

Inspector Quantlist Report 20190415

Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division VII: Traffic Control Facilities **Title: Cabinets (FMS)**

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 combine 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.		Cabinet foundation concrete is a minimum of 3,000-pound per square inch Class S.	Standard Specifications 734-2 Standard Specifications 734-2.03 (I)
3.		Check anchor bolts and leveling nuts for level and plumb.	Standard Specifications 731-1 Standard Specifications 734-3.05
4.		Cabinet foundations are four inches above ground level.	Standard Specifications 734-3.05
5.		The Traffic Control Cabinet has all of the required auxiliary equipment required, wired, tested at the Traffic Signal Shop and passed.	Standard Specifications 734-2
6.		The cabinet is UL approved.	Standard Specifications 734-2.03 (G)
7.		The Contractor furnished three sets of instruction books and an itemized price list for each type of equipment, their sub-assemblies, and their replacement parts.	Standard Specifications 734-2.01 (A)
8.		The ground was tested with the resistant tester to figure the grounding rod requirements.	Standard Specifications 734-3.03 (C) NEC 1987.250-89-3
9.		The ground rod has been installed and the total resistance to ground measured equals 25 ohms or less.	Standard Specifications 732-3.03
10.		The cabinet is oriented correctly with door vents facing away from traffic (or noted in the plans).	Standard Specifications 734-3.01

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11.		Pole mounted cabinets (CCTV) are mounted per the plans and details.	ITS Standard Drawing FM.01
12.		Wireless devices are installed on the cabinets per the plans and approved submittals.	Special Provisions 734-2.04
13.		All outside seams of the cabinet are continuously welded.	Standard Specifications 734-2.03 (A)
14.		The doors have a neoprene gasket around the perimeter of each door frame.	Standard Specifications 734-2.03 (B)
15.		A minimum of two keys was furnished with each cabinet and given to ADOT (including the police type keys).	Standard Specifications 734-2.03 (B)(2)
16.		The shelves are in conformance with the weight requirement.	Standard Specifications 734-2.03 (B)(3)
17.		All conductors are No. 22 or larger.	Standard Specifications 734-2.03 (F)(1)
18.		All conductors are in conformance with the color code requirements.	Standard Specifications 734-2.03 (F)(2)
19.		The service enclosure is in conformance with the requirements of the serving utility company.	Standard Specifications 734-2.03 (H)
20.		All conductors conform to the NEC and UL requirements.	Standard Specifications 734-2.03 (H)
21.		All cabinet wiring is neatly arranged and made tight by the use of wiring harnesses.	Standard Specifications 734-3.03 (A)
22.		Cabling is routed to prevent conductors from coming in contact with any metal edges.	Standard Specifications 734-3.03 (A)
23.		The AC common, logic ground and the chassis ground are all isolated from each other.	Standard Specifications 734-3.03 (C)
24.		All field terminal supports are installed not less than five inches from the base of the cabinet.	Standard Specifications 734-3.03 (D)
25.		The terminal blocks have a labeling strip for each position.	Standard Specifications 734-3.03 (D)(1)
26.		All cables are labeled in conformance with approved plans or approved submittals. All cables are labeled in conformance with approved plans or approved submittals.	Special Provisions 734-3.04 Standard Specifications 732-3.02 (C)
27.		All crimp style connectors are applied with the proper tools and soldered.	Standard Specifications 734-3.03 (D)(1)
28.		The cabinet is supplied with a sheet metal wiring diagram holder.	Standard Specifications 734-3.04
29.		The "Stand Alone Test" procedures have been approved.	Special Provisions 105.04
30.		The "Stand Alone Test" has been completed as written.	Special Provisions 105.04
31.		Maintenance Unit (MU) decal numbers have been installed as required (CCTV, DMS, 341A).	ITS Standard Drawing FM.01
32.		Quantlist Minimum Frequency is being followed of one per week before final acceptance.	Construction Bulletin 07-01