index 102-110) precasters must have a listing on the APL now?

Response: Temporary barrier is an exceptional item with proprietary barriers listed on the APL and a comparable Department item shown in Index 102-110. This is stated in Specification 102-9.6. All manufacturing facilities that produce precast temporary concrete barrier must be on the Production Facility Listing. I do not think the proposed revision conflicts and it resolves other issues.

Ananth Prasad
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Comments: (5-20-19, Internal)

Last page where unit of measures are listed. The 102-74 items need to be listed as each day. Specifically the LCD item of 102-74-7. This item should not be a lf unit.

Response: This item's method of measurement was changed per the State Construction Office's direction. The change was made during the January 2018 workbook cycle. Any change to that method of measurement will have to come from Construction. No change made.

No Name

Comments: (5-23-19, Industry)

Engineers should not approve the method of removing signs or covering signs. This is liability towards the department.

Response: (7-9-19) The Engineer only has to approve the method of covering signs. Change made.

Sherry Valdez
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Comments: (5-23-19, Industry)

Please show Per Linear FT under pay items 102-911 and 102-912

Response: (7-8-19) The method of measurement is mixed and, therefore, not shown in Specification 102-13.25. However, further clarification to the method of measurement has been added for the removable tape. Change made.

Daniel Strickland
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Comments: (5-24-19, Industry)

In order to address situations where contractors manufacturer their own devices (i.e. portable sign stands), I recommend adding "manufactured or purchased". This would apply to both sentences of the 2nd paragraph in 102-9.1.

Response: (7-8-19) Agreed. Change made.

Saud Khan
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Comments: (6-17-19, Industry)

1. 102-9.1 - 1st Paragraph, 2nd sentence: Consider replacing sentence with - "Immediately remove or cover devices that do not apply to current conditions as approved by the Engineer." 2. 102-9.1 - 4th Paragraph, 1st sentence: Consider replacing section of sentence after Engineer in writing with "of any scheduled activity that will affect traffic patterns or operation in advance of commencing such activity with enough time to permit review of the proposed installation plan of temporary traffic control devices." 3. 102-9.1 - 6th Paragraph, last sentence: Remove word "clean" before "damaged" to read: "replace damaged, defaced or dirty devices." - next sentence mentions that "devices must not be cleaned while installed / used. 4. 102-9.1 - 8th Paragraph, 3rd sentence: Delete this sentence because it is already mentioned in the second sentence of this paragraph. 5. 102-11.20 - 2nd Paragraph, 1st sentence: This line is not clear on payment. If it is the actual stripe from begin to end of line then it should read after "dotted lines" - "will be the actual length of tape excluding space from begin to end, in linear feet," 6. 102-13.19 - 1st Paragraph, 1st sentence: Instead of "protection of traffic" Replace "of" with from to read - "protection from traffic" 7. 102-13.25 - Item No. 102-911-: no unit of payment included - per linear ft or per foot 8. 102-13.25 - Item No. 102-912-: unit of payment included - per linear ft or per foot

Response: (7-8-19)

1. That changes the meaning of the sentence from approving the method to approving the removal or covering. No change made.
2. That is existing, approved language that does not conflict with the proposed revisions. Any comments addressing existing, approved language should be submitted as a proposed revision to the Specifications. No change made.
3. Same comment as item #2. No change made.
4. Same comment as item #2. No change made.
5. Further clarification to the method of measurement has been added for the removable tape. The method of measurement for the removable tape should be similar in nature to other forms of pavement marking. In short, the gap is included in the length. Change made.

6. The method of measurement is mixed and, therefore, not shown in Specification 102-13.25. However, further clarification to the method of measurement has been added for the removable tape. Change made.

Tim Paulino
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Comments: (6-17-19, Industry)

Currently there are no standards set forth to test and/or approve portable changeable message signs and trailer mounted flashing arrow panels to MASH standards. How will the DOT exclude such products with a sweeping statement of All Products to be MASH compliant?

Response: (7-8-19) Specification 102-9.1 states that devices must be MASH compliant in accordance with the requirements of Section 990. There is currently no testing requirement in Section 990 for PCMSs or arrow boards. No change made.
