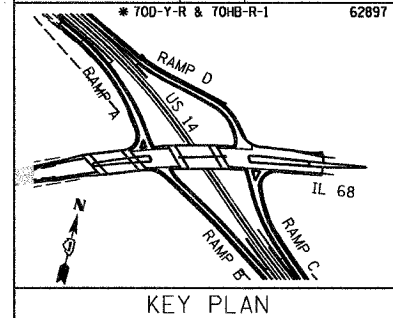


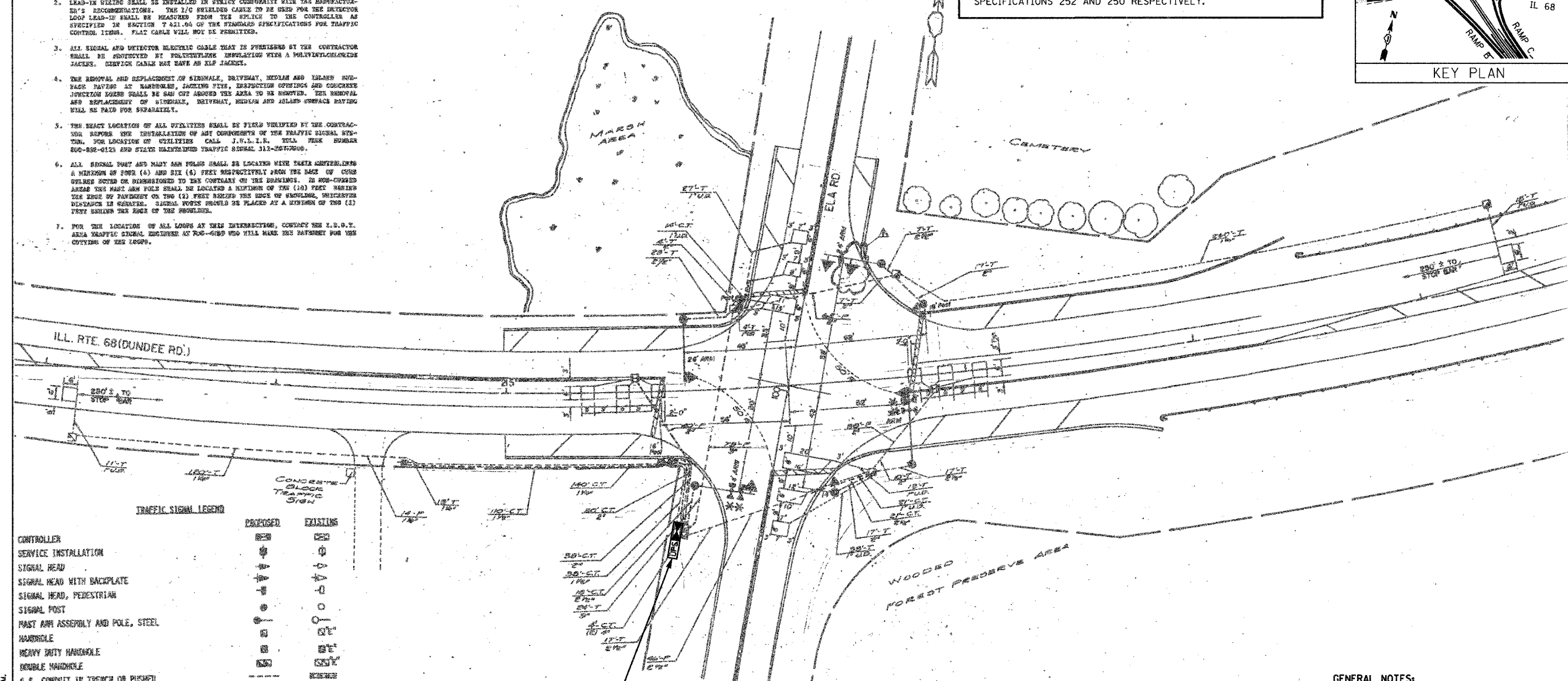
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
343	*	COOK	283	121A
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 700-Y-R & 704B-R-1		62897		

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, AND ETC. SHALL BE REPLACED AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



