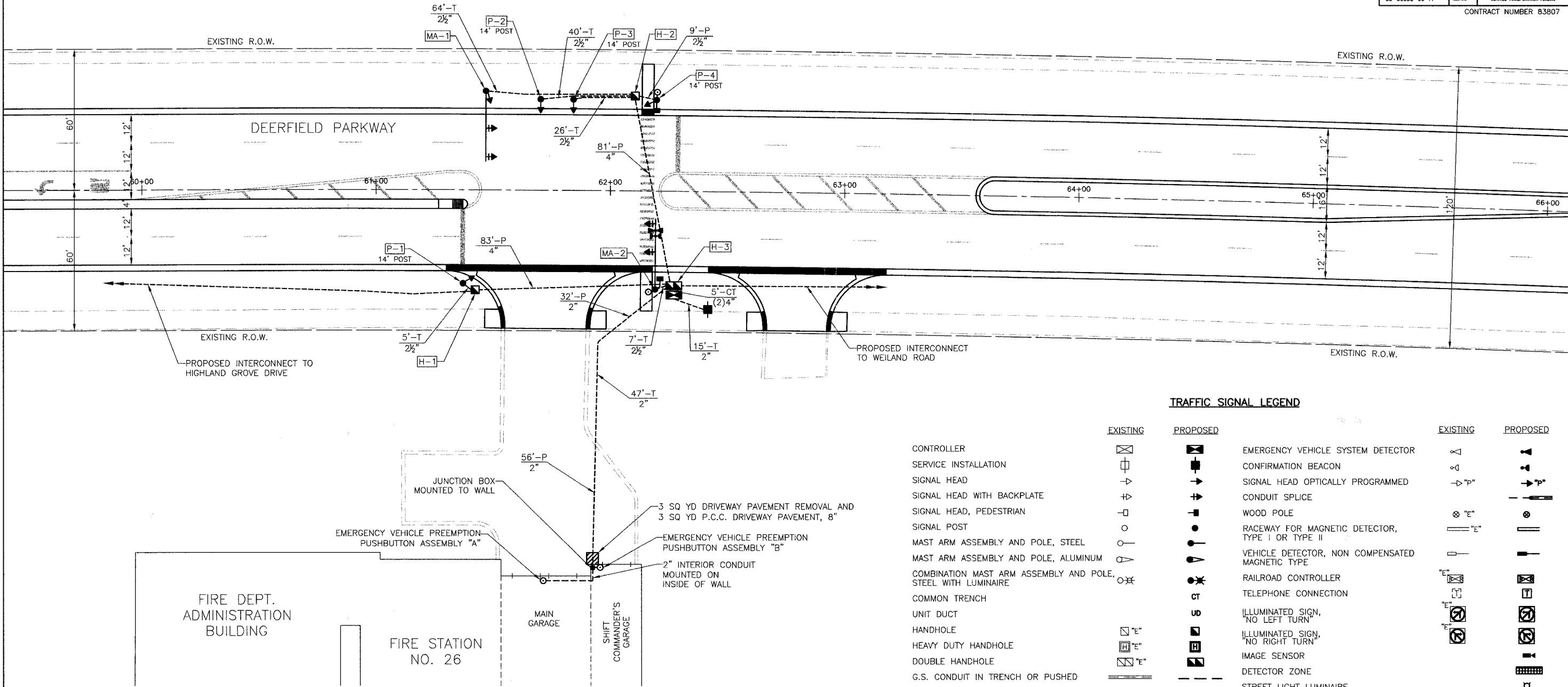


FILE #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH	A47	LAKE	176	95
STA. TO STA.		ELEM. SURFACE TRANSPORTATION FUNDING		
03-00088-00-PP		CONTRACT NUMBER 83807		



