










GENERAL NOTES:

- THIS PROJECT INCLUDES THE CONSTRUCTION OF A NEW BOX CULVERT AND THE WORK WILL IMPACT THE EXISTING IDOT LIGHTING SYSTEM. THE EXISTING LIGHTING IMPACTED BY THE WORK SHALL BE REMOVED AND REPLACED WITH THE PROPOSED LIGHTING. TEMPORARY LIGHTING SHALL BE INSTALLED TO PROVIDE LIGHTING DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR SHALL REQUEST A PARTIAL MAINTENANCE TRANSFER BEFORE WORK BEGINS TO INSTALL TEMPORARY LIGHTING AND REMOVE EXISTING LIGHTING AS INDICATED ON THE PLANS CONNECTED TO THE EXISTING CONTROLLER "DU".
- MEADE ELECTRIC CO. DISTRICT 1 ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES. THEIR CONTACT NO. IS 773-287-7672. CALL MEADE ELECTRIC CO. TO TRANSFER IDOT MAINTAINED EQUIPMENT TO THE CONTRACTOR BEFORE ANY WORK STARTS.
- THE QUANTITIES OF RACEWAY WHEREVER INDICATED ON THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR INSPECTION AND APPROVAL BY THE ENGINEER.
- THE CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND/OVERHEAD UTILITIES PRIOR TO INSTALLATION OF LIGHT POLES AND CONDUITS. IF THERE IS A CONFLICT WITH THE LIGHT POLES/CONDUITS LOCATIONS AS SHOWN ON PLANS, THE CONTRACTOR SHALL SUGGEST ALTERNATIVE LOCATIONS AND COORDINATE WITH THE ENGINEER PRIOR TO PERFORMING DIGGING WORK. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL TAKE CARE WHEN INSTALLING UNIT DUCT TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, AND TREES ROOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE. IF SO THE CONTRACTOR SHALL REPAIR ANY DAMAGE AT NO ADDITIONAL COST AND THE REPAIRS SHALL BE TO THE SATISFACTION OF THE ENGINEER.
- TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30".
- LIGHTING SYSTEM INSTALLATION SHALL CONFORM TO THE LATEST IDOT STANDARDS, NEC AND LOCAL CODES.
- ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE UL LISTED AND LABELED.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF PROPOSED ROADWAY LIGHTING UNITS WITH ComEd.
- AS SHOWN ON SHEET EL-4 ROADWAY LIGHTING UNITS NOT IMPACTED BY THE WORK SHALL ALSO BE UPGRADED FROM HPS TO LED LUMINAIRES.

LEGEND

-  PROPOSED LIGHTING UNIT, 47.5 FT. MH, 15 FT. MAST ARM, (240V-LINE TO NEUTRAL), LED LUMINAIRE WITH BREAKAWAY DEVICE
-  EXISTING HIGH MAST TOWER TO REMAIN
-  EXISTING LIGHTING UNIT TO BE REMOVED
-  EXISTING LIGHTING UNIT TO REMAIN
-  TEMPORARY WOOD POLE, 60 FT. MH, 15 FT. MAST ARM WITH 240V LED LUMINAIRE
-  UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND (XLP-TYPE USE) 1 1/4" DIA. POLYETHYLENE
-  AERIAL CABLE 3-1/C NO. 2 WITH MESSENGER WIRE
-  EXISTING LIGHTING CONTROLLER TO REMAIN
-  TEMPORARY WOOD POLE, 60 FT.

BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	175
UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1690
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	1463
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	14
LIGHT POLE, ALUMINUM, 47.5FT. M.H. 15FT. MAST ARM	EACH	8
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	6
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	80
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	8
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	6
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	7
REMOVAL OF POLE FOUNDATION	EACH	7
TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	1
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION I	EACH	6
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12

MODEL: \\MODEL\NAME: FILE: \\NAME.DWG: 2020-196-T-EL-01.dwg

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60515

USER NAME = mdeitche	DESIGNED - BL	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - SR	REVISED -
PLOT DATE = 4/16/2021	CHECKED - MB	REVISED -
	DATE - 4/16/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 OVER DITCH AT IL 38 (WB) RAMP
LIGHTING GENERAL NOTES, BILL OF MATERIALS AND LEGEND**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-196-T		122	47
			CONTRACT NO. 62M69	
		ILLINOIS	FED. AID PROJECT	