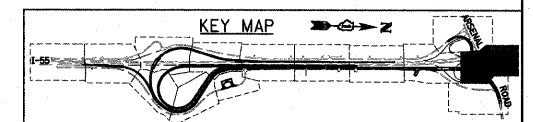
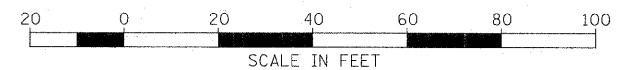


NOTES:

1. SEE DRAWING GE-1 FOR ELECTRICAL SYMBOL LIST AND ABBREVIATIONS. SEE DRAWING GE-2 FOR ELECTRICAL GENERAL NOTES AND SUGGESTED LIGHTING PHASING NOTES.
2. STATION AND OFFSET IN THIS CHART IS TO THE CENTER OF THE LUMINAIRE.
3. FURNISH AND INSTALL JUNCTION BOXES FOR EACH UNDERPASS LUMINAIRE AS SHOWN ON THIS DRAWING AND IDOT STANDARD DRAWING BE-900. MOUNT JUNCTION BOXES UNDERNEATH BRIDGE DECK, CENTERED ABOVE UNDERPASS LUMINAIRE LOCATIONS. THIS WORK SHALL BE INCLUDED IN THE "JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6"x6"x4" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
4. FURNISH AND INSTALL UNDERPASS LUMINAIRES AS SHOWN ON THIS DRAWING AND IDOT STANDARD DRAWING BE-900. INCLUDE UNDERPASS LUMINAIRE HANGER ASSEMBLY COMPLETE WITH HEAVY DUTY ANCHORS/INSERTS, ALL APPLICABLE HARDWARE, 3/4" CONDUIT, AND 3/4" FLEXIBLE CONDUIT. FLARED LOOP INSERTS MUST BE CAST INTO THE CONCRETE DECK. LOCATE AND COORDINATE THE INSERT LOCATIONS WITH THE BRIDGE DECK CONTRACTOR. FURNISH AND INSTALL LUMINAIRE NUMBERING DECAL BRACKET AND DECAL. THIS WORK SHALL BE INCLUDED IN THE "UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR, STAINLESS STEEL HOUSING" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
5. BRIDGE JUNCTION BOX. SEE DRAWING ED-4 FOR INSTALLATION DETAILS. JUNCTION BOX CONTAINS 30A FUSES AND SOLID SLUG FOR NEUTRAL CONDUCTOR. SEE DRAWING UL-1 FOR TYPICAL UNDERPASS LIGHTING UNIT WIRING DIAGRAM. THIS WORK SHALL BE INCLUDED IN THE "JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42"x36"x12" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
6. ROUTE CONDUIT FROM UNDERPASS LUMINAIRE TC10 JUNCTION BOX DOWN EAST FACE OF PIER TO JUNCTION BOX. ROUTE CONDUIT FROM UNDERPASS LUMINAIRE TD9 JUNCTION BOX DOWN WEST FACE OF PIER TO JUNCTION BOX. CONNECT JUNCTION BOXES ON PIER TO EACH OTHER WITH CONDUIT ROUTED THROUGH OPEN AREA OF PIER FROM ONE SIDE TO THE OTHER. INCLUDE ALL PVC COATED CONDUIT CLAMPS OR BEAM CLAMPS.

UNDERPASS FIXTURE NUMBER	UNDERPASS FIXTURE LOCATION (NOTE 2)		
	ROADWAY	STATION	CL OFFSET
TC9	W. CONNECTOR	6087+97	4'-1 1/2" RT
TD9	W. CONNECTOR	6088+40	4'-1 1/2" RT
TC10	W. CONNECTOR	6088+76	4'-1 1/2" RT
TD10	W. CONNECTOR	6089+13	4'-1 1/2" RT



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 180 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D160F12-SHT-UL-2.dgn	USER NAME = TK1uegel	DESIGNED - DRAWN - CJM	REVISED - REVISED -
	PLDT SCALE = 1:20	CHECKED -	REVISED -
	PLDT DATE = 3/7/2011	DATE = 2/4/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 AT ARSENAL ROAD
WEST FRONTAGE CONNECTOR BRIDGE
UNDERPASS LIGHTING PLAN

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	405
CONTRACT NO. 60F12				

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT