

Maintenance Specification Section

SPM7000100

ORIGINATION

Date: 12-16-2024

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COMMENTARY

Revisions are needed for the specification to provide information on use of sign panel overlays and installation requirements.

INTERNAL COMMENTS AND RESPONSES

(Please note all comments and responses are verbatim as received. The Specifications Office does not alter typos or grammar.)

BLACK = Comment **BLUE** = Specifications Response **GREEN** = Change Made to Specification

Name: James Read

Date: 12-31-2024

COMMENT: 700-1.2.2 and 700-3.4. Add verbiage to make sure overlays are updated to have current insignias

RESPONSE: Standard Specification requires work to be performed in accordance with Standard Plans.

ACTION TAKEN: No change is needed.

Name: Walter Sibley

Date: 1-3-2025

COMMENT: Recommend updating the verbiage for 700-1.2:

The work to be performed for roadway sign maintenance includes sign removal, replacement, repairs and overlays; foundation removal and repairs; miscellaneous maintenance; cleaning; and inventory of roadway signs as directed in the Work Document issued by the Engineer. Perform the work in accordance with the details in the Standard Plans and Standard Specifications.

RESPONSE: Agree that this paragraph needs to be revised to more accurately reflect the maintenance work to be performed, but did not use suggested language as submitted.

ACTION TAKEN: To avoid confusion, added language to clarify that work to be performed includes routine maintenance of signs and also emergency response and immediate replacement or temporary installation of temporary signs or barricades.

700-1.2.2 Recommend 'Sign Panel Overlay' to be a separate sub-article. Sign overlay are not always a part of 'sign repairs'

RESPONSE: Agree

ACTION TAKEN: Made revisions for Sign Panel Overlay to be a separate sub-article.

The additional subarticle 700-3.4 is good.

RESPONSE: Noted, thank you.

ACTION TAKEN: None.

700-3.4 Recommend deleting 'Existing' from title 700-3.4

RESPONSE: Agree to delete since it's not necessary with other details added

ACTION TAKEN: Deleted.

This is a lot of information and recommend the 'Sign Panel Overlay' subarticle to be broken up into separate sub-subarticles for each topic (i.e. sheeting, dimensions, fasteners, overlap, etc.).

Separate sub-subarticles will allow this subarticle to read a lot clearer.

RESPONSE: Agree

ACTION TAKEN: Revisions have been made to separate the topic into sub-articles for clarity.

Recommend developing a standard plan for overlays.

RESPONSE: Recognize the need to consider additional guidance/direction for use and installation of overlays.

ACTION TAKEN: A timeline for action on this effort has not been established.

700-3.4 Recommend / Comments (continued):- when mentioning replacing the hex head bolts. The comment should reference the standard plans for flat head fasteners since the plans allow for SS or Aluminum and/or the sub-article 700.2.2

RESPONSE: Additional revisions were made to specify use of required stainless steel sign panel mounting hardware and nylon washers for warranty purposes. Details in the Standard Plans are for sign panel installations, not overlays, so referencing the Standard Plans may cause confusion.

ACTION TAKEN: None.

How is the contractor to properly size a panel between 37" and 71" in width?

RESPONSE: Revised specification language related to fabrication of sign panel blanks.

ACTION TAKEN: See response.

Clarify for a 30" overlay additional fastener requirement. Recommend: Where overlay panels are greater than 30 inches in width, in addition to the hardware.....

RESPONSE:

ACTION TAKEN:

Is there any vertical dimension requirements or limitations?

RESPONSE: Overlay panels are required to be equal to or less than the size of the existing sign panel, with minimum variances considered on a case by case basis

ACTION TAKEN: N/A

What is the fastener pattern for overlays greater than 60" in width? What are the fastener requirements for overlay panels greater than 30" in height (additional fasteners (horizontally)) and greater than 60" in height?

RESPONSE: Revised specification language to include details for hardware, including fastener spacing

ACTION TAKEN: See response.

Is there a required overlap distance for two overlays? Are overlays allowed to overlap in vertical direction (causing a horizontal joint)?

RESPONSE: No.

ACTION TAKEN: Revised specification language to require that panels are butted tightly and in proper alignment.

How should vertical and horizontal overlaps (joints) be addressed? At the overlap, are fasteners required in the base overlay panel and the second overlay panel on the overlap having two sets of fasteners in the same area?

RESPONSE: Revised specification language to require that panels are butted tightly and in proper alignment

ACTION TAKEN: See response.

Based on the substitution paragraph, Subarticle 700-10.14 cannot be deleted and substituted. The current subarticle addresses all the pay items for section 700. This subarticle 700-10.14 needs to be a different subarticle.

RESPONSE: Due to complexity and concerns addressing applicable construction and maintenance pay items, recommendation is to continue maintenance's standard practice of referencing items in the bid price proposal.

ACTION TAKEN: None.

Recommend adding a commit to include "removal of existing overlay panel(s)."

RESPONSE: Agree.

ACTION TAKEN: Change has been made to include removal of existing overlay panel(s).