

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division IX: Incidentals
Title: Concrete Barrier

Route
Run Number
Start Station
End Station
Offset

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Recommended
1.		Certificates of Compliance for the reinforcing steel have been submitted and conformed to the requirements of Subsection 106.05. (Subsection 1003-1)	Standard Specifications 910-2
2.		The Contractor furnished Certificates of Compliance conforming to the requirements of Subsection 106.05, which state that steel or iron products incorporated in 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.	Special Provisions 106.16
3.		Reinforcing steel is furnished in the sizes, shapes, and lengths shown on the plans and in conformance with the requirements of this Section 1003-1.	Standard Specifications 910-2
4.		Dowels used are corrosion resistant coated, conforming to the requirements of AASHTO M 254, Type "A".	Standard Specifications 910-2
5.		Certificate of Compliance is submitted for the liquid-membrane forming compound.	Policy and Procedure Directives 3a 1.2
6.		Precast barrier has been approved for use on the project by plans and specification (documents submitted prior to use).	Standard Specifications 910-3.04
7.		Survey has established line and grade for the Concrete Barrier wall.	Standard Specifications 925-3.01

8.		Subgrade is compacted to at least 95 percent of the maximum density.	Standard Specifications 910-3.01
9.		Concrete barrier grade is shaped and finished in conformity to the lines, grades and dimensions established by the Engineer or shown on the project plans.	Standard Specifications 910-3.01
10.		Reinforcing steel is placed per the Roadway Construction Standard Drawings: C-10.40 32" Type F; C-10.41 42" Type F; C-10.50 32" Type F; C-10.51 32" Type F; C-10.52 32" Type F; C-10.53 42" Type F; C-10.54 42" Type F; C-10.55 42" Type F; C-10.70 32" F w/caissons; C-10.71; C10.72; C10.73; C10.74; C10.76 (or per project plans).	Standard Specifications 910-3.03 or 910-3.04
11.		Concrete barrier requiring caissons are three feet deep and one-foot diameter: Recorded in daily diary (Construction Manual 105.11).	Construction Standard Drawing C-10-72 Standard Drawing C-10-10
12.		Concrete is an approved Class "S", 4,000 pounds per square inch (PSI) in 28 days mix.	Standard Specifications 910-2
13.		When Concrete barrier is poured in sections, a footer with a Construction Joint was placed.	Construction Standard Drawing C-10.51, C-10.54 and C-10.55 Standard Specifications 910-3.02, 910-3.03, or 910-3.04
14.		Cast-In-Place by Slip Form or Extrusion: Barrier shape, height and alignment meets plans requirements.	Standard Specifications 910-3.02 (A)
15.		Cast-In-Place by Slip Form or Extrusion: Grade for the top of the concrete barrier is indicated by an offset guideline set by the contractor from survey marks established by the Engineer. Checking of the grade is recorded in the daily diary (Construction Manual 105.11).	Standard Specifications 910-3.02 (A)
16.		Cast-In-Place by Slip Form or Extrusion: Concrete is vibrated, rammed, tamped or worked with suitable equipment until consolidated to eliminate voids such as honeycombed surfaces.	Standard Specifications 910-3.02 (A)
17.		Cast-In-Place by Slip Form or Extrusion: Concrete has a consistency that, after extrusion, it is maintains the shape of the barrier without support.	Standard Specifications 910-3.02 (A)
18.		Cast-In-Place by Slip Form or Extrusion: The dimensional tolerances for the ten-foot straightedge placed on the top do not vary by more than 1/4 inch. Along the face, it does not vary by more than 1/2 inch when checked with a 10-foot straight edge.	Standard Specifications 910-3.02 (B)
19.		Cast-In-Place by Slip Form or Extrusion: The dimensional tolerance for height does not vary more than 1/2 inch	Standard Specifications 910-3.02 (B)
20.		Cast-In-Place by Fixed Form: Forms are checked for dimensional tolerances for the height and shape of the form and recorded in Inspector's daily diary (Construction Manual 105.11).	Standard Specifications 910-3.03
21.		Cast-In-Place by Fixed Form: Cast sections are the length shown on the project plans and the edges of the joints between sections are rounded to a 1/4-inch radius.	Standard Specifications 910-3.03

22.		Cast-In-Place by Fixed Form: 10-foot long straightedge is placed on the top and along the faces of the barrier; the surface does not vary more than 1/4- inch and recorded in daily diary (Construction Manual 105.11).	Standard Specifications 910-3.03
23.		All exposed concrete has the Type 1-D (P.P.D. number 3.a and Subsection 1006-2.05): Curing of concrete is in accordance with the requirements of Subsection 1006-6.01(C) and recorded in Inspector's daily diary (Construction Manual 105.11).	Standard Specifications 910-3.01
24.		Class II finish has been applied before curing was applied or was removed before finishing was completed.	Standard Specifications 1006-6.01 (A) Standard Specifications 910-3.01
25.		Cast-In-Place by Fixed Form: After the concrete has cured for seven days, the joint is filled to a depth of at least one inch with joint sealant.	Standard Specifications 910-3.03
26.		Payment for Cast-In-Place by Slip Form or Extrusion: Dimensional tolerances for the ten-foot straightedge placed on the top that do not vary by more than 1/4 inch is paid at 100 percent linear foot. 1/4 to 3/4 inch is paid at 75 percent a linear foot. Above 3/4-inch is rejected per 910-3.02(B), and is recorded in daily diary (Construction Manual 105.11).	Standard Specifications 910-5
27.		Quantlist Minimum Frequency is being followed, One per Run.	Construction Bulletin 07-01