- GENERAL NOTES**
- ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS REQUIRED AND SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE LOOP DETECTOR MANUFACTURER'S RECOMMENDATIONS. THE DETECTOR LOOP SHALL BE REQUIRED FOR EACH PORTION OF ROAD CUT EXCEPT THE SPACES AS SPECIFIED IN SECTION 7.419.04 OF THE SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
 - LEAD-IN WIRING SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE 1/2" SHIELDED CABLE TO BE USED FOR THE DETECTOR LOOP LEAD-IN SHALL BE MEASURED FROM THE SPACES TO THE CONTROLLER AS SPECIFIED IN SECTION 7.421.06 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. FLAT CABLE WILL NOT BE PERMITTED.
 - ALL SIGNAL AND DETECTOR ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLYETHYLENE INSULATION WITH A MULTIVULCANIZABLE JACKET. SERVICE CABLE MAY HAVE AN ELP JACKET.
 - THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACES SHALL BE AT THE CONTRACTOR'S EXPENSE. INSPECTION OPENINGS AND CONCRETE JOINTS SHALL BE CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
 - THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES CALL J.U.L.I.R. TOLL FREE NUMBER 800-886-0124 AND STATE MAINTENANCE TRAFFIC SIGNAL 312-2677000.
 - ALL SIGNAL POST AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) AND SIX (6) FEET RESPECTIVELY FROM THE EDGE OF CURB OR SHOULDER OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF THE (10) FEET FROM THE EDGE OF PAVEMENT OR TWO (2) FEET FROM THE EDGE OF SHOULDER, UNLESS OTHERWISE DIMENSIONED IN SEPARATE LEGEND. LEGEND WORK SHOULD BE PLACED AT A MINIMUM OF TWO (2) FEET FROM THE EDGE OF THE SHOULDER.
 - FOR THE LOCATION OF ALL LOOPS AT THIS INTERSECTION, CONTACT THE I.L.D.P. AREA TRAFFIC SIGNAL ENGINEER AT 700-6189 WHO WILL MAKE THE PAYMENT FOR THE COPIES OF THE LOOPS.



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]
HANDPOLE	[Symbol]	[Symbol]
HEAVY DUTY HANDPOLE	[Symbol]	[Symbol]
DOUBLE HANDPOLE	[Symbol]	[Symbol]
G.S. CONDUIT IN TRENCH OR PUSHED	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
DETECTOR LOOP	[Symbol]	[Symbol]
CONCRETE JUNCTION BOX	[Symbol]	[Symbol]
CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]
EMERGENCY VEHICLE SYSTEM DETECTOR	[Symbol]	[Symbol]
SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol]
CONDUIT SPLICE	[Symbol]	[Symbol]
WOOD POLE	[Symbol]	[Symbol]
WACEMAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]	[Symbol]
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	[Symbol]	[Symbol]
RAILROAD CONTROL CABINET	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]

REMOVE EXISTING CONTROLLER & INSTALL NEW CONTROLLER WITH TRANSCEIVER & UPS UNIT. RECONNECT ALL EXISTING CONNECTIONS COMPLETE AND OPERATIONAL. REUSE EXISTING FOUNDATION.

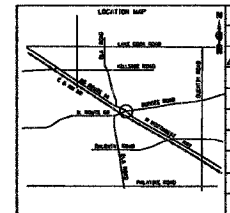
* THESE ITEMS INCLUDED IN CONTRACT FOR INSTALLATION OF EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT

* Plans Revised by JAMES J. DENES AND ASSOCIATES, INC.

△-Notes:
Add 3 section head SB Mast 10 feet from end.

GENERAL NOTES:
1. NEW WORK IS SHOWN AS BOLD.

NEW DRAWING
TS-09AOF 13



REVISIONS	
NAME	DATE
ADDENDUM 2	02/15/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL RTE 68 & ELA ROAD
PROPOSED TRAFFIC SIGNAL PLAN**

SCALE NONE
DATE NOVEMBER 2006

DRAWN BY R.P.J.
DESIGNED BY I.B.
CHECKED BY A.D.O.

Plot: johna
06/19/2006 - IL 68 over US 14
06/19/2006 - IL 68 over US 14
06/19/2006 - IL 68 over US 14
2/15/2007 12:37:02 PM 1:0000 M / M