



SEE DETAILS BE-805 FOR TEMPORARY SERVICE INSTALLATION AND ELECTRIC SERVICE BOX (CONTRACTOR CAN CHOOSE DIFFERENT LOCATION UPON VERIFICATION WITH COMED)

TEMP LIGHTING UNIT (TYPICAL)

1:8 TAPER DRUMS @ 25' CTS.

MATCHLINE STA. 39+00

MAX WIDTH	W12-1103
10'-6"	
0.6 MILES AHEAD	

(WEST OF 5TH ST.)

TEMPORARY LIGHTING AND TRAFFIC SIGNAL PLAN LEGEND

- 400W, 120V OR 240V, MCIII HPS, WITH PHOTO CELL 15' MA, 50' MH ON WOOD POLE, CLASS 4, TEMP LIGHTING
- 3-1/2" x 2" AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED
- GROUND ROD 5/8" DIA. x 10'
- COMBINATION LIGHTING AND TRAFFIC POLE MOUNTED ELECTRICAL SERVICE BOX
- TEMPORARY WOOD POLE - NOMINAL 60 FT., CLASS 4
- TEMPORARY TRAFFIC SIGNAL SPAN WIRE, NUMBER OF CONDUCTORS AS REQUIRED.
- TEMPORARY TRAFFIC CONTROLLER WITH UPS AND BOTTOM PLATE MOUNTED TO WOOD POLE
- TEMPORARY VIDEO DETECTOR
- BARRIER WALL MARKERS, TYPE C
- TEMPORARY LED TRAFFIC SIGNAL HEAD, NUMBER OF SECTION AND DISPLAY AS REQUIRED.
- TYPE III BARRICADE
- DRUM WITH STEADY BURN BIDIRECTIONAL LIGHT
- EXPANSION JOINT RECONSTRUCTION AREA

NOTES:

- BARRIER WALL MARKERS AT 25' CTS SEE STANDARD 635011
- TYPE III BARRICADES TO BE PLACED WHEN NO WORK IS BEING PERFORMED
- ADVANCE WARNING SIGNS & TRAFFIC CONTROL ON IL 176 SHALL BE ACCORDING TO STANDARD 701316 EXCEPT AS SHOWN, COST INCLUDED WITH "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
- ANY ADJUSTMENTS TO THE TEMPORARY TRAFFIC SIGNAL HEADS, EVP AND VIDEO DETECTION FOR STAGING IS THE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL NOTES:

1. CONTACT TO THE ELECTRIC UTILITY SHALL BE INITIATED BEFORE THE PRECONSTRUCTION MEETING, AND DOCUMENTATION OF CONTACT SHALL BE PRESENTED AT THAT MEETING. NO PLACEMENT OF POLES WILL BE ALLOWED WITHOUT EVIDENCE OF A SIGNED AGREEMENT WITH THE ELECTRIC UTILITY, FURNISHED TO THE ENGINEER.
2. UNLESS OTHERWISE INDICATED, AND EXCEPT AS OTHERWISE NOTED, THIS STANDARDIZED LAYOUT SHALL APPLY FOR BRIDGES NOT EXCEEDING A 250-FOOT SPAN. FOR BRIDGE SPANS IN EXCESS OF 250 FEET, THE POLES IMMEDIATELY ADJACENT TO THE BRIDGE SHALL BE 100-FOOT POLES (90-FOOT MOUNTING HEIGHT), WITH 750-WATT TYPE III HIGH PRESSURE SODIUM HIGH-MAST LUMINAIRES AS APPROVED BY THE ENGINEER.
3. THE LAYOUT OF THE TEMPORARY EQUIPMENT WILL VARY BASED ON FIELD CONDITIONS, STAGING, UTILITY IMPACTS, AND THE ELECTRIC SERVICE LOCATION AS COORDINATED WITH THE ELECTRIC UTILITY. THE CONTRACTOR SHALL SUBMIT A PLAN INDICATING THE SETTING OF POLES, TRAFFIC SIGNALS, AND COMBINED SERVICE. THIS PLAN MUST BE APPROVED BY THE ENGINEER BEFORE ANY POLES ARE PLACED
4. THE ELECTRIC SERVICE SHALL BE 240/120V. WHERE 240V SERVICE IS NOT AVAILABLE, THE CONTRACTOR MAY SUBMIT A PROPOSAL FOR 120V SERVICE, DROP CABLE, MAIN BREAKER, AND ALL OTHER SERVICE APPURTENANCES SHALL BE APPROPRIATELY RATED AND INCLUDED REGARDLESS OF THE SERVICE VOLTAGE APPLIED
5. THE TEMPORARY LIGHTING AND TRAFFIC SIGNAL INSTALLATION SHALL SHARE ANY COMMON ELEMENTS SUCH AS WOOD POLES, ELECTRICAL SERVICE, ELECTRIC SERVICE BOX, CABLE, ETC. THE CONTRACTOR SHALL COORDINATE TEMPORARY LIGHTING AND TRAFFIC SIGNAL INSTALLATIONS.
6. WHERE THERE IS NO CURB PRESENT, THE LIGHT POLE SETBACK FROM THE EDGE OF TRAVEL PAVEMENT SHALL BE 18 FT. UNLESS THE LIGHT POLE IS BEHIND GUARDRAIL, THE LIGHT POLES INSTALLED BEHIND THE GUARDRAIL OR BARRIER WALL SHOULD HAVE AT LEAST 8 FT. SETBACK FROM THE BACK OF THE SHOULDER AND OR AS DIRECTED BY THE ENGINEER.
7. EACH LIGHTING UNIT SHALL BE CONTROLLED BY A PHOTO CELL MOUNTED ON EACH LUMINAIRE WITH THE LIGHTING CIRCUIT FED FROM THE TEMPORARY SERVICE DISCONNECT BOX. OTHER MEANS OF LUMINAIRE CONTROL CAN BE CONSIDERED IF APPROVED BY THE ENGINEER.
8. THE CONTRACTOR SHALL SPLICE AERIAL CABLE AT THE LIGHT POLE USING HEAT SHRINKABLE CAPS WITH THE FACTORY APPLIED WATERPROOF SEALANT OR AN APPROVED UL LISTED AERIAL TAP DEVICE.
9. ALL AREAS DISTURBED UNDER THIS CONTRACT SHALL BE RESTORED TO THE ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE ENGINEER.
10. ANY TREE TRIMMING NECESSARY TO SET UP THE TEMPORARY TRAFFIC LIGHTING WILL BE COVERED UNDER THE SPECIAL PROVISION "PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE."

W1-6L(0)-6030 (MOUNTED ABOVE TYPE III BARRICADE)

- CLOSE PATH PER STD. 701801
- WET REFLECTIVE TEMPORARY TAPE, TYPE III, WHITE 4"
- WET REFLECTIVE TEMPORARY TAPE, TYPE III, DOUBLE YELLOW, 4"
- WET REFLECTIVE TEMPORARY TAPE, TYPE III, WHITE 24" STOP BAR

THE CONTRACTOR SHALL VERIFY THE ELECTRICAL SERVICE LOCATION WITH ComEd PRIOR TO DOING ANY WORK.

FILE NAME =	USER NAME = pyzranowskirb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 TRAFFIC CONTROL (SHEET 1 OF 2) IL 176 (PARK AVE.) OVER DES PLAINES RIVER	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\pwork\pyzranowskirb\d030844	D143112-sht-plan.dgn	DRAWN -	REVISED -			1238	P-2-1-1(12)	LAKE	25	11	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60777					
	PLOT DATE = 2/11/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					