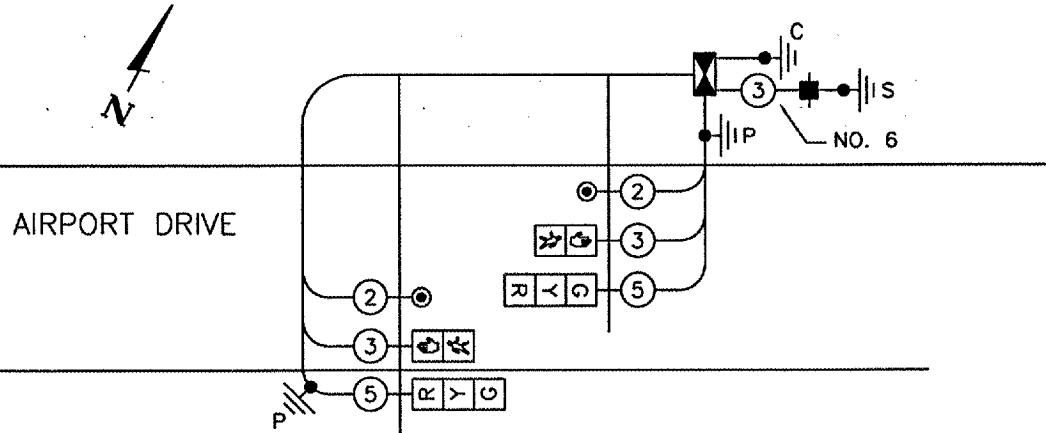


NOTES

1. TRAFFIC CONTROL EQUIPMENT SHALL BE MANUFACTURED BY EAGLE.
2. A BATTERY BACKUP SYSTEM NOVUS XT 1000P-700 WATT (MANUFACTURED BY ALPHA TECHNOLOGIES) SHALL BE INSTALLED IN THE TYPE V CONTROLLER CABINET WITH A BMS-4 EXTERNAL BATTERY ENCLOSURE. THE EXTERNAL BATTERY ENCLOSURE SHOULD MOUNT TO THE POWER PANEL SIDE OF THE TYPE V CABINET WITH 4 SHELVES TO STORE THE BATTERIES. THE SYSTEM SHALL BE CAPABLE OF 3-HOUR MINIMUM BATTERY LIFE TO PROVIDE ONE HOUR OF FULL FUNCTIONING SIGNAL AND 2 HOURS OF FLASHING RED.
3. ALL TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE) AND MANUFACTURED BY DIALIGHT OR APPROVED EQUIVALENT.
4. ALL PEDESTRIAN TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE) WITH COUNTDOWN FEATURE AND MANUFACTURED BY DIALIGHT OR APPROVED EQUIVALENT.
5. CURB RAMP FOR SIDEWALKS SHALL BE CONSTRUCTED AT ALL CROSS-WALKS. (PER IDOT STD. 424001-03)
6. ALL TRAFFIC SIGNAL EQUIPMENT IS TO BE POWDER COATED "DARK BRONZE" EXCEPT FOR THE SIGNAL HEADS, WHICH SHALL BE BLACK.



CABLE PLAN

NOT TO SCALE

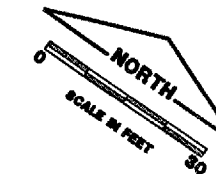
LEGEND

- PEDESTRIAN SIGNAL SECTION
- CONTROLLER CABINET
- SERVICE INSTALLATION
- DENOTES NUMBER OF CONDUCTORS
ALL CABLE NO. 14 EXCEPT AS INDICATED
ALL LOOP DETECTOR CABLE TO BE SHIELDED
- PEDESTRIAN PUSHBUTTON DETECTOR
- GROUND ROD AT HANDHOLE (H)
DOUBLE HANDHOLE (H)
OR CONTROLLER (C)
- GROUND ROD AT POST (P)
OR MAST ARM POLE (MA)
- GROUND ROD AT ELECTRIC SERVICE INSTALLATION

TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD PEDESTRIAN
- SIGNAL POST
- PEDESTRIAN PUSHBUTTON DETECTOR
- HANDHOLE
- GRS CONDUIT IN TRENCH OR PUSHED

R0010
TOTAL SHEETS = 24



REVISIONS

NUMBER	BY	DATE

0 1
THIS BAR IS EQUAL TO 1"
AT FULL SCALE (17 X 11).