**TRAFFIC SIGNAL LEGEND**

	EXISTING	PROPOSED	EXISTING	PROPOSED
CONTROLLER			EMERGENCY VEHICLE SYSTEM DETECTOR	
SERVICE INSTALLATION			CONFIRMATION BEACON	
SIGNAL HEAD			SIGNAL HEAD OPTICALLY PROGRAMMED	
SIGNAL HEAD WITH BACKPLATE			CONDUIT SPLICE	
SIGNAL HEAD, PEDESTRIAN			WOOD POLE	
SIGNAL POST			RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	
MAST ARM ASSEMBLY AND POLE, STEEL			VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	
MAST ARM ASSEMBLY AND POLE, ALUMINUM			RAILROAD CONTROLLER	
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE			TELEPHONE CONNECTION	
COMMON TRENCH			ILLUMINATED SIGN, "NO LEFT TURN"	
UNIT DUCT			ILLUMINATED SIGN, "NO RIGHT TURN"	
HANDHOLE			IMAGE SENSOR	
HEAVY DUTY HANDHOLE			DETECTOR ZONE	
DOUBLE HANDHOLE			STREET LIGHT LUMINAIRE	
G.S. CONDUIT IN TRENCH OR PUSHED			DOME PAN/TILT/ZOOM (PTZ) CAMERA	
PEDESTRIAN PUSHBUTTON DETECTOR			TELEPHONE CONNECTION	
DETECTOR LOOP			PAVEMENT REMOVAL AND REPLACEMENT	
CAST IRON JUNCTION BOX				

**SCHEDULE OF COMBINATION MAST ARM ASSEMBLY AND POLES**

MA-1	30' MAST ARM, 20' LUMINAIRE ARM, 45' LUMINAIRE MOUNTING HEIGHT
MA-2	30' MAST ARM, 20' LUMINAIRE ARM, 45' LUMINAIRE MOUNTING HEIGHT

STRUCTURE	STATION	OFFSET	POSSIBLE UTILITY CONFLICTS
H-1	61+42	43' RT	EXISTING WATER LINE
H-2	62+11	40' LT	NONE
H-3	62+27	40' RT	PROPOSED DRAINAGE
P-1	61+37	40' RT	NONE
P-2	61+70	39' LT	NONE
P-3	61+84	39' LT	NONE
P-4	62+20	39' LT	NONE
MA-1	61+47	42' LT	NONE
MA-2	62+19	42' RT	NONE

**TRAFFIC SIGNAL NOTES**

- ALL STATIONS AND OFFSETS ARE DIMENSIONED FROM THE CENTERLINE OF DEERFIELD PARKWAY.
- THE PAY ITEM FOR "EMERGENCY VEHICLE PREEMPTION PUSH-BUTTON INSTALLATION" SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED TO INSTALL THE ASSEMBLIES INSIDE THE FIRE STATION AS SHOWN ON THE PLANS AND STATED IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH DEPUTY CHIEF DANIEL PEARSON OF THE BUFFALO GROVE FIRE DEPARTMENT (847-537-0995). ASSEMBLY "A" SHALL BE INSTALLED ON THE NORTH WALL BETWEEN THE GARAGE BAY DOORS, 4'-8" ABOVE THE GROUND, AS SHOWN ON THE PLANS, OR AS DIRECTED BY BUFFALO GROVE FIRE DEPARTMENT PERSONNEL. ASSEMBLY "B" SHALL BE INSTALLED ON THE NORTH WALL OF THE SHIFT COMMANDER'S GARAGE, 5'-6" ABOVE THE GROUND, AS SHOWN ON THE PLANS, OR AS DIRECTED BY BUFFALO GROVE FIRE DEPARTMENT PERSONNEL. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NEC AND LOCAL BUILDING CODES.
- ALL LENGTHS OF CABLE AND CONDUIT REQUIRED TO CONNECT FROM THE FIRE STATION BUILDING TO THE INTERSECTION CONTROLLER WILL BE PAID FOR PER FOOT. PCC DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT WILL BE PAID FOR PER SQUARE YARD. ALL OTHER WORK AND MATERIALS REQUIRED TO INSTALL THE PUSH-BUTTONS AND CONNECT THEM TO THE INTERSECTION CONTROLLER SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE FOR "EMERGENCY VEHICLE PREEMPTION PUSH-BUTTON INSTALLATION."

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

VILLAGE OF BUFFALO GROVE

**TRAFFIC SIGNAL INSTALLATION PLAN**  
DEERFIELD PARKWAY & FIRE STATION NO. 26

DATE: 6/2/2005  
DESIGNED BY: BRD  
TECHNICIAN: BRD  
CHECKED BY: KMM

REVISIONS

NAME	DATE

SCALE IN FEET