

GENERAL NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC (S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLANS OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

GENERAL CONSTRUCTION NOTES:

INTERSECTION OF 147TH ST AND KEDZIE AVE:

1. TEMPORARY SPLICED INTERCONNECT FROM HOMAN AVE AND TEMPORARY RADIO INTERCONNECT TO SACRAMENTO AVE SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND SACRAMENTO AVE:

1. TEMPORARY RADIO INTERCONNECT FROM KEDZIE AVE AND TO HARRISON AVE SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND HARRISON AVE:

1. TEMPORARY RADIO INTERCONNECT FROM SACRAMENTO AVE AND TEMPORARY INTERCONNECT TO CLEVELAND AVE SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND CLEVELAND AVE:

1. TEMPORARY INTERCONNECT FROM HARRISON AVE TO SB I-57 RAMPS E AND F SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND SB I-57 RAMPS E AND F:

1. TEMPORARY INTERCONNECT FROM CLEVELAND AVE TO NB I-57 RAMPS J AND K SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND NB I-57 RAMPS J AND K:

1. TEMPORARY INTERCONNECT FROM SB I-57 RAMPS E AND F TO DIXIE HWY/WESTERN AVE SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND DIXIE HWY/WESTERN AVE:

1. TEMPORARY INTERCONNECT FROM NB I-57 RAMPS J AND K AND TEMPORARY SPLICED INTERCONNECT TO ROBEY ST SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

**TYLIN INTERNATIONAL**

USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT</b>			
<b>TEMPORARY TRAFFIC SIGNAL GENERAL NOTES AND GENERAL CONSTRUCTION NOTES</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	<b>357</b>
CONTRACT NO.			60M57	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		