

53RD AVE.

COOK AVE.

TRAFFIC SIGNAL LEGEND

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00169-00-TL		COOK	53	13
CONTRACT NO. 63039				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

PULL OUT EXISTING 2/C TWISTED SHIELDED CABLE FROM HANDHOLE TO CONTROLLER FOR SB LEFT LANE LOOP (150 L.F.) AND ABANDON EXISTING CONDUIT AND 2/C TWISTED SHIELDED CABLE FROM EXISTING JUNCTION BOX TO EXISTING INTERSECTION HANDHOLE

PULL OUT EXISTING 5/C CABLES FROM HANDHOLE TO CONTROLLER FOR NB FAR LEFT AND SB NEAR RIGHT SIGNALS (2 x 198 L.F. EACH), 2/C & 3/C CABLES FOR PED. SIGNAL CROSSING THE NORTH LEG (2 x 198 L.F. EACH)

PULL OUT EXISTING 2/C & 3/C CABLES TO CONTROLLER FOR PED. SIGNAL CROSSING THE WEST LEG (2 x 208 L.F. EACH) AND 5/C CABLES FROM WB MAST ARM SIGNALS (244 L.F. & 233 L.F.)

(45'-E-1 1/2") TO FIRE STATION

(26'-E-2")

(10'-E-2 1/2")

(20'-E-2 1/2")

(5'-E-2")

(94'-E-3")

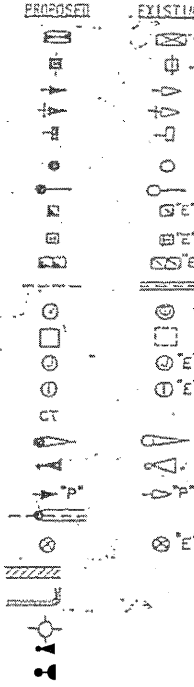
(127'-E-3")

(5'-E-2 1/2")

(23'-E-4")

(80'-E-1 1/2")

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN TRENCH OR PUSHED
- PEDESTRIAN PUSHBUTTON DETECTOR
- DETECTOR LOOP
- CONCRETE JUNCTION BOX
- CAST IRON JUNCTION BOX
- COMMON TRENCH
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- EMERGENCY VEHICLE SYSTEM DETECTOR
- SIGNAL HEAD OPTICALLY PROGRAMMED
- CONDUIT SPLICE
- WOOD POLE
- SIDEWALK TO BE REMOVED & REPLACED
- COMB. CURB & GUTTER TO BE REMOVED & REPLACED
- RELOCATED LUMINAIRE, 40' MH
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON



25 SF. SIDEWALK REMOVAL
25 SF. PORTLAND CEMENT
CONCRETE SIDEWALK 5 INCH

EXIST. R.O.W.

U.S. RTE. 12/20 (95TH ST.)

EXIST. R.O.W.

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.

INSTALLATION OF EMERGENCY VEHICLE PREEMPTION

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

REVISIONS	
NAME	DATE
KSM	5-23-94
CBBEL	3/20/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. RTE. 12/20 (95th ST.)

TRAFFIC SIGNAL MODERNIZATION

U.S. 12/20 @ COOK AVE.

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'
DATE 5-21-94

DRAWN BY
DESIGNED BY
CHECKED BY