

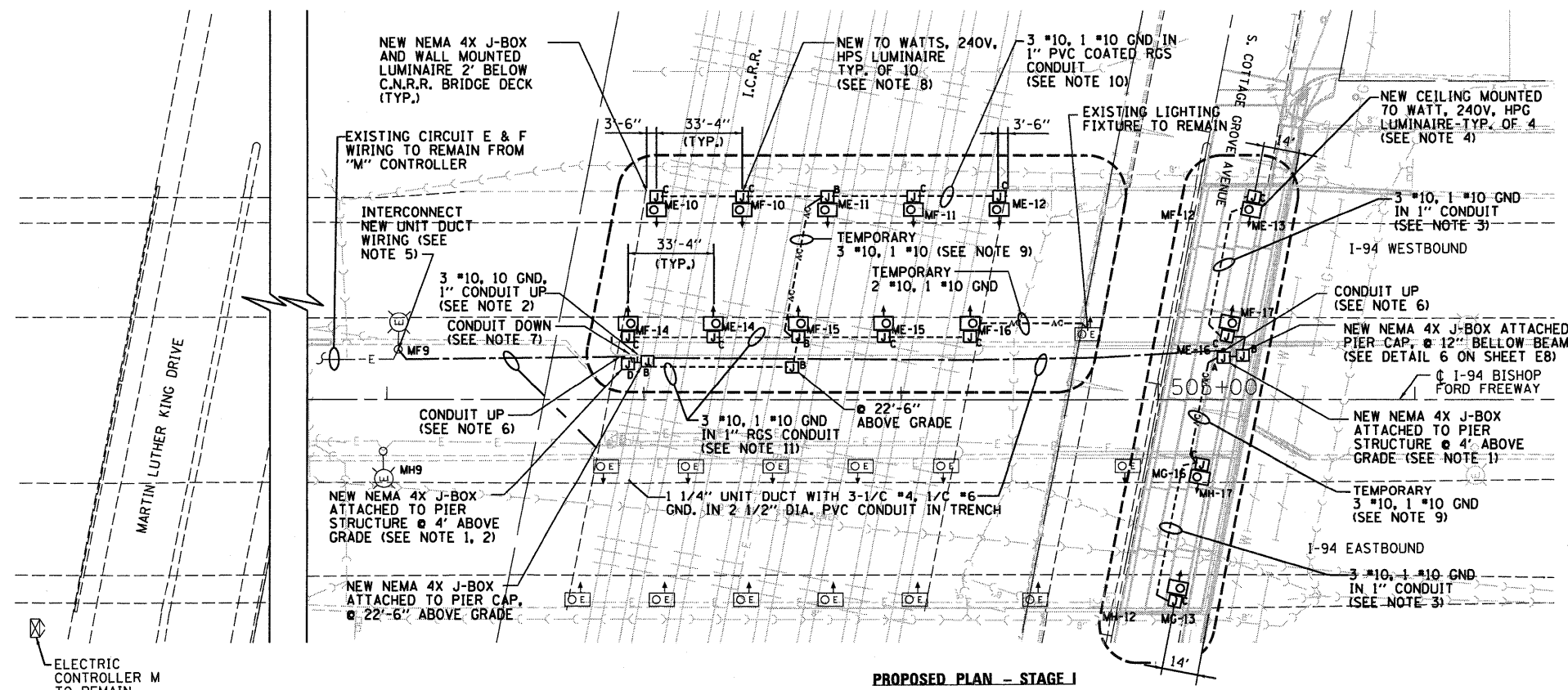
DEMOLITION PLAN - STAGE I

DEMOLITION PLAN NOTES:

1. PRIOR TO REMOVAL OF EXISTING WIRING, INSTALL NEW UNIT DUCT IN CONDUIT TO MINIMIZE THE POWER OUTAGE. PROVIDE TEMPORARY CIRCUIT CONNECTIONS FROM AVAILABLE CIRCUIT(S) FROM EXISTING POLE.
2. EXISTING UNDERGROUND CONDUIT, UNIT DUCT, WIRING AND ASSOCIATED JUNCTION BOX(S), FUSE(S), AND FUSE HOLDER(S) SHALL BE REMOVED.
3. REMOVE EXISTING CONDUIT(S) ATTACHED TO THE PIER STRUCTURE AT ABOUT 8'-6" ABOVE GRADE ON TOP OF THE CRASHWALL AND 23' ABOVE GRADE OVER THE PIER CAP OF BRIDGE STRUCTURE.
4. EXISTING LOW PRESSURE SODIUM (LPS) LIGHT FIXTURE(S), WALL MOUNTED AT ABOUT 23' ABOVE THE GRADE UNDER I.C.R.R. BRIDGE DECK SHALL BE REMOVED.
5. EXISTING LOW PRESSURE SODIUM (LPS) LIGHT FIXTURE(S), WALL MOUNTED AT ABOUT 16' ABOVE THE GRADE UNDER COTTAGE GROVE, BRIDGE DECK SHALL BE REMOVED.
6. EXISTING LUMINAIRE TO REMAIN. INTERCEPT EXISTING CIRCUIT AND PROVIDE TEMPORARY CIRCUIT WIRING AS INDICATED IN PROPOSED PLAN.
7. EXISTING CIRCUIT WIRING SHALL BE MAINTAINED TILL PROPOSED WIRING INSTALLED IN STAGING PLAN(S).

