

Inspector Quantlist Report 20191024

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division IX: Incidentals

Title: Concrete Curbs, Gutters and Sidewalks

Reference Number:
Standard Drawing number:
Stations:
Offset:
Sidewalk or Driveway:
Curbs or Valley Gutters:
Sidewalk Ramp:
Type of Detectable Strips:

Attribute Numbers	Compliance	Narrative	Reference
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. Materials Practice and Procedure Directives 15a 1.4.1	Standard Specifications 1006-3.02
2.		Certificate of Compliance is submitted for the liquid-membrane forming compound. Standard Specifications 106.05 Materials Practice and Procedure Directives 3a 1.1	Standard Specifications 1006-2.05
3.		Width of the sidewalk is 5 feet or as noted in the Project Plan Sheet. Project Plan Sheet and or details	Construction Standard Drawing C-05.20 (sheet 2 of 2)
4.		Sidewalks shall not be less than 48 inches wide and shall require passing areas at intervals of no further than 200 feet apart. Passing areas are 60" by 60" minimum. [Section 504 of the Rehabilitation Act of 1973 (Section 504) (29 U.S.C. §794) and Title II of the Americans with Disabilities Act of 1990 (ADA) (42 U.S.C. §§ 12131-12164)]	Standard Specifications 107.01

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5.		The sidewalk grade (slope) is less than 1:20 (elevation changes of more than 1/2-inch require the construction of a ramp). [Section 504 of the Rehabilitation Act of 1973 (Section 504) (29 U.S.C. §794) and Title II of the Americans with Disabilities Act of 1990 (ADA) (42 U.S.C. §§ 12131-12164)]	Standard Specifications 107.01
6.		Vertical alignment and grades were verified with the project plans.	Standard Specifications 908-3
7.		Soft or unsuitable material is removed to a depth of not less than 6 inches below subgrade and replaced with suitable material.	Standard Specifications 908-3
8.		The top 6 inches of the subgrade material is compacted to a minimum of 95%.	Standard Specifications 908-3
9.		The types and dimensions of the curb and gutter and/or sidewalk are checked and verified with the project plans for dimensions.	Standard Specifications 908-3
10.		Forms are in good condition and accurate in shape, strength, rigidity and smoothness of surface.	Standard Specifications 908-3
11.		Forms are thoroughly cleaned and coated with light oil.	Standard Specifications 908-3
12.		The depth of face for concrete curb forms is equal to the full face height of the curb.	Standard Specifications 908-3
13.		Curbs dimensions meet the requirements of either Construction Standard Drawings C-05.10 or C-5.12.	Project Plan Detail
14.		Forms are securely staked in position using clamps, spreaders, and braces to insure rigid forms.	Standard Specifications 908-3
15.		Slip-form curb is controlled to line and grade by means of automatic sensing and control devices.	Standard Specifications 908-3
16.		Sidewalk ramp and driveway dimensions meet the requirements of Construction Standard Drawings C-05.20, C-05.30 or C-05.40.	Project Plan Detail
17.		A Concrete Class "S" or "B" Quantlist has been completed.	Construction Bulletin 07-01
18.		Expansion joints are constructed at tangent points of curb returns, at structures, and at a maximum of 60 feet intervals.	Standard Specifications 908-3
19.		Expansion joints and contraction joints match the joints in the adjacent pavement or existing concrete curb and sidewalk.	Standard Specifications 908-3
20.		Expansion joint filler is 1/2-inch bituminous or non-bituminous preformed strips conforming to the requirements of Subsection 1011-6.	Standard Specifications 908-2.02
21.		Joint filler is placed vertically and extends full depth beginning 3/16 inch below the surface of the placed concrete.	Standard Specifications 908-3
22.		Contraction joints (Weakened-Plane Joints) are constructed at a maximum of 15 feet intervals.	Standard Specifications 908-3
23.		A contraction joint is constructed along the center of driveway entrances 20 feet in width or greater. Construction Standard Drawing C-05.20 (sheet 2 of 2 Note 2)	Standard Specifications 908-3
24.		Expansion joints are constructed between sidewalks and driveways, between sidewalk and abutting structures, around poles, posts, boxes, curb returns and other fixtures that protrude through the sidewalk.	Standard Specifications 908-3

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25.		Longitudinal contraction joints are constructed in the center of sidewalk having a width greater than 7 feet. Construction Standard Drawing C-05.20 (sheet 2 of 2 Note 2)	Standard Specifications 908-3
26.		Sawed joints are to a depth of 2 inches or one-third the thickness of the concrete, whichever is greater.	Standard Specifications 908-3
27.		The final joint finishing is accomplished with a jointer tool having a radius of 1/4-inch leaving a finished joint depth of a minimum of 3/4-inch.	Standard Specifications 908-3
28.		All exposed edges and edges of concrete at expansion joints are tooled to a 1/4-inch radius or as indicated on the plans.	Standard Specifications 908-3
29.		The slope of the gutter is formed to match the roadway cross slope, or as shown on project details and recorded in the Daily Diary (Construction Manual 105.11).	Standard Specifications 908-3
30.		The gutter, front face, and top of curb are troweled smooth and are given a final fine brush finish with brush strokes parallel to the lines of curb and gutter.	Standard Specifications 908-3
31.		The surface of concrete sidewalk, when tested with a 10 foot straightedge, does not vary by more than 1/4-inch and recorded in the Daily Diary (Construction Manual 105.11).	Standard Specifications 908-3
32.		The face, top and back of the curb and gutter, when tested with a 10 foot straight-edge, do not vary by more than 1/4-inch and recorded in the Daily Diary (Construction Manual 105.11).	Standard Specifications 908-3
33.		Flow line surface does not vary more than 1/4-inch, when tested with a 10 foot straight-edge and recorded in the Daily Diary (Construction Manual 105.11).	Standard Specifications 908-3
34.		Detectable Warning Strips conform to the current requirements of the Americans with Disabilities Act Accessibility Guidelines (ADAAG) and installed at locations noted on the plan sheets (Standard Specification 908-3).	Standard Specifications 908-2.04
35.		The same type of detectable warning strips is used throughout the project unless shown otherwise on plans or approved by the Engineer. Pre-fabricated detectable warning strips shall be the Department's Approved Products List (APL). [Category P – Detectable Warning Device]	Standard Specifications 908-2.04
36.		The Detectable Warning Strips is placed in the concrete before the initial set. Note: Concrete must be fresh and showing no signs of setting up to ensure anchors will be fully encapsulated and achieve a solid bond between mortar and concrete. The concrete is still pliable to allow the plate anchors to sink into the concrete and the concrete will fill back into the voids created.	Manufacturer Requirements
37.		A Concrete Curing Quantlist has been completed.	Construction Bulletin 07-01
38.		Curing compound should form a continuous unbroken surface with a uniform film on the surface.	Standard Specifications 908-3
39.		All curb and gutter and sidewalks are cleaned of all discolorations (dirt, stains, bitumen's and equipment marks).	Standard Specifications 908-3
40.		Backfill material is not placed against placed concrete less than 72 hours after placement.	Standard Specifications 203-5.03 (B)(3)

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41.		Backfill material is compacted to the required densities.	Standard Specifications 203-5.03 (B)(4)
42.		Quantlist Minimum Frequency is being followed, Once a week.	Construction Bulletin 07-01