

COUNTY HIGHWAY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
W43	2005		

**LEGEND**

- |  |  |
|--|--|
|  | EXISTING CONDUIT   |
|  | EMERGENCY VEHICLE SYSTEM DETECTOR                            |
|  | CONFIRMATION BEACON  |
|  | PEDESTRIAN PUSHBUTTON  |
|  | DETECTOR LOOP  |
|  | TEMPORARY WOOD POLE  |
|  | DETECTION ZONE   |
|  | COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE |

**CONSTRUCTION NOTES**

- 1 REMOVE EXISTING CONTROLLER AND CABINET. INSTALL NEW CONTROLLER AND TYPE IV CABINET ON EXISTING FOUNDATION.
- 2 REMOVE EXISTING SERVICE INSTALLATION. INSTALL NEW SERVICE INSTALLATION, POLE MOUNT. REMOVE EXISTING ELECTRIC CABLE AND INSTALL NEW ELECTRIC CABLE NO. 4 2C.
- 3 REMOVE EXISTING TRAFFIC SIGNAL POST, SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION PEDESTRIAN SIGNAL HEAD, 1-FACE, AND PEDESTRIAN PUSH-BUTTON. INSTALL NEW TRAFFIC SIGNAL POST ON EXISTING TYPE A FOUNDATION. INSTALL NEW SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED, AND PEDESTRIAN PUSH-BUTTON ON POST. REUSE EXISTING ELECTRIC CABLES.
- 4 REMOVE EXISTING SIGNAL HEAD, 1-FACE, 3-SECTION. INSTALL NEW SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, WITH BACKPLATE. REUSE EXISTING ELECTRIC CABLE.
- 5 REMOVE EXISTING SIGNAL HEAD, 1-FACE, 5-SECTION. INSTALL NEW SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, WITH BACKPLATE. REUSE EXISTING ELECTRIC CABLE.
- 6 REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, 1-FACE, AND PEDESTRIAN PUSH-BUTTON. INSTALL NEW PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED, AND PEDESTRIAN PUSH-BUTTON. REUSE EXISTING ELECTRIC CABLES.
- 7 INSTALL NEW EMERGENCY VEHICLE PRIORITY SYSTEM DETECTION UNIT TO EXISTING MAST ARM. INSTALL NEW ELECTRIC CABLES NO. 14 3C AND NO. 20 3/C.

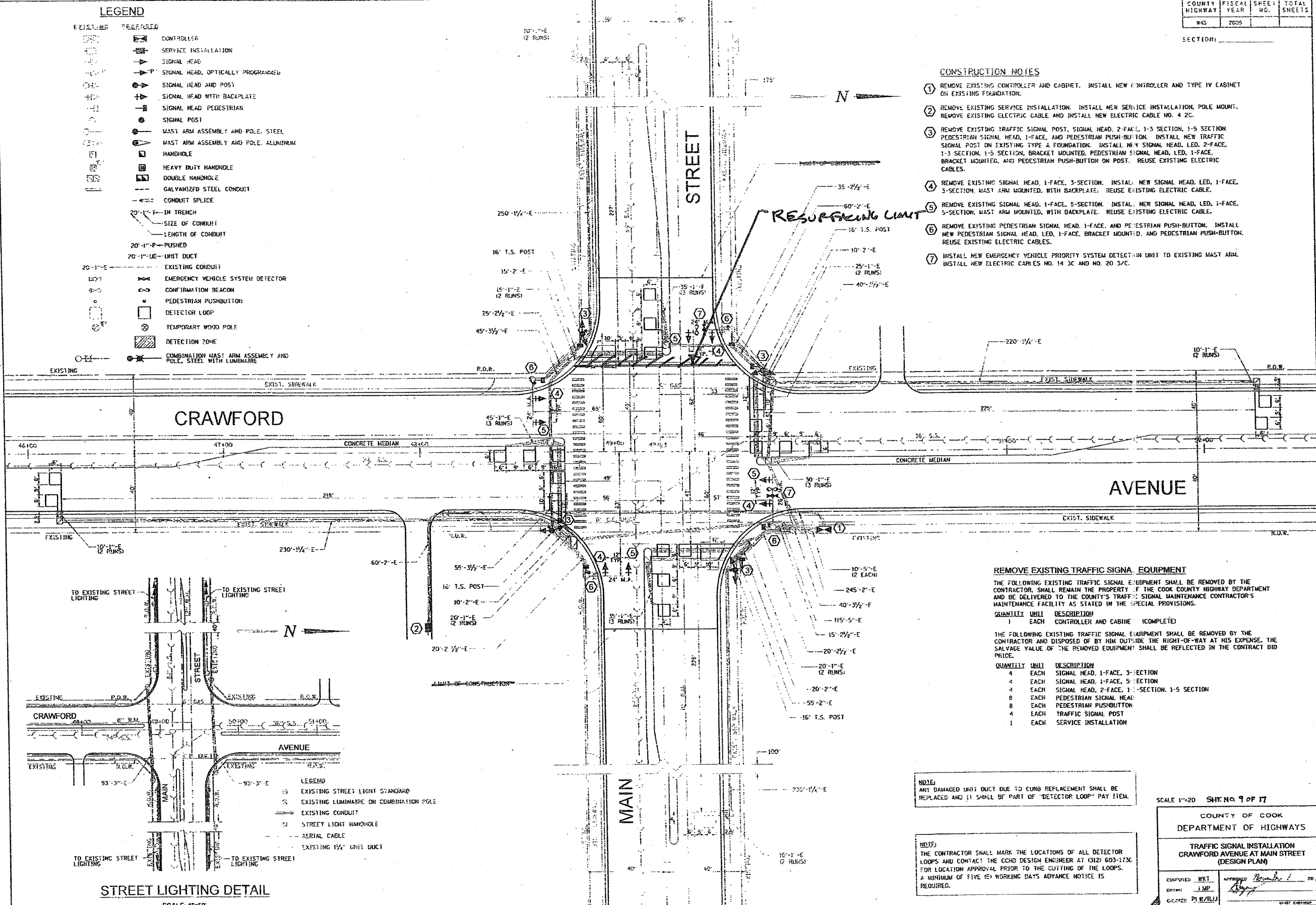
**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE COOK COUNTY HIGHWAY DEPARTMENT AND BE DELIVERED TO THE COUNTY'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAINTENANCE FACILITY AS STATED IN THE SPECIAL PROVISIONS.

QUANTITY	UNIT	DESCRIPTION
1	EACH	CONTROLLER AND CABINET (COMPLETE)
4	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
4	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
4	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
8	EACH	PEDESTRIAN SIGNAL HEAD
8	EACH	PEDESTRIAN PUSHBUTTON
4	EACH	TRAFFIC SIGNAL POST
1	EACH	SERVICE INSTALLATION

**NOTE:**  
ANY DAMAGED UNIT DUCT DUE TO CURB REPLACEMENT SHALL BE REPLACED AND IT SHALL BE PART OF "DETECTOR LOOP" PAY ITEM.

**NOTE:**  
THE CONTRACTOR SHALL MARK THE LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE CCHD DESIGN ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.



**STREET LIGHTING DETAIL**

SCALE 1"=50'

SCALE 1"=20' SHY. NO. 9 OF 17

COUNTY OF COOK  
DEPARTMENT OF HIGHWAYS

TRAFFIC SIGNAL INSTALLATION  
CRAWFORD AVENUE AT MAIN STREET  
(DESIGN PLAN)

COMPUTED: WKT  
DRAWN: JMP  
CHECKED: PLE/BLJ

APPROVED: [Signature]  
DATE: 10/20/05

DATE: 10/20/05