

4" DIA. GALV. ST'L. PIPE,
SCHEDULE 80 - TO BE FILLED
W/ CONCRETE

FINISHED GRADE LINE

CLASS 'X' CONCRETE
FOUNDATION.
(COST INCIDENTAL)

±12" DIA.

NOTE: EXACT LOCATION OF
GUARD POSTS SHALL BE
DETERMINED BY THE ENGR.

SIGNAL POST GUARD DETAIL

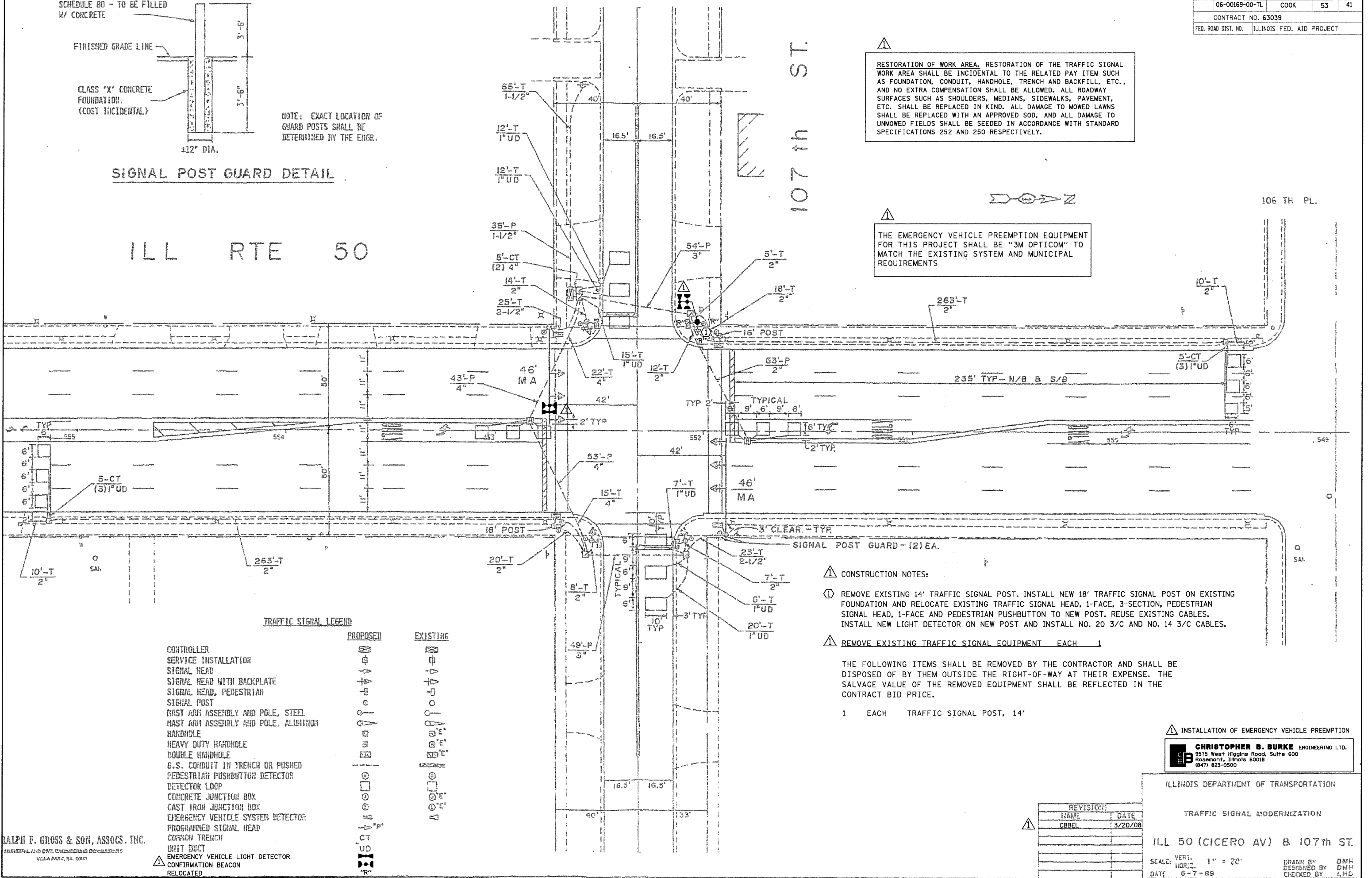
ILL RTE 50

107th ST.

106 TH. PL.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS PROJECT SHALL BE "3M OPTICOM" TO MATCH THE EXISTING SYSTEM AND MUNICIPAL REQUIREMENTS



TRAFFIC SIGNAL LEGEND

- | | | |
|--------------------------------------|-----------------|-----------------|
| | PROPOSED | EXISTING |
| CONTROLLER | [Symbol] | [Symbol] |
| SERVICE INSTALLATION | [Symbol] | [Symbol] |
| SIGNAL HEAD | [Symbol] | [Symbol] |
| SIGNAL HEAD WITH BACKPLATE | [Symbol] | [Symbol] |
| SIGNAL HEAD, PEDESTRIAN | [Symbol] | [Symbol] |
| SIGNAL POST | [Symbol] | [Symbol] |
| MAST ARM ASSEMBLY AND POLE, STEEL | [Symbol] | [Symbol] |
| MAST ARM ASSEMBLY AND POLE, ALUMINUM | [Symbol] | [Symbol] |
| HANDHOLE | [Symbol] | [Symbol] |
| HEAVY DUTY HANDHOLE | [Symbol] | [Symbol] |
| DOUBLE HANDHOLE | [Symbol] | [Symbol] |
| G.S. CONDUIT IN TRENCH OR PUSHED | [Symbol] | [Symbol] |
| PEDESTRIAN PUSHBUTTON DETECTOR | [Symbol] | [Symbol] |
| DETECTOR LOOP | [Symbol] | [Symbol] |
| CONCRETE JUNCTION BOX | [Symbol] | [Symbol] |
| CAST IRON JUNCTION BOX | [Symbol] | [Symbol] |
| EMERGENCY VEHICLE SYSTEM DETECTOR | [Symbol] | [Symbol] |
| PROGRAMMED SIGNAL HEAD | [Symbol] | [Symbol] |
| COMMON TRENCH | [Symbol] | [Symbol] |
| UNIT DUCT | [Symbol] | [Symbol] |
| EMERGENCY VEHICLE LIGHT DETECTOR | [Symbol] | [Symbol] |
| CONFIRMATION BEACON | [Symbol] | [Symbol] |
| RELOCATED | [Symbol] | [Symbol] |

CONSTRUCTION NOTES:

- 1 REMOVE EXISTING 14' TRAFFIC SIGNAL POST. INSTALL NEW 18' TRAFFIC SIGNAL POST ON EXISTING FOUNDATION AND RELOCATE EXISTING TRAFFIC SIGNAL HEAD, 1-FACE, 3-SECTION, PEDESTRIAN SIGNAL HEAD, 1-FACE AND PEDESTRIAN PUSHBUTTON TO NEW POST. REUSE EXISTING CABLES. INSTALL NEW LIGHT DETECTOR ON NEW POST AND INSTALL NO. 20 3/C AND NO. 14 3/C CABLES.

- 1 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH TRAFFIC SIGNAL POST, 14'

INSTALLATION OF EMERGENCY VEHICLE PREEMPTION

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION

ILL 50 (CICERO AV) & 107th ST.

REVISIONS	
NAME	DATE
CBEL	3/20/08

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'
DATE: 6-7-89
DRAWN BY: DMH
DESIGNED BY: DMH
CHECKED BY: LHD