



**ABBREVIATIONS**

A	AMPS
DIA	DIAMETER
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
DCO	DUPLEX CONVENIENCE OUTLET
GND	GROUND
FT	FEET
HPS	HIGH PRESSURE SODIUM
IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION
LT	LEFT
MH	MOUNTING HEIGHT
P	PUSHED
PC	PHOTOCELL CONTROL
PH	PHASE
PTZ	PAN / TILT / ZOOM
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL
RT	RIGHT
STA	STATION
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
W	WATTS
W	WIRES

**GENERAL NOTES - ROADWAY LIGHTING**

1. SPlicing OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY. SPlices BELOW GRADE WILL NOT BE PERMITTED.
2. LIGHTING CIRCUITS SHALL BE WIRED IN ACCORDANCE WITH THE PLANS. DEVIATIONS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING (DECORATIVE ROCKS, PLANTS, ETC.).
4. ALL WORK SHALL CONFORM TO THE LATEST LAKE COUNTY DOT, IDOT, IDOT DISTRICT 1 STANDARDS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, AND THE NATIONAL ELECTRICAL SAFETY CODE.
5. BURIED UTILITY LOCATIONS SHOWN ON THE PLAN SHEETS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UTILITIES BEFORE STARTING WORK.
6. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED AND LABELED.
7. ALL CONDUITS SHALL BE SEALED.
8. ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFICATION.
9. ALL LAMPS SHALL BE 250W HPS AND SHALL BE FURNISHED AS PART OF THE CONTRACT.
10. CIRCUITS SHALL BE TESTED PER SPECIFICATION.
11. THE LOCATIONS OF ALL PROPOSED EQUIPMENT ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET THE APPROVAL OF THE ENGINEER.
12. ALL MEASUREMENTS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY MEASUREMENTS IN THE FIELD.
13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTING INSTALLATIONS AND DATA PRIOR TO BIDDING.
14. THE CONTRACTOR MUST MAINTAIN SAFE EQUIPMENT AND WORKING CLEARANCES FROM THE EXISTING COMED OVERHEAD ELECTRIC LINES. THE CONTRACTOR SHALL PLAN HIS WORK CONSIDERING COMED'S LINES TO BE IN SERVICE AND ENERGIZED THROUGHOUT THE CONSTRUCTION PERIOD.
15. GROUNDING CONDUCTORS SHALL BE CONTINUOUS.
16. ALL NEW UNIT DUCTS AND UNDERGROUND CONDUITS SHALL BE PLACED A MINIMUM OR 30" BENEATH THE GROUND SURFACE (FINAL GRADE), UNLESS NOTED OTHERWISE.

**ROADWAY LIGHTING SHEET INDEX**

SHEET NO.	TITLE
LT-01	GENERAL NOTES, LEGEND, SHEET INDEX
LT-02	SCHEDULE OF QUANTITIES
LT-03	PROPOSED LIGHTING PLAN
LT-04	PROPOSED LIGHTING PLAN
LT-05	WIRING DIAGRAM

**DETAILS**

SHEET NO.	IDOT DIST 1 DETAIL NO.	TITLE
LT-06	-	PTZ CAMERA & WIRELESS TRANSMISSION DETAILS
LT-07	BE-215*	LIGHTING CONTROLLER "A" SINGLE DOOR
LT-07A	-	LIGHTING CONTROLLER "LINCOLNSHIRE"
LT-08	BE-220	ELECTRIC SERVICE INSTALLATION, AERIAL, REMOTE DISCONNECT
LT-09	BE-301	LIGHT POLE FOUNDATION, 40' TO 47'-6"
LT-10	BE-702	MISC. DETAILS, SHEET A - CABLE SPLICE, POLE WIRING, TRENCH DETAIL

\* MODIFIED

**ROADWAY LIGHTING LEGEND**

DESCRIPTION	PROPOSED	EXISTING
LIGHT UNIT HPS 250W, 30' MH, 8' SINGLE MAST ARM A - CIRCUIT A 1 - POLE #1		
LIGHTING CONTROLLER		
UNIT DUCT		
RIGID GALVANIZED STEEL CONDUIT, PUSHED CONTAINING PULLED-IN UNIT DUCT		
CONDUIT, IN TRENCH		
RIGHT OF WAY		
GROUND ROD		
ELEC UTILITY POLE		
PTZ CAMERA		
LED ACCENT LIGHT FIXTURE, 120V		

REVISIONS / REMARKS					
NO.	DESCRIPTION	DATE	BY	DESIGNED BY:	DL
		/ /		CHECKED BY:	IB
		/ /		DATE:	01/22/10

SPAAN Tech, Inc.  
311 South Wacker Drive, Suite 2400  
Chicago, IL 60606  
phone: 312.377.8800  
fax: 312.377.8804  
web: www.spaan-tech.com

**HDR** 30 N LaSalle Street, Suite 3220  
Chicago, IL 60602  
312-443-4900  
HDR Engineering, Inc.

**Lake County**  
Division of Transportation

**RIVERWOODS AND EVERETT ROADS**  
**GENERAL NOTES, LEGEND, AND SHEET INDEX**

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH	136	04-00136-06-CH	63	107

FILE NAME:

LT-01  
63415