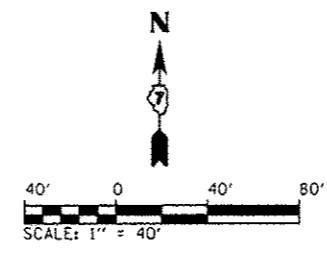


**ROADWAY FIXTURE DETAIL**  
N.T.S.

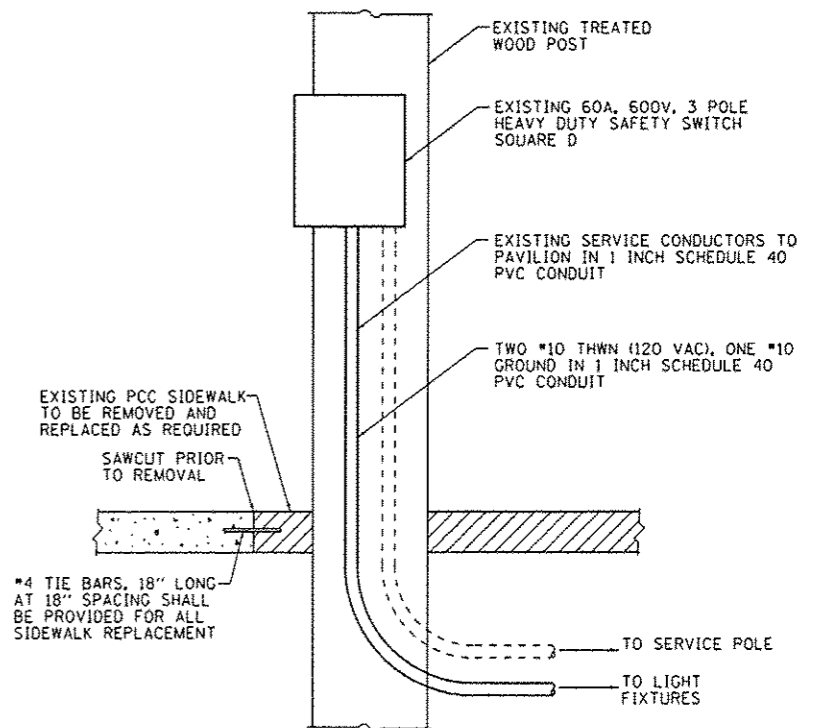
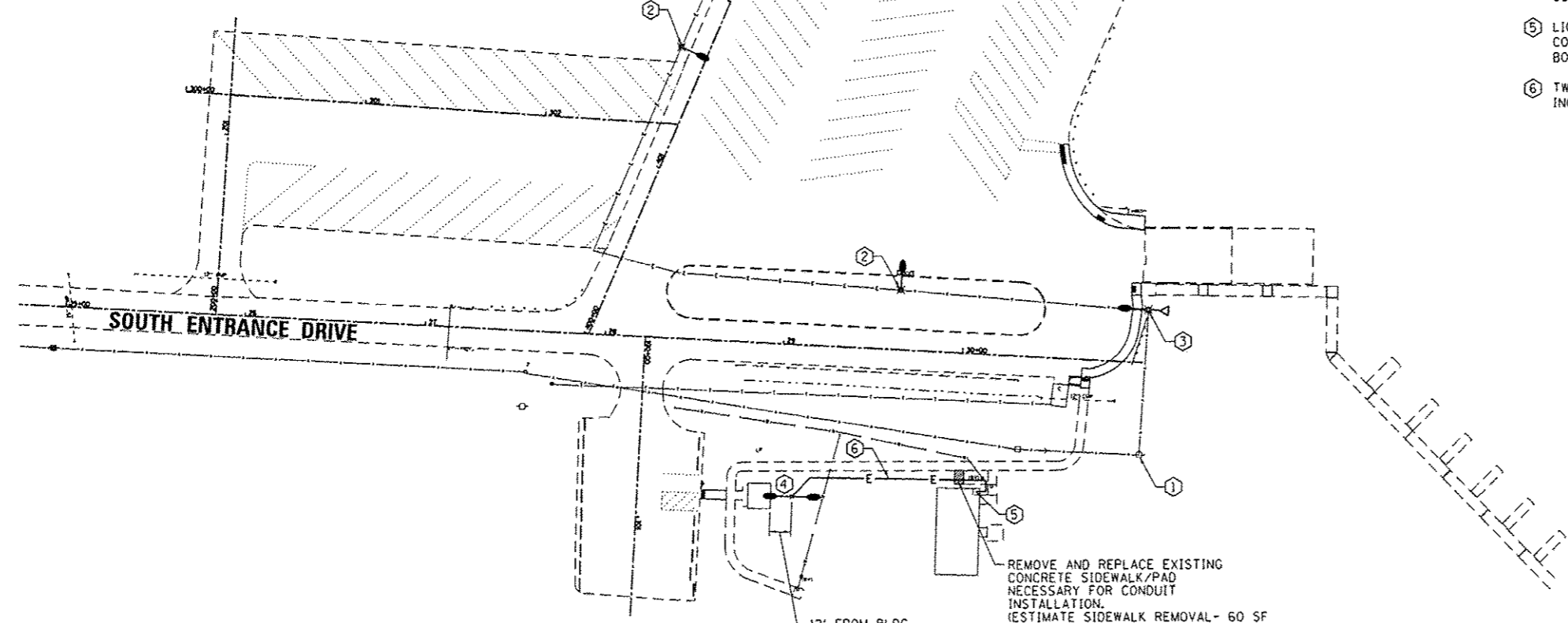


