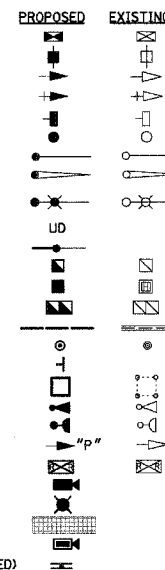


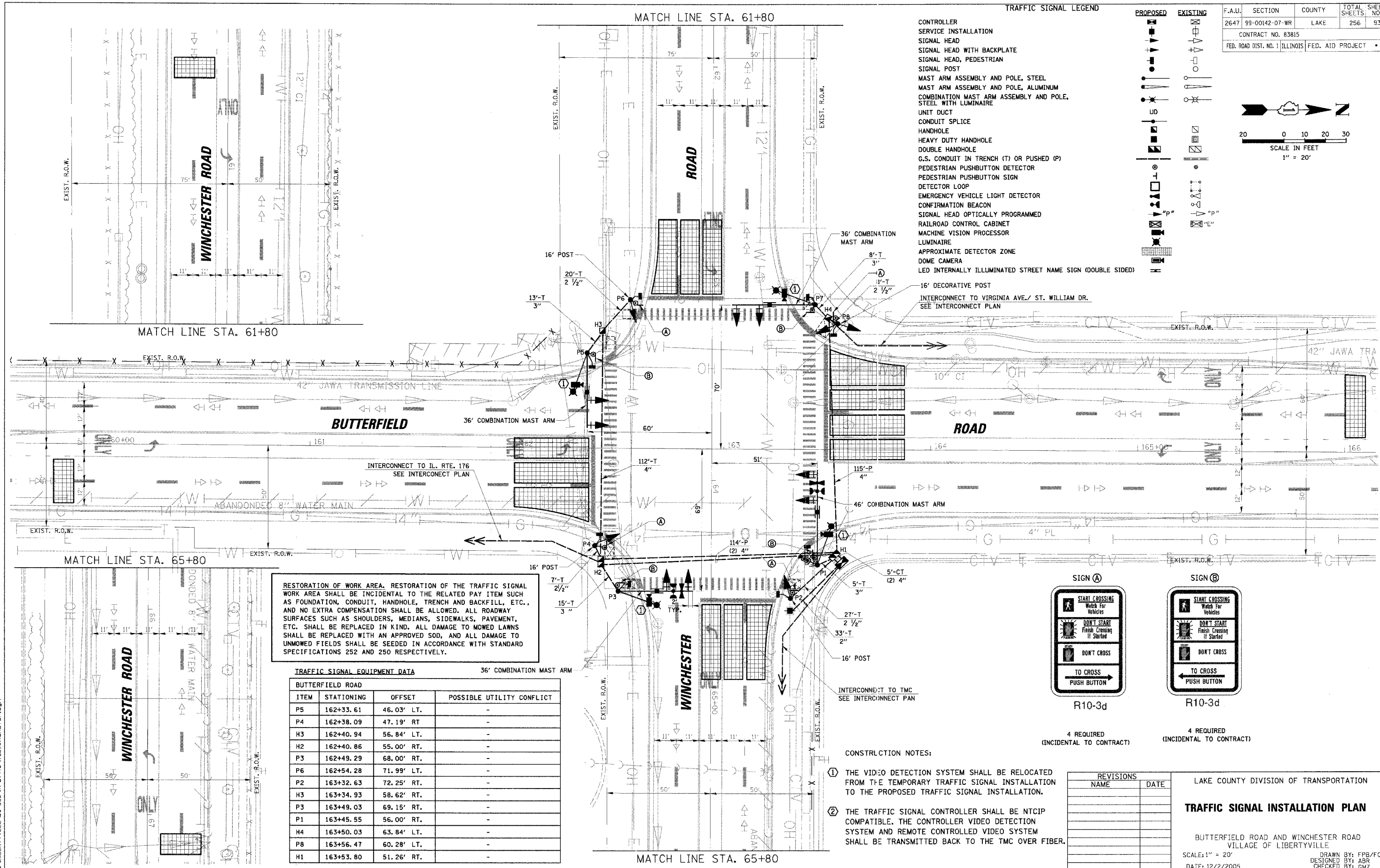
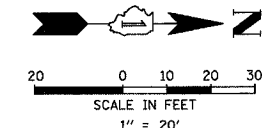
MATCH LINE STA. 61+80

TRAFFIC SIGNAL LEGEND

- 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
- CONDUIT SPLICE
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- PEDESTRIAN PUSHBUTTON DETECTOR
- PEDESTRIAN PUSHBUTTON SIGN
- DETECTOR LOOP
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- SIGNAL HEAD OPTICALLY PROGRAMMED
- RAILROAD CONTROL CABINET
- MACHINE VISION PROCESSOR
- LUMINAIRE
- APPROXIMATE DETECTOR ZONE
- DOVE CAMERA
- LED INTERNALLY ILLUMINATED STREET NAME SIGN (DOUBLE SIDED)



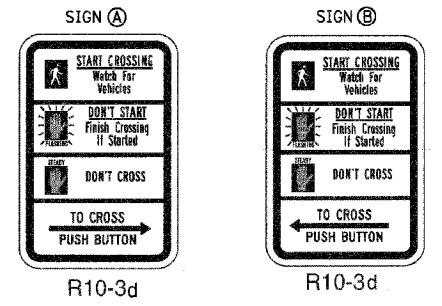
F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2647	99-00142-07-WR	LAKE	256	93
CONTRACT NO. 83815				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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 SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TRAFFIC SIGNAL EQUIPMENT DATA

ITEM	STATIONING	OFFSET	POSSIBLE UTILITY CONFLICT
BUTTERFIELD ROAD			
P5	162+33.61	46.03' LT.	-
P4	162+38.09	47.19' RT.	-
H3	162+40.94	56.84' LT.	-
H2	162+40.86	55.00' RT.	-
P3	162+49.29	68.00' RT.	-
P6	162+54.28	71.99' LT.	-
P2	163+32.63	72.25' RT.	-
H3	163+34.93	58.62' RT.	-
P3	163+49.03	69.15' RT.	-
P1	163+45.55	56.00' RT.	-
H4	163+50.03	63.84' LT.	-
P8	163+56.47	60.28' LT.	-
H1	163+53.80	51.26' RT.	-



4 REQUIRED (INCIDENTAL TO CONTRACT)

- CONSTRUCTION NOTES:
- THE VIDEO DETECTION SYSTEM SHALL BE RELOCATED FROM THE TEMPORARY TRAFFIC SIGNAL INSTALLATION TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION.
  - THE TRAFFIC SIGNAL CONTROLLER SHALL BE NTCIP COMPATIBLE. THE CONTROLLER VIDEO DETECTION SYSTEM AND REMOTE CONTROLLED VIDEO SYSTEM SHALL BE TRANSMITTED BACK TO THE TMC OVER FIBER.

REVISIONS	
NAME	DATE

LAKE COUNTY DIVISION OF TRANSPORTATION  
**TRAFFIC SIGNAL INSTALLATION PLAN**  
 BUTTERFIELD ROAD AND WINCHESTER ROAD  
 VILLAGE OF LIBERTYVILLE  
 SCALE: 1" = 20'  
 DATE: 12/2/2005  
 DRAWN BY: FPB/FCP  
 DESIGNED BY: ABR  
 CHECKED BY: GMZ

12/2/2005 N:\LIBERTYVILLE\99-389\Tran\file\NTSD\_winchester.dgn