






















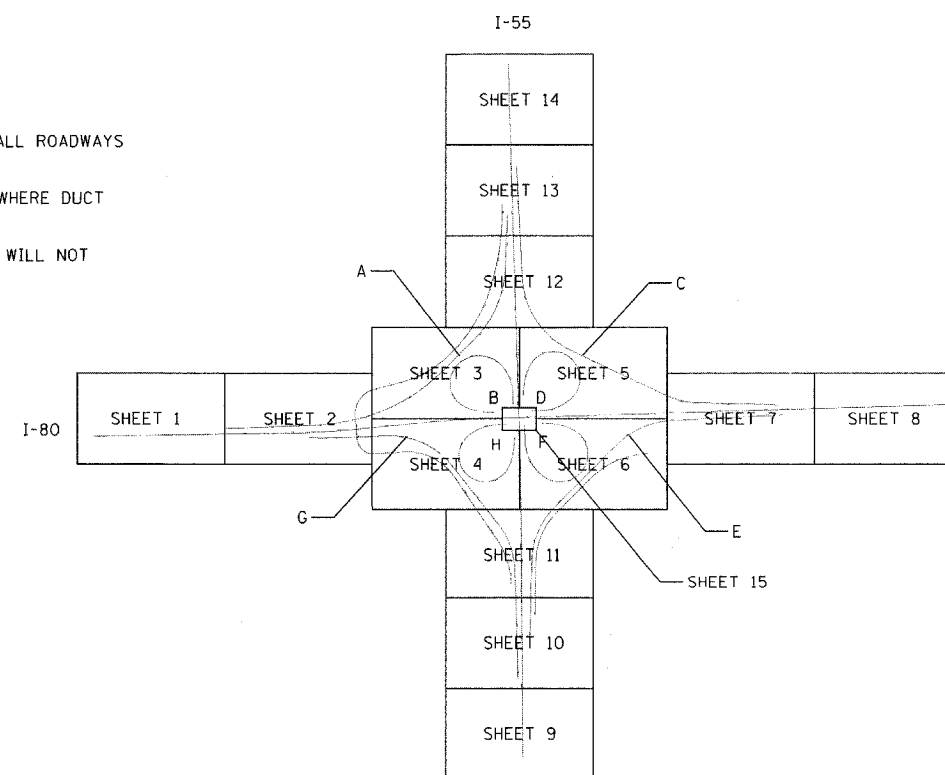
F.A.I. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80-55 99-1(K, BY&AC-B)		WILL	497	203
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 80906				

