

Inspector Quantlist Report 20250505

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures

Title: Milepost Markers

Route Name:	Milepost:
Station:	Offset:
Direction:	Plan Reference Number:

Attribute Numbers	Yes, No N/A	Narratives	References
0.		Have all stakeholders participated in a pre-activity meeting?	See Project Special Provisions for pre-activity meeting requirements
1.		Has the contractor submitted a Certificate of Compliance or a Certificate of Analysis, as required, prior to the use of any materials or manufactured assemblies for which the specifications require?	2021 Standard Specifications 106.05 pg. 89, 608-2.01 pg. 651
2.		Are the milepost sign panels fabricated out of flat sheet aluminum and have reflectorized sheeting conforming to the requirement of section 608-2.09 and section 1007 of standard specifications and special provision?	2021 Standard Specifications 608-2.02 pg 651, 608-2.09 pg.658, 1007 pg. 1195
3.		Is the sheeting supplied Type IX or better and is on the Approved Products List?	2021 Standard Specifications 1007-1 pg.1195, 1007-2 pg.1196 Approved Products List section 1007
4.		Do bolts conform to SAE J 429, Grade 5, or ASTM A 449, Type 1?	2021 Standard Specifications 607-2.03 pg. 646
5.		Do nuts conform to ASTM A563, Grade A and Washers conform to ASTM F 884?	2021 Standard Specifications 607-2.03 pg 646
6.		Are all bolts and washers zinc (ASTM B 633) or cadmium plated (ASTM B 766)?	2021 Standard Specifications 607-2.03 pg. 646
7.		Has the splicing of retroreflective sheeting only been done on sign panels having the minimum dimension of 4 feet?	2021 Standard Specifications 608-2.04 pg. 653
8.		Have all surfaces not covered with retroreflective sheeting been etched in accordance with the manufactures recommendations?	2021 Standard Specifications 608-2.02 pg. 651
9.		Are the milepost markers placed on the right hand side of the roadway facing approaching traffic?	Signing and Marking Standard Drawings S-10 (Note 1)

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10.		If any milepost markers were omitted, is the required documentation in the project files?	Signing and Marking Standard Drawings S-10 (Note 2)
11.		Is the milepost offset distance a minimum of 12 feet from the edge of pavement? (can be as close as 6 feet based on site conditions)	Signing and Marking Standard Drawings S-10 (Note 3)
12.		If the milepost is in an area with guardrail, it is placed 2 feet behind the face of the guardrail or in line with the guardrail posts?	Signing and Marking Standard Drawings S-10 (Note 3)
13.		If the milepost is on an urban street, the milepost offset is not closer than 2 feet?	Signing and Marking Standard Drawings S-10 (Note 3)
14.		If not behind the guardrail or barrier, the bottom of the milepost sign is a minimum of 4 feet above the face of the curb or edge of the paved shoulder?	Signing and Marking Standard Drawings S-10
15.		If behind the guardrail or barrier, the bottom of the milepost sign is at the edge of the paved shoulder and 6" above the top of the guardrail or barrier?	Signing and Marking Standard Drawings S-10
16.		Did the Contractor install the Milepost foundation per Detail Drawing S-3?	Signing and Marking Standard Drawings S-3 sheets 14 - 16
17.		Was the 2 inch by 2 inch square tube post installed as required by Signing and Marking Standard Drawings S-10 for the sign to be mounted too?	Signing and Marking Standard Drawings S-3, S-10
18.		Was the Milepost sign installed using the required 7/16 inch Corrosion Resistant Bolt, lock washer and hex nut?	Signing and Marking Standard Drawings S-10
19.		Have bolt threads been deformed after the installation? (to prevent unauthorized removal)	Signing and Marking Standard Drawings S-10
20.		When flat sheet panels are installed, are bolts fastened with a cadmium-plated or zinc-plated fender washer and two standard nuts? (Nylon washers are not be used)	2021 Standard Specifications 608-3.02 pg. 660
21.		Was a fender washer placed against the sign post then the first nut tightened against the fender washer, and the second nut tightened against the first nut?	2021 Standard Specifications 608-3.02 pg. 660
22.		Have bolts been tightened from the back by holding the bolt head stationary on the face of the panel? (Twisting of the bolt head on the panel face will not be allowed)	2021 Standard Specifications 608-3.02 pg. 660
23.		Has the contractor provided a detailed list of all new signs installed on the project?	2021 Standard Specifications 608-3.02 pg. 660
24.		Does the list of new signs on the project include the sign identification code, the date each sign was installed, the fabricator of the sign, and the materials used to make the sign? (type of sheeting, ink and film)	2021 Standard Specifications 608-3.02 pg. 660
25.		Has an inspection of the installed sign panels been done by the Engineer during the daytime and at night for proper appearance, visibility, color, specular gloss and proper installation?	2021 Standard Specifications 608-3.04 pg. 661

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26.		Has each sign panel face been cleaned thoroughly just prior to the inspection by a method recommended by the manufacturer? (the cleaning material does not in any way scratch, deface or have any adverse effect on the sign panel components)	2021 Standard Specifications 608-3.04 pg. 661
27.		Have all apparent defects disclosed by the inspection been corrected by the contractor at no additional cost to the Department?	2021 Standard Specifications 608-3.04 pg. 661
28.		Have any color variations or blemishes between sign panels that are visible from a distance of 50 feet day or at night, been removed and replaced at no additional cost to the Department?	2021 Standard Specifications 608-3.04 pg. 661
29.		Is the Quantlist Minimum Frequency being followed, one per project?	Construction Bulletin 07-01