GREATER ROCKFORD AIRPORT AUTHORITY
ROCKFORD, ILLINOIS
ILLINOIS PROJECT, RFD-2820
NORTH AND WEST AUTO PARKING
ELECTRICAL DETAILS - 4

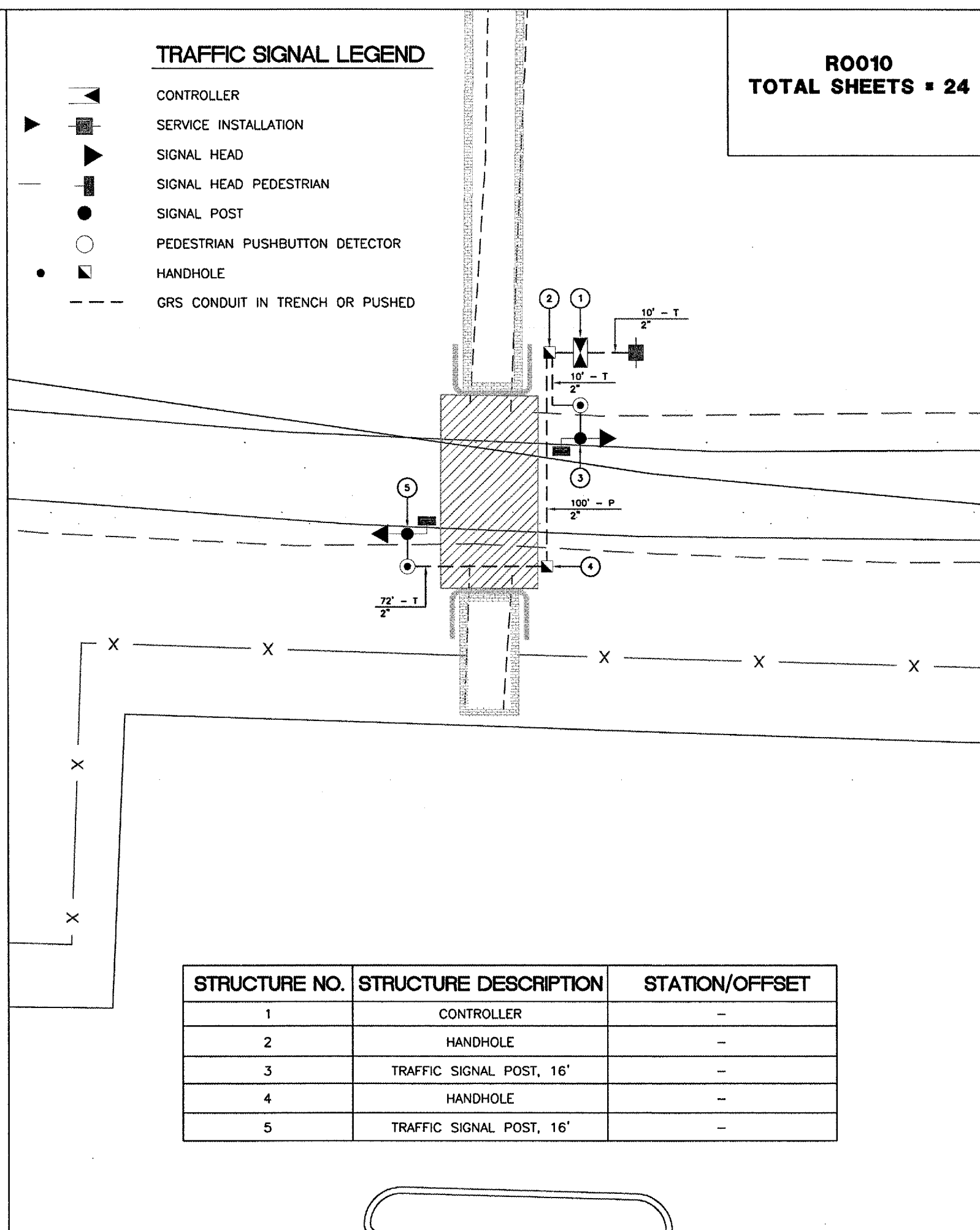
CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS

Northwest
Chicago
International
Airport

DESIGN BY: AB
DRAWN BY: CMT
CHECKED BY: AB
APPROVED BY:
DATE: 5.13.2005
JOB No: 05258-04-00

16 (ED4)

SHEET 16 OF 24 SHEETS



STRUCTURE NO.	STRUCTURE DESCRIPTION	STATION/OFFSET
1	CONTROLLER	-
2	HANDHOLE	-
3	TRAFFIC SIGNAL POST, 16'	-
4	HANDHOLE	-
5	TRAFFIC SIGNAL POST, 16'	-