

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures
Title: Milepost Markers

TRACS NUMBER:
Highway Name:
Milepost
Plan Reference Number
Station
Offset (Feet)
Contractor/Subcontractor:
Direction

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Recommended
1.		Approved certificates of compliance with all required information are submitted for the panels and hardware.	Standard Specifications 106.05(B) Standard Specifications 608-2.01
2.		The Certificates of Compliance to which state that steel or iron products incorporated into the project meet the Buy America Act requirements', certifying that all manufacturing processes producing a steel or iron product, including any application of a coating to iron or steel, occurred in the United States.	23 CFR Part 635.410 Special Provisions 106.05 Special Provisions 106.15

3.		The Milepost sign panels are 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.	Special Provisions 608-2.09 Standard Specifications 1007 Standard Specifications 608-2.02
4.		Bolts conform to SAE J 429, Grade 5, or ASTM A 449, Type 1 and Nuts conform to ASTM A563, Grade A and Washers conform to ASTM F 884.	Standard Specifications 607-2.03
5.		All bolts and washers are zinc (ASTM B 633) or cadmium plated (ASTM B 766).	Standard Specifications 607-2.03
6.		Samples of hardware are sent to the ADOT materials lab for testing and results are on file.	Materials Testing Manual Appendix C Series 900 (Table 2 and Table 3)
7.		The sheeting supplied is Type IX or better and is on the Approved Products List.	Approved Products List Category V-75 or V75P Special Provisions 1007-2 Standard Specifications 1007-2
8.		Splicing of retroreflective sheeting is not allowed on sign panels less than 4 feet.	Standard Specifications 608-2.09
9.		All surfaces not covered with reflective sheeting are etched to reduce glare from reflected sunlight.	Standard Specifications 608-2.09
10.		The mile post markers are placed on the right side of the roadway facing approaching traffic.	Project Signing Plan Signing and Marking Standard Drawings S-10 Notes Standard Specifications 608-2.09
11.		Non-freeway mileposts and undivided roadways: For 2 lane highways the mileposts are placed on the right or median side of the roadway in the direction of increasing miles facing approaching traffic or as directed by the Engineer.	Project Signing Plan Signing and Marking Standard Drawings S-10 Notes Standard Specifications 608-2.09
12.		Mileposts that cannot be placed within 50' accuracy or as directed by the Engineer, can be omitted. Documentation is required!	Project Signing Plan Signing and Marking Standard Drawings S-10 Notes
13.		The milepost offset distance on a rural road is at minimum 12 feet from the edge of pavement (or minimum 6 feet based on site condition or as directed by the engineer). Milepost can be 2 feet behind the face of guardrail or in line with guardrail post. On an urban street, the milepost offset could be as little as 2 feet. Documentation is required if not placed according to plan.	Project Signing Plan Signing and Marking Standard Drawings S-10 Notes
14.		If not behind guardrail or barrier, the bottom of milepost sign is a minimum of 4 feet above the face of the curb or edge of paved shoulder.	Project Signing Plan Signing and Marking Standard Drawings S-10 Notes
15.		If behind guardrail or barrier, the bottom of milepost sign is are at a minimum of 4 feet above the face of curb or edge of paved shoulder and 6" above the top of guardrail or barrier.	Signing and Marking Standard Drawings S-10

16.		A nylon washer, conforming to ANSI Standard and having a diameter two times the bolt head diameter, shall be placed between the bolt head and panel face.	Standard Specifications 608-2.09
17.		Did the Contractor install the Milepost foundation per Detail Drawing S-3?	Signing and Marking Standard Drawings S-3
18.		Did the Contractor install the 2 inch by 2 inch Square tube post as required by Signing and Marking Standard Drawings S-10 for the sign to be mounted too?	Signing and Marking Standard Drawings S-10 Signing and Marking Standard Drawings S-3
19.		Was the Milepost sign installed using the required 7/16 inch Corrosion Resistant Bolt, plated fender washer, lock washer and hex nut?	Signing and Marking Standard Drawings S-10
20.		Thread to bolts should not be deformed after the installation.	Signing and Marking Standard Drawings S-10
21.		The heads of bolts and nylon washers is either anodized or painted to match the background or legend color in which they are placed	Standard Specifications 608-3.02
22.		Bolts shall be 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.	Standard Specifications 608-3.02
23.		The contractor shall place information 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.	Standard Specifications 608-3.02
24.		An inspection of the completely installed sign panels will be made by the Engineer during the daytime and at night for proper appearance, visibility, color, specular gloss and proper installation.	Construction Manual 105.11 Standard Specifications 608-3.04
25.		Quantlist Minimum Frequency is being followed, one per project.	Construction Bulletin 07-01