









LIGHTING PLAN/ TABLE OF CONTENTS

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- L2. EXISTING/PROPOSED LIGHTING PLAN
- L3. ALUMINUM LIGHT POLE
- L4A. LIGHT POLE FOUNDATION
- L4B. LUMINAIRE SAFETY CABLE ASSEMBLY
- L4C. MISC. ELECTRICAL DETAILS, SHEET A

LEGEND

-  EXISTING LIGHT POLE & FOUNDATION
-  REL RELOCATED EXISTING LIGHTING UNIT
-  UTILITY POWER POLE EXISTING
-  GROUND ROD 5/8 INCH DIAMETER X 10 FEET
-  PROPOSED 400W HPS TYPE MCIII ROADWAY LUMINAIRE ON BLACK CABLE
-  PROPOSED 400W HPS TYPE MCIII ROADWAY LUMINAIRE ON RED CABLE
-  REL 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.)
- MH** MOUNTING HEIGHT
- MA** MAST ARM
- ROW** ROW-OF-WAY

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 CONTRACTOR IS TO NOTIFY COMED OF THE WORK IN PROGRESS, AND OBTAIN COMED'S APPROVAL OF LOCATION.
5. UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (EPR-TYPE RHW), 1 1/2" DIA. POLYETHYLENE.

CIRCUIT	RED (AMPS)	BLACK (AMPS)	LOAD (VA)
C	16.0	-	3840
D	-	16.0	3840

LUMINAIRE PERFORMANCE TABLE

ILLUMINANCE		LUMINANCE			
E_{AVG}	E_{AVG}/E_{MIN}	L_{AVG}	L_{AVG}/L_{MIN}	L_{MAX}/L_{MIN}	L_V/L_{AVG}
1.2 fc	3.0	0.8	3.0	5.0	0.3

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

