

NOTES:

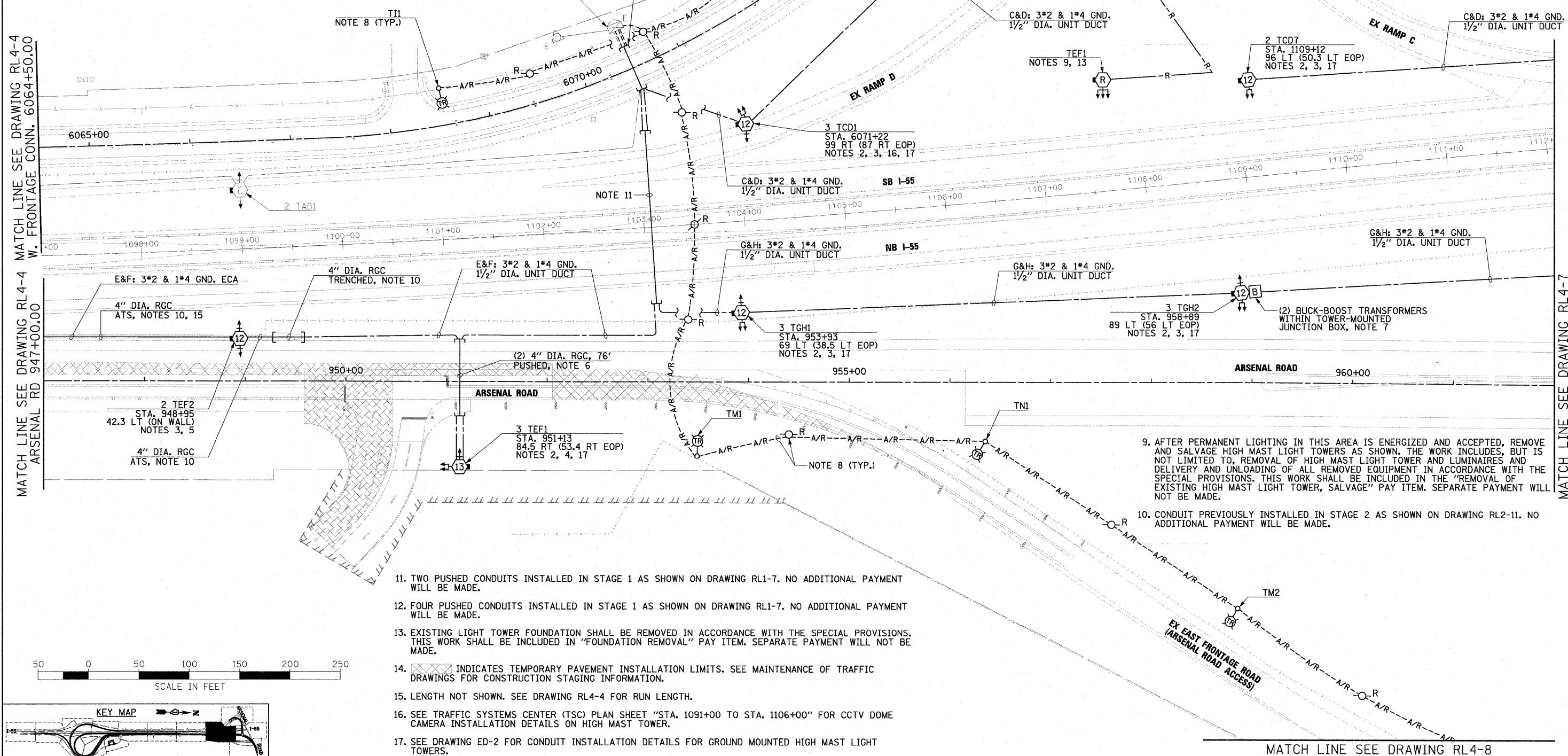
- SEE DRAWING GE-1 FOR ELECTRICAL SYMBOL LIST AND ABBREVIATIONS. SEE DRAWING GE-2 FOR ELECTRICAL GENERAL NOTES AND SUGGESTED LIGHTING PHASING NOTES.
- FURNISH AND INSTALL HIGH MAST LIGHT TOWER FOUNDATIONS SHOWN. INCLUDE GROUND WELLS, GROUND RODS, GROUND WIRE, ANCHOR BOLTS, AND LIGHT TOWER SERVICE PAD. SEE DRAWINGS S-2 THROUGH S-5, AND ED-9 FOR HIGH MAST LIGHT TOWER FOUNDATION DETAILS. EXCEPT FOR THE LIGHT TOWER SERVICE PAD, THIS WORK SHALL BE INCLUDED IN THE "LIGHT TOWER FOUNDATION, 54" DIAMETER" PAY ITEM.
- SEE IDOT STANDARD DRAWINGS BE-505a, BE-505b, AND BE-505c FOR HIGH MAST LIGHT TOWER INSTALLATION DETAILS. THIS WORK SHALL BE INCLUDED IN "LIGHT TOWER, 120 FOOT MOUNTING HEIGHT, LUMINAIRE MT. - 12" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- SEE IDOT STANDARD DRAWINGS BE-505a, BE-505b, AND BE-505c FOR HIGH MAST LIGHT TOWER INSTALLATION DETAILS. THIS WORK SHALL BE INCLUDED IN "LIGHT TOWER, 130 FOOT MOUNTING HEIGHT, LUMINAIRE MT. - 12" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- SEE DRAWINGS RL2-11 AND RL3-8 FOR ADDITIONAL WORK ASSOCIATED WITH WALL MOUNTED LIGHT TOWER FOUNDATIONS AND CONDUIT INSTALLATION.
- EXTEND CONDUIT SLEEVE A MINIMUM OF 2 FEET BEYOND THE SHOULDER.

