
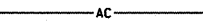








LEGEND

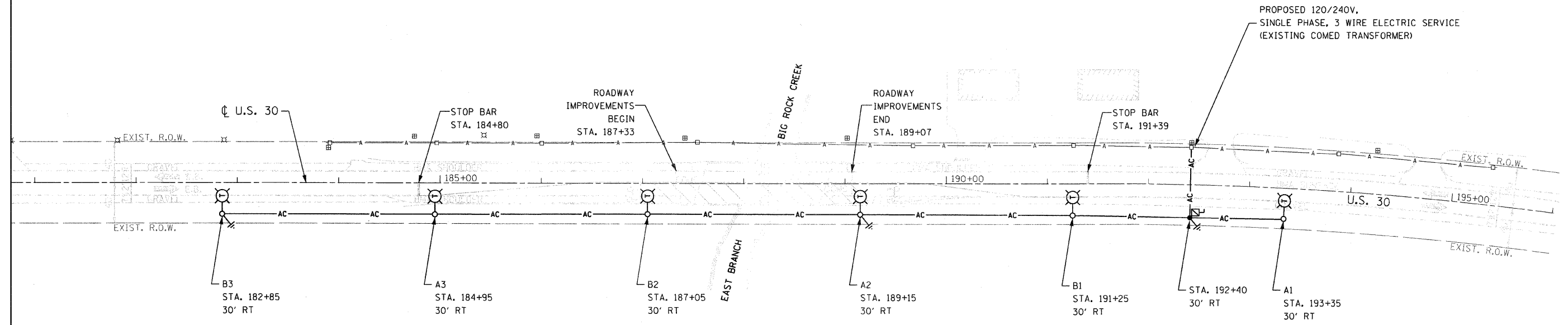
-  TEMPORARY LIGHTING UNIT
50' MOUNTING HEIGHT ON 60' CLASS 4 WOOD POLE
15' MAST ARM, 400 WATT, 120 VOLT LUMINAIRE
WITH PHOTOCELL ON EACH LUMINAIRE
-  AC AERIAL CABLE, 3-1/4 NO. 4, ALUMINUM, WITH MESSENGER WIRE
-  A EXISTING AERIAL UTILITY LINES
-  GROUND ROD, 5/8" DIAMETER x 10'
-  ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL
-  45' FOOT CLASS 4 TEMPORARY WOOD POLE
-  EXISTING UTILITY POLE
-  AI INDICATES CIRCUIT AND POLE NUMBER

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
AERIAL CABLE, 3-1/4 NO. 4 WITH MESSENGER WIRE	FOOT	1,120
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	EACH	6
LIGHT POLE, WOOD, 45 FOOT, CLASS 4	EACH	1
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT. MAST ARM	EACH	6
REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	6
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	4
GROUND ROD, 5/8" DIA. X 10 FT.	EACH	2
ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL	EACH	1

• THIS ITEM INCLUDES ELECTRIC UTILITY SERVICE COSTS FOR BOTH TEMPORARY LIGHTING SYSTEMS ASSOCIATED WITH THIS PROJECT.

•• THIS ITEM INCLUDES MAINTENANCE OF BOTH TEMPORARY LIGHTING SYSTEMS ASSOCIATED WITH THIS PROJECT.




TEMPORARY ROADWAY LIGHTING PLAN
(STAGE I TRAFFIC CONTROL SHOWN)

GENERAL NOTES:

1. THE MATERIALS AND INSTALLATION METHODS SHALL COMPLY WITH THE LATEST CODES, STANDARDS, AND ORDINANCES OF FEDERAL, STATE, AND LOCAL GOVERNING BODIES HAVING JURISDICTION. ALL WORK SHOWN ON THE PLANS AND DESCRIBED ELSEWHERE SHALL CONFORM TO THE LATEST NATIONAL ELECTRICAL CODE.
2. THE CONTRACTOR SHALL CONTACT COMED AS SOON AS POSSIBLE CONCERNING PENDING ELECTRICAL SERVICE INSTALLATION AND CONNECTION TO ENSURE AVAILABILITY OF ELECTRICAL POWER SUPPLY IN A TIMELY MANNER.
3. TEMPORARY LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE STAGE I TRAFFIC CONTROL IS IN PLACE. TEMPORARY LIGHTING SHALL REMAIN IN OPERATION DURING BOTH STAGE I AND STAGE II.
4. OVERHEAD CABLES SHALL MAINTAIN CLEARANCE FROM GROUND IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE SECTION 225.18.
5. GROUND RODS SHALL BE INSTALLED AT EVERY THIRD TEMPORARY LIGHT POLE, AND SHALL BE PAID FOR AS "GROUND ROD, 5/8" DIA. X 10 FT." GROUND WIRES AND CONNECTION OF GROUND RODS AT TEMPORARY LIGHT POLES ARE INCLUDED IN THE COST OF THE GROUND RODS. THE GROUND ROD AT THE SERVICE DISCONNECT BOX IS INCLUDED IN THE COST OF THE ITEM "ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL."
6. ALL AREAS DISTURBED UNDER THIS CONTRACT SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE ENGINEER.
7. THE REMOVAL OF TEMPORARY LIGHTING UNITS SHALL INCLUDE ALL POLES, LUMINAIRES, MAST ARMS, MESSENGER WIRES, CABLES, GROUND RODS, AND SERVICE DISCONNECT EQUIPMENT. ALL EQUIPMENT SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

RDL-2 OF 4

FILE NAME = D160E63-RDL-2.dgn PLOT DATE = 1/26/2009	 SPAAN Tech, Inc. 311 South Wacker Drive, Suite 2400 Chicago, IL 60606 phone: 312.277.8800 fax: 312.277.8808 web: www.SpaanTech.com	DESIGNED - R.A.S. DRAWN - R.P.J. CHECKED - I.A.B. DATE - JANUARY 26, 2009	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY ROADWAY LIGHTING PLAN U.S. 30 OVER EAST BRANCH BIG ROCK CREEK	F.A.P. RTE. 573 SECTION 117 R-2B-R COUNTY KANE TOTAL SHEETS 40 SHEET NO. 15 CONTRACT NO. 60E63
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 187+33 TO STA. 189+07						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT