

# POLE SCHEDULE NOTES

## NOTES:

1. THE CONTROL CABINET SHALL BE WIRED AND LABELED WITH THE SAME PHASE NUMBER DESIGNATIONS FOR INITIAL AND FUTURE PHASES, AS SHOWN IN THE PHASE MOVEMENT DIAGRAM OR AS NOTED ON THE PLANS. EACH CONNECTOR SHALL HAVE ALL PINS WITHIN THE CONNECTOR BROUGHT TO CABINET TIE POINTS. ANY CONTROL CABINET NOT WIRED ACCORDINGLY WILL BE REJECTED BY THE ENGINEER.
2. THE MPS-80 CONTROLLER SHALL HAVE ALL THE SPECIAL PROGRAM APPLICATIONS PER STANDARD SPECIFICATIONS SUB SECTION 734-2.02 C(3)(a), EXCEPT FOR THE ARTERIAL MASTER CONTROLLER APPLICATION.
3. INSTALL P.E.C. AND 20 AMP FUSED LIGHTING CONTACTOR AS CALLED FOR ON THE PLANS AND THE SPECIFICATIONS.
4. ALL NON LED SIGNAL FACE LENSES SHALL BE GLASS.
5. SPECIAL ADA PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED. SEE SPECIAL PROVISIONS FOR PEDESTRIAN PUSH BUTTON ASSEMBLY AND INSTALLATION REQUIREMENTS.
6. THE CONTRACTOR SHALL FIELD VERIFY ALL POLE LOCATIONS AND ELEVATIONS WITH THE ENGINEER, PRIOR TO ANY CONSTRUCTION ACTIVITY.
7. ALL EXPOSED CONDUIT AND FITTINGS INSTALLED ABOVE GROUND, SHALL BE RIGID METAL TYPE PER THE STANDARD SPECIFICATIONS.
8. THE CONTRACTOR SHALL CONTACT KEN TIGHE OF ADOT AT (928) 759-2426 EXT. 3601 BEFORE DRILLING POLES FOR PUSH BUTTON ASSEMBLIES AND TRAFFIC SIGNAL MOUNTING ASSEMBLIES, FOR EXACT LOCATION.
9. ALL 12" SIGNAL FACES SHALL HAVE 5" LOUVERED BACKPLATES. SEE SPECIAL PROVISIONS.
10. THE CONTRACTOR SHALL CONTACT KEN TIGHE OF ADOT AT (928) 759-2426, EXT. 3601 TO SCHEDULE THE WIRING OF THE SIGNAL CABINET.
11. THE CONTRACTOR SHALL CONTACT KEN TIGHE OF ADOT AT (928) 759-2426, EXT. 3601 TO SCHEDULE THE SIGNAL TURN-ON. THE ADOT ELECTRICAL INSPECTOR SHALL SCHEDULE THE SIGNAL TURN-ON WITH ADOT TRAFFIC OPERATIONS, A MINIMUM OF 10 DAYS IN ADVANCE.
12. ALL TRAFFIC SIGNAL INDICATIONS, EXCEPT PROGRAMMED VISIBILITY FACES, SHALL BE LED MODULES. SEE SPECIAL PROVISIONS.
13. THE LOOP DETECTORS SHALL EACH HAVE A SEPARATE CHANNEL IN THE CONTROL CABINET AND THE DETECTOR RACK. THE CABINET AND THE RACK SHALL BE WIRED FOR DELAY TIMING CAPABILITY.
14. ALL STRIPING SHALL BE INSTALLED PRIOR TO THE DAY OF TURN-ON.
15. ALL LOOP DETECTORS SHALL BE INSTALLED AND FUNCTIONAL BEFORE THE DAY OF TURN-ON.
16. THE CONTROL CABINET SHALL BE DELIVERED TO THE TRAFFIC OPERATIONS CENTER AT 2104 SOUTH 22ND AVENUE, PHOENIX, ARIZONA FOR TESTING PER SECTION 734-2.01(E) & (F) OF THE STANDARD SPECIFICATIONS.
17. DUAL ARC TUBE LAMPS SHALL BE USED ON ALL HORIZONTAL MOUNTED LUMINAIRES. SEE SPECIAL PROVISIONS.