- BUCK-BOOST TRANSFORMERS TO BE INSTALLED AT THE DISCRETION OF THE ENGINEER. AFTER HIGH MAST LIGHT TOWERS 4 TGH3, 3 TGH4, 2 TGH5, AND 2 TGH6, SHOWN ON DRAWING RL4-7, AND 2 TGH7, 2 TGH8, AND 2 TGH9, SHOWN ON DRAWING RL4-8, ARE INSTALLED, THE CONTRACTOR SHALL TEST THE CIRCUITS BEFORE THE BUCK-BOOST TRANSFORMERS ARE INSTALLED IN CASE COMED IS PROVIDING VOLTAGE SIGNIFICANTLY HIGHER THAN EXPECTED AND THE BUCK-BOOST TRANSFORMER INSTALLATION CAN BE OMITTED. SHOULD THE ENGINEER DETERMINE THAT BUCK-BOOST TRANSFORMERS ARE REQUIRED, SEE DRAWING ED-5 FOR BUCK-BOOST TRANSFORMER INSTALLATION DETAILS. TESTING OF THE CIRCUITS TO DETERMINE IF BUCK-BOOST TRANSFORMERS ARE NECESSARY SHALL BE CONSIDERED INCIDENTAL TO THE COST OF RELATED CABLE PAY ITEM. IF BUCK-BOOST TRANSFORMERS ARE REQUIRED, THE BUCK-BOOST TRANSFORMER, OVERCURRENT PROTECTION DEVICES, ENCLOSURE, WIRING, AND ALL INCIDENTALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE INCLUDED IN THE "BUCK-BOOST TRANSFORMER, 1.5KVA, 240V PRIMARY, 24V SECONDARY" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- AFTER PERMANENT LIGHTING IN THIS AREA IS ENERGIZED AND ACCEPTED, DISCONNECT AND REMOVE THE TEMPORARY LIGHTING SYSTEM SHOWN. THE WORK INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF AERIAL CABLES, ALL TEMPORARY POLES, ALL MAST ARMS, LUMINAIRE MOUNTING BRACKETS AND ALL LUMINAIRES. THIS WORK SHALL BE INCLUDED IN THE "REMOVAL OF LIGHTING UNIT, SALVAGE" PAY ITEM. REMOVAL OF WOOD LIGHT POLE FOUNDATION WILL BE PAID SEPARATELY UNDER "REMOVAL OF POLE FOUNDATION" PAY ITEM.

MATCH LINE SEE DRAWING RL4-4
W. FRONTAGE CONN. 6064+50.00

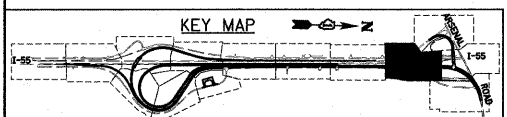
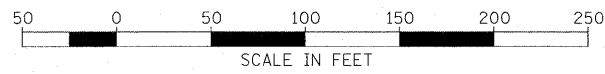
MATCH LINE SEE DRAWING RL4-4
ARSENAL RD 947+00.00

MATCH LINE SEE DRAWING RL4-7
ARSENAL RD STA. 962+00.00



- TWO PUSHED CONDUITS INSTALLED IN STAGE 1 AS SHOWN ON DRAWING RL1-7. NO ADDITIONAL PAYMENT WILL BE MADE.
- FOUR PUSHED CONDUITS INSTALLED IN STAGE 1 AS SHOWN ON DRAWING RL1-7. NO ADDITIONAL PAYMENT WILL BE MADE.
- EXISTING LIGHT TOWER FOUNDATION SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THIS WORK SHALL BE INCLUDED IN "FOUNDATION REMOVAL" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- XXXXX INDICATES TEMPORARY PAVEMENT INSTALLATION LIMITS. SEE MAINTENANCE OF TRAFFIC DRAWINGS FOR CONSTRUCTION STAGING INFORMATION.
- LENGTH NOT SHOWN. SEE DRAWING RL4-4 FOR RUN LENGTH.
- SEE TRAFFIC SYSTEMS CENTER (TSC) PLAN SHEET "STA. 1091+00 TO STA. 1106+00" FOR CCTV DOME CAMERA INSTALLATION DETAILS ON HIGH MAST TOWER.
- SEE DRAWING ED-2 FOR CONDUIT INSTALLATION DETAILS FOR GROUND MOUNTED HIGH MAST LIGHT TOWERS.

- AFTER PERMANENT LIGHTING IN THIS AREA IS ENERGIZED AND ACCEPTED, REMOVE AND SALVAGE HIGH MAST LIGHT TOWERS AS SHOWN. THE WORK INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF HIGH MAST LIGHT TOWER AND LUMINAIRES AND DELIVERY AND UNLOADING OF ALL REMOVED EQUIPMENT IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THIS WORK SHALL BE INCLUDED IN THE "REMOVAL OF EXISTING HIGH MAST LIGHT TOWER, SALVAGE" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- CONDUIT PREVIOUSLY INSTALLED IN STAGE 2 AS SHOWN ON DRAWING RL2-11. NO ADDITIONAL PAYMENT WILL BE MADE.



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FILE NAME = D:\60F12-SHT-RL4-5.dgn	USER NAME = TK1uegel	DESIGNED - JLW	REVISED -
PLDT SCALE = 1:50	PLDT DATE = 3/3/2011	DRAWN - CJM	REVISED -
		CHECKED - KMY	REVISED -
		DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-55 AT ARSENAL ROAD
PROPOSED ROADWAY LIGHTING PLAN-STAGE 4**

SCALE: 1" = 50' SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	386
CONTRACT NO. 60F12			ILLINOIS FED. AID PROJECT	