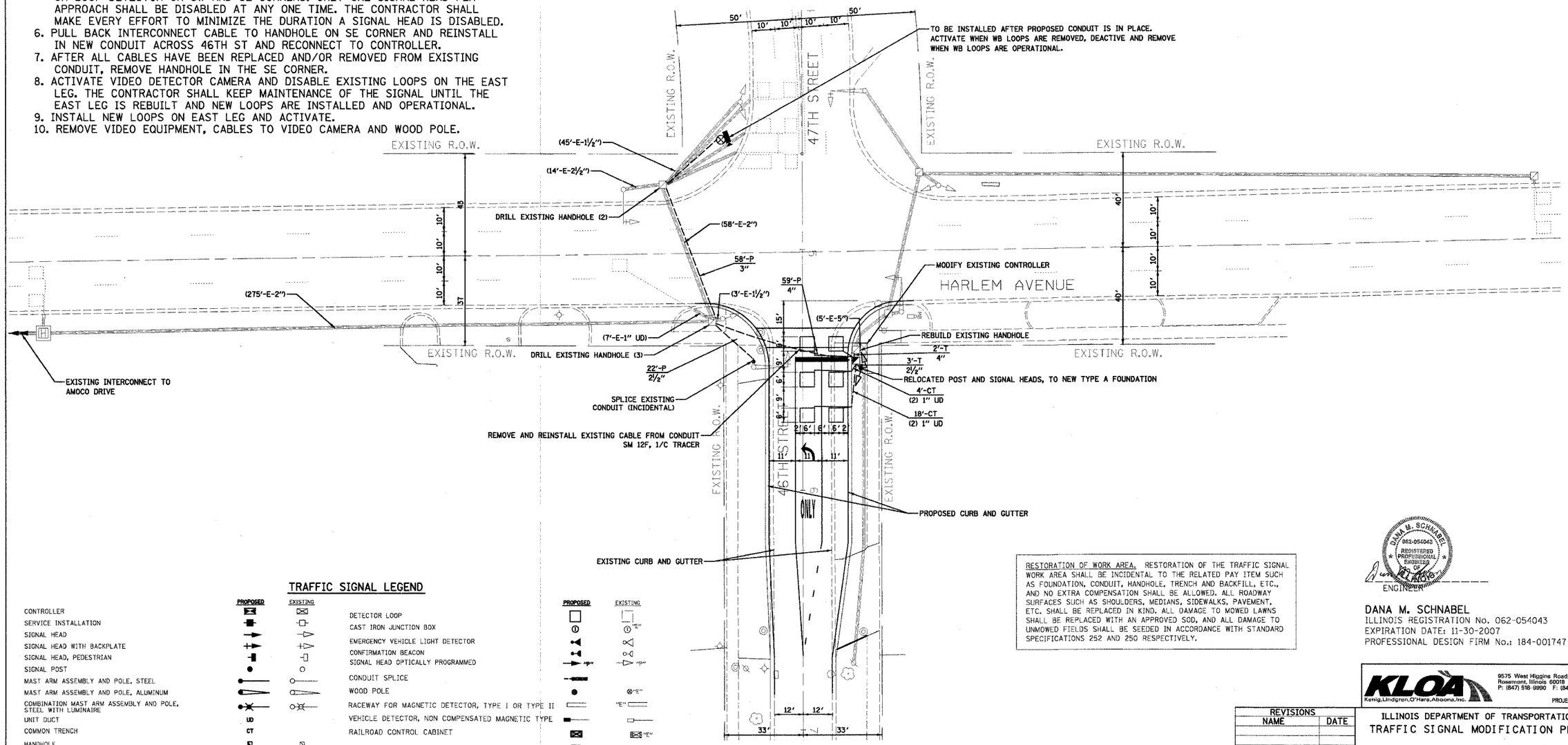
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	05-0016-00-RS	COOK	24	23

PROJECT NO.: M-8003(571)

CONTRACT NO.: 83884

SUGGESTED SCHEDULE OF CONSTRUCTION

1. INSTALL NEW CONDUIT CROSSINGS ACROSS EAST AND SOUTH LEGS.
2. INSTALL NEW HANDHOLE IN NE CORNER.
   INSTALL NEW FOUNDATION IN NE CORNER.
   INSTALL WOOD POLE & VIDEO CAMERA IN SW CORNER.
   THE VIDEO CAMERA SHALL ONLY BE OPERATIONAL BETWEEN THE TIME THE EXISTING LOOPS ON THE EAST LEG ARE DISABLED AND THE NEW LOOPS ARE ACTIVATED.
3. INSTALL NEW CABLE IN NEW CONDUIT UP TO HANDHOLES. STORE ANY ADDITIONAL SLACK NEEDED IN HANDHOLE
4. RELOCATE THE POST AND SIGNAL HEADS IN THE NE CORNER AND CONNECT NEW CABLES. REMOVE EXISTING CABLES TO SAME.
5. REMOVE EXISTING CABLES AND INSTALL NEW CABLES TO EACH SIGNAL HEAD OR LOOP DETECTOR ON SW AND SE CORNERS. ONLY ONE SIGNAL HEAD PER APPROACH SHALL BE DISABLED AT ANY ONE TIME. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE THE DURATION A SIGNAL HEAD IS DISABLED.
6. PULL BACK INTERCONNECT CABLE TO HANDHOLE ON SE CORNER AND REINSTALL IN NEW CONDUIT ACROSS 46TH ST AND RECONNECT TO CONTROLLER.
7. AFTER ALL CABLES HAVE BEEN REPLACED AND/OR REMOVED FROM EXISTING CONDUIT, REMOVE HANDHOLE IN THE SE CORNER.
8. ACTIVATE VIDEO DETECTOR CAMERA AND DISABLE EXISTING LOOPS ON THE EAST LEG. THE CONTRACTOR SHALL KEEP MAINTENANCE OF THE SIGNAL UNTIL THE EAST LEG IS REBUILT AND NEW LOOPS ARE INSTALLED AND OPERATIONAL.
9. INSTALL NEW LOOPS ON EAST LEG AND ACTIVATE.
10. REMOVE VIDEO EQUIPMENT, CABLES TO VIDEO CAMERA AND WOOD POLE.



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE		
UNIT DUCT	UD	
COMMON TRENCH	CT	
HANDHOLE		
HEAVY DUTY HANDHOLE	H	H
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)		
PEDESTRIAN PUSHBUTTON DETECTOR		

	PROPOSED	EXISTING
DETECTOR LOOP		
CAST IRON JUNCTION BOX		"E"
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED	"P"	"P"
CONDUIT SPLICE		
WOOD POLE		"E"
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET		"E"
TELEPHONE CONNECTION	T	T
ILLUMINATED SIGN "NO LEFT TURN"		"E"
ILLUMINATED SIGN "NO RIGHT TURN"		"E"
MICROWAVE VEHICLE SENSOR		

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

DANA M. SCHNABEL 062-054043 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

ENGINEER

DANA M. SCHNABEL
ILLINOIS REGISTRATION No. 062-054043
EXPIRATION DATE: 11-30-2007
PROFESSIONAL DESIGN FIRM No.: 184-001747

KLOA
Kenig,Lindgren,O'Hara,Aboona,Inc.
9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 06-136

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN

ILL RTE 43 (HARLEM AVE.)
AT 46TH STREET/47TH STREET

SCALE: 1" = 20'

DATE: 11/01/2006

DRAWN BY: GJG
DESIGNED BY: GJG
CHECKED BY: DMS