

GENERAL NOTES

- 1- ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS AS 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 SIGNAL AND DETECTOR ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLYETHYLENE INSULATION WITH A POLYVINYLCHLORIDE JACKET. SERVICE CABLE MAY HAVE AN XLP JACKET.
- 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 VERIFY 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 312-287-7600.
- 6- 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 SHOULDER.
- 7- THE RESIDENT ENGINEER SHALL MARK LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE I.D.O.T. AREA TRAFFIC SIGNAL ENGINEER AT 705-4139 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF LOOPS.

Remove and Replace Detector loops
(Billed on Sheet 9)

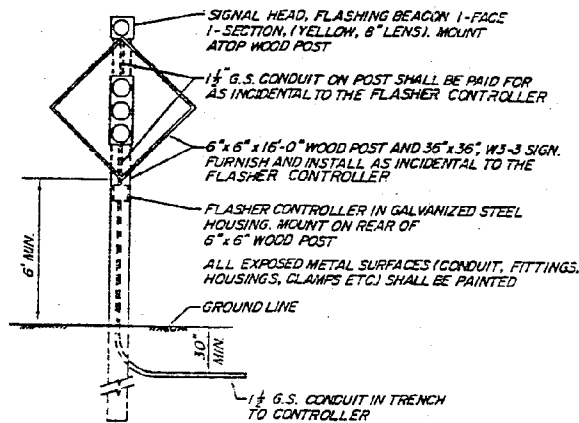
WORK AREA

***PAY ITEMS TO REPLACE HANDHOLE (IF REQUIRED)**

89502380 REMOVE EXISTING HANDHOLE	QTY	1
81400100 HANDHOLE	QTY	1
87301305 ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	QTY	225'

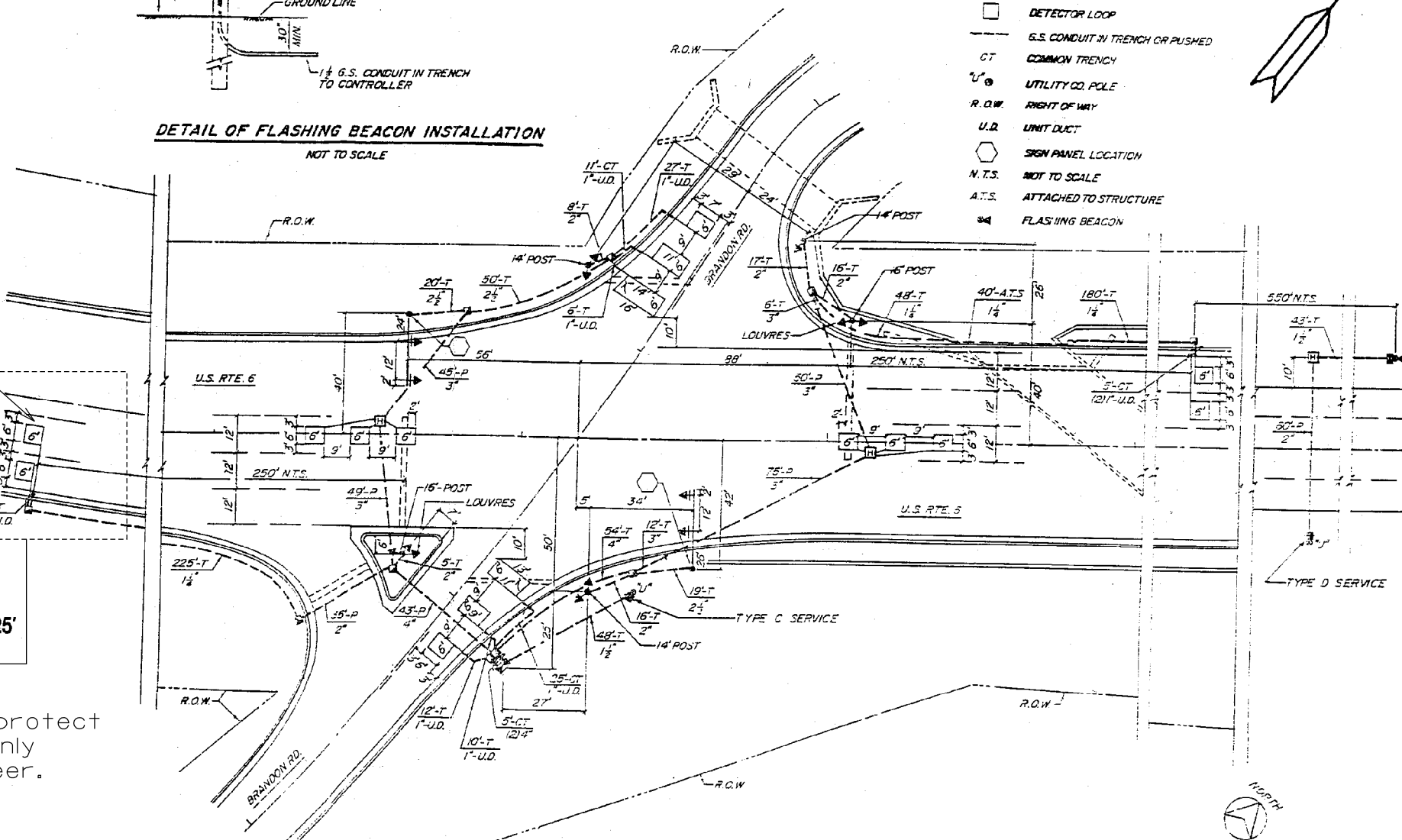
*The contractor shall make every effort to protect the Exist. Handhole during construction and only remove and replace as directed by the Engineer.

**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**



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.U. UTILITY CO. POLE
- R.O.W. RIGHT OF WAY
- U.D. UNIT DUCT
- SIGN PANEL LOCATION
- N.T.S. NOT TO SCALE
- A.T.S. ATTACHED TO STRUCTURE
- ◀ FLASHING BEACON



NOTE:

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
**DETECTOR LOOPS AT:
US RT 6 & BRANDON ROAD
ROCKDALE (JOLIET TOWNSHIP)**

SCALE: 1"= 100'
DATE

DESIGNED BY:
DRAWN BY:
CHECKED BY:

Designed By: RLP Checked By: TMM
Drawn By: RLP Checked By: TMM