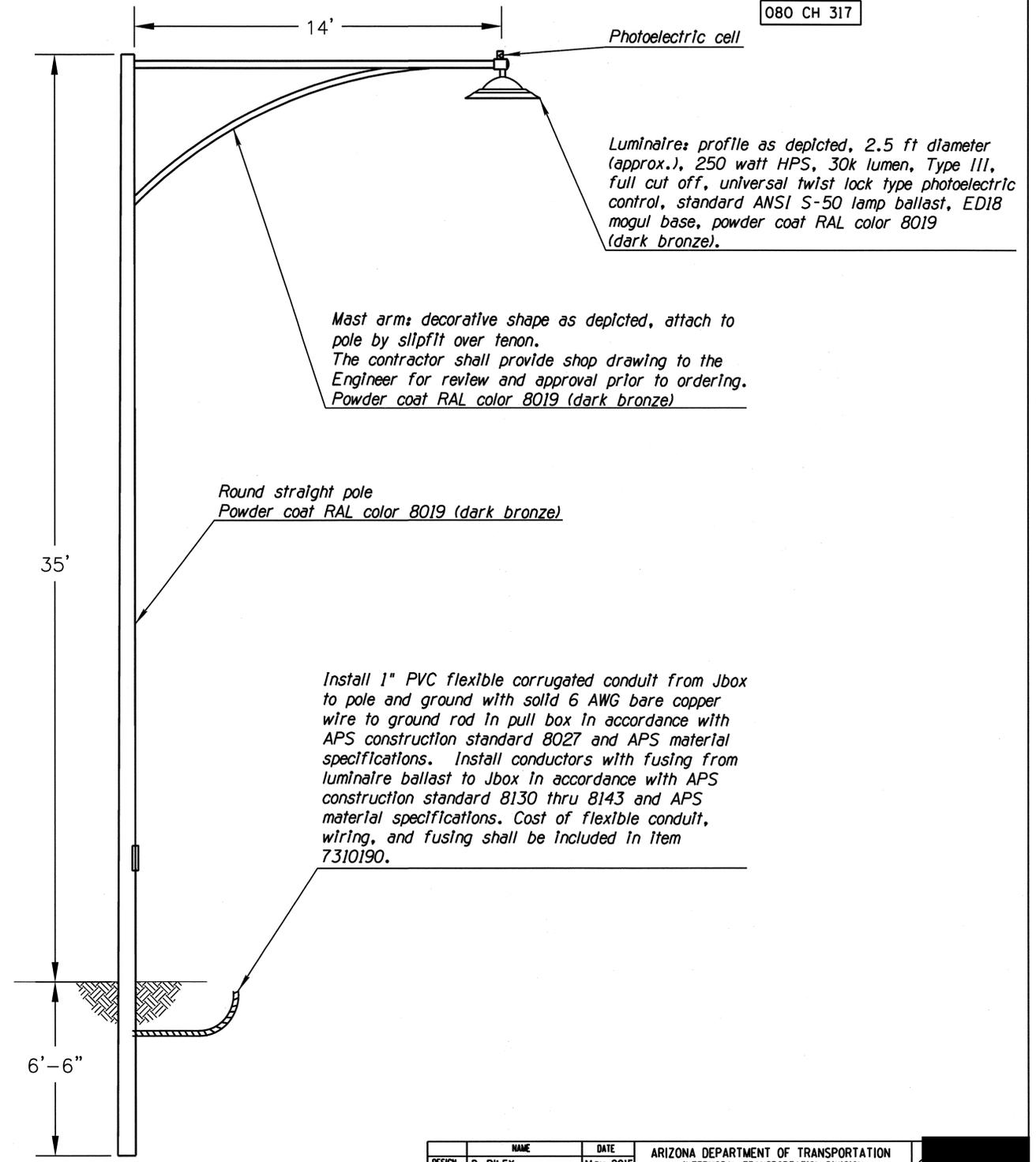


F.N.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	080-A-(200)T	51	91	

O80 CH 317

### STREET LIGHTING GENERAL NOTES

- The contractor shall follow the ADOT Traffic Signal and Lighting Standard Drawings and the 2008 Standard Specifications. In addition, the contractor shall follow the Arizona Public Service 2014 Transmission And Distribution (T & D) Construction Standards and Material Specifications. The contractor shall follow all revisions to the APS standard drawings and specifications dated prior to October, 2014. The contractor shall contact Tony Schneider of APS at (602) 371-6952 or at FranzAnthony.Schneider@aps.com to obtain the APS Standards and Specifications.
- In the event that a conflict arises between the standards and specifications of ADOT and APS, the contractor shall direct the issue to the Engineer and the Engineer shall propose a resolution to be approved by APS.
- The contractor shall follow APS requirements for conduit primer and solvent.
- The location of utilities shown on the plans are approximate. All involved utilities may not be shown on the plans. The contractor shall be responsible per Sections 107.15 & 730-6 of the Standard Specifications, for contacting all utilities for the exact location prior to any construction activity.
- Construction of the roadway lighting system will be inspected by both APS and ADOT. Prior to construction, the contractor shall determine specific requirements with Antonia Morales of APS at (520) 364-1521 and the ADOT Engineer.
- Conduit locations are shown diagrammatically. Actual locations shall be proposed by the contractor in the field and shall receive approval by the Engineer prior to construction.
- The contractor shall supply and install:
  - trench,
  - conduit,
  - luminaire assemblies, poles, and mast arms
  - lamps,
  - photoelectric cells,
  - fuses, and
  - wiring from the ballast to the Jbox adjacent to the luminaire.
- APS will supply and the contractor shall install:
  - flat strap (pull tape),
  - Jboxes, and
  - ground rods.
- The contractor shall be responsible for pick up of APS-supplied materials from the APS Douglas Construction Yard at 419 13th Street Douglas, Arizona 85607. The contractor shall schedule pick-up with Antonia Morales of APS at (520) 364-1521 two weeks prior to desired pick-up.
