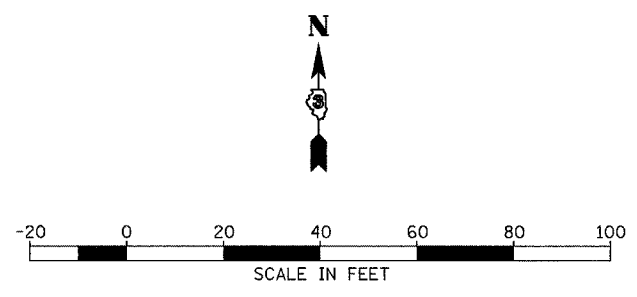


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	.	KANKAKEE	48	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

CONSTRUCTION NOTES:

- REMOVE EXISTING CONTROLLER, CABINET AND FOUNDATION.
- INSTALL NEW CONTROLLER AND CABINET. INSTALL UNINTERRUPTIBLE POWER SUPPLY.
- RETROFIT ONE (1) 3-SECTION BRACKET MOUNTED HEAD WITH LED HEAD IN THE SOUTHEAST CORNER.
- REPLACE THREE (3) 3-SECTION BRACKET-MOUNTED HEADS AND TWO (2) 3-SECTION MAST ARM MOUNTED HEADS WITH LED HEADS.
- REPLACE EIGHT (8) PEDESTRIAN HEADS WITH LED SYMBOL HEADS.
- INSTALL NEW CABLE IN THE NEW CROSSROAD CONDUITS. EXISTING CABLE SHALL REMAIN IN THE EXISTING CROSSROAD CONDUITS.
- REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
 - 1 EACH - CONTROLLER AND CABINET W/ ALL CONTENTS
 - 2 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
 - 3 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
 - 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
- THE REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT PAY ITEM SHALL BE USED TO FACILITATE THE PLACEMENT OF ADDITIONAL CABLE IN THE EXISTING CONDUIT.
- MOUNT THE EASTBOUND AND THE WESTBOUND EMERGENCY VEHICLE LIGHT DETECTOR AND CONFIRMATION BEACON ON THE TRAFFIC SIGNAL POST IN THE NORTHEAST CORNER.

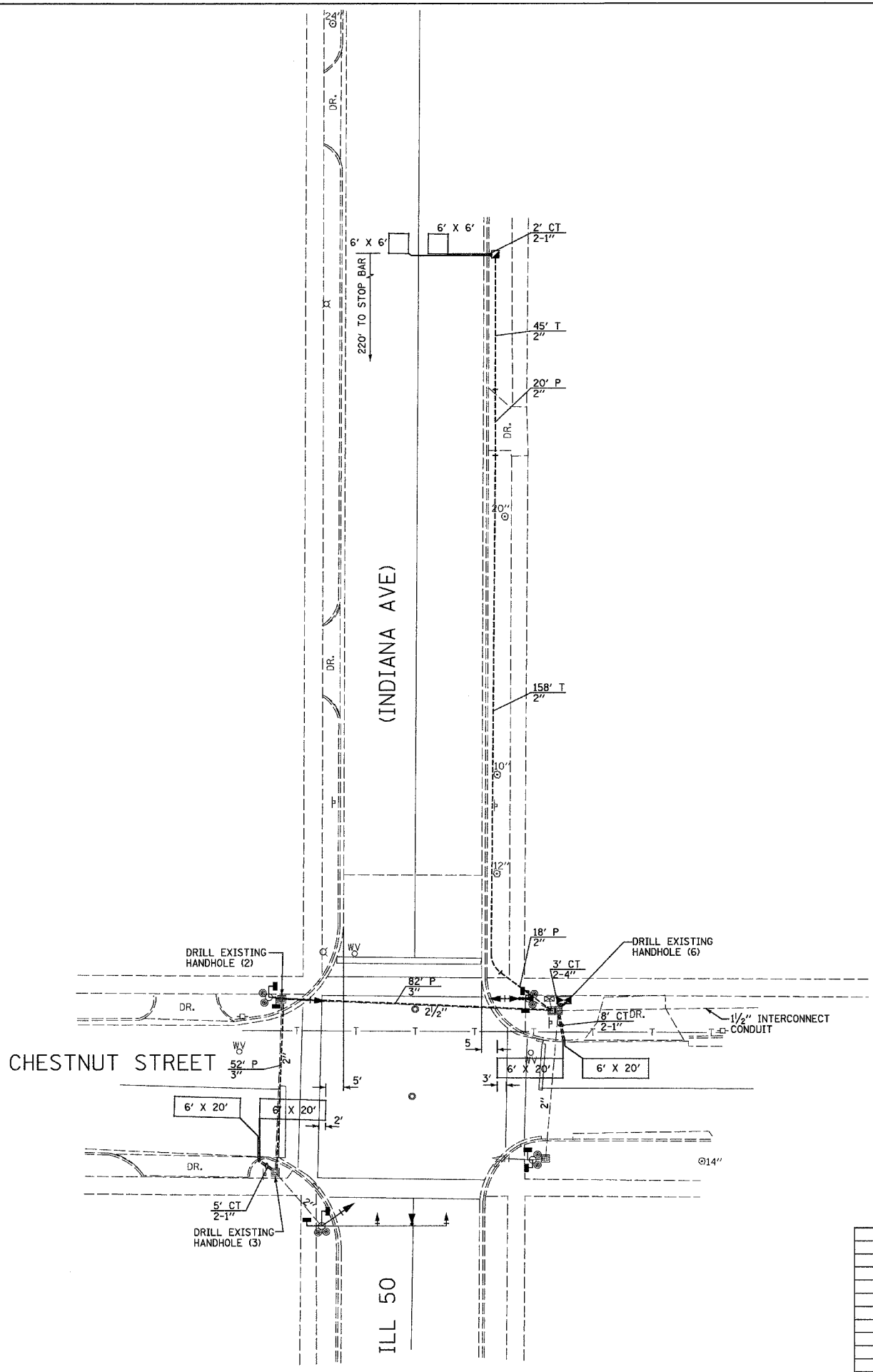


SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	④	⑤
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	30	30	--
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	203	203	--
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	6	6	--
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	38	38	--
81021350	CONDUIT PUSHED, 3" DIA., PVC	FOOT	134	134	--
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	1	--
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	226	226	--
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	1	--
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	1	--
86400100	TRANSCEIVER-FIBER OPTIC	EACH	1	1	--
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	898	898	--
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1PAIR	FOOT	452	452	--
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5	3.5	--
87900200	DRILL EXISTING HANDHOLE	EACH	11	11	--
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3	3	--
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2	2	--
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	8	8	--
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	5	5	--
88500100	INDUCTIVE LOOP DETECTOR	EACH	3	3	--
88600100	DETECTOR LOOP, TYPE 1	FOOT	338	338	--
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8	8	--
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	737	737	--
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	--
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1	--
X0323336	LED SIGNAL FACE RETROFIT, RED BALL	EACH	1	1	--
X0323337	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	1	1	--
X0323418	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	1	1	--
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	292.5	292.5	--
XX002179	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 20 3/C	FOOT	337	337	--
*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

- 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



TRAFFIC SIGNALS LEGEND

EXISTING	PROPOSED	DESCRIPTION
□	■	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

REVISIONS

NAME	DATE
ARR	4/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL PLAN
 FAP 840 (IL 50)-INDIANA AVENUE
 AND CHESTNUT STREET
 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

PLOT DATE = 4/07
 FILE NAME = CHESTNUT-INDIANA.DGN
 PLOT SCALE = 1" = 20'
 USER NAME = ARR