CONTRACT NO. 66526

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	* *	KANKAKEE	48	4

STA. __ TO STA. __

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

* FAP 840 (IL 50) & FAP 330 (IL 17)
* * (139 Z, 11) TS-1 & (1) TS-2

CONSTRUCTION NOTES:

REMOVE AND REPLACE TRAFFIC SIGNAL POST ON EXISTING FOUNDATION IN SOUTHWEST CORNER. INSTALL NEW 5-SECTION LED HEAD. REMOVE AND REINSTALL EXISTING PEDESTRIAN SIGNAL HEAD.

REMOVE TWO (2) TRAFFIC SIGNAL POSTS AND FOUNDATIONS ON NORTH SIDE. INSTALL MAST ARM ASSEMBLY AND POLE WITH TWO (2) NEW 3-SECTION LED HEADS AND NEW PEDESTRIAN HEAD.

REPLACE 4-SECTION HEAD ON MAST ARM IN NORTHWEST CORNER WITH 5-SECTION LED HEAD.
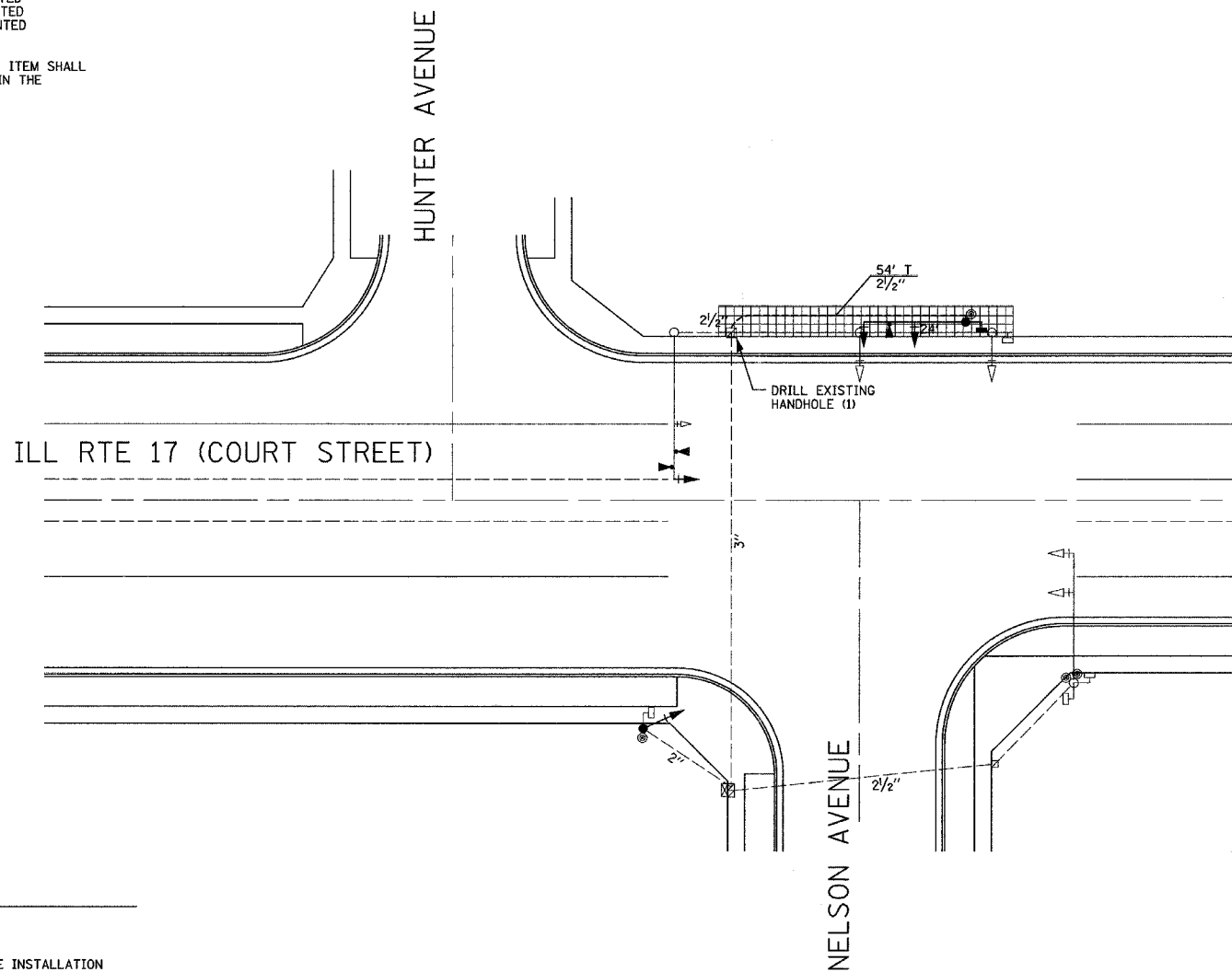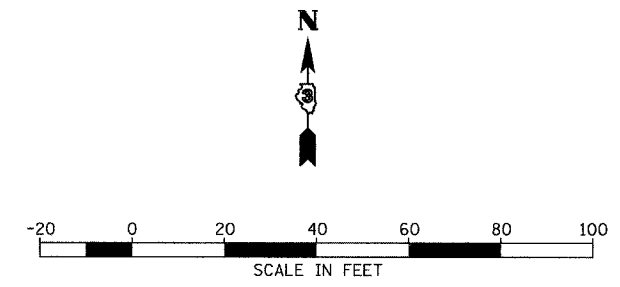
RETROFIT THE REMAINING THREE (3) 3-SECTION HEADS WITH LED HEADS.

