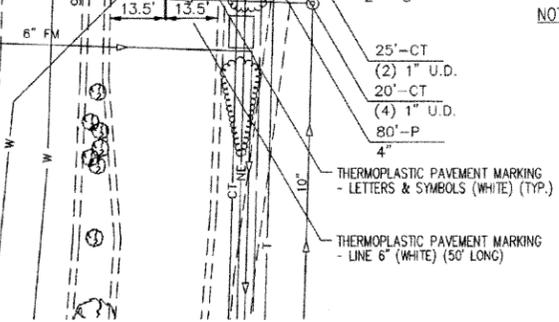
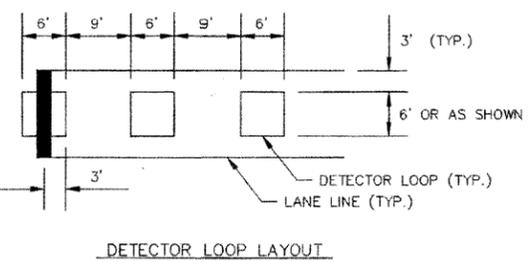
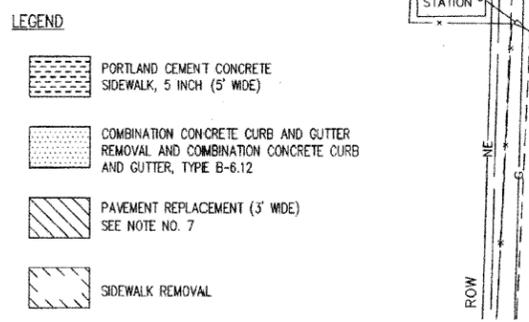


**TRAFFIC SIGNAL LEGEND**

EXISTING	PROPOSED
CONTROLLER	
SERVICE INSTALLATION	
SIGNAL HEAD	
SIGNAL HEAD WITH BACKPLATE	
SIGNAL HEAD, PEDESTRIAN	
SIGNAL POST	
MAST ARM ASSEMBLY AND POLE, STEEL	
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL	
COMMON TRENCH	
UNIT DUCT	
HANDHOLE	
HEAVY DUTY HANDHOLE	
DOUBLE HANDHOLE	
G.S. CONDUIT IN TRENCH OR PUSHED	
PEDESTRIAN PUSHBUTTON DETECTOR	
DETECTOR LOOP	
CAST IRON JUNCTION BOX	
EMERGENCY VEHICLE SYSTEM DETECTOR	
CONFIRMATION BEACON	
SIGNAL HEAD OPTICALLY PROGRAMMED	
CONDUIT SPLICE	
WOOD POLE	
LUMINAIRE	



