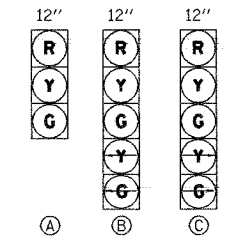
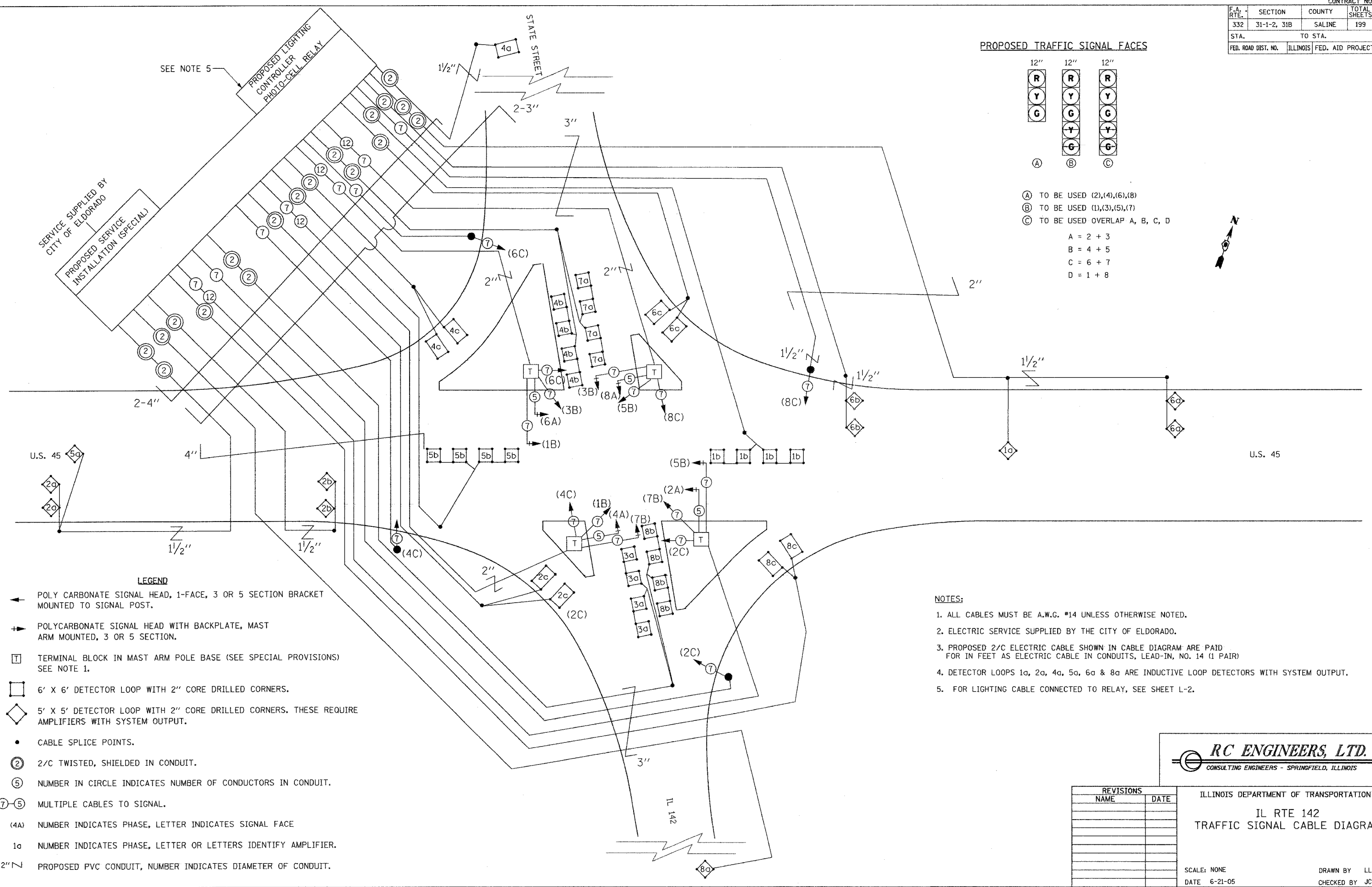


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	31-1-2, 31B	SALINE	199	93
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROPOSED TRAFFIC SIGNAL FACES



- (A) TO BE USED (2),(4),(6),(8)
 - (B) TO BE USED (1),(3),(5),(7)
 - (C) TO BE USED OVERLAP A, B, C, D
- A = 2 + 3
 B = 4 + 5
 C = 6 + 7
 D = 1 + 8



LEGEND

- ← POLY CARBONATE SIGNAL HEAD, 1-FACE, 3 OR 5 SECTION BRACKET MOUNTED TO SIGNAL POST.
- POLYCARBONATE SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED, 3 OR 5 SECTION.
- T TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS) SEE NOTE 1.
- 6' X 6' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.
- ◇ 5' X 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. THESE REQUIRE AMPLIFIERS WITH SYSTEM OUTPUT.
- CABLE SPLICE POINTS.
- ② 2/C TWISTED, SHIELDED IN CONDUIT.
- ⑤ NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN CONDUIT.
- ⑦-⑤ MULTIPLE CABLES TO SIGNAL.
- (4A) NUMBER INDICATES PHASE, LETTER INDICATES SIGNAL FACE
- 1a NUMBER INDICATES PHASE, LETTER OR LETTERS IDENTIFY AMPLIFIER.
- 2" PROPOSED PVC CONDUIT, NUMBER INDICATES DIAMETER OF CONDUIT.

NOTES:

1. ALL CABLES MUST BE A.W.G. #14 UNLESS OTHERWISE NOTED.
2. ELECTRIC SERVICE SUPPLIED BY THE CITY OF EL DORADO.
3. PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUITS, LEAD-IN, NO. 14 (1 PAIR)
4. DETECTOR LOOPS 1a, 2a, 4a, 5a, 6a & 8a ARE INDUCTIVE LOOP DETECTORS WITH SYSTEM OUTPUT.
5. FOR LIGHTING CABLE CONNECTED TO RELAY, SEE SHEET L-2.

RC ENGINEERS, LTD.
 CONSULTING ENGINEERS - SPRINGFIELD, ILLINOIS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 142
 TRAFFIC SIGNAL CABLE DIAGRAM

SCALE: NONE
 DATE: 6-21-05
 DRAWN BY: LLO
 CHECKED BY: JCP

FILES