LIGHTING GENERAL NOTES

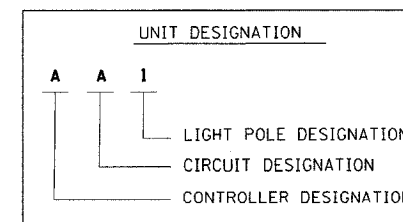
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE INSTALLATION, COMMISSION AND TESTING OF THE LIGHTING OF ALL MAINLINES, RAMPS AND UNDERPASSES INVOLVED FOR THE PROPOSED INTERCHANGE LIGHTING AS SHOWN ON THE PLANS.
- ALL LIGHT POLES ON BREAKAWAY DEVICES SHALL HAVE A MINIMUM SETBACK OF 20 FEET FROM THE EDGE OF TRAVELED PAVEMENT UNLESS NOTED OTHERWISE ON THE PLANS. ALL WOOD POLES AND TEMPORARY LIGHTING UNITS SHALL HAVE A MINIMUM SETBACK OF 30 FEET FROM THE EDGE OF TRAVELED PAVEMENT. ANY POLE THAT DOES NOT HAVE THE PROPER SETBACK SHALL BE RELOCATED BY THE CONTRACTOR TO PROVIDE THE PROPER SETBACK.
- SYSTEM VOLTAGE IS 240/480V, 3 WIRE, SINGLE PHASE.
- ALL CONDUIT PUSHES ARE SHOWN DIAGRAMMATICALLY ON THE PLANS. THE CONTRACTOR SHALL FOLLOW THE NEC FOR THE NUMBER OF BENDS IN A CONDUIT RUN. THE HAND HOLES SHOWN ON THE PLANS ARE FOR PULLING PURPOSES ONLY AND NO UNDERGROUND SPLICES WILL BE ALLOWED.
- CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES AND POSSIBLE CONFLICTS BEFORE TRENCHING AND AUGURING.
- THE FOLLOWING IS A LIST OF LIGHT POLE FOUNDATIONS IN POTENTIAL CONFLICT WITH ROCK AND SHALL BE PAID UNDER THE ROCK EXCAVATION FOR LIGHT POLE FOUNDATION. THIS LIST IS NOT NECESSARILY ALL INCLUSIVE.
 - I-80 WEST OF STA. 1920+00 & EAST OF 1955+00 (POLES P09, PG1, PH1, PB13, PA13, PB12, PA12, PB11, PE11, PF11, PE12, PM1)
 - RAMP C STA. 10+00 TO STA. 32+00 (POLES PN1, PM2, PN2, PM3, PN3, PM4, PN4, PM5, PN5)
 - RAMP E STA. 23+00 TO STA. 50+00 (POLES PF4, PE5, PF5, PE6, PF6, PE7, PF7, PE8, PF8, PE9, PF9, PE10)
 - RAMP F STA. 7+00 TO STA. 17+00 (POLES PA3, PB3, PA4, PN4, PA5, PB5)
- THE LISTED LOCATIONS BELOW ARE IN POTENTIAL CONFLICT WITH THE INSTALLATION OF THE UNIT DUCT DUE TO ROCK. TRENCH AND BACKFILL FOR ELECTRICAL WORK SHALL BE PAID FOR UNDER THE ROCK EXCAVATION PAY ITEM FOR THESE LOCATIONS ONLY. THIS LIST IS NOT NECESSARILY ALL INCLUSIVE.
 - RAMP C STA. 10+00 TO STA. 32+00 (1500 L.F.)
 - RAMP E STA. 23+00 TO STA. 50+00 (900 L.F.)
 - RAMP F STA. 7+00 TO STA. 17+00 (700 L.F.)
- ALL AERIAL CABLE SHALL MAINTAIN A MINIMUM CLEARANCE OF 25' OVER ALL ROADWAYS OR AS DIRECTED BY THE ENGINEER.
- UNIT DUCT SHALL HAVE A MINIMUM COVER OF AT LEAST 30", INCLUDING WHERE DUCT CROSSES DRAINAGE DITCHES.
- GROUND RODS WILL NOT BE REQUIRED FOR FOUNDATIONS WHERE BEDROCK WILL NOT ALLOW FOR THE NORMAL INSTALLATION OF A GROUND ROD.
- UNDER NO CIRCUMSTANCES WILL SPLICES BE ALLOWED IN HANDHOLES.

LEGEND

-  EXISTING HIGH MAST TOWER
-  LIGHT POLE ALUMINUM, 47.5FT MOUNTING HEIGHT, 8FT MAST ARM WITH 400W LUMINAIRE
-  GROUND ROD, 5/8" X 10FT
-  UNIT DUCT WITH 3-1/C #2 & 1/C #4 GROUND, 600V (EPR-TYPE RHW), 1/2" DIA. SCHEDULE 40 POLYETHYLENE
-  3 INCH RIGID GALVANIZED CONDUIT (RGC) PUSHED (P) OR TRENCHED (T), AS SHOWN ON PLANS
-  70W HPS UNDERPASS LUMINAIRE
-  PROPOSED LIGHTING CONTROLLER, RADIO CONTROLLED
-  PROPOSED OVERHEAD SIGN STRUCTURE-CANTILEVER
-  PROPOSED OVERHEAD SIGN STRUCTURE-TRUSS
-  PROPOSED OVERHEAD SIGN STRUCTURE-ATTACHED
-  JUNCTION BOX, STAINLESS STEEL, SIZE AS SHOWN ON PLANS
-  TEMPORARY LIGHTING UNIT
-  EXISTING TEMPORARY WOOD POLE
-  PROPOSED TEMPORARY WOOD POLE, 60', UNLESS OTHERWISE NOTED
-  HANDHOLE WITH GROUNDING CONNECTION
-  A/C — AERIAL CABLE, 3-1/C #2 WITH MESSENGER WIRE
-  A/C-E — EXISTING AERIAL CABLE
-  O/S — OFFSET FROM EDGE OF TRAVELED PAVEMENT
-  J_E — EXISTING JUNCTION BOX EMBEDDED IN PARAPET WALL
-  — UTILITY POLE
-  ● — 90' WOOD POLE WITH 15' MAST ARM & 750W HIGH MAST LUMINAIRE, 80' MOUNTING HEIGHT, UNLESS OTHERWISE NOTED



SHEET SEQUENCE FOR LIGHTING PLANS



NO UNDERGROUND SPLICING ALLOWED

REVISIONS	
NAME	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. 80 & F.A.I. 55 INTERCHANGE

**LIGHTING
GENERAL NOTES AND LEGEND**

SCALE: NONE
DATE: JANUARY, 2005

DRAWN BY: JMV
CHECKED BY: AC