

Inspector Quantlist Report 20210914

Diary Number: \_\_\_\_\_ Inspector Name: \_\_\_\_\_

TRACS Number: \_\_\_\_\_ Date: \_\_\_\_\_

**Division VIII: Roadside Development**  
**Title: Irrigation System Construction**

Route:
Begin Station:
End Station:
Controller Number:
Mainline Pressure:
Lateral Pressure:

No	Compliance	Narrative	Reference
0.		A pre-activity meeting was held which included the ADOT PLA and the Landscape Subcontractor.	Construction Bulletin 11-06
1.		Prior to beginning trench excavation, existing utilities have been identified and marked by Arizona 811.	Standard Specifications 107.15
2.		Prior to the beginning trench excavation, the irrigation system, consisting of all major components (BFPU, piping, valves, etc.), was laid out, outside of planting locations and approved by the Engineer.	Standard Specifications 808-3.03
3.		All backflow prevention units (BFPU) were installed, tested and approved for use by the Engineer prior to the Contractor using water from any potable water system.	Standard Specifications 808-3.05
4.		Piping and distribution tubing was installed per depth, cover, maximum length and bedding material requirements as specified.	Standard Specifications 808-3.04
5.		Prior to pressure testing any irrigation line or valve, the lines were flushed and bled to remove debris.	Standard Specifications 808-3.09
6.		The pressure mains and sub-mains were subjected to a static pressure test of 100 PSI gauge for a minimum of two hours, or as specified in the Special Provisions.	Standard Specifications 808-3.09
7.		The installation of the 24-volt control wire and common wire for operation of the remote-control valves is per size and color.	Standard Specifications 808-2.01 (F)

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8.		Schrader valves were installed for pressure testing of the control valves and pressure regulators according to the project plans or Special Provisions.	Standard Specifications 808-2.01 (G)
9.		After installation of emitter lateral and supply tubing, but before the installation of emitters, the laterals and tubing were tested per the specified pressure and duration required.	Standard Specifications 808-3.09
10.		All emitters were installed per correct size and quantity, with required ports opened, at locations as detailed.	Standard Specifications 808-3.05 (G)
11.		Emission points of emitters are exposed 1" above finished grade.	Plans
12.		Remote control valves have been tested at operating pressure, both manually and through electronic controller.	Standard Specifications 808-3.09
13.		Remote control valve and pressure regulator boxes are installed with locking lids, and brass tag identification labels affixed as required.	Standard Specifications 808-3.03
14.		Flow sensor is installed properly with required length of straight pipe up and downstream of the sensor.	Plans
15.		Contractor has furnished liquid-filled 2" diameter pressure gauge with a rubber hose and tire chuck for pressure testing during construction and landscaping establishment.	Standard Specifications 808-3.06 Standard Specifications 808-2.01
16.		All irrigation system components and piping shall be tested and documented in the Inspector's Daily Diary.	Construction Manual 808-3.03
17.		The irrigation is being run automatically for a minimum of five days prior to final acceptance of construction and during the duration of the Landscaping Establishment period.	Standard Specifications 808-3.06
18.		Quantlist Minimum Frequency is being followed, one for each controller.	Construction Bulletin 07-01