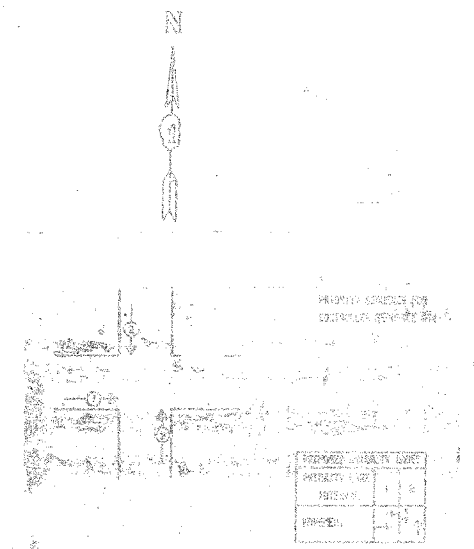
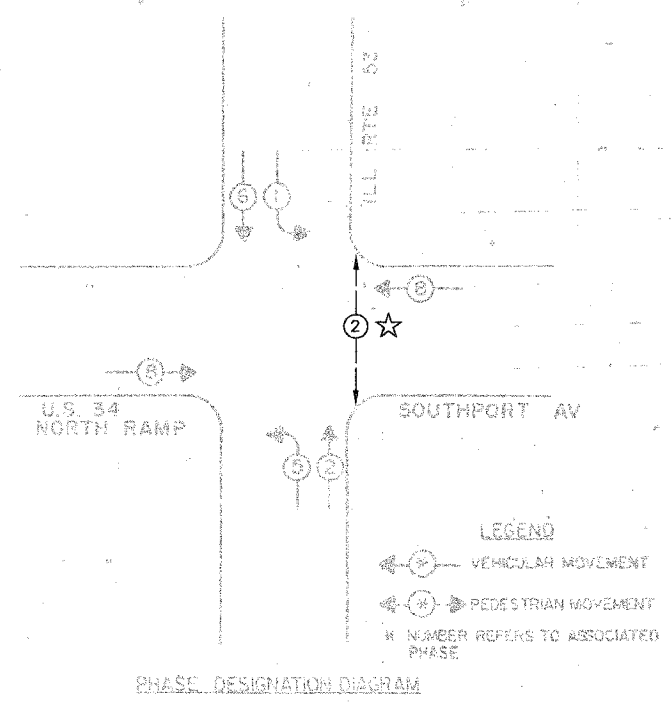
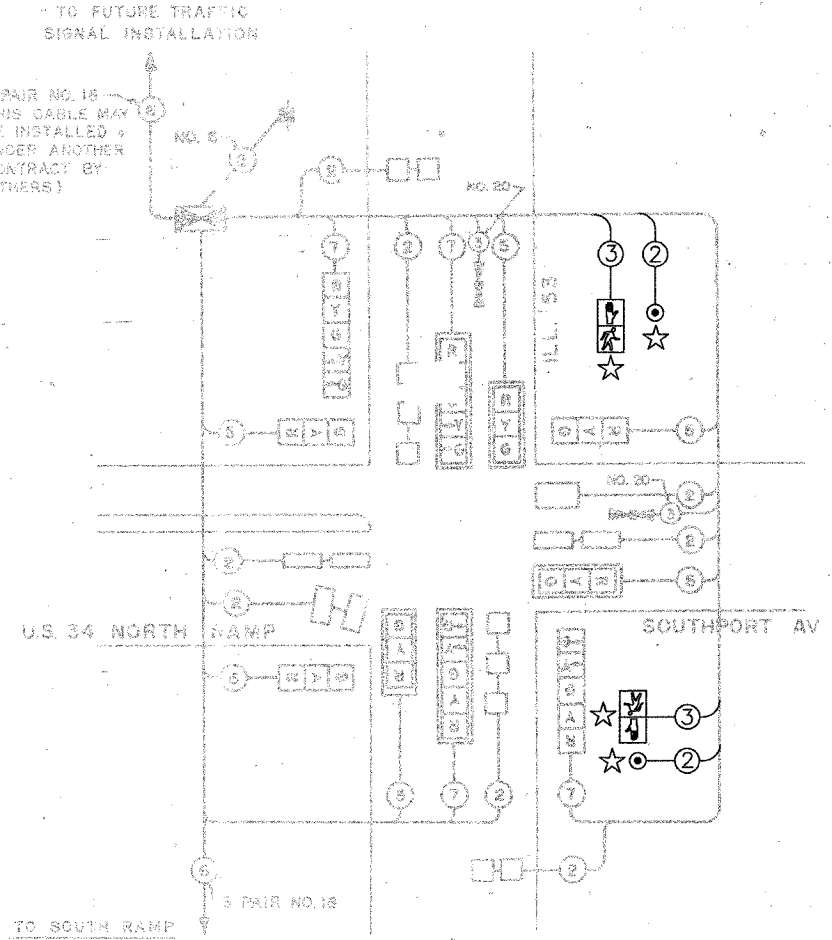