- NOTES**
- THE FOLLOWING WORK SHALL BE COMPLETED AT THIS LOCATION:  
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE: THE DIRECT BURIAL LIGHT POLE, MAST ARM AND LUMINAIRE SHALL BE RETURNED TO THE CITY OF NAPERVILLE.  
REMOVE SIGN PANEL - TYPE 1: THE EXISTING STREET SIGN AND NO LEFT TURN SIGN WITH SUPPLEMENTAL PLATE MOUNTED ON THE LIGHT POLE SHALL BE REMOVED AND RETURNED TO THE CITY OF NAPERVILLE. THE NO LEFT TURN SIGN WITH SUPPLEMENTAL PLATE SHALL BE TEMPORARILY MOUNTED IN THE MEDIAN UNTIL THE TRAFFIC SIGNALS ARE FULLY OPERATIONAL. THE TEMPORARY MOUNTING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.  
RELOCATE SIGN PANEL - TYPE 1: THE EXISTING KEEP RIGHT SIGN MOUNTED ON THE LIGHT POLE SHALL BE REMOVED AND STORED BY THE CONTRACTOR. THE KEEP RIGHT SIGN SHALL BE TEMPORARILY MOUNTED IN THE MEDIAN UNTIL THE TRAFFIC SIGNALS ARE OPERATIONAL. AT SUCH TIME, THE KEEP RIGHT SIGN WILL BE PERMANENTLY MOUNTED ON A NEW TYPE B METAL POST. THE NEW TYPE B METAL POST WILL BE PAID FOR SEPARATELY.
  - THE CONTRACTOR SHALL REMOVE 12.5' OF THE EXISTING MEDIAN, THIS WORK SHALL BE PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER REMOVAL. THE AREA WILL THEN BE EXCAVATED TO A DEPTH OF THIRTEEN INCHES BELOW THE TOP OF EXISTING PAVEMENT. SUB-BASE GRANULAR MATERIAL, TYPE B 4" WILL BE PLACED IN THE BOTTOM OF THE EXCAVATED AREA. NEW COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 WILL BE INSTALLED TO CLOSE OFF THE NOSE OF THE MEDIAN. THE REMAINING AREA WILL BE FILLED WITH BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) TYPE 2, 5". THE EARTH EXCAVATION AND/OR EMBANKMENT REQUIRED SHALL BE CONSIDERED INCIDENTAL TO THE SUB-BASE AND PAVEMENT PAY ITEMS.
  - ALL EXCAVATION, EMBANKMENT OR REGRADING REQUIRED TO CONSTRUCT NEW SIDEWALK OR COMBINATION CURB AND GUTTER SHALL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE PAY ITEMS.
  - SIGN NO. 1 SHALL BE ERECTED ON A NEW TYPE B METAL POST AT THE START OF THE LEFT AND RIGHT TURN LANES. THE EXACT LOCATION SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION.
  - SIGN NO. 3 SHALL BE ERECTED ON TWO NEW TYPE B METAL POSTS APPROXIMATELY 540 FEET FROM THE STOP BAR ON THE EAST AND WEST LEGS OF THE INTERSECTION. THE EXACT LOCATION SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION.
  - REMOVE SIGN PANEL ASSEMBLY - TYPE A: THE CONTRACTOR SHALL NOT REMOVE THE EXISTING STOP SIGN UNTIL THE TRAFFIC SIGNALS ARE FULLY OPERATIONAL. IF THE SIGN INTERFERES WITH THE CONSTRUCTION OPERATIONS, IT SHALL BE TEMPORARILY MOUNTED. THE TEMPORARY MOUNTING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
  - THE PROPOSED POC SIDEWALK 5" SHALL BE CONSTRUCTED WITH TYPE B HANDICAP RAMPS AS SHOWN IN THE STANDARD DRAWINGS.
  - THE TRAFFIC SIGNAL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" BRAND TO MATCH THE EXISTING SYSTEM.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STOP SIGNS AT THE INTERSECTION UNTIL THE TRAFFIC SIGNAL TURN-ON. THE CITY OF NAPERVILLE DEPARTMENT OF PUBLIC WORKS WILL REMOVE THE EXISTING STOP SIGNS AND POSTS AT THE TIME OF THE TRAFFIC SIGNAL TURN-ON.
  - THE 24-INCH THERMOPLASTIC PAVEMENT MARKING FOR THE STOP BARS ON 75TH STREET AND RANCH VIEW DRIVE SHALL BE INSTALLED AFTER THE TRAFFIC SIGNAL IS OPERATIONAL.

**NOTE: FOR INFORMATION ONLY. FOR DETECTOR LOOP REPLACEMENT, SEE DISTRICT 1- DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING**

**ESI CONSULTANTS, LTD**  
1879 N. MILL STREET, SUITE 100  
NAPERVILLE, IL 60563  
(630) 420-1700  
WWW.ESICONSULTANTS.LTD.COM  
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #194-003685

DESIGNED - MR	REVISED -
DRAWN - DN	REVISED -
CHECKED - MR	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**75TH STREET AND RANCH VIEW DR.  
EXISTING DETECTOR LOOP PLAN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	10-00288-02-RS	DUPAGE	29	16
CONTRACT NO. 63575				ILLINOIS FED. AID PROJECT

SCALE: SHEET NO. OF SHEETS STA. TO STA.