



**NOTES**

1. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
2. ELECTRIC SERVICE IS SUPPLIED BY EGYPTIAN ELECTRIC CO-OP.
3. ELECTRIC CABLE DENOTED AS #10, 3/C BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN POLE. SEE STEEL COMB. MAST ARM ASSEMBLY AND POLE DETAIL.
4. PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR).
5. ALL SIGNAL LENSES SHALL BE 12 INCHES.

**LEGEND**

- T** TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS).
- 3a 3b** TWIN TENON FOR TWO LUMINAIRES. NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
- G** 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
- ☒** TRAFFIC SIGNAL CONTROLLER CABINET
- ☒** LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V, 60A
- ②** INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- ⑤** NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- (4)** NUMBER IN PARENTHESIS INDICATES PHASE
- 2a** 5' x 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 8c** 6' x 20' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 2a** 5' x 5' LOOP WITH 2" CORE DRILLED CORNERS: NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.
- ☒** EXISTING LIGHT POLE AND LUMINAIRE TO BE INCORPORATED INTO NEW LIGHTING

FILE NAME =	USER NAME = kellekd	DESIGNED -	REVISED -
et:\pw\work\p\dot\kellekd\0205725\78216-sht-signal.dgn		DRAWN -	REVISED -
PLOT SCALE = 60.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 12/15/2011		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL CABLE DIAGRAM  
IL 13 / GREENBRIAR RD.**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-1,N-3,TS-3	Williamson	219	93
CONTRACT NO.			78216	
ILLINOIS FED. AID PROJECT				