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	04-00051-00-SW	DuPAGE	46	26
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83820				

**CONTROLLER SEQUENCE III**  
 REFERRING TO STANDARD 2453, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.



- NOTES:**
1. IDENTIFICATION OF PHASES THIS SHALL BE WITH CIRCULAR HEAD AS SHOWN TOGETHER WITH A CIRCULAR RED.
  2. IDENTIFICATION OF PHASE 1 OR 2 SHALL BE WITH A YELLOW ARROW DISPLAYED TOGETHER WITH A CIRCULAR RED. AND FOLLOWED BY A PRIORITY LINE. IDENTICAL WITH DISPLAYS OF STANDARD 2453.
  3. IDENTIFICATION OF PHASE 3 OR 4 OF THE SIGNAL SHALL BE WITH A CIRCULAR YELLOW DISPLAY FOLLOWED BY A PRIORITY LINE. IDENTICAL WITH DISPLAYS OF STANDARD 2453.
  4. THE IDENTIFICATION OF PHASE 5 OR 6 SHALL BE WITH A CIRCULAR YELLOW DISPLAY FOLLOWED BY A PRIORITY LINE. IDENTICAL WITH DISPLAYS OF STANDARD 2453. PHASE 5 OR 6 SHALL BE WITH A CIRCULAR RED. IDENTICAL TO STANDARD 2453.
  5. IDENTIFICATION OF ALL PEDESTRIAN PHASES SHALL BE WITH A CIRCULAR RED. IDENTICAL TO STANDARD 2453.
  6. IDENTIFICATION OF ALL PRIORITY PHASES SHALL BE WITH A CIRCULAR RED. IDENTICAL TO STANDARD 2453. EXCEPT WHEN THE GREEN DISPLAYS ARE IN THE TRUCK SIGNAL, IT IS IDENTICAL TO STANDARD 2453. IDENTICAL TO STANDARD 2453.



- CABLE PLAN LEGEND**
- 8" TRAFFIC SIGNAL SECTION
  - 12" TRAFFIC SIGNAL SECTION
  - CONTROLLER CASKET
  - SERVICE INSTALLATION
  - VEHICLE DETECTOR, INDUCTOR LOOP
  - DETECTORS RANGE OF CONDUCTORS (NEW). ALL LOOP TELEPHONE CABLES TO BE SHIELDED. ALL CABLE NO. 14 EXCEPT AS INDICATED.
  - INDICATES EXISTING CABLE
  - INDICATES EXISTING CABLE
  - OPTICAL DETECTOR
  - SIGNAL HEAD WITH BACKPLATE
  - "P" INDICATES PROPOSED
  - PUSHBUTTON DETECTOR
  - 12" (300mm) PEDESTRIAN SIGNAL SECTION

**SCHEDULE OF QUANTITIES**

QUANTITY	UNIT	ITEM	QTY
16.5	SQ. FT.	SIGN PANEL TYPE J	16.5
3	EACH	SIGNAL HEAD, ALUMINUM, 1-FACE 3-SECTION, BRACKET MOUNTED	3
3	EACH	SIGNAL HEAD, ALUMINUM, 1-FACE 3-SECTION, MAST ARM MOUNTED	3
2	EACH	SIGNAL HEAD, ALUMINUM, 1-FACE 5-SECTION, BRACKET MOUNTED	2
2	EACH	SIGNAL HEAD, ALUMINUM, 1-FACE 5-SECTION, MAST ARM MOUNTED	2
5	EACH	TRAFFIC SIGNAL BACKPLATE	5
3	EACH	TRAFFIC SIGNAL POST, FINNONS 14'	3
2	EACH	TRAFFIC SIGNAL POST, FINNONS 16'	2
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 22 FT.	1
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 30 FT.	1
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 36 FT.	1
1	EACH	FULL-AUTOMATED CONTROLLER, STANDARD SEQUENCE III, 5 PHASES, IN TYPE IV CABINET	1
8	EACH	INDUCTOR LOOP DETECTOR AND PILE	8
339	LINE FT.	DETECTOR LOOP	339
252	LINE FT.	GALVANIZED STEEL CONDUIT IN TRENCH 1-1/4"	252
34	LINE FT.	GALVANIZED STEEL CONDUIT IN TRENCH 2-1/2"	34
799	LINE FT.	GALVANIZED STEEL CONDUIT IN TRENCH 2"	799
40	LINE FT.	GALVANIZED STEEL CONDUIT IN TRENCH 2-1/2"	40
10	LINE FT.	GALVANIZED STEEL CONDUIT IN TRENCH 4"	10