GENERAL NOTES:

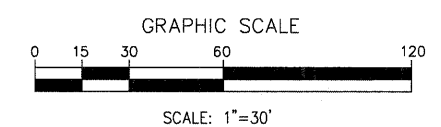
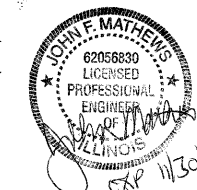
- A. TEST EXISTING CIRCUIT FOR OPERATION PRIOR TO ENERGIZE LIGHTING CIRCUIT FROM EXISTING CONTROLLER "M".
- B. MAINTAIN BRANCH CIRCUIT PROTECTION AND FUNCTIONALITY OF THE LIGHTING CIRCUITS BEFORE AND AFTER THE CONSTRUCTION.
- C. ALL EXISTING LUMINAIRE UNDER THE RAILROAD BRIDGE SHALL REMAIN IN SERVICE UNTIL PROPOSED LUMINAIRE(S) ARE OPERATIONAL.
- D. INDICATED UNDERPASS LUMINAIRE BELOW THE BRIDGE STRUCTURE OF THE COTTAGE GROVE ROAD AND I.C.R.R. SHALL BE REMOVED IN STAGES OF CONSTRUCTION, MAINTAIN CIRCUIT CONTINUITY FOR THE FIXTURES TO REMAIN OPERATIONAL DURING AND AFTER CONSTRUCTION.
- E. ALL J-BOXES) SHALL BE NEMA 4X, STAINLESS STEEL AND EXPOSED CONDUIT(S) SHALL BE PVC COATED RIGID STEEL CONDUIT. J-BOX SHALL INCLUDE FUSES AND FUSE HOLDERS AS INDICATED.
- F. TEMPORARY AERIAL CABLE SHALL BE INCLUDED IN PAY ITEM FOR PROTECTION AND MAINTENANCE OF UNDERPASS LIGHTING.



PROPOSED PLAN - STAGE I

PROPOSED PLAN NOTES:

1. INCOMING UNIT DUCT WIRING 3 1/2" x 4, 1/2" x 6 TO BE SPliced AND TAP 3 #10, 1 #10 GND FOR LIGHTING CIRCUIT. PROVIDE TWO POLE, 30AMP FUSE HOLDERS FOR PHASE CONDUCTOR E & F. EXTEND LIGHTING CIRCUIT WIRING TO LIGHTING UNIT(S). FUSES AND FUSE HOLDERS SHALL BE INCLUDED IN PAY ITEMS FOR JUNCTION BOXES.
2. EXTEND LIGHTING CIRCUIT WIRING FOR NEW UNDERPASS BRIDGE LIGHTING.
3. EXPOSED CONDUIT SHALL BE ATTACHED TO BEAM STRUCTURE UNDER THE BRIDGE DECK. 4. CEILING MOUNTED FIXTURE(S) SHALL BE CENTERED BETWEEN THE BEAMS AND MOUNTED 2" FROM THE EDGE OF THE PAVEMENT. REFER TO IDOT STANDARDS, BE-900 FOR J-BOX AND LIGHT FIXTURE INSTALLATION DETAILS. INSTALLATION DETAILS.
5. REFER TO IDOT STANDARD DETAIL BE 702 FOR CIRCUIT CONNECTION DETAILS FOR UNIT DUCT WIRING. DISCONNECTION AND RECONNECTION SHALL BE INCLUDED IN PAY ITEMS WITH UNIT DUCT.
6. EXTEND 1 1/4" UNIT DUCT WITH 3-1/2" x 4, 1 #6 GND IN A 2 1/2" PVC COATED CONDUIT FROM FINISHED GRADE LEVEL TO JUNCTION BOX.
7. EXTEND 1 1/2" UNIT DUCT WITH 3-1/2" x 4, 1 #6 GND IN A 2 1/2" PVC COATED CONDUIT FROM JUNCTION BOX TO FINISHED GRADE LEVEL.
8. NEW WALL MOUNTED FIXTURES SHALL BE INSTALLED @ 22'-6" ABOVE GRADE AND J-BOX @ 12" ABOVE THE FIXTURE. MAKE FINAL CONNECTIONS TO EACH LIGHT FIXTURE USING 2 #10, 1 #10 GROUND IN 1" PVC COATED CONDUIT. REFER TO SHEET E-7 FOR CIRCUIT WIRING, SINGLE LINE DETAILS.
9. TEMPORARY AERIAL CABLE SHALL BE SUPPORTED OF THE BEAM STRUCTURE.
10. EXPOSED CONDUIT AND J-BOX SHALL BE INSTALLED ON ABUTMENT WALL STRUCTURE, 6" FROM THE TOP OF THE LUMINAIRE. PROVIDE CONDUIT SUPPORTS @ 5' O.C.
11. EXPOSED CONDUIT SHALL BE INSTALLED ON PIER STRUCTURE. PROVIDE CONDUIT SUPPORTS @ 5' O.C.



FILE NAME = ... \DI-68F65-sh1030-11gh15.dgn	DESIGNED - PD	REVISED -	<p>300 WEST FULLTON STREET CHICAGO, ILLINOIS 60611-1256</p> <p>TEL 312 454 9100 FAX 312 559 1217 WEB www.sepsteingroup.com</p>	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p>ELECTRICAL LIGHTING STAGING PLAN 1-94 BISHOP FORD FREEWAY</p> <p>SCALE: 1" = 30' SHEET NO. 5 OF 11 SHEETS STA. 502+24.35 TO STA. 506+54.26</p>		F.A.I. RTE. 94	SECTION 1314B-1	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 30
PLOT TIME = 8:36:33 AM	DRAWN - AP/DRN	REVISED -				CONTRACT NO. 60F65				
PLOT DATE = 7/19/2010	CHECKED - PD/JM	REVISED -				ILLINOIS FED. AID PROJECT				
	DATE - 07/19/2010	REVISED -								