# PLAN SHEET NOTES

## GENERAL NOTES:

1. ALL MATERIAL AND INSTALLATION SHALL CONFORM TO THE 2000 STANDARD SPECIFICATIONS AND THE 2004 "TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS."
2. THE LOCATION OF UTILITIES SHOWN ON THE PLANS IS APPROXIMATE. ALL INVOLVED UTILITIES MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE, PER SECTION 730-6 OF THE STANDARD SPECIFICATIONS, FOR CONTACTING ALL UTILITIES FOR EXACT LOCATION PRIOR TO ANY CONSTRUCTION ACTIVITY.
3. FOR ELECTRICAL SERVICE, THE CONTRACTOR SHALL COORDINATE WITH DANNY CAPLES OF CITIZENS ELECTRIC COMPANY AT (928) 692-2760. ALL APPLICATION FEES AND CONNECTION FEES WILL BE PAID BY THE CONTRACTOR TO CITIZENS ELECTRIC COMPANY AFTER REVIEW BY THE ADOT ENGINEER. THE CONTRACTOR WILL THEN SUBMIT THE PAID INVOICES TO THE RESIDENT ENGINEER FOR REIMBURSEMENT THROUGH ITEM NUMBER 9240015, PROVIDE ELECTRICAL SERVICE. SEE SPECIAL PROVISIONS.
4. SEE STRIPING PLAN TO VERIFY ACTUAL LANE DIMENSIONS AND STOP BAR LOCATIONS.
5. THE LOOP DETECTORS SHALL BE INSTALLED PER T.S.7-1, EXCEPT THAT ALL LOOP DUCT CONDUCTORS SHALL HAVE A MINIMUM OF 2" OF SEALANT COVERING, INCLUDING LEAD-IN SAWCUTS. THE LOOP SAWCUT SEALANT SHALL BE THE EMULSIFIED TYPE PER THE STANDARD SPECIFICATIONS AND SHALL BE PRE-MIXED WITH SAND BY THE MANUFACTURER. THE SEALANT SHALL BE TRI-AMERICAN TA-500, WITCO CHEMICAL CORPORATION CRF OR APPROVED EQUAL.
6. ALL BACKPLATES FOR SIGNAL FACES SHALL BE LOUVERED.
7. ALL PULLBOXES SHALL BE LEFT IN A CLEAN CONDITION, FREE OF DIRT AND DEBRIS UPON COMPLETION OF THE WORK.
8. EXTEND CONDUITS TO NEW PULLBOX LOCATIONS AS SHOWN.
9. THE CONTRACTOR SHALL FIELD VERIFY ALL POLE LOCATIONS AND ELEVATIONS WITH THE ENGINEER, PRIOR TO ANY CONSTRUCTION ACTIVITY.
10. TOP OF POLE FOUNDATION SHALL BE THE SAME ELEVATION AS THE TOP OF THE FINISHED SIDEWALK RAMP, OR THE ADJACENT FINISHED ROADWAY SURFACE, IN SLOPED AREAS. CONSTRUCT COMPACTED FILL AROUND FOUNDATIONS FOR FULL STRUCTURAL SUPPORT AT POLES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THE HEIGHT OF THE SIGNAL MAST ARM IS A NOMINAL 21' ABOVE PAVEMENT.
12. ALL CONDUIT SHALL BE INSTALLED PER SECTION 732-3.01 OF THE STANDARD SPECIFICATIONS.

# DEPT. FURN. PLAN SHEET NOTES

1. ADOT WILL FURNISH THE FOLLOWING EQUIPMENT IN ACCORDANCE WITH THE POLE SCHEDULE, BIDDING SCHEDULE AND THE SPECIAL PROVISIONS AND THE CONTRACTOR SHALL INSTALL:
  - a) POLES AND MAST ARMS.
  - b) SIGNAL AND PEDESTRIAN FACES, MOUNTING ASSEMBLIES AND LUMINAIRES. SIGNAL AND PEDESTRIAN FACES AND MOUNTING ASSEMBLIES WILL BE FURNISHED UNASSEMBLED.
  - c) PUSH BUTTON STATIONS.
  - d) CONTROL CABINET.
  - e) METER PEDESTAL CABINET.

MISCELLANEOUS FASTENINGS, BOLTS, ANCHOR BOLTS, LEVELING NUTS, WASHERS AND INCANDESCENT TRAFFIC SIGNAL LAMPS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO SEPARATE MEASUREMENT OR DIRECT PAYMENT WILL BE MADE FOR THESE ITEMS.
2. THE ADOT FURNISHED MATERIALS SHALL BE PICKED UP AT THE TRAFFIC OPERATIONS SUPPLY CENTER, AT 2104 SOUTH 22ND AVENUE, PHOENIX, ARIZONA. TEN WORKING DAYS NOTICE SHALL BE GIVEN PRIOR TO PICK-UP. CONTACT VIC AUSBUN AT (602) 712-6675. SEE SPECIAL PROVISIONS.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

SUBJECT TO ALL NOTES AND CONDITIONS REFERENCED HEREIN

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION
DRAWN			INTERMODAL TRANSPORTATION DIVISION
CHECKED			<b>TRAFFIC ELECTRICAL DESIGN</b>
SCALE			
PROJECT NO.		LOCATION	
TRACS NO.		ENGINEER	OF
		SHEET	OF