Inspector Quantlist Report 20190424

Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division VII: Traffic Control Facilities
Title: Number 5 and 7 Pull Box with Extension

Route Name:
Reference Number:
Station:
Offset:
Sheet Number:

Attribute Numbers	**Compliance**	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Construction Manual 108.04
1.		The contractor has submitted six copies (or submitted electronic format/docusign) of a complete project material submittal for approval at the preconstruction conference.	Standard Specifications 106.05 Standard Specifications 730-4
2.		Areas are Blued Staked (Arizona 811) prior to beginning work.	Standard Specifications 107.15
3.		The pull box dimensions are in conformance with the details and approved submittals.	Standard Specifications 104.15 (B) Standard Specifications 732-2.03 Traffic Signal and Lighting Standard Drawings T.S. 1-1 Traffic Signal and Lighting Standard Drawings T.S. 1-11 Traffic Signal and Lighting Standard Drawings T.S. 1-2 Traffic Signal and Lighting Standard Drawings T.S. 1-12
4.		The pull box is installed at the correct location and elevation in accordance with the project plans or as approved by the Engineer.	Standard Specifications 104.15 (C) Standard Specifications 732-1 Standard Specifications 732-2.03

5.		The covers are secured with two ⅜ inch stainless steel hex-head bolts (9/16 inch socket size) and a washer with that is recessed below the top surface of the cover or as approved by the Engineer.	Traffic Signals and Lighting Standard Drawings T.S. 1-1 Note 14 Traffic Signals and Lighting Standard Drawings T.S. 1-2 Note 8
6.		The pull box-lids have the proper legend (marked “A.D.O.T. ELECTRICAL HIGH VOLTAGE ADOT FMS” on the covers).	Standard Specifications 732-2.03 Traffic Signal and Lighting Standard Drawings T.S.1-11 Traffic Signal and Lighting Standard Drawings T.S. 1-12
7.		The pull box, extension or covers are free of chips and cracks.	Standard Specifications 732-2.03 Traffic Signal and Lighting Standard Drawings T.S.1, 1-1 1/2, Note 7
8.		Pull box installations in concrete areas have expansion joint materials (1/2 inch bituminous) placed around the pull box or as approved by the Engineer.	Standard Specifications 732-3.01
9.		Conduit entering through the bottom of a pull box is located near the sides and ends (in order to leave the major interior portion clear).	Standard Specifications 732-3.01
10.		All conduits entering the pull boxes will terminate a minimum of three inches inside the box wall.	Standard Specifications 732-3.01
11.		Conduits are two to four inches above the bottom of the pull box while sloping towards the direction of the conduit run. {To facilitate pulling of conductors.}	Standard Specifications 732-3.01
12.		Class “A” concrete aggregate designated ASHTO Size number 57, slump box drainage, or equivalent gravel material.	Traffic Signal and Lighting Standard Drawings 1-4 Traffic Signal and Lighting Standard Drawings T.S.1-11 Traffic Signal and Lighting Standard Drawings T.S. 1-12
13.		Pull box is backfilled with excavated material and compacted in accordance with Section 203-5 of the Standard Specifications.	Standard Specifications 732-3.01
14.		Felt paper (30 pound) is used between the pull box and the aggregate backfill material.	Traffic Signal and Lighting Standard Drawings 1-4
15.		Four concrete blocks (2 inches thick) are set under the pull box.	Traffic Signal and Lighting Standard Drawings 1-4
16.		The pull boxes in cut and fill areas shall match the grade and installed in conformance with specified requirements.	Traffic Signal and Lighting Standard Drawings 1-4

17.		All the bell ends are installed on the ends of the conduit before the contractor pulls the conductors or fiber optic cable.	Standard Specifications 732-3.01
18.		The pull box is cleaned of all debris.	Standard Specifications 732-1
19.		All changes in the location and size of pull boxes shown on the plans are documented by the Contractor, Inspector daily dairy, and approved by the Engineer.	Construction Bulletin 09-04 Construction Manual 105.11 Standard Specifications 732-3.01
20.		If optional, 10 inch concrete collar is used for pull box; meets the requirements of detail “B” of the Traffic Signal and Lighting Standard Drawings (sheet 3 of 3).	Traffic Signal and Lighting Standard Drawings 1-4
21.		Conduit entering pull boxes terminate a minimum of three inches inside the box wall; conduit is between two and four inches above the bottom of the pull box and is sloped to facilitate pulling of conductors.	Standard Specifications 732-3.01
22.		Quantlist Minimum Frequency is being followed with a minimum of one per week.	Construction Bulletin 07-01