**SCHEDULE OF QUANTITIES**

QUANTITY	UNIT	ITEM	QTY
1012	LINE FT.	GALVANIZED STEEL CONDUIT, PUSHER 2"	1012
212	LINE FT.	GALVANIZED STEEL CONDUIT, PUSHER 2-1/2"	212
40	LINE FT.	GALVANIZED STEEL CONDUIT, PUSHER 3"	40
99	LINE FT.	GALVANIZED STEEL CONDUIT ATTACHED TO STRUCTURE 2"	99
15	LINE FT.	PVC CONDUIT IN TRENCH 1"	15
15	LINE FT.	PVC CONDUIT IN TRENCH 1"	15
932	LINE FT.	ELECTRIC CABLE IN CONDUIT NO. 14 2/C	932
672	LINE FT.	ELECTRIC CABLE IN CONDUIT NO. 14 2/C	672
1562	LINE FT.	ELECTRIC CABLE IN CONDUIT NO. 14 2/C TWISTED, SHIELDED	1562
1012	LINE FT.	ELECTRIC CABLE IN CONDUIT NO. 14 3 PAIR TWISTED SHIELDED	1012
1	EACH	SERVICE INSTALLATION, TYPE C	1
15	LINE FT.	CONCRETE FOUNDATION, TYPE 1	15
3.5	LINE FT.	CONCRETE FOUNDATION, TYPE 1	3.5
10	LINE FT.	CONCRETE FOUNDATION, TYPE 1 24-INCH DIAMETER	10
50	LINE FT.	CONCRETE FOUNDATION, TYPE 1 30-INCH DIAMETER	50
3	EACH	CONCRETE MANHOLE	3
2	EACH	CONCRETE HEAVY DUTY MANHOLE	2
1	EACH	CONCRETE PIPER MANHOLE	1
1121	LINE FT.	TRENCH AND BACKFILL	1121
1	SACK	COORDINATION SAND	1
1	EACH	TELETYPE MANHOLE	1

**SCHEDULE OF QUANTITIES**  
 IL ROUTE 53 (Lincoln Avenue) and U.S. 34 (North Ramp)

QUANTITY	UNIT	ITEM	QTY
1	EACH	MAINTENANCE OF TRAFFIC SIGNAL INSTALLATION	1
452	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	452
470	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	470
2	EACH	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE BRACKET MOUNTED	2
2	EACH	PEDESTRIAN PUSH-BUTTON	2
1	EACH	MODIFY EXISTING CONTROLLER	1

**SCHEDULE OF SIGNAL HEADS**

QUANTITY	DESCRIPTION	QTY
3	SIGNAL HEAD, ALUMINUM, 1-FACE 3-SECTION WITH 12" LENSES, BRACKET MOUNTED	3
3	SIGNAL HEAD, ALUMINUM, 1-FACE 3-SECTION WITH 12" LENSES, MAST ARM MOUNTED	3
2	SIGNAL HEAD, ALUMINUM, 1-FACE 5-SECTION WITH 12" LENSES, BRACKET MOUNTED	2
2	SIGNAL HEAD, ALUMINUM, 1-FACE 5-SECTION WITH 12" LENSES, MAST ARM MOUNTED	2

NOTE: THIS PLAN IS FOR THE SOLE PURPOSE OF INSTALLING PEDESTRIAN SIGNALS AND OTHER MODIFICATIONS AS INDICATED BY A "P". ALL OTHER WORK SHOWN IS FOR INFORMATION ONLY.

**REVISIONS**

NO.	NAME	DATE
1	ADDITION OF PEDESTRIAN EQUIPMENT	04/25/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 GALE PLAN  
 PHASE DESIGNATION DIAGRAM  
 SCHEDULE OF SIGNAL HEADS  
 SCHEDULE OF QUANTITIES  
 ILL 53 & U.S. 34 (NORTH RAMP)  
 SCALE: NONE  
 DATE: 12-17-85  
 DRAWN BY: DWH  
 DESIGNED BY: EGT  
 CHECKED BY: EGT

Plans revised by JAMES J. BENES & ASSOCIATES