RETROFIT THE REMAINING THREE (3) PEDESTRIAN HEADS WITH LED SYMBOL HEADS.

REMOVE AND REPLACE THE FOUR (4) PEDESTRIAN PUSH - BUTTONS.

REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
  3 EACH - TRAFFIC SIGNAL POST
  1 EACH - SIGNAL HEAD, 1-FACE, 4-SECTION, MAST ARM MOUNTED
  1 EACH - SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED
  2 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
  1 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
  4 EACH - PEDESTRIAN PUSH - BUTTONS

THE REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT PAY ITEM SHALL BE USED TO FACILITATE THE PLACEMENT OF ADDITIONAL CABLE IN THE EXISTING CONDUIT.

N

-20 0 20 40 60 80 100

SCALE IN FEET

HUNTER AVENUE

ILL RTE 17 (COURT STREET)

NELSON AVENUE

54' T 2½"

2½"

DRILL EXISTING HANDHOLE (1)

TRAFFIC SIGNALS LEGEND

EXISTING	PROPOSED	
		SERVICE INSTALLATION
		CONTROLLER CABINET
		CONDUIT
		SIGNAL HEAD WITH BACKPLATE
		STEEL MAST ARM
		TRAFFIC SIGNAL POST
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSH BUTTON
		EMERGENCY VEHICLE LIGHT DETECTOR

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	③	⑤
44100100	PAVEMENT REPLACEMENT	SQ YD	56	56	--
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3	3	--
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	0.25	0.25	--
66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	--
72000100	SIGN PANEL-TYPE 1	SQ FT	10	10	--
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	54	54	--
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	54	54	--
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	1	--
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	204	204	--
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	463	463	--
87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1	1	--
87800415	CONCRETE FOUNDATION, TYPE E, 36 INCH DIAMETER	FOOT	11	11	--
87900200	DRILL EXISTING HANDHOLE	EACH	1	1	--
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2	2	--
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	1	--
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1	1	--
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	1	1	--
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	4	4	--
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4	4	--
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1	1	--
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1	1	--
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	601	601	--
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	402	402	--
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	--
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	2	--
X0323336	LED SIGNAL FACE RETROFIT, RED BALL	EACH	3	3	--
X0323337	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	3	3	--
X0323418	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	3	3	--
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	352	352	--
X8860100	LOOP DETECTOR TESTING	EACH	1	1	--
XX002179	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 20 3/C	FOOT	634	634	--
XX004444	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED, RETROFIT	EACH	3	--	3
*3001707	LIGHT DETECTOR, INSTALLATION ONLY	EACH	3	--	3
*3001826	CONFIRMATION BEACON, INSTALLATION ONLY	EACH	3	--	3
*3001708	LIGHT DETECTOR AMPLIFIER, INSTALLATION ONLY	EACH	3	--	3

LEGEND

	PAVEMENT REPLACEMENT

LEGEND

① 80% FEDERAL, 20% STATE
② 80% FEDERAL, 15% STATE, 5% CITY
③ 80% FEDERAL, 13.3% STATE, 6.7% CITY
④ 80% FEDERAL, 10% STATE, 10% CITY
⑤ 100% CITY

REVISIONS		
NAME	DATE	
ARR	4/07	

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
FAP 330 (IL 17)-COURT STREET
AND NELSON AVENUE
SECTION (139 Z, 11) TS-1 & (1) TS-2
KANKAKEE COUNTY

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'
DATE 6/05

DRAWN BY ARR
CHECKED BY JLS