60819

NOTES	FAU RTE	SECTION	COUNTY	TOTAL SHEET	SHEET NO
	1225	(11&12)RS-6	LAKE	36	15

60819

1- ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS REQUIRED AND SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE LOOP DETECTOR AMPLIFIER MANUFACTURERS RECOMMENDATIONS. THE DETECTOR LOOP SHALL BE MEASURED FOR THAT PORTION OF SAW CUT BEYOND THE SPLICE AS SPECIFIED IN SECTION T418.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.

2- LEAD-IN WIRING SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURERS RECOMMENDATIONS. THE 2/C SHIELDED CABLE TO BE USED FOR THE DETECTOR LOOP LEAD-IN SHALL BE MEASURED FROM THE SPLICE TO THE CONTROLLER AS SPECIFIED IN SECTION T421.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. FLAT CABLE WILL NOT BE PERMITTED.

3- ALL ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLYETHYLENE INSULATION WITH A POLYVINYL CHLORIDE JACKET, UNLESS OTHERWISE SPECIFIED.

4- THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS, INSPECTION OPENINGS AND CONCRETE JUNCTION BOXES SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.

5- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES CALL J.U.L.I.E. TOLL FREE NUMBER 800-892-0123 AND STATE MAINTAINED TRAFFIC SIGNALS 312-378-2800.

6- ALL SIGNAL POSTS AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) AND SIX (6) FEET RESPECTIVELY FROM THE BACK OF CURB, UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHOULD BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF THE SHOULDER.

7- FOR LOCATION OF ALL LOOPS AT THE INTERSECTION CONTACT THE I.D.O.T. AREA TRAFFIC SIGNAL ENGINEER AT 884-4139 WHO WILL MARK THE PAVEMENT FOR THE CUTTING OF THE LOOPS.

8) THE NEW DETECTOR LOOPS FOR THE PROPOSED TRAFFIC SIGNAL MODERNIZATION SHALL NOT BE SAW CUT INTO THE PAVEMENT UNTIL THE NEW PAVEMENT RESURFACING IS COMPLETED. THE PROPOSED TRAFFIC SIGNAL INSTALLATION SHALL BE INSTALLED AND SHALL OPERATE AS A FIXED TIME SYSTEM UNTIL THE NEW LOOPS ARE INSTALLED AND CONNECTED. DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNAL MODERNIZATION THE EXISTING SYSTEM SHALL REMAIN IN PLACE AND OPERATING.

9) TRAFFIC SIGNAL CONTROL EQUIPMENT TO BE MANUFACTURED BY 'ECONOLITE'.

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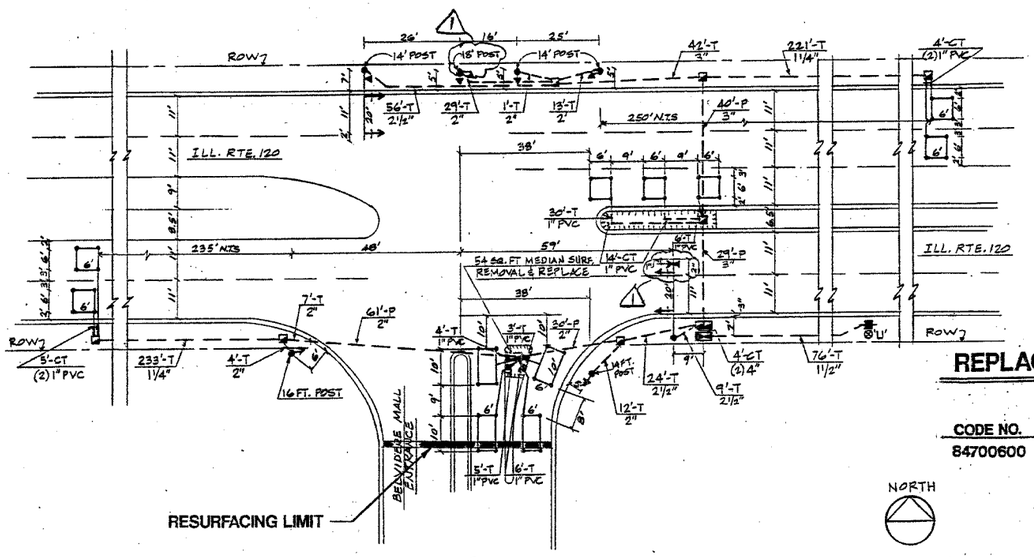
TRAFFIC SIGNAL LEGEND

- SERVICE INSTALLATION
- CONTROLLER
- DOUBLE HANDHOLE
- HANDHOLE
- HEAVY-DUTY HANDHOLE
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- MAST ARM ASSEMBLY AND POLE, STEEL
- SIGNAL POST
- DETECTOR LOOP
- G.S. CONDUIT IN TRENCH OR PUSHED
- CT — COMMON TRENCH
- "U" — UTILITY CO. POLE
- R.O.W. — RIGHT OF WAY
- PVC — POLYVINYL CHLORIDE
- SIGN PANEL LOCATION
- N.T.S. — NOT TO SCALE
- PEDESTRIAN PUSHBUTTON
- PEDESTRIAN SIGNAL HEAD
- T — TRENCH
- P — PUSH
- OPTICAL DETECTOR - 1 FACE
- " " -2 FACE

1



PROPOSED TRAFFIC SIGNAL MODERNIZATION

ILLINOIS ROUTE 120 & BELVIDERE MALL

NOTE:
THIS PLAN IS FOR THE PURPOSE OF REPLACING THE DETECTOR LOOPS ONLY. ALL OTHER INFORMATION SHOWN IS NOT RELATED AND WILL BE DISREGARDED.

REPLACE ALL DETECTOR LOOPS AS SHOWN

(WITHIN THE RESUFACING LIMITS)

CODE NO.	QUANTITY	UNIT	ITEM
84700600	407	Foot	Detector Loop Replacement

DETECTOR LOOP REPLACEMENT

REV	3-29-85	ADD OPTICON SYSTEM

LANDAU AND HEYMAN, INC.
DEVELOPERS 312/372-3133
120 SOUTH LA SALLE STREET
CHICAGO, IL. 60606

PROPOSED TRAFFIC SIGNALS
ILLINOIS ROUTE 120
AND ENTRANCE
TO
BELVIDERE MALL

Stowell Cook Frolichstein
Architects inc.
222 west adams street
chicago, il. 60606
312-641-6141

PROPOSED INSTALLATION

PROJ	1180
DATE	1-31-85
DRAWN	RC
CHECKED	MC

TS-1
OF:3