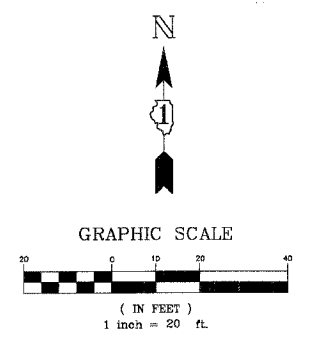
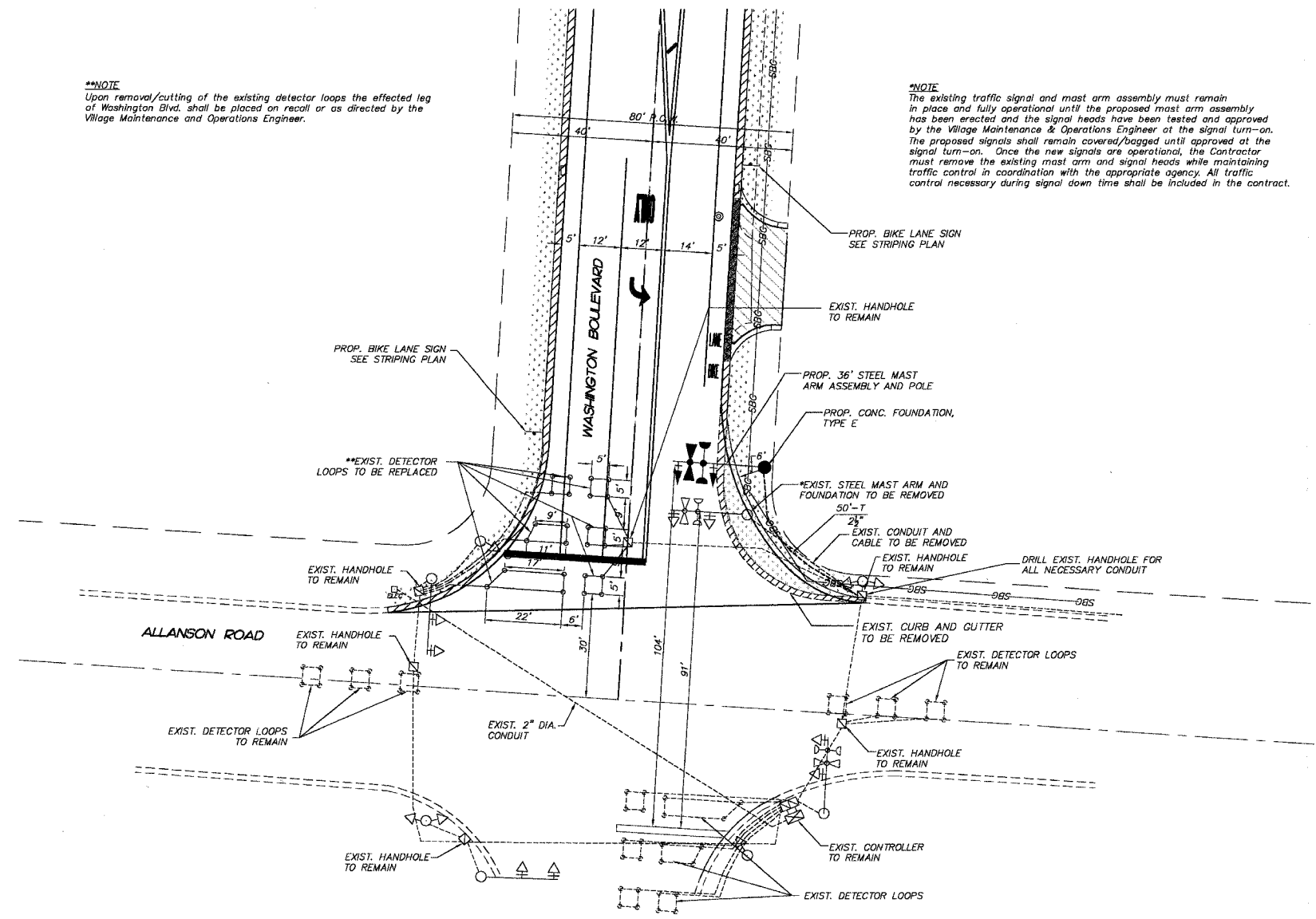


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	04-00075-00-BT	LAKE	42	29
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	HIGHWAY PROJECT		
CONTRACT NO. 83890				



****NOTE**
Upon removal/cutting of the existing detector loops the effected leg of Washington Blvd. shall be placed on recall or as directed by the Village Maintenance and Operations Engineer.

***NOTE**
The existing traffic signal and mast arm assembly must remain in place and fully operational until the proposed mast arm assembly has been erected and the signal heads have been tested and approved by the Village Maintenance & Operations Engineer at the signal turn-on. The proposed signals shall remain covered/bagged until approved at the signal turn-on. Once the new signals are operational, the Contractor must remove the existing mast arm and signal heads while maintaining traffic control in coordination with the appropriate agency. All traffic control necessary during signal down time shall be included in the contract.



TRAFFIC SIGNALS LEGEND

	PROPOSED	EXISTING
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		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
DECTOR LOOP		
CAST IRON JUNCTION BOX		
COMMON TRENCH	CT	
UNIT DUCT	UD	
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED		
VIDEO VEHICLE DETECTOR UNIT		
TELEPHONE CONNECTION		
ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"		
ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"		
CONDUIT SPLICE		
WOOD POLE		
RACEWAY FOR MAGNETIC DETECTOR. TYPE I OR TYPE II		"E"
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET		"E"
UNINTERRUPTABLE POWER SUPPLY	UPS	

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE:
STOP BARS ARE NOT TO BE PLACED PRIOR TO THE PROPOSED TRAFFIC SIGNALS BEING OPERATIONAL, THEY MUST BE IN PLACE, HOWEVER, AT THE TIME OF TURN-ON.

EXISTING TRAFFIC SIGNAL EQUIPMENT
The locations and sizes of all existing traffic signals, loop detectors, pavement striping, etc. shall be verified prior to construction.
The following items shall be removed by the Contractor and disposed of at their expense.

- 928 FOOT ELECTRIC CABLE IN CONDUIT
- 1 EACH MAST ARM ASSEMBLY & POLE
- 2 EACH SIGNAL HEAD, 1-FACE
- 1 EACH EMERGENCY VEHICLE DETECTION & CONFIRM. BEACON

EXISTING SIGN PANEL ASSEMBLY
All existing street name signs shall be re-used. The Contractor shall make all efforts to preserve the signs for future use. Any sign damaged beyond use, as determined by the Engineer, shall be replaced by the Contractor at his expense.

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.

REVISIONS	
NAME	DATE
7.	
6.	
5.	
4.	
3.	
2.	
1.	

SMITH ENGINEERING CONSULTANTS, INC.
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MCKENNA HUNTLEY YORKVILLE
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF MUNDELEIN
CMAQ/SEAVEY BIKE PATH
TRAFFIC SIGNAL PLAN
SCALE: 1"=20'
DATE 11-15-08
DRAWN BY JST
CHECKED BY GFR

PLOT FILE: STANDARD
CONTR. FILE: 050460-007.dwg