

TEMPORARY PHASE DESIGNATION DIAGRAM (NOT TO SCALE)

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM DETAIL (NOT TO SCALE)

TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED:
 12 Each Traffic Signal Head, 1-Face, 3-Section
 1 Each Electric Service Installation

CONTRACTOR'S NOTES:

- All existing span wire mounted traffic signals will be removed and replaced with all New L.E.D. Traffic Signal Heads mounted to the existing span wire cable.
- Each new traffic signal head will be installed with its own louvered backplate.
- Uninterruptible power supply U.P.S. will be installed with the addition of L.E.D.'s at this location. In addition it will be necessary to replace or install a new wood support platform to support the additional weight of the U.P.S. equipment. The cost of the platform will be incidental to the cost of the U.P.S.
- The existing service cabinet at this location will be removed and replaced with a new pole mounted type. The existing electric service cable may be reused, but a ground cable as shown on the cable plan will be installed.

TEMPORARY CABLE DIAGRAM LEGEND

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- X TEMPORARY CONTROLLER CABINET
- S TEMPORARY SERVICE INSTALLATION
- 5 INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP

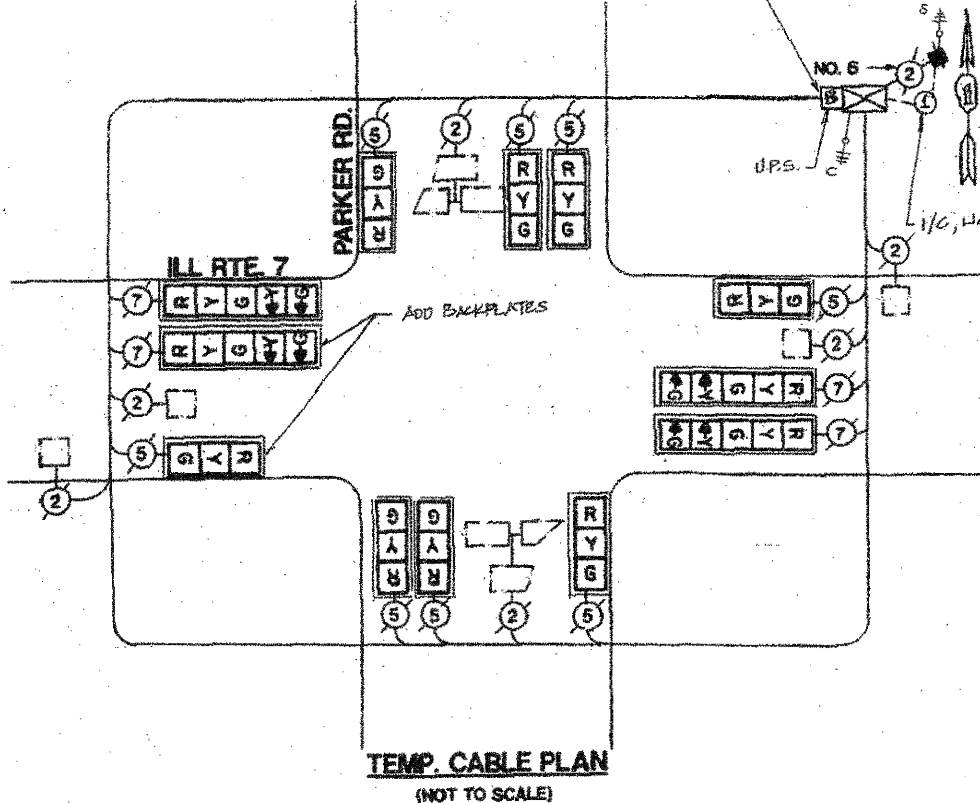
TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION

- VEHICLE DETECTOR, INDUCTION LOOP
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- HANDHOLE
- HEAVY DUTY HANDHOLE

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

Quantity	Unit	Description
135	Foot	Electric Cable In Conduit, Grounding, No. 6 1 C
1	Each	Maintenance of Existing Traffic Signal Installation
1	Each	Remove Existing Traffic Signal Equipment
1	Each	Service Installation, Pole Mount
8	Each	Signal Head, L.E.D., 1-Face, 3-Section Span Wire Mounted
4	Each	Signal Head, L.E.D., 1-Face, 5-Section Span Wire Mounted
86	Foot	Thermoplastic Pavement Marking - Line 24"
80	Sq. Ft	Thermoplastic Pavement Marking Removal
12	Each	Traffic Signal Backplate, Louvered, Aluminum
1	Each	Uninterruptible Power Supply



TEMP. CABLE PLAN (NOT TO SCALE)

FILE NAME =	USER NAME = kmthphixayba	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL MODIFICATION
ILL. RTE. 7 AT PARKER RD.

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				2009 - 038 TS	Will	19	18
						CONTRACT NO. 60G43	
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	