

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division IX: Incidentals

Title: Masonry Walls

Run Number
Station
Offset
Type of Masonry Wall
Wall Number

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Recommended
1.		A copy of the mix design, approved by the Regional Materials Engineer, is on file for Class "S" concrete and or mortar.	Materials Practice and Procedure Directives 15 Standard Specifications 914-1, 1003, and 1006 Standard Specifications 914-2
2.		The curing compound (Type 1-D) has been pre-approved and identified with the project number, laboratory number, lot number, individual approving material, and the date of approval (Green Tag).	Materials Practice and Procedure Directives 3a 2.1
3.		Certificates of Compliance, for the requirements of Subsection 106.05(B) were submitted to the Engineer for any packaged dry concrete or mortar materials used.	Standard Specifications 1016-1
4.		The contractor has submitted the name of the "Competent Person" for scaffolding.	Standard Specifications 107.08
5.		The Contractor has submitted Material Safety Data Sheets (MSDS) for materials used for the wall.	Standard Specifications 1016-1
6.		Certificates of Compliance are submitted for the rebar, steel, and masonry reinforcement wire.	Standard Specifications 914-1
7.		Three copies of all shipping documents are furnished with each delivery, showing the reinforcing steel sizes, weights, and lengths.	Standard Specifications 106.05 Standard Specifications 914-1

8.		The Contractor has submitted samples to the Engineer, and the Engineer, has verified the type of block, color, and mortar to be used (approved by Roadside Development).	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
9.		Areas are Blued Staked prior to beginning work.	Standard Specifications 107.15
10.		Excavation is in accordance with the plan sheets.	Standard Specifications 203-5
11.		Backfill is in accordance with the plan sheets.	Standard Specifications 203-5
12.		The concrete is placed and consolidated by methods that not cause segregation and which result in a dense, homogeneous concrete free of honeycomb or voids	Standard Specifications 601-3.03 (A) Standard Specifications 908-3
13.		Sampling of the Class "S" concrete is daily from each batch plant; daily placements of 20 cubic yards or less are taken at the discretion of the Engineer.	Standard Specifications 1006-7.03
14.		Liquid-membrane: The compound forms a continuous unbroken surface or the area was given a new application of compound to assure uniform coverage.	Standard Specifications 1006-6.01 (C)
15.		Area calculations were recorded in the Daily Diary and compared with the amount applied (application rate is calculated).	Construction Manual 105.11 Standard Specifications 1006-6.01 (C)
16.		The Contractor is following the mix design for the approved mortar (Observe the mixing of the mortar).	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
17.		The initial bed joint thickness is not less than 1/4 inch nor more than 1-inch.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
18.		Verify that the block and grout type and color is as approved by Roadside Development.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
19.		Verify that masonry blocks are clean and free from dirt when placed in the wall and that right type of block being used.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
20.		Verify and observe that subsequent bed joints are not less than 1/4 inch or more than 5/8 inch in thickness.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
21.		Verify horizontal joint reinforcing size, location, and spacing.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
22.		Joint Reinforcing: 9 Gauge Ladder or Truss type is being used at required locations and lifts. [ASTM A82 Wire]	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02

23.		Verify that the location, spacing, size and lap length of vertical reinforcing dowel bars and wall reinforcement is within plus or minus 1/2 inch of the plan dimensions as measured perpendicular to the wall (+/- 2-inch in the longitudinal direction).	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
24.		Where required in Retaining walls, the 3-inch drain pipes are installed at the correct locations (height and spacing).	Structure Standard Drawings SD 7.02
25.		Expansion joints for retaining walls are spaced at a maximum of 96-feet	Structure Standard Drawings SD 7.02
26.		The Contractor is using 3/8-inch premolded expansion joint filler material in the retaining walls.	Structure Standard Drawings SD 7.02
27.		The control joints are at a maximum of 24 feet.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
28.		The Contractor's Competent Person has checked scaffolding before use each day or when changes were made.	OSHA 29 CFR, Part 1926, and 29 CFR, Part 1910 Standard Specifications 107.08
29.		Employees are protected from falls by the use of guardrail system, safety net system or personal fall arrest system.	OSHA 29 CFR, Part 1926, and 29 CFR, Part 1910 Standard Specifications 107.01 Standard Specifications 107.08
30.		The "bond beam" rebar is placed per plan location.	Structure Standard Drawings SD 8.02
31.		The "bond beam" rebar are epoxy coated dowels (#6 dowel, 1.5-feet long with 6-inches encased on one side of the control joint).	Structure Standard Drawings SD 8.02
32.		Bond rebar dowels are plumb after being encased.	Structure Standard Drawings SD 8.02
33.		The Contractor is using Vinyl Cruciform joint filler in the control joint of the sound wall.	Structure Standard Drawings SD 8.02
34.		Verify that all concrete masonry blocks are placed in uniform and true courses, level and plumb with a tolerance of 1/4 inch in 8-feet.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
35.		Verify that concrete masonry units are placed to the desired height with joints of uniform thickness: Leveled, plumbed, and straightened before the mortar stiffens.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
36.		Verify that the grout being used is an approved mix design and color.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02

37.		Grout is being sampled for strength and flow as required.	ASTM C476, Type Coarse, Cube strength 2000 PSI Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
38.		Verify that all concrete masonry units are cured by sprinkling with water twice a day for minimum of 2 days.	Structure Standard Drawings SD 7.02 Structure Standard Drawings SD 8.02
39.		For retaining walls, the geocomposite drains are installed as required.	Structure Standard Drawings SD 7.02
40.		Rustication, color coatings and other wall treatments are in accordance with the details shown on the project plans or as specified in the Special Provisions.	Standard Specifications 914-3
41.		Quantlist Minimum Frequency is being followed, one per reference number run or once a week.	Construction Bulletin 07-01