- APS will design the electrical distribution system, and will supply and install electrical conductors, service cabinets, and control energizing of the system. APS will be required to obtain an ADOT permit for construction activities. The contractor is responsible for integrity of all conduits until APS has installed conductors. The contractor shall coordinate with APS and account for APS construction time in the project schedule.
- All materials and installation shall be compatible with the 120/240V secondary voltage to be supplied by APS.
- Luminaires from Sternberg, Visionaire, and H.E. Williams meet the requirements shown in Luminaire Assembly Detail.
- All lighting units shall be installed with the mast arm perpendicular to the roadway on which they are located. Light poles shall be installed plumb in two directions, ninety (90) degrees apart, and shall be properly grounded.
- Luminaires shall be installed level and free of dust, dirt or anything that would impair the output of the light.
- Direct buried poles shall be set in an augured hole in undisturbed earth. Pole shall be set plumb in two directions 90 degrees apart. Backfill shall be placed in accordance with the ADOT 2008 Standard Specifications, Subsection 203-5.03(B).
- The pole bury depth shall be according to the manufacturer or shown on the Luminaire Assembly Detail, whichever is greater.
- The buried portion of pole shall be properly protected by coating with Valspar VM 355 coal tar epoxy 28 mils wet, 20 mils dry. After epoxy has dried, half lap pole with corrosion resistant 10 mil rubber tape. This tape shall be uniform and without folds, wrinkles or gaps. Alternative protection may be proposed by the pole manufacturer or the contractor and will be subject to approval by ADOT.



LUMINAIRE ASSEMBLY DETAIL

**NOTE:**  
This assembly has been approved by ADOT, the City of Tombstone, APS, and the State Historic Preservation Office (SHPO). Any alterations shall be subject to reapproval by each agency.

DESIGN	D. RILEY	May 2015	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC DESIGN SECTION
DRAWN	D. RILEY	May 2015	
CHECKED	K. WINNEY	May 2015	
United Civil Group 2808 North 7th Avenue Phoenix, Arizona 85007 (602) 265-6155			ROADWAY LIGHTING NOTES
ROUTE	SR 80	LOCATION	FREMONT STREET, 3RD ST TO 6TH ST
TRACS NO.	H7475 01C		O80-A(200)T
			SHEET 1 OF 5
			OF