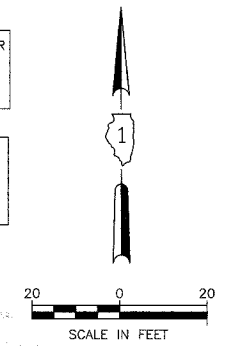


FAH. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1346	*	COOK/DUPAGE	84	49
TRAFFIC SIGNAL INSTALLATION PLAN				
FED. ROAD DISTRICT NO. 7	ILLINOIS	FED. AID PROJECT M-7003(857)		
*ELK GROVE VILLAGE SECTION 99-00041-00-CH CONTRACT NO. 83766				

THE ENVIRONMENTAL FIRM IS REQUIRED TO CONTINUOUSLY MONITOR FOR WORKER SAFETY AND SOIL CONTAMINATION AT SEVERAL AREAS. SEE SPECIAL PROVISION FOR "NON-SPECIAL WASTE WORKING CONDITIONS" AND SUPPLEMENTAL SPECIFICATIONS FOR DETAILS.

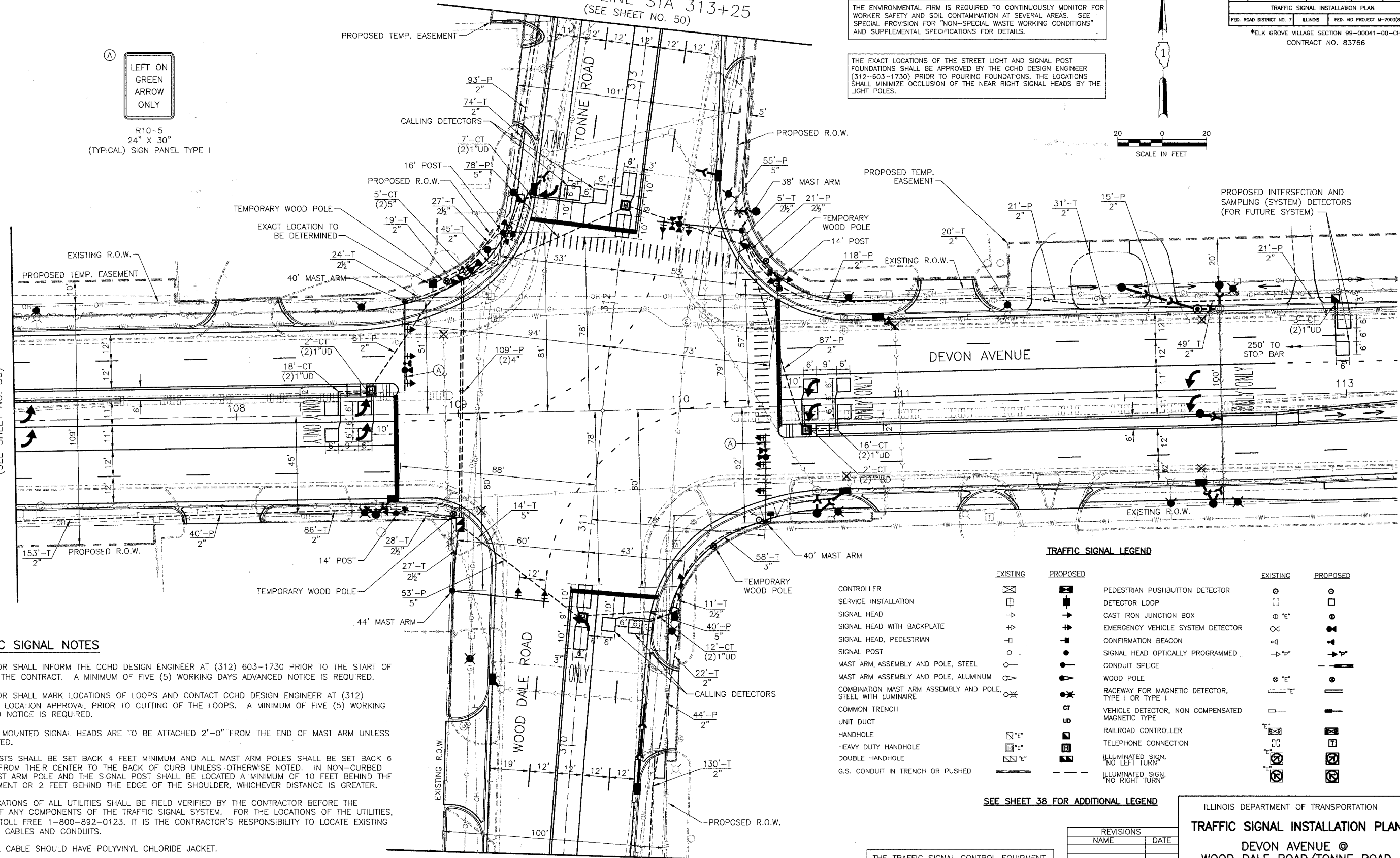
THE EXACT LOCATIONS OF THE STREET LIGHT AND SIGNAL POST FOUNDATIONS SHALL BE APPROVED BY THE CCHD DESIGN ENGINEER (312-603-1730) PRIOR TO POURING FOUNDATIONS. THE LOCATIONS SHALL MINIMIZE OCCLUSION OF THE NEAR RIGHT SIGNAL HEADS BY THE LIGHT POLES.



