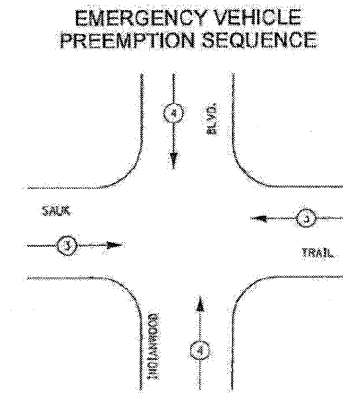
