

6500200 VEHICULAR SIGNAL ASSEMBLIES
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

David Bremer
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Comment: (11-17-10)

'auxiliaries' in 650-2 does not include backplates. Recommend adding language that stipulates the backplate must be listed on the APL.

Response: Backplates are included in the term "auxiliaries." No changes made.

Jeff Morgan
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Comments: (11-17-10)

1. Delete the following sentence in 650-3.1 Preassembly: "Furnish signal heads with the signal lamps firmly seated in the lamp receptacle. Rotate the lamp receptacle (or the reflector holder) so that the opening between the filament ends is up."

Response: This is an additional change to this Section and will need to be submitted for review and comment separately. No changes made.

2. Delete "bulbs" from 650-5 Basis of Payment.

Response: This is an additional change to this Section and will need to be submitted for review and comment separately. No changes made.

Trey Tillander
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Comments: (11-18-10) Recommend the following changes:

1. 650-2 Materials. Use signals, light emitting diode (LED) modules, backplates, and signal auxiliaries currently listed on the Department's Approved Product List (APL). Ensure that all equipment is marked in accordance with Section 603.

Response: This is an additional change to this Section and will need to be submitted for review and comment separately. No changes made.

2. 650-3.1 Preassembly: Furnish signal heads with light emitting diode (LED) modules. The LED ball module shall be installed in the door so that its prominent and permanent vertical indexing indicator (i.e., UP arrow or the word UP or TOP) is in the up orientation of the signal housing. The LED arrow modules shall be installed in the signal housing door in the direction of its intended use.

Response: This is an additional change to this Section and will need to be submitted for review and comment separately. No changes made.

3. 650-5 Basis of Payment. Replace "bulbs" with "light emitting diode (LED) modules."

Response: This is an additional change to this Section and will need to be submitted for review and comment separately. No changes made.

Michael Blakley
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Comments: (11-19-10)

In the past there has been a question on the signal head assemblies 6500200 spec if tunnel visors were included in the cost of the assembly. I propose that the spec read "to include backplates and tunnel visors" to eliminate this question.

Response: Adding "tunnel visors" will be considered in future changes. No changes made.

Ken Zinck
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Comments: (12-6-10)

650-2 - If the word "lamps" is being replace with the word "auxiliaries", will this be a generic reference to any item(s) that can be used as a supplement to the signal head which includes but not limited to lamps. I have no objection to that, but that's how I am reading it.

Response: Yes. Article 650-2 is Materials. No changes made.

Ken Zinck
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Comments: (12-6-10)

650-3.8 - The language "all signal head assemblies" seems to be inclusive of all signalized intersection even if the road/street runs north-south, and not just east-west roadway which as I understand was the normal application for backplates. Is this a new specification, or is the intent should be all signal heads with backplates where called for, must have louvered backplates.

Response: All signal heads require backplates. No changes made.

Papastratis, Chris
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Comments: (12-17-10) Due to the wind resistance created by the backplates which could increase signal damage during hurricanes, tropical storms...etc, some Maintaining Agencies (MA) do not want the backplates installed on the signal assemblies and they are often removed post construction. Unless backplates are absolutely required, I would suggest adding a statement that requires the Contractor to coordinate the utilization of backplates with the MA

prior to procurement. This way, the backplates can be deleted from the scope of the work without possibility for a claim.

Response: The backplates are absolutely required. They improve the conspicuity of the signals. The reflectorized backplates also provide a visual indication when the power is down to motorists that they are approaching a signalized intersection. Backplates have been shown to be an effective safety solution for signalized intersections and that is why we do not want it to be optional.