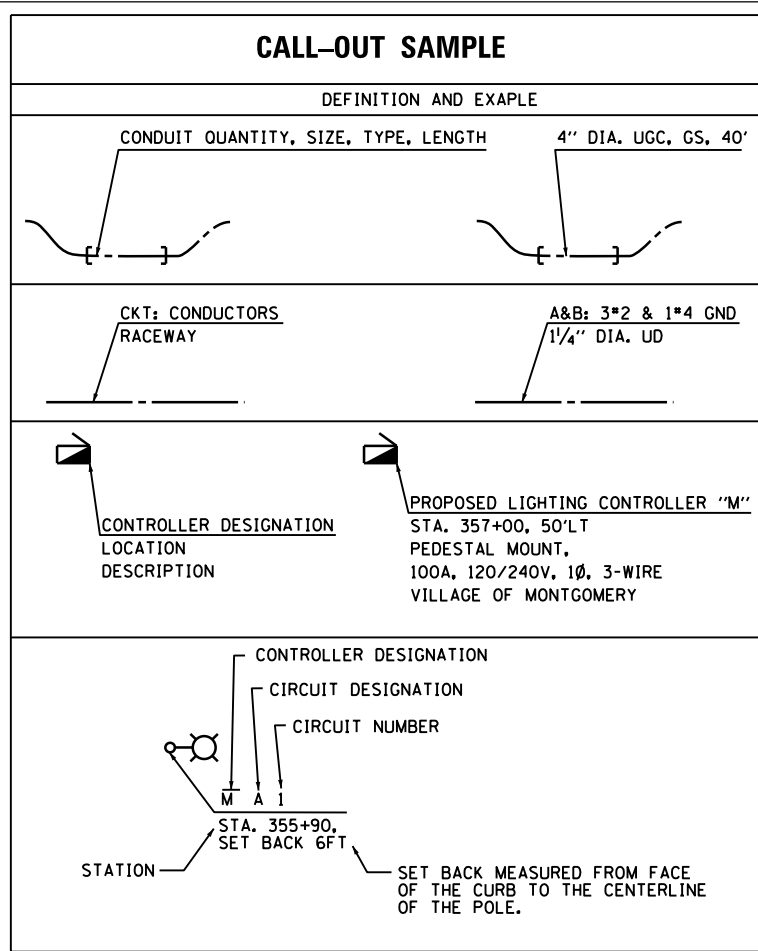


LIGHTING AND ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	EXISTING PEDESTAL MOUNTED LIGHTING CONTROLLER, TO BE REMOVED
	EXISTING COMBINATION LIGHT POLE TO BE REMOVED
	LIGHT POLE, WOOD, 60FT, CLASS 4 WITH 15FT MAST ARM AND 400W HPS TYPE M-C-III COBRAHEAD LUMINAIRE WITH PHOTOCCELL MOUNTED AT 45FT M.H. U.N.O.
	EXISTING UTILITY SERVICE CONNECTION, POLE MOUNTED
	EXISTING ELECTRIC UTILITY POLE
	EXISTING JUNCTION BOX
	EXISTING CONDUIT TO BE REMOVED OR ABANDONED
	EXISTING UNDERGROUND UNIT DUCT TO BE ABANDONED
	PROPOSED LIGHTING UNIT, 47.5FT M.H., 400W HPS, 120V TYPE M-C-III COBRAHEAD LUMINAIRE HORIZONTAL MOUNT ON 12FT DAVIT ARM WITH PHOTOCCELL ON TOP U.N.O.
	PROPOSED LIGHTING CONTROLLER, SIZE AND TYPE AS NOTED
	PROPOSED UTILITY SERVICE CONNECTION, POLE MOUNTED
	PROPOSED ELECTRIC UTILITY POLE
	PROPOSED JUNCTION BOX, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN EXPOSED CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN CONCEALED CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED AERIAL LIGHTING CABLE WITH MESSENGER WIRE
	ELECTRIC GROUND ROD
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN



ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LTFM	LIQUID TIGHT FLEXIBLE METALLIC
LPS	LOW PRESSURE SODIUM
M	METER
MA	MAST ARM
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSENGER WIRE
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
XFMR	TRANSFORMER
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE

**GENERAL NOTES**

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

**INDEX OF DRAWINGS:**

DRAWING NO.	TITLE
E-1	LEGEND, ABBREVIATION, GENERAL NOTES, AND INDEX OF DRAWINGS
E-2	SCHEDULE OF QUANTITIES
E-3	EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING PLANS
E-4	PROPOSED LIGHTING PLAN
E-5	LIGHTING CONTROLLERS WIRING DIAGRAM
E-6	LIGHTING CONTROLLER DETAILS
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE-301	LIGHT POLE FOUNDATION 40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE
BE-305	LIGHT POLE FOUNDATION, METAL
BE-410	DAVIT LIGHT POLE 47'-6" (14.478 m) MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS SHEET A
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-805b	TEMPORARY LIGHTING AND TRAFFIC SIGNALS FOR SINGLE LANE STAGING
BE-805c	TEMPORARY LIGHTING AND TRAFFIC SIGNALS FOR SINGLE LANE STAGING

**IDOT DISTRICT 1 STANDARD DETAIL**

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USER NAME = kprejapati	DESIGNED - KGP	REVISED -
	DRAWN - AM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -
PLOT DATE = 4/25/2012	DATE - 03/02/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 30 AT DOUGLAS ROAD  
LEGEND, ABBREVIATION, GENERAL NOTES, AND INDEX OF DRAWINGS**

SCALE: N.T.S.      SHEET NO. 1 OF 6 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	282
<b>CONTRACT NO. 60132</b>				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				