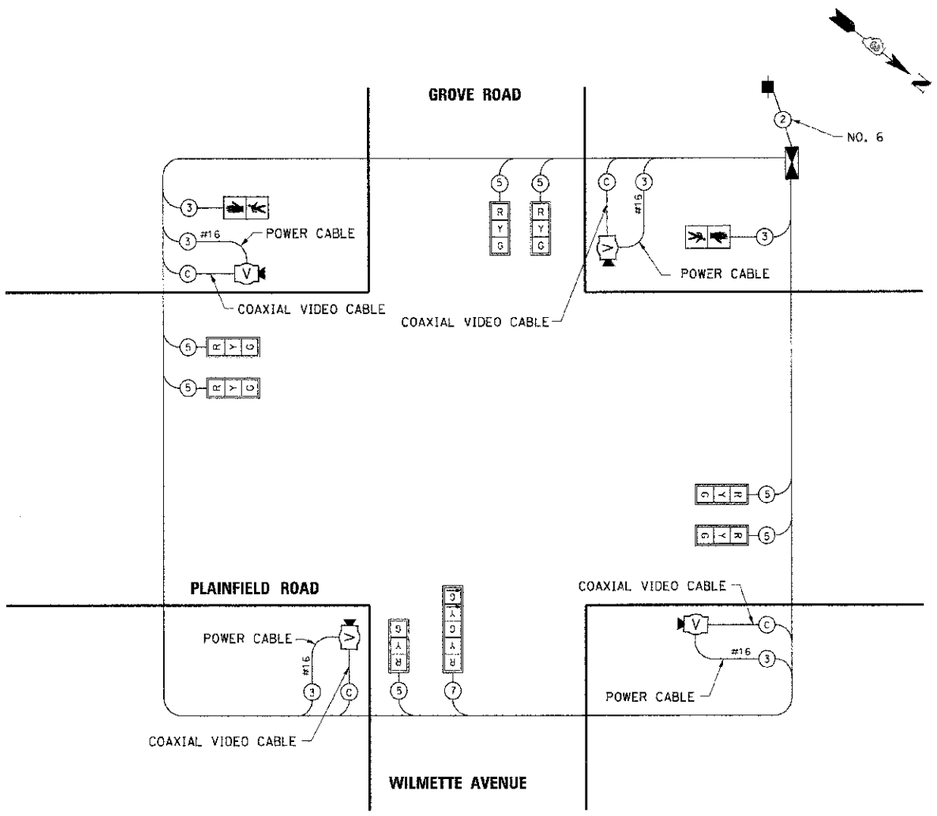
CONTRACT NO. 66420

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)R	KENDALL	514	386
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

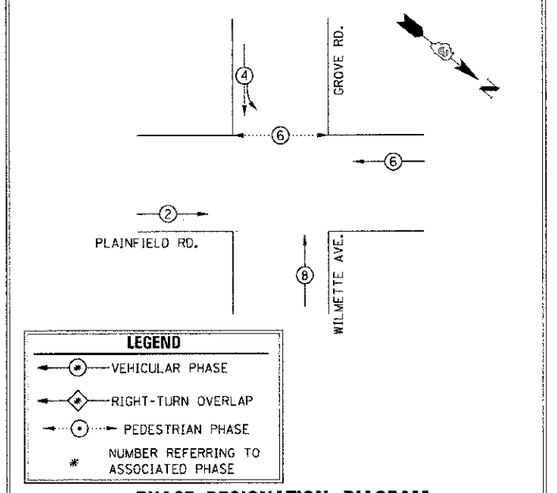
TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY 12" TRAFFIC SIGNAL SECTION
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY SIGNAL HEAD, PEDESTRIAN
- (2) DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED
- TEMPORARY PEDESTRIAN PUSH-BUTTON DETECTOR
- TEMPORARY VIDEO DETECTION CAMERA



NOTE: THE TEMPORARY PEDESTRIAN TRAFFIC SIGNALS CONTROLLING PEDESTRIAN MOVEMENT CROSSING GROVE ROAD SHALL BE PRE-TIMED.

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

NOTE:
1. DURING MAINTENANCE OF TRAFFIC STAGES THAT DO NOT REQUIRE A PROTECTED LEFT TURN PHASE, THE ASSOCIATED LEFT TURN ARROW SECTIONS SHALL BE DISABLED AND APPROPRIATELY BAGGED.

2. SPLIT PHASE TIMING ON SIDE ROADS THE YELLOW ARROW TIME SHALL BE THE SAME LENGTH OF TIME AS THE YELLOW BALL TIME.

TEMPORARY TRAFFIC SIGNAL INSTALLATION

DESCRIPTION	QUANTITY	UNITS
WOOD POLES, CLASS 5, 45' W/ GUY WIRE AND ANCHORS	6	EACH
ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 14, 2C, WITH SPAN WIRE & TETHER	136	FOOT
ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 14, 3C, WITH SPAN WIRE & TETHER	136	FOOT
ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 14, 5C, WITH SPAN WIRE & TETHER	1336	FOOT
ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 14, 7C, WITH SPAN WIRE & TETHER	765	FOOT
ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 2, 1/C, WITH SPAN WIRE & TETHER	100	FOOT
TEMPORARY TRAFFIC SIGNAL CONTROLLER	1	EACH
SIGNAL HEAD, 1 FACE, 3 SECTION, 12" LENSES	7	EACH
SIGNAL HEAD, 1 FACE, 5 SECTION, 12" LENSES	1	EACH
PEDESTRIAN SIGNAL HEAD, 2 FACE	2	EACH
ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 6, 1/C WITH SPAN WIRE & TETHER	100	FOOT
TEMPORARY VIDEO DETECTION SYSTEM	1	EACH
400 W HPS COBRAHEAD LUMINARIES MOUNTED TO MAST ARMS ON TEMP. POLES CLOSEST TO INTERSECTION	4	EACH

TEMPORARY VIDEO DETECTION SYSTEM BILL OF MATERIALS

DESCRIPTION	QUANTITY	UNITS
MACHINE VISION PROCESSOR	1	EACH
AUTOSCOPE IMAGE SENSOR	4	EACH
VIDEO ELECTRIC CABLE IN CONDUIT, NO. 16 3/C	552	FOOT
VIDEO BELDEN 8281 COAXIAL CABLE IN CONDUIT	552	FOOT
15 FT MAST ARM MOUNTED TO TEMP. WOOD POLES FOR CONNECTION OF VIDEO CAMERA	4	EACH

NOTE:
1) THE TEMPORARY PEDESTRIAN TRAFFIC SIGNALS CONTROLLING PEDESTRIAN MOVEMENT CROSSING GROVE STREET SHALL BE PRE-TIMED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN
PLAINFIELD ROAD
GROVE RD./WILMETTE AVE.

SCALE: N.T.S. DRAWN BY NMR
DATE: 7/9/2012 CHECKED BY DJL

PLOT DATE = 7/9/2012
FILE NAME = p:\civil_dot_dist1\design\phase 1\tt0816_GROVE_WILMET_TT02.dgn
PLOT SCALE = 20.0000 ' / IN.