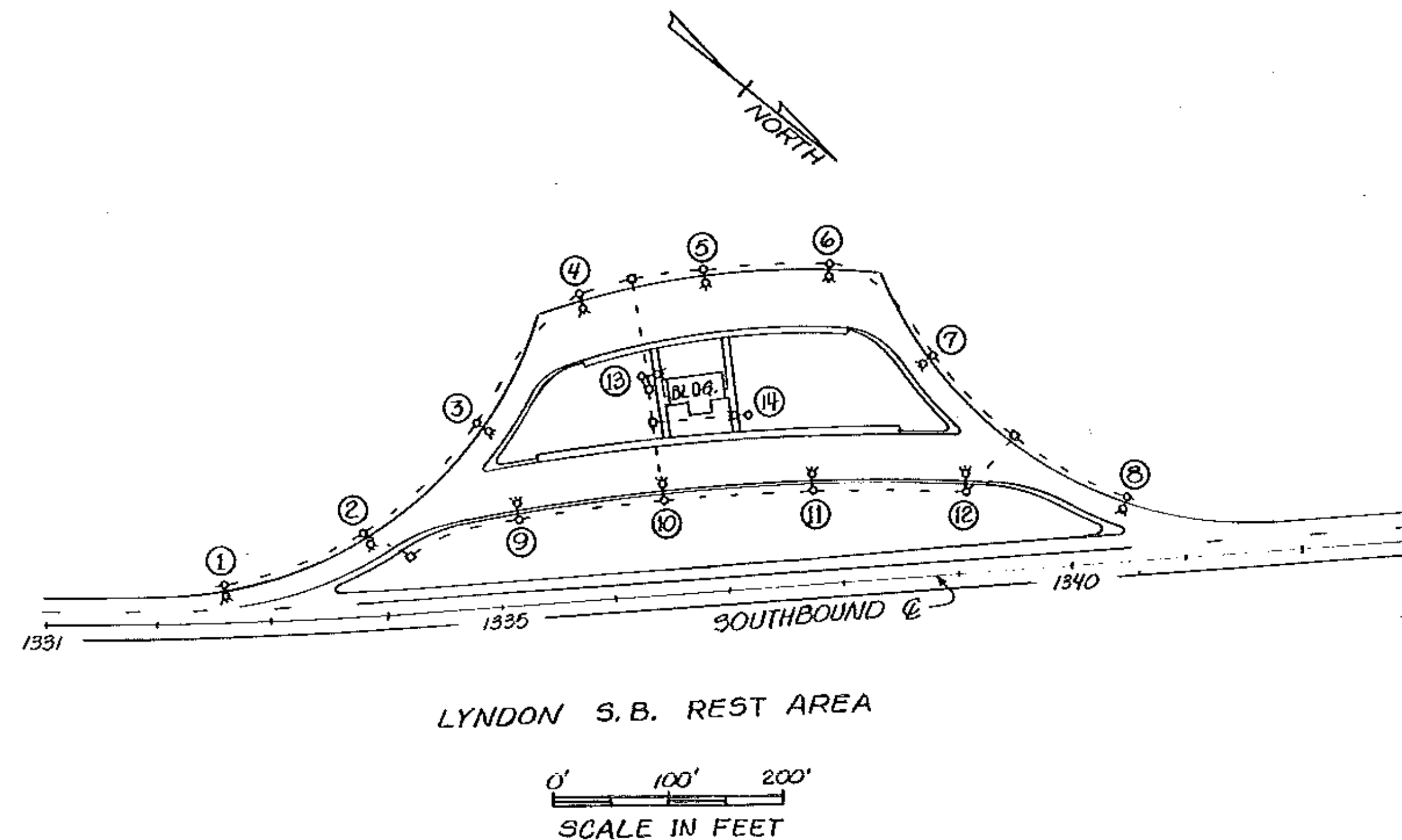




LYNDON S.B. REST AREA							
POLE NO.	LOCATION	OFF-SET	LENGTH OF POLE	ARM	LUMINAIRE WATTS TYPE	MOUNTING HEIGHT	REMARKS
1	1332 ± 60	±38	28' ±	8'	100W MC III	30'	COMPLETE NEW INSTALLATION (BREAKAWAY)
2	1333 ± 82	±78'	28' ±	8'	100W MC III	30'	COMPLETE NEW INSTALLATION
3	EXISTING		EXISTING		100W MC III	EXISTING	
4	"		"		150W MC III	"	
5	"		"		"	"	
6	"		"		"	"	
7	"		"		100W MC III	"	
8	1340 ± 53	±61'	28' ±	8'	100W MC III	30'	COMPLETE NEW INSTALLATION
9	EXISTING		EXISTING		150W MC III	30'	
10	"		"		"	"	
11	"		"		"	"	
12	"		"		"	"	
13	"		"		"	"	
14	"		"		"	"	

