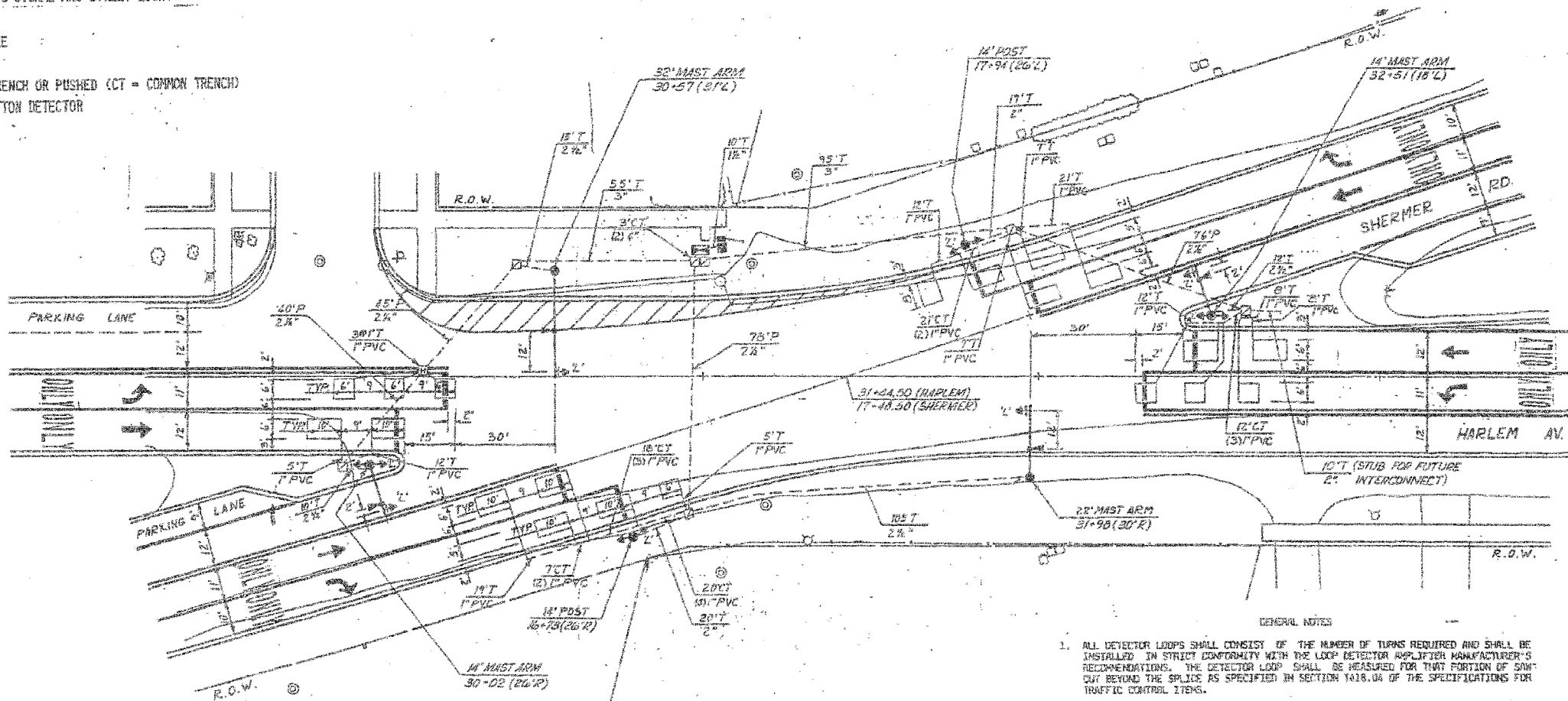


TRAFFIC SIGNAL LEGEND

EXISTING	PROPOSED	
		CONTROLLER
		SERVICE INSTALLATION
		SIGNAL HEAD (2" WITH STRAIGHT RAY LOUVER)
		SIGNAL FACE WITH BACKPLATE
		SIGNAL HEAD, PEDESTRIAN
		EMERGENCY VEHICLE DETECTOR, OPTICAL TYPE
		SIGNAL POST
		STREET LIGHT
		MAST ARM ASSEMBLY AND POLE, STEEL
		COMBINATION MAST ARM ASSEMBLY AND STREET LIGHT
		COMBINATION TRAFFIC SIGNAL AND STREET LIGHT
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		S.S. CONDUIT IN TRENCH OR PUSHED (CT = COMMON TRENCH)
		PEDESTRIAN PUSHBUTTON DETECTOR
		LOOP DETECTOR
		POWER POLE
		TELEPHONE POLE
		GUY WIRE

NOTES: 1. ALL CONDUIT SHALL BE GALVANIZED STEEL EXCEPT FOR LOOP DETECTOR LEAD-IN CONDUIT WHICH SHALL BE PVC.
 2. LOOP DETECTOR LEAD-INS SHALL BE SPACED A MINIMUM OF SIX (6) INCHES APART AT THE DRILLED HOLE TO THE LEAD-IN CONDUIT.



GENERAL NOTES

- ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS REQUIRED AND SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE LOOP DETECTOR MANUFACTURER'S RECOMMENDATIONS. THE DETECTOR LOOP SHALL BE MEASURED FOR THAT PORTION OF SPAN OUT BEYOND THE SPLICE AS SPECIFIED IN SECTION 1418.04 OF THE SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- LEAD-IN WIRING SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURER'S 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 1421.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. FLAT CABLE WILL NOT BE PERMITTED.
- ALL SIGNAL AND DETECTOR ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY ETHYLENE INSULATION WITH A POLYVINYLCHLORIDE JACKET. SERVICE CABLE MAY HAVE AN NLP JACKET.
- THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS, INSPECTION OPENINGS AND CONCRETE JUNCTION BOXES SHALL BE SHOWN AROUND THE AREA TO BE REMOVED. THIS SHOWN CUTTING SHALL BE INCIDENTAL TO THE CONTRACT. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
- 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 I.U.L.L.I.E. TOLL FREE NUMBER 1-800-892-0123 AND STATE MAINTAINED TRAFFIC SIGNALS 1-312-378-2800.
- ALL SIGNAL POST 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.
- PRIOR TO SANICUTTING ANY DETECTOR LOOPS, THE CONTRACTOR SHALL CONTACT THE I.U.D.O.T. TRAFFIC SIGNAL ENGINEER WHO WILL MARK THE PAVEMENT FOR THE CUTTING OF THE LOOPS.

FOR INFORMATION ONLY

DATE	BY	REVISION
7/6	COOK	59
7/6		17

Contract No. B9453
 1313 (BECKWITH ROAD)
 2766 (HARLEM AVENUE)
 2770 (SHERMER ROAD)

STATE: 1984-167 W B RS
 VILLAGE: 81-00071-01-RS

CC Ciorba Group, Inc.
 CONSULTING ENGINEERS
 1900 EAST GOLF ROAD, SUITE 500 | SCHAMBURG, ILLINOIS 60156

VILLAGE OF MORTON GROVE
 HARLEM AV. & SHERMER RD.
 TRAFFIC SIGNAL INSTALLATION

DESIGN: C.P.
 DRAWN: J.W.
 CHECKED: J.S.V.
 DATE: 7-28-84
 SCALE: 1"=20'
 FILE NO.: 2688