

SPECIAL PROVISION

AMENDMENT TO SECTION 615 – TRAFFIC SIGNS

Item 615.03101 – LED Blank-out Sign

Add after 1.1:

1.1.1 This work shall also consist of furnishing and installing new overhead mounted LED blank-out signs in accordance with these plans.

Add to Materials:

2.11 The LED blank-out sign shall be contained within an aluminum housing with a black powder coat finish. The housing shall be weatherproof conforming to NEMA 3R. ~~Message-The sign legend shall be MUTCD R8-5 (No Stopping on Pavement) NO STOPPING sign as shown in the pPlans.~~ Message legend shall be made up of discrete LEDs to create a font with a minimum height of 8-inch characters and a maximum pitch of 20 mm to cover the stroke width of the letters that simulate the static sign legend per the MUTCD Section 2L.01, paragraph 5. The LEDs shall be capable of having a thirty (30) degree viewing angle. LED legend shall be made from colors discrete LEDs that provide a white legend on a black background shall substantially conform to the color of the legend of the standard MUTCD sign (red legend on a white background). Amber will not be accepted as a substitute for white legend content. The LEDs shall be dimmable to adjust the LED brightness in accordance with ambient light conditions.

Add to Construction Methods:

3.3.5 LED Blank-out signs shall be actuated in sequence from control logic provided at the ITS equipment control cabinet. Actuations shall turn the sign on; absence of actuation shall cause the sign to remain unlit (blank).

All exposed wiring shall be in accordance with the applicable requirements of the International Municipal Signal Association (IMSA) specifications, local and utility codes, MUTCD and the National Electrical Code (NEC).

All paint of the housing shall conform to Section 708.

~~11/17/2004/05/21~~

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3.3.5.1 LED Blank-out signs shall be designed for overhead mounting. Signs shall be mounted to the bridge sway beams using non-destructive supports determined by the Contractor and as approved by the Owners.

3.3.5.2 LED Blank-out signs should be mounted to overhead sign structures with either mounting to the lowest chord for truss structures, mounted to a steel H-beam suspended below the lowest chord, or centered on a single chord for monopole structures. Mounting shall be determined in accordance with sign placement as shown in the Plans.

Add to Method of Measurement:

4.7 LED Blank-out Signs, overhead mounted will be measured by each sign complete in place and accepted.

Add 5.2.1 to Basis of Payment:

5.2.1 The accepted quantities of LED Blank-out Sign will be paid for at the contract unit price each complete in place. The price shall also include all materials, tools, equipment, labor, and incidentals.

Pay Items and Units (ENGLISH)

615.03101	LED Blank-out Sign	Each
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