**GENERAL NOTES:**

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY ALL ELECTRICAL EQUIPMENT LOCATIONS AND DIMENSIONS PRIOR TO ORDERING AND INSTALLING.
2. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA70 (NATIONAL ELECTRIC CODE, MOST CURRENT ISSUE), THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATION'S WHICH WOULD VOID THE U.L. LISTINGS (OR THIRD PARTY LISTINGS) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE WILL NOT BE PERMITTED.
3. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL PROVIDE A ONETIME NIGHTTIME SIGHT VISIT TO RE-AIM AS MANY LIGHT FIXTURES AS DEEMED NECESSARY BY THE ENGINEER.
4. THE CONTRACTOR SHALL NOT REMOVE ANY OF THE EXISTING LIGHT FIXTURES UNTIL THE NEW UNITS ARE AVAILABLE. THE UNITS SHALL BE REPLACED IN SUCH A MANNER THAT ALL THE LIGHT FIXTURES (EXISTING AND NEW) ARE IN OPERATION DURING EACH NIGHT.

**KEYED NOTES:**

- ① EXISTING UTILITY SERVICE ENTRANCE, METER, AND DISCONNECT SWITCH TO REMAIN.
- ② EXISTING STREETLIGHT TYPE LIGHT FIXTURE TO BE REMOVED. EXISTING 30 FOOT CLASS 5 TREATED WOOD LIGHT POLE WITH 4 FOOT MOUNTING ARM TO REMAIN. PROVIDE LED LUMINAIRE, 8700 LUMEN, INDIVIDUAL PHOTO-CELL CONTROLLED AT 30 FEET ABOVE FINISHED GRADE WITH 24 INCH MOUNTING ARM AND ASSOCIATED HARDWARE. RECONNECT TO EXISTING CONDUCTORS. THIS WORK SHALL BE PAID FOR AS "LUMINAIRE (SPECIAL)" - EACH.  
  
EXISTING STREETLIGHT TYPE LIGHT FIXTURE WITH MOUNTING ARM AND FLOOD TYPE FIXTURE ON 30 FOOT CLASS 5 TREATED WOOD SERVICE POLE PHOTOCCELL CONTROLLED AND ASSOCIATED HARDWARE TO BE DEMOLISHED. ON PARKING LOT SIDE PROVIDE LED LUMINAIRE, 8700 LUMEN, INDIVIDUAL PHOTO-CELL CONTROLLED AT 30 FEET ABOVE FINISHED GRADE WITH 24 INCH MOUNTING ARM AND ASSOCIATED HARDWARE. ON LAKE SIDE OF POLE PROVIDE FLOODLIGHT 175 WATT METAL HALIDE, MULTITAP PULSE START BALLAST, PHOTO-CELL CONTROLLED, 6 BY 6 DISTRIBUTION AIMED TOWARDS DOCKS. RECONNECT TO EXISTING CONDUCTORS. THIS WORK SHALL BE PAID FOR AS "FLOOD LIGHTING UNIT" - EACH.
- ④ TWIN LED LUMINAIRE, 8700 LUMEN, PHOTO-CELL CONTROLLED FIXTURE MOUNTED ON 30 FOOT CLASS 5 TREATED WOOD LIGHT POLE. SEE ROADWAY FIXTURE FOR FURTHER DETAIL. JUNCTION BOX AND POLE MOUNTED CONDUIT AND FITTINGS SHALL BE MEASURED FOR PAYMENT AS "UNDERGROUND CONDUIT" OF THE TYPE AND DIAMETER SPECIFIED.
- ⑤ LIGHTING CONNECTION TO EXISTING PAVILLION POWER BOX. REMOVE AND REPLACE EXISTING CONCRETE SIDEWALK/PAD AS NECESSARY FOR CONDUIT INSTALLATION. CONNECTION TO EXISTING BOX INCLUDED IN THE COST FOR "UNDERGROUND CONDUIT"
- ⑥ TWO #10 THWN (240 VAC), ONE #10 GROUND IN 1 INCH SCHEDULE 40 PVC CONDUIT, BURIED 24 INCHES BELOW FINISHED GRADE.



**PAVILLION POWER ELEVATION VIEW**  
N.T.S.

FILE NAME : L:\1001\1186618\WD\13\VD-a\CAD\Sheets\46255_ElectPlan - South.dgn	USER NAME : Brian Bond	DESIGNED - BMB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING AND ELECTRICAL PLAN - SOUTH DAY USE &amp; BOAT ACCESS AREA NEWTON LAKE STATE FISH AND WILDLIFE AREA</b>		F.A. RTE. N/A	SECTION PARKS ROADS	COUNTY JASPER	TOTAL SHEETS 66	SHEET NO. 42			
Default	PLOT SCALE : 00.0000 / 1"	CHECKED - JMM	REVISED -				SCALE: 1" = 40'	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE : 3/29/2013	DATE - 3/29/2013	REVISED -				CONTRACT NO. 46255							