

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	48	17
CONTRACT NO. 63087				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

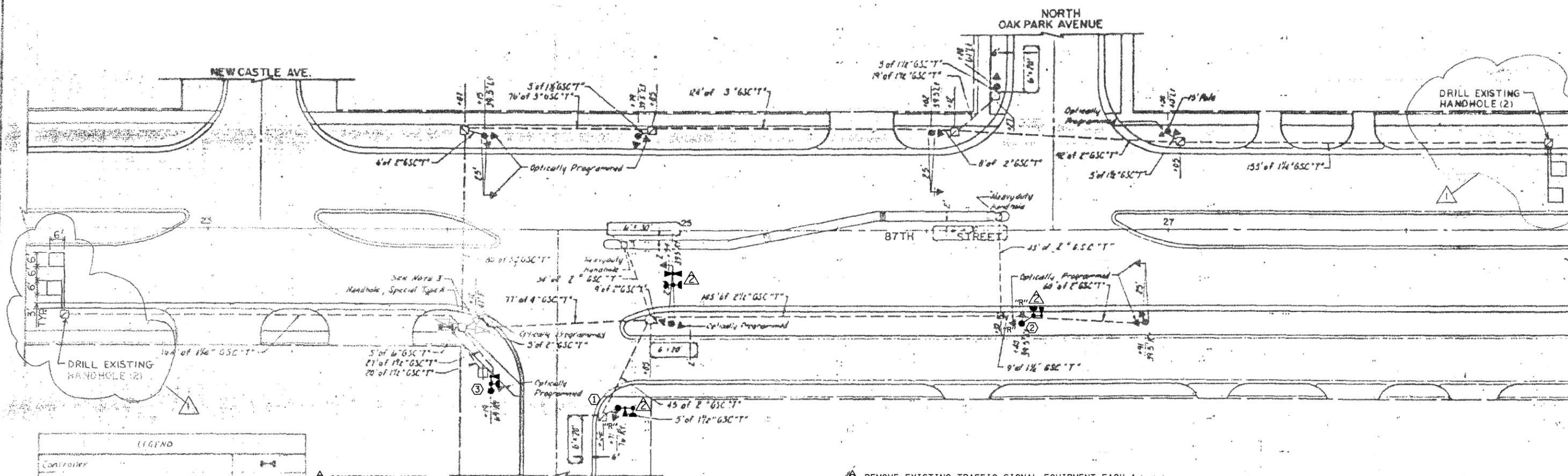
Note: Controller Settings to be set in the field as directed by the engineer.

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

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 SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

CARE IS TO BE TAKEN BY THE CONTRACTOR TO AVOID DAMAGE TO THE EXISTING TRAFFIC SIGNAL CONDUIT, DETECTORS, AND EQUIPMENT. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED CONDUIT OR EQUIPMENT AT NO COST TO THE COUNTY OR VILLAGE.



LEGEND	
Controller	[Symbol]
Service Installation, Type C	[Symbol]
Signal Head, Traffic Control	[Symbol]
Signal Head, Traffic Control, with Blade Plate	[Symbol]
Mounting Assembly and Pole, Special	[Symbol]
Handhole	[Symbol]
Galvanized Steel Conduit in Trench	G S C T
Galvanized Steel Conduit	[Symbol]
Loop Detector	[Symbol]
Post-Mount Signal Head	[Symbol]
Post-Mount Post Button Detector	[Symbol]

- CONSTRUCTION NOTES:**
- 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 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.
  - REMOVE EXISTING 14' TRAFFIC SIGNAL POST. INSTALL NEW 18' TRAFFIC SIGNAL POST ON EXISTING FOUNDATION AND RELOCATE EXISTING TRAFFIC SIGNAL HEAD, 2-FACE, 3-SECTION 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.
  - REMOVE EXISTING 16' TRAFFIC SIGNAL POST. INSTALL NEW 18' TRAFFIC SIGNAL POST ON EXISTING FOUNDATION AND RELOCATE EXISTING OPTICALLY PROGRAMMED TRAFFIC SIGNAL HEAD, 1-FACE, 4-SECTION 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.

- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1**
- 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.
- 2 EACH SIGNAL POST 14 FT.
  - 1 EACH SIGNAL POST 16 FT.

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE COUNTY AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE COUNTY'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- 1 EACH CONTROLLER

REPLACE MAGNETIC DETECTOR WITH DETECTOR LOOPS 02-28-01

**General Notes**

- Communications Division Co. to be contacted by the contractor for connection of Type C Service Installation.
- All Optically Programmed Signals shall be programmed in the field to the satisfaction of the Engineer and the Cook County Department of Highways.
- Signal Heads to be bracket mounted on proposed street light pole.

11-17, 21-70

REVISIONS	
NO.	DATE
1	6-27-08

**TYPE A-28**

COUNTY OF COOK  
DEPARTMENT OF HIGHWAYS

**PROPOSED TRAFFIC CONTROL  
SIGNAL PLAN**

87TH STREET & OAK PARK AVENUE

DATE 1-16-08  
CHECKED BY AJA

INSTALLATION OF EMERGENCY VEHICLE PREEMPTION

**CHRISTOPHER S. BURKE ENGINEERING LTD.**  
6515 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

N:\OakLawn\080363\Traffic\NEVP\_87th-OakPark.dgn