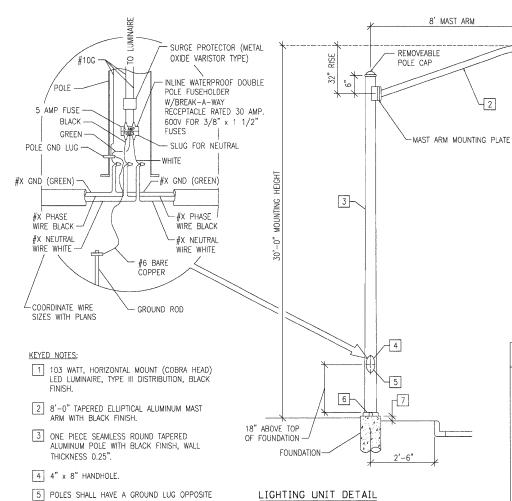


6 BASE FLANGE WITH BOLT COVERS (4).

ENGINEER.

7 TOP OF FOUNDATION SHALL BE 1 1/2" ABOVE TOP OF CURB OR EDGE OF PAVEMENT

UNLESS OTHERWISE DIRECTED BY THE



LIGHTING FIXTURE SCHEDULE						
FIXT. TYPE	DESCRIPTION	MANUFACTURER & CATALOG NO.		VOLTS	MOUNTING	REMARKS
F1	POLE MOUNTED LED HORIZONTAL MOUNT COBRA HEAD ROADWAY LUMINAIRE, HEAVY GAUGE EXTRUDED ALUMINUM HOUSING, IP66 RATED FOR WEATHER AND BUG TIGHTNESS, BAKED ON BLACK POLYESTER POWDER COAT FINISH, ANODIZED ALUMINUM TYPE III FULL CUTOFF OPTICS, HORIZONTALLY MOUNTED HPF LED 320 MA DRIVERS WITH THD LESS THAN 20%.	LUMARK: LDRC-SL3-A04-E- BK OR	4-LED LIGHT BARS, 4000 DEG. K, 103 TOTAL INPUT WATTS		MOUNTED ON TOP OF A 30'-0" POLE WITH AN 8'-0" MAST ARM	SUPPLY A POLE CAPABLE OF WITHSTANDING A 100 MPH WIND LOAD AT A MINIMUM RATED EPA OF 1.9, MINIMUM WALL THICKNESS OF 0.25 IN. SPECIFIED FIXTURE EPA RATING EQUALS 0.8 SQ. FT. EACH

ROADWAY DATA:

LUMINAIRE DATA:

LAYOUT DATA:

ILLUMINATION:

LUMINANCE:

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE (STAGGERED PATTERN W/O MEDIAN)

GIVEN CONDITIONS

- MAST ARM SLIPFITTER

LIGHT FIXTURE 1

PAVEMENT WIDTHS ROADWAY DATA: NUMBER OF LANES MEDIAN WIDTH IES SURFACE CLASSIFICATION Q-ZERO VALUE LIGHT POLE DATA: MOUNTING HEIGHT MAST ARM LENGTH POLE SET-BACK FROM EDGE OF PAVEMENT LAMP TYPE LUMINAIRE DATA: LAMP LUMENS

MEDIUM IES VERTICAL DISTRIBUTION IES CONTROL OF DISTRIBUTION CUTOFF IES LATERAL DISTRIBUTION TOTAL LIGHT LOSS FACTOR 0.9 SPACING CONFIGURATION

UNIFORMITY RATIOS: (LAVE/LMIN) (LMAX/LMIN)

LUMINANCE RATIO: (LV/LAVE)

Cd/m2

0.3

MAXIMUM VEILING

NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION LIGHTING DETAILS

FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

LUMINANCE RATIO: (LV/LAVE)

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE

PERFORMANCE TABLE (STAGGERED PATTERN WITH MEDIAN)

53 FT

MEDIUM

CUTOFF TYPE II

5.5 FT

0.7 Cd/m2

TOTAL SHEE SHEETS NO.

0.3

SINGLE HEAD POLE MOUNT

GIVEN CONDITIONS

POLE SET-BACK FROM EDGE OF PAVEMENT

IES SURFACE CLASSIFICATION

IES VERTICAL DISTRIBUTION

TOTAL LIGHT LOSS FACTOR

IES CONTROL OF DISTRIBUTION IES LATERAL DISTRIBUTION

LUMINAIRE OVERHANG OVER EDGE

UNIFORMITY RATIO, (EAVE/EMIN)

UNIFORMITY RATIOS: (LAVE/LMIN)

AVERAGE LUMINANCE: (LAVE)

MAXIMUM VEILING

NOTE: VARIATIONS FROM THE ABOVE SPECIFIED IES DISTRIBUTION PATTERN MAY BE

REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE

ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET. PERFORMANCE REQUIREMENTS

NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE

STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE

AVERAGE HORIZONTAL ILLUMINATION, (EAVE) 0.9 FC

OF PAVEMENT LINE

PAVEMENT WIDTHS

MEDIAN WIDTH

Q-ZERO VALUE

LAMP TYPE

SPACING

GIVEN CONDITIONS LISTED ABOVE.

CONFIGURATION

LAMP LUMENS

LIGHT POLE DATA: MOUNTING HEIGHT

NUMBER OF LANES

MAST ARM LENGTH

LAYOUT DATA: SINGLE HEAD POLE MOUNT LUMINAIRE OVERHANG OVER EDGE OF PAVEMENT LINE 5.5 FT NOTE: VARIATIONS FROM THE ABOVE SPECIFIED IES DISTRIBUTION PATTERN MAY BE REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET. PERFORMANCE REQUIREMENTS NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE GIVEN CONDITIONS LISTED ABOVE. ILLUMINATION: AVERAGE HORIZONTAL ILLUMINATION, (EAVE) 0.9 FC UNIFORMITY RATIO, (EAVE/EMIN) AVERAGE LUMINANCE: (LAVE) LUMINANCE:

DESIGNED PJT REVISED ILE NAME = ISER NAME = MWH DRAWN ANC REVISED LOT SCALE = AS SHOWN CHECKED PJT REVISED DATE 11/04/10

NOT TO SCALE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION COUNTY 06-00002-00-PV DEKALB 148 84 CONTRACT NO. 87476 SCALE: AS SHOWN SHEET NO. 6 OF X SHEETS STA. TO STA.