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

UNDERGROUND CONDUIT NOTES

UNDERGROUND CONDUIT NOTES:

1. ALL MATERIAL AND INSTALLATION SHALL CONFORM TO THE 2000 STANDARD SPECIFICATIONS AND THE 2004 "TRAFFIC SIGNAL AND LIGHTING STANDARD DRAWINGS".
2. 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. ALL PULL BOXES SHALL BE NUMBER 7 AND SHALL BE LOCATED APPROXIMATELY AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
4. ALL CONDUIT SHALL BE 3" PVC WITH A NUMBER 8 BARE BOND WIRE INSTALLED PER SECTION 732-3.01 OF THE STANDARD SPECIFICATIONS.
5. ALL PULL BOXES SHALL BE LEFT IN A CLEAN CONDITION, FREE OF DIRT AND DEBRIS, UPON COMPLETION OF THE WORK.

INTERCONNECT CONDUIT NOTES

GENERAL NOTES:

1. ALL PULL BOXES SHALL BE NUMBER 5 AND SHALL BE LOCATED BEHIND THE SIDEWALK, AS SHOWN, OR AS DIRECTED BY THE ENGINEER.
2. ALL CONDUIT SHALL BE 2 INCH PVC PER THE STANDARD SPECIFICATIONS.
3. THE STATION LOCATIONS FOR THE PULL BOXES ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER.
4. ALL PULL BOXES AND CONDUIT ARE SHOWN FOR CLARITY. ALL PULL BOXES AND CONDUIT SHALL BE PLACED WITHIN ADOT RIGHT-OF-WAY.
5. ALL CONDUITS SHALL HAVE A No. 8 AWG BARE BOND WIRE INSTALLED PER SECTION 732-3.01 OF THE STANDARD SPECIFICATIONS.
6. ALL EXISTING CONDUIT AND PULL BOXES TO REMAIN.
7. ALL PULL BOXES SHALL BE LEFT IN A CLEAN CONDITION, FREE OF DIRT AND DEBRIS, UPON COMPLETION OF THE WORK.
8. ALL MATERIAL AND INSTALLATION SHALL CONFORM TO THE 2000 STANDARD SPECIFICATIONS AND THE 2004 "TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS."
9. 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.

ROADWAY LIGHTING GENERAL NOTES

GENERAL NOTES (ROADWAY LIGHTING)

1. FOR INSTALLATION PROCEDURES, SEE 2004 T.S. STANDARD DRAWINGS AND THE 2000 STANDARD SPECIFICATIONS.
2. 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 SECTION 730-6 OF THE STANDARD SPECIFICATIONS, FOR CONTACTING ALL UTILITIES FOR THE EXACT LOCATION PRIOR TO ANY CONSTRUCTION ACTIVITY.
3. EACH LUMINAIRE SHALL BE INDIVIDUALLY FUSED WITH IN-LINE CONNECTORS AS SHOWN ON T.S. 1-8.
4. FOR POLE OFFSET DETAILS, SEE T.S. 6-1.
5. ALL LIGHTING UNITS SHALL BE INSTALLED WITH THE MAST ARM PERPENDICULAR TO THE LANE OR RAMP ON WHICH THEY ARE LOCATED.
6. FOR ELECTRICAL SERVICE REQUIREMENTS, CONTACT **** ****** OF NAME OF UTILITY COMPANY AT ***-****.
7. DUAL ARC TUBE LAMPS SHALL BE USED ON ALL HORIZONTAL MOUNTED LUMINAIRES. SEE SPECIAL PROVISIONS.

LOOP DETECTOR REPLACEMENT NOTES

LOOP DETECTOR NOTES:

1. THE LOOP DETECTORS SHALL BE TESTED IN ACCORDANCE WITH THE 2000 STANDARD SPECIFICATIONS.
2. LOOP DETECTORS SHALL BE INSTALLED IN THE MILLED SURFACE BEFORE THE OVERLAY AND IN ACCORDANCE WITH 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.
3. THE EXISTING CONDUIT AND PULLBOXES SHALL BE RE-USED. THE CONDUIT STUB OUT AND PULLBOX LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. ACTUAL LOCATIONS SHOULD BE VERIFIED IN THE FIELD PRIOR TO SAW CUTTING LOOP DETECTORS.
4. THE CONTRACTOR SHALL CONTACT *** ******* OF ADOT AT ***-****, A MINIMUM OF 5 DAYS PRIOR TO MILLING OR GRADING IN THE AREA WHERE LOOP DETECTORS EXIST.
5. AFTER THE NEW LOOP DETECTORS HAVE BEEN INSTALLED, THE CONTRACTOR SHALL AGAIN CALL *** ******* TO MAKE THE CONNECTIONS IN THE PULL BOXES AND ADJUSTMENTS IN THE CONTROL CABINET.
6. LOOP DUCT SHALL BE No. 14 THWN IN ORANGE PVC TUBING, IMSA 51-5.
7. SEE STRIPING PLAN TO VERIFY ACTUAL LANE DIMENSIONS AND STOP BAR LOCATIONS.
8. USE CAUTION WHEN WORKING NEAR THESE EXISTING LOOP DETECTORS. REPLACE IF DAMAGED.

ALL NOTES SUBJECT TO CHANGES AND ADDITIONS AS REQUIRED.

REMOVE & SALVAGE NOTES

EXISTING SIGNALS (REMOVE & SALVAGE):

1. REMOVE AND SALVAGE EXISTING POLES, MAST ARMS, LUMINAIRES, MOUNTING ASSEMBLIES, CONTROL CABINET AND SIGNAL FACES. THE SALVAGED EQUIPMENT SHALL BE DELIVERED TO THE ADOT TRAFFIC OPERATIONS SUPPLY CENTER, 2104 S 22ND AVENUE, PHOENIX, ARIZONA. WHEN IT IS READY FOR DELIVERY, THE CONTRACTOR SHALL CONTACT VIC AUSBUN AT (602) 255-6675.
2. ALL EXISTING PULLBOXES AND FOUNDATIONS (NOT BEING USED) SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AS PER SECTION 202-3.04 AND SECTION 737-3.03 OF THE STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.
3. REMOVE AND DISPOSE OF ALL EXISTING CONDUITS AND CONDUCTORS NOT BEING USED, AS PER SECTION 737-3.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
4. SEE SIGNAL REVAMP SHEET, SHEET 3 OF 7, FOR ADDITIONAL INFORMATION CONCERNING EQUIPMENT TO REMAIN.

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1	MODIFIED NOTES	JRM	DATE: 2/11/04

	NAME	DATE
DESIGN		
DRAWN		
CHECKED		
SCALE		
PROJECT NO.		

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC ELECTRICAL DESIGN

LOCATION

ENGINEER

SHEET OF

TRACS NO.

___ OF ___