(A) LEFT ON GREEN ARROW ONLY
R10-5
24" X 30"
(TYPICAL) SIGN PANEL TYPE 1

MATCH LINE STA 107+00
(SEE SHEET NO. 50)

MATCH LINE STA 309+50
(SEE SHEET NO. 50)



TRAFFIC SIGNAL NOTES

THE CONTRACTOR SHALL INFORM THE CCHD DESIGN ENGINEER AT (312) 603-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.

THE CONTRACTOR SHALL MARK LOCATIONS OF LOOPS AND CONTACT CCHD DESIGN ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL PRIOR TO CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.

ALL MAST ARM MOUNTED SIGNAL HEADS ARE TO BE ATTACHED 2'-0" FROM THE END OF MAST ARM UNLESS OTHERWISE NOTED.

ALL SIGNAL POSTS SHALL BE SET BACK 4 FEET MINIMUM AND ALL MAST ARM POLES SHALL BE SET BACK 6 FEET MINIMUM FROM THEIR CENTER TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS THE MAST ARM POLE AND THE SIGNAL POST SHALL BE LOCATED A MINIMUM OF 10 FEET BEHIND THE EDGE OF PAVEMENT OR 2 FEET BEHIND THE EDGE OF THE SHOULDER, WHICHEVER DISTANCE IS GREATER.

THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL J.U.L.I.E. TOLL FREE 1-800-892-0123. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.

ALL ELECTRICAL CABLE SHOULD HAVE POLYVINYL CHLORIDE JACKET.

CONDUITS UNDER ROADWAYS AND DRIVEWAYS SHOULD BE INSTALLED IN TRENCH BEFORE PAVEMENT IS PLACED.

TRAFFIC SIGNAL LEGEND

	EXISTING	PROPOSED		EXISTING	PROPOSED
CONTROLLER	☒	☒	PEDESTRIAN PUSHBUTTON DETECTOR	○	○
SERVICE INSTALLATION	☐	☐	DETECTOR LOOP	□	□
SIGNAL HEAD	→	→	CAST IRON JUNCTION BOX	⊙	⊙
SIGNAL HEAD WITH BACKPLATE	→	→	EMERGENCY VEHICLE SYSTEM DETECTOR	⊗	⊗
SIGNAL HEAD, PEDESTRIAN	→	→	CONFIRMATION BEACON	⊙	⊙
SIGNAL POST	○	○	SIGNAL HEAD OPTICALLY PROGRAMMED	→	→
MAST ARM ASSEMBLY AND POLE, STEEL	○	○	CONDUIT SPLICE	—	—
MAST ARM ASSEMBLY AND POLE, ALUMINUM	○	○	WOOD POLE	⊙	⊙
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	⊗	⊗	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	⊙	⊙
COMMON TRENCH	—	—	VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	—	—
UNIT DUCT	—	—	RAILROAD CONTROLLER	☒	☒
HANDHOLE	☒	☒	TELEPHONE CONNECTION	☒	☒
HEAVY DUTY HANDHOLE	☒	☒	ILLUMINATED SIGN, NO LEFT TURN	☒	☒
DOUBLE HANDHOLE	☒	☒	ILLUMINATED SIGN, NO RIGHT TURN	☒	☒
G.S. CONDUIT IN TRENCH OR PUSHED	—	—			

SEE SHEET 38 FOR ADDITIONAL LEGEND

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN

DEVON AVENUE @ WOOD DALE ROAD/TONNE ROAD

SCALE: 1"=20'
DATE: 12/30/04

DESIGNED BY: BRD
DRAWN BY: BRD
CHECKED BY: KMM

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" BRAND TO MATCH THE EXISTING ADJACENT SYSTEM.