

Inspector Quantlist Report 20250428

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures

Title: Overhead Sign Panels

Route:	Plan Reference Number:
Sign Code:	Panel Type:
Station:	Offset:

Attribute Numbers	Yes, No N/A	Narratives	References
0.		Have all stakeholders participated in a pre-activity meeting, can be combined with other pre-activity meetings?	Construction Bulletin 11-07
1.		Have Certificates of Compliance, conforming to the requirements of Subsection 106.05 of the specifications, been submitted for all materials required for fabricating sign panels, including retroreflective sheeting?	2021 Standard Specifications 106.05 pg. 89 608-2.01 pg. 651
2.		Is the retroreflective sheeting supplied currently listed on ADOT's Approved Products List (APL)?	2021 Standard Specifications 1007-1 pg. 1195
3.		Is all sheeting used for background and legend supplied from the same manufacturer? (Sign panels are not overlaid)	2021 Standard Specifications 608-2.01 pg. 651
4.		Are all text and numerals installed in the same orientation? (Either zero degrees or 90 degrees)	2021 Standard Specifications 608-2.01 pg. 651
5.		Is the design of letters and numbers in accordance with the project plans with a tolerance of $\pm 1/16$ of an inch?	2021 Standard Specifications 608-2.01 pg. 651
6.		Are bolts or washers not painted by the contractor unless otherwise specified?	2021 Standard Specifications 608-2.01 pg. 651
7.		Does the retroreflective sheeting conform to the requirements of Section 1007 of the Specifications?	2021 Standard Specifications 608-2.02 pg. 651
8.		Is the panel facing covered with retroreflective sheeting of the color specified on the plans?	2021 Standard Specifications 608-2.02 pg. 651

Inspector Quantlist Report 20250428

9.		Are panels fabricated from 12-inch wide aluminum extrusions conforming to the requirements of ASTM B221 and fastened together by bolt connections as shown on the plans?	2021 Standard Specifications 608-2.02 pg. 651
10.		Are panel surfaces not covered with sheeting etched in accordance with the recommendations of the extrusion manufacturer to reduce glare from reflected sunlight?	2021 Standard Specifications 608-2.02 pg. 651
11.		Are sign panels cut to size and shape and are free of buckles, warps, dents, cockles, burrs, and defects resulting from fabrication?	2021 Standard Specifications 608-3.01 pg. 659
12.		Are fabricated signs stored indoors and kept dry during storage? If packaged signs become wet, all packaging material is removed immediately and the signs are allowed to dry?	2021 Standard Specifications 608-3.01 pg. 659
13.		If outdoor storage is necessary, is all packaging material removed, and signs stored on their edge, above ground, in an area where dirt and water will not contact the sign face? (Materials used to support stored signs do not contact sign faces)	2021 Standard Specifications 608-3.01 pg. 659
14.		Are sign panels that have been installed on overhead sign structures and roadside sign supports done in accordance with the details shown on the plans and in accordance with the recommendations of the manufacturer?	2021 Standard Specifications 608-3.02 pg. 660
15.		All sign panel colors are consistent with no color variations or blemishes within the same sign 50' during day or night, if variations or blemishes are present the sign will be removed and replaced at no cost to the Department?	2021 Standard Specifications 608-3.04 pg. 661
16.		Was the patching of panels limited to one per 50 square feet with total patching less than 5% of the sign area?	2021 Standard Specifications 608-3.02 pg. 660
17.		Were two post clips installed at each junction of the extrusion, at each vertical support, and on the lower extrusion where extrusions join one another?	Signing and Marking Standard Drawings S-7, Sheet 1 of 3 Sheet 3 of 3, (Note 2)
18.		Are all bolts, washers and lock nuts aluminum, stainless steel or plated steel?	Signing and Marking Standard Drawings S-7, Sheet 3 of 3 (Note 4)
19.		Are all rivets aluminum?	Signing and Marking Standard Drawings S-8, Sheet 1 of 2 (Note 6)
20.		The exit number panel is mounted with two uprights, so that its right edge is flush with the right edge of the parent sign or left edge for left hand exits?	Signing and Marking Standard Drawings S-7, Sheet 3 of 3 (Note 1)
21.		The exit panel support is moved no more than 6 inches if it conflicts with the parent sign support?	Signing and Marking Standard Drawings S-7, Sheet 3 of 3 (Note 3)

Inspector Quantlist Report 20250428

22.		"Exit Only" panels may be demountable, direct-applied, or digitally imaged. If demountable, was the "Exit Only" panel attached to the sign panel with self-plunging aluminum blind rivets?	2021 Standard Specifications 608-2.06 pg. 654
23.		Do the demountable characters for the "Exit Only" panels conform to the requirements? (The thickness for letters and numbers is 0.032 in. while symbols, shields, and borders are 0.063 in.)	2021 Standard Specifications 608-2.08 pg. 654
24.		Signs less than 60" x 120" are made of a single flat sheet of aluminum?	Signing and Marking Standard Drawings S-8, Sheet 1 of 2 (Note 2)
25.		All horizontal joints are at an extruded T-section?	Signing and Marking Standard Drawings S-7, Sheet 3 of 3 S-8, Sheet 1 of 2 (Note 4)
26.		Information was placed on the back of the sign showing the sign identification code, the sign fabricator, the manufacturer of the sheeting used, and the month and year of the installation? Information is placed on the back of the sign in black opaque acrylic film, in one-inch block letters. (Felt marker is not permitted)	2021 Standard Specifications 608-3.02 pg. 660
27.		A detailed list of all new signs installed on the project is provided by the Contractor in a commonly used electronic spreadsheet format, and submitted to the Engineer?	2021 Standard Specifications 608-3.02 pg. 660
28.		A final inspection of the completely installed sign is made during day time and at night time for proper appearance, visibility, color, specular gloss and proper installation?	2021 Standard Specifications 608-3.04 pg. 661
29.		Is the Quantlist Minimum Frequency being followed, one per type?	Construction Bulletin 07-01