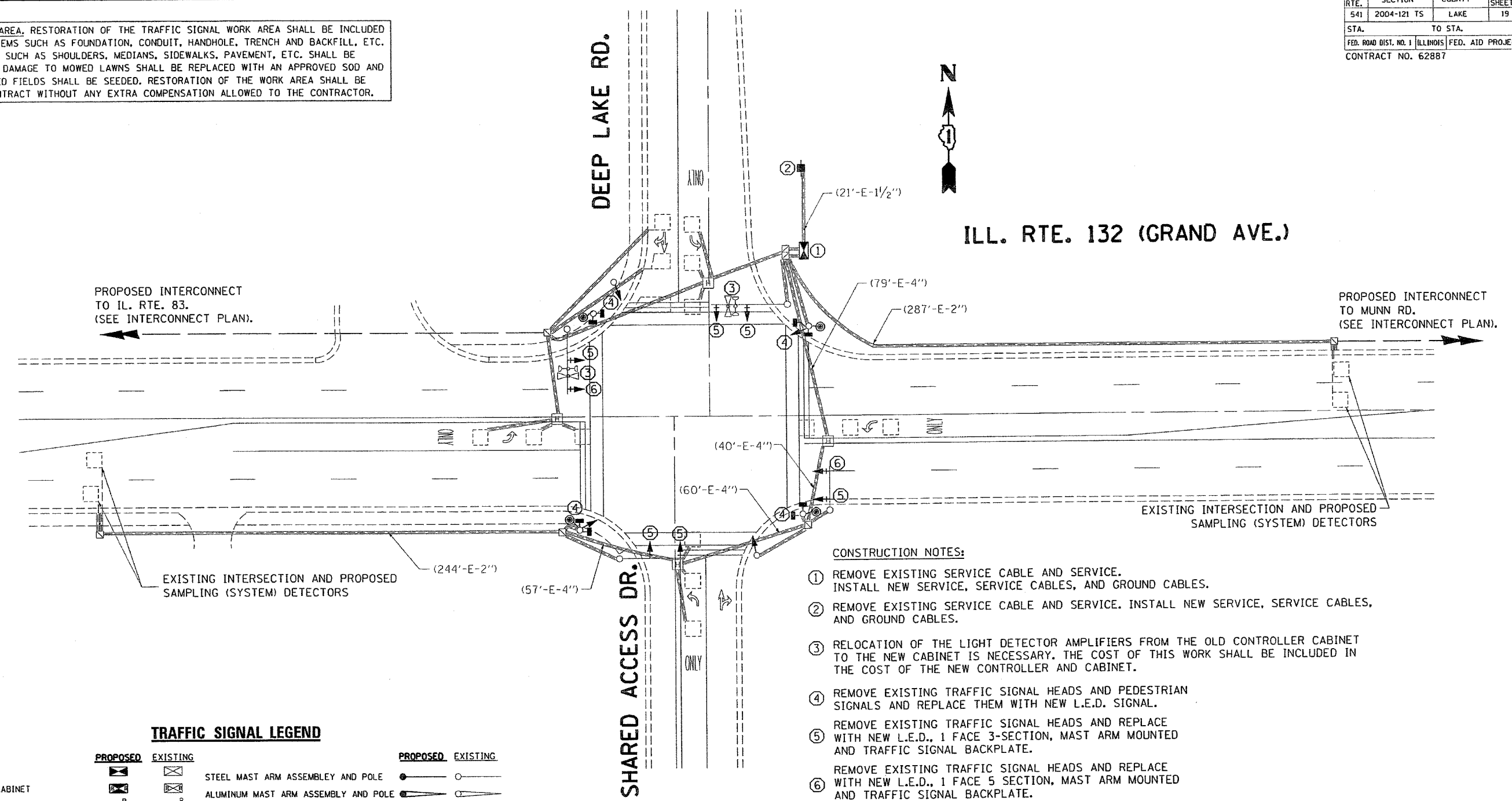


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	2004-121 TS	LAKE	19	9
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62887				

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. 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. RESTORATION OF THE WORK AREA SHALL BE INCIDENTAL TO THE CONTRACT WITHOUT ANY EXTRA COMPENSATION ALLOWED TO THE CONTRACTOR.



