LIGHTING PLAN/ TABLE OF CONTENTS

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- L2. EXISTING/PROPOSED LIGHTING PLAN
- L3. ALUMINUM LIGHT POLE
- L4A. LIGHT POLE FOUNDATION

RED

(AMPS)

16.0

CIRCUIT

С

D

BLACK

(AMPS)

16.0

LOAD

(VA)

3840

3840

- LAB. LUMINAIRE SAFETY CABLE ASSEMBLY
- L4C. MISC. ELECTRICAL DETAILS, SHEET A

LEGEND

- EXISTING LIGHT POLE & FOUNDATION
- o—Œ REL RELOCATED EXISTING LIGHTING UNIT
 - UTILITY POWER POLE EXISTING
 - GROUND ROD 58 INCH DIAMETER X 10 FEET
 - \Rightarrow PROPOSED 400W HPS TYPE MCIII ROADWAY LUMINAIRE ON BLACK CABLE
 - PROPOSED 400W HPS TYPE MCIII ROADWAY LUMINAIRE ON RED CABLE
- RELOCATED EXISTING LIGHTING UNIT ON RED CABLE
- UNIT DUCT. SEE PLAN SHEET FOR SIZES.
- LT LEFT OF CENTER-LINE STATIONING, (VIEWED IN THE DIRECTION OF INCREASE STATION NUMBERS.)
- RT RIGHT OF CENTER-LINE STATIONING. (VIEWED IN THE DIRECTION OF INCREASE STATION NUMBERS.)
- MOUNTING HEIGHT
- MAST ARM
- ROW

ROW-OF-WAY

LUMINAIRE PERFORMANCE TABLE

ILLUMINANCE		LUMINANCE			
E_{AVG}	E _{AVG} /E _{MIN}	LAVG	LAVG/LMIN	LMAX/LMIN	L _V /L _{AVG}
1.2 fc	3.0	0.8	3.0	5.0	0.3

GENERAL NOTES / LIGHTING PLAN

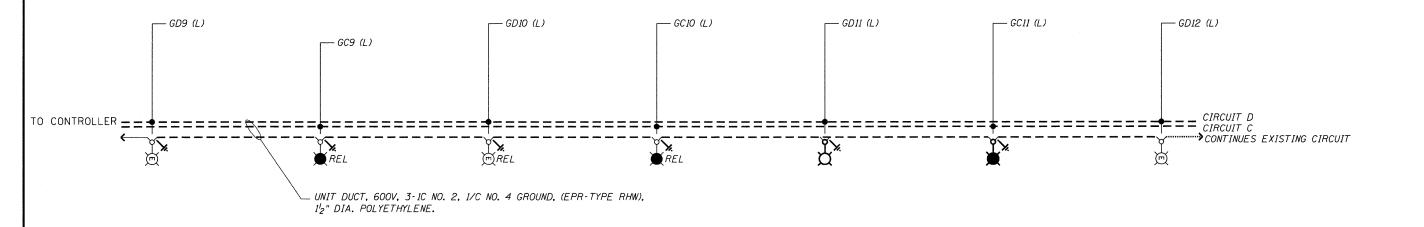
- 1. ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE STATE AND LOCAL CODES.
- 2. THE CONTRACTOR IS TO VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES BEFORE BEGINNING ANY TRENCHING OR AUGERING OPERATIONS.
- 3. PRIOR TO INSTALLING LIGHT STANDARDS NEAR ANY EXISTING OVERHEAD ELECTRICAL FACILITIES, THE CONTRACTOR IS TO NOTIFY COMED OF THE WORK IN PROGRESS, AND OBTAIN COMED'S APPROVAL OF LOCATION.
- 4. FOR LOCATION OF ANY UNDERGROUND ELECTRICAL FACILITIES, THE CON-TRACTOR IS TO NOTIFY COMED OF THE WORK IN PROGRESS, AND OBTAIN COMED'S APPROVAL OF LOCATION
- 5. UNIT DUCT, 600V, 3-IC NO. 2, I/C NO. 4 GROUND, (EPR-TYPE RHW), I'2" DIA. POLYETHYLENE.

NOTES /ONE LINE DIAGRAM

- 1. LINE VOLTAGE IS 240/480V SINGLE PHASE THREE WIRE.
- 2. ALL POLE FIXTURES ARE 400W, 240V, HIGH PRESSURE SODIUM.

ONE LINE DIAGRAM





JSER NAME = \$USER\$ DESIGNED - MJY & ST REVISED DRAWN - ST REVISED CONSULTING ENGINEERS
1560 WALL ST, SUITE 222

PYILLE, ILLINOIS 60563 PH; (630) 577-9100 PLOT DATE = \$DATE\$ PLOT SCALE = #SCALE# CHECKED - WHE REVISED 07/08/2009 REVISED DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

LIGHTING DETAILS, NOTES AND LEGEND I-80 RAMP (EASTBOUND TO NORTH BOUND I-57) SHEET NO. 2 OF 4 SHEETS STA. TO STA.

SECTION COUNTY 80 (95-5-1, ETC, 1819-824) RS-2 WILL & COOK 80 35 C-91-145-09 CONTRACT NO. 60F61