COVENTRY N.B. REST AREA							
POLE NO.	LOCATION	OFF-SET	LENGTH OF POLE	ARM	LUMINAIRE WATTS TYPE	MOUNTING HEIGHT	REMARKS
1	EXISTING		EXISTING		100W MC III	EXISTING	
2	"		"		"	"	
3	"		"		"	"	
4	"		"		"	"	
5	"		"		150W MC III	"	
6	"		"		"	"	
7	"		"		"	"	
8	"		"		100W MC III	"	
9	"		"		"	"	
10	"		28' ±	8'	"	30'	NEW POLE, TRUSS ARM & LUMNAIRE
11	"		EXISTING		"	EXISTING	
12	"		"		"	"	
13	"		"		150W MC III	"	
14	"		"		"	"	
15	"		"		"	"	
16	"		"		"	"	
17	"		"		"	"	
18	"		"		150W MC III	"	
19	"		"		2x150W MC III	"	

WORK TO BE PERFORMED BY THE CONTRACTOR

THE CONTRACTOR SHALL:

- PERFORM AN INSULATION TEST ON EXISTING NON-GROUNDED CONDUCTORS (INCLUDING NEUTRAL). IF READING IS AROUND ONE MEGOHM OR LESS, A) LOCATE BAD SEGMENT, B) CONTACT TRAFFIC AND SAFETY SECTION WITH THE READINGS ON THE REST OF CIRCUITRY FOR A DETERMINATION FOR EXTENT OF REPLACEMENT OF WIRING AND/OR CONDUIT.
- PERFORM A RESISTANCE TO GROUND TEST AT SPECIFIED GROUNDS, 25 OHMS OR LESS ACCEPTABLE.
- FURNISH THE TRAFFIC AND SAFETY SECTION VIA THE RESIDENT ENGINEER, INSULATION TEST READINGS ON THE EXISTING AND NEW (IF REQUIRED) ELECTRICAL SYSTEM, RESISTANCE TO GROUND READINGS AT SPECIFIED GROUNDS, VOLTAGE READINGS AT CIRCUIT BREAKERS AND IF CIRCUIT LENGTH IS OVER 1000 FEET IN LENGTH FURNISH A VOLTAGE READING (WITH FULL LOAD) AT END OF CIRCUITS.
- DISCONNECT AND REMOVE EXISTING LUMNAIRES, INSTALL NEW LUMNAIRES AS PER PLAN, STOCKPILE OLD LUMNAIRES FOR PICK UP BY DISTRICT FORCES.
- REPAIR OR REPLACE ANY FAULTY MATERIAL WHICH MAY HAMPER THE SAFETY OR OPERATION OF THE COMPLETED LIGHTING SYSTEM.
- REPLACE BOLT AND HANDHOLE COVERS AND STAINLESS STEEL HARDWARE AS REQUIRED, FOR POLES AND PULLBOXES.
- PULL EXISTING POLES AS REQUIRED USING STAINLESS STEEL OR GALVANIZED STEEL SHIMS.
- INSTALL METAL TAGS TO THE EXISTING POLES WITH INFORMATION AS INDICATED IN THE NOTES.
- (COVENTRY) AT POLE LOCATION #10, INSTALL NEW POLE, 8' TRUSS ARM, LUMNAIRE AND OTHER RELATED EQUIPMENT. NEW POLE AND ARM TO BE EITHER, REPLACEMENT IN KIND OR SAME MATERIAL SPECIFICATIONS AND APPEARANCE AS EXISTING.
- (COVENTRY) POLES #1 AND #12 SHALL HAVE BREAKAWAY COUPLINGS INSTALLED BETWEEN POLE BASE AND CONCRETE BASE.
- (LYNDON) AT POLE LOCATIONS #1, #2 AND #8, INSTALL NEW POLE, 8' ARMS, LUMNAIRES AND OTHER RELATED EQUIPMENT. NEW POLES AND ARMS TO BE EITHER, REPLACEMENT IN KIND OR SAME MATERIAL SPECIFICATIONS AND APPEARANCE AS EXISTING. AT THE ABOVE THREE POLE LOCATIONS, INSTALL CONDUIT SEALING BUSHINGS TO KEEP WATER OUT OF THE CONDUITS.
- (LYNDON) AT POLES #1 AND #8 INSTALL BREAKAWAY COUPLINGS BETWEEN CONCRETE BASE AND POLE BASE.

ALL THE ABOVE WORK, INCLUDING ELECTRICAL CIRCUIT TESTING, WHICH IS NOT PAID FOR UNDER A SEPARATE ITEM NUMBER, SHALL BE PAID FOR UNDER ITEM 679.15, STREET LIGHTING(M&D).

GENERAL NOTES

ALL STREET LIGHT POLES SHALL HAVE A METAL TAG ATTACHED TO THE HANDHOLE WITH THE POLE NUMBER, WATTAGE, TYPE OF LAMP AND DISTRIBUTION. EXAMPLE, #2-150W-HPS-III. MINIMUM LETTER SIZE IS 1/2" HIGH. PAYMENT FOR TAGS WILL BE SUBSIDIARY TO ITEM 679.15, STREET LIGHTING.

(SEE DETAILS ON SHEET # 2)

COVENTRY & LYNDON
I-91 REST AREAS NB.&SB.

STREET LIGHTING,
DESIGN CRITERIA
AND
GENERAL NOTES

PREPARED BY R. DAVIS DATE 4-88
CHECKED BY _____ DATE _____
DESIGN SUPERVISOR DAR DATE _____
PROJ. STATEWIDE IR LITE (2)
TRAFFIC SHEET NO. 5 OF 7
SHEET 5 OF 18 SHEETS