PROPOSED INTERCONNECT TO IL. RTE. 83. (SEE INTERCONNECT PLAN).

PROPOSED INTERCONNECT TO MUNN RD. (SEE INTERCONNECT PLAN).

CONSTRUCTION NOTES:

- ① REMOVE EXISTING SERVICE CABLE AND SERVICE. INSTALL NEW SERVICE, SERVICE CABLES, AND GROUND CABLES.
- ② REMOVE EXISTING SERVICE CABLE AND SERVICE. INSTALL NEW SERVICE, SERVICE CABLES, AND GROUND CABLES.
- ③ RELOCATION OF THE LIGHT DETECTOR AMPLIFIERS FROM THE OLD CONTROLLER CABINET TO THE NEW CABINET IS NECESSARY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE NEW CONTROLLER AND CABINET.
- ④ REMOVE EXISTING TRAFFIC SIGNAL HEADS AND REPLACE THEM WITH NEW L.E.D. SIGNAL.
- ⑤ REMOVE EXISTING TRAFFIC SIGNAL HEADS AND REPLACE WITH NEW L.E.D., 1 FACE 3-SECTION, MAST ARM MOUNTED AND TRAFFIC SIGNAL BACKPLATE.
- ⑥ REMOVE EXISTING TRAFFIC SIGNAL HEADS AND REPLACE WITH NEW L.E.D., 1 FACE 5 SECTION, MAST ARM MOUNTED AND TRAFFIC SIGNAL BACKPLATE.

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATION.

- 1 EACH CONTROLLER AND CABINET, COMPLETE
- THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE OF THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACTOR BID PRICE.
- 2 EACH SIGNAL HEADS, 3-SECTION
- 2 EACH SIGNAL HEADS, 5-SECTION
- 2 EACH SIGNAL HEADS, 5-SECTION M.A. MNTD.
- 6 EACH SIGNAL HEADS, 3-SECTION M.A. MNTD.
- 4 EACH PEDESTRIAN SIGNAL HEAD 2-FACE
- 4 EACH PUSH-BUTTONS
- 1 EACH SERVICE INSTALLATION
- 8 EACH BACKPLATES

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

TRAFFIC SIGNAL LEGEND

PROPOSED	EXISTING	PROPOSED	EXISTING
CONTROLLER CABINET		STEEL MAST ARM ASSEMBLY AND POLE	
RAILROAD CONTROL CABINET		ALUMINUM MAST ARM ASSEMBLY AND POLE	
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT		JUNCTION BOX	
TELEPHONE CONNECTION		HANDHOLE	
SIGNAL HEAD		HEAVY DUTY HANDHOLE	
SIGNAL HEAD WITH BACKPLATE		DOUBLE HANDHOLE	
SIGNAL HEAD OPTICALLY PROGRAMMED		G.S. CONDUIT IN TRENCH OR PUSHED	
SIGNAL HEAD PEDESTRIAN		COMMON TRENCH	
ILLUMINATED SIGN "NO LEFT TURN"		UNIT DUCT	
ILLUMINATED SIGN "NO RIGHT TURN"		PEDESTRIAN PUSHBUTTON DETECTOR	
SIGNAL POST		DETECTOR LOOP, TYPE I	
WOOD POLE		PERFORMED DETECTOR LOOP	
		EMERGENCY VEHICLE SYSTEM DETECTOR	
		CONFIRMATION BEACON	

NOTE: ALL TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE).

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL MODERNIZATION PLAN
IL. RTE. 132 AT DEEP LAKE RD.
 SCALE: VERT. 1"=20'
 HORIZ. DATE 5/3/2006
 DRAWN BY: BCK
 DESIGNED BY: BCK
 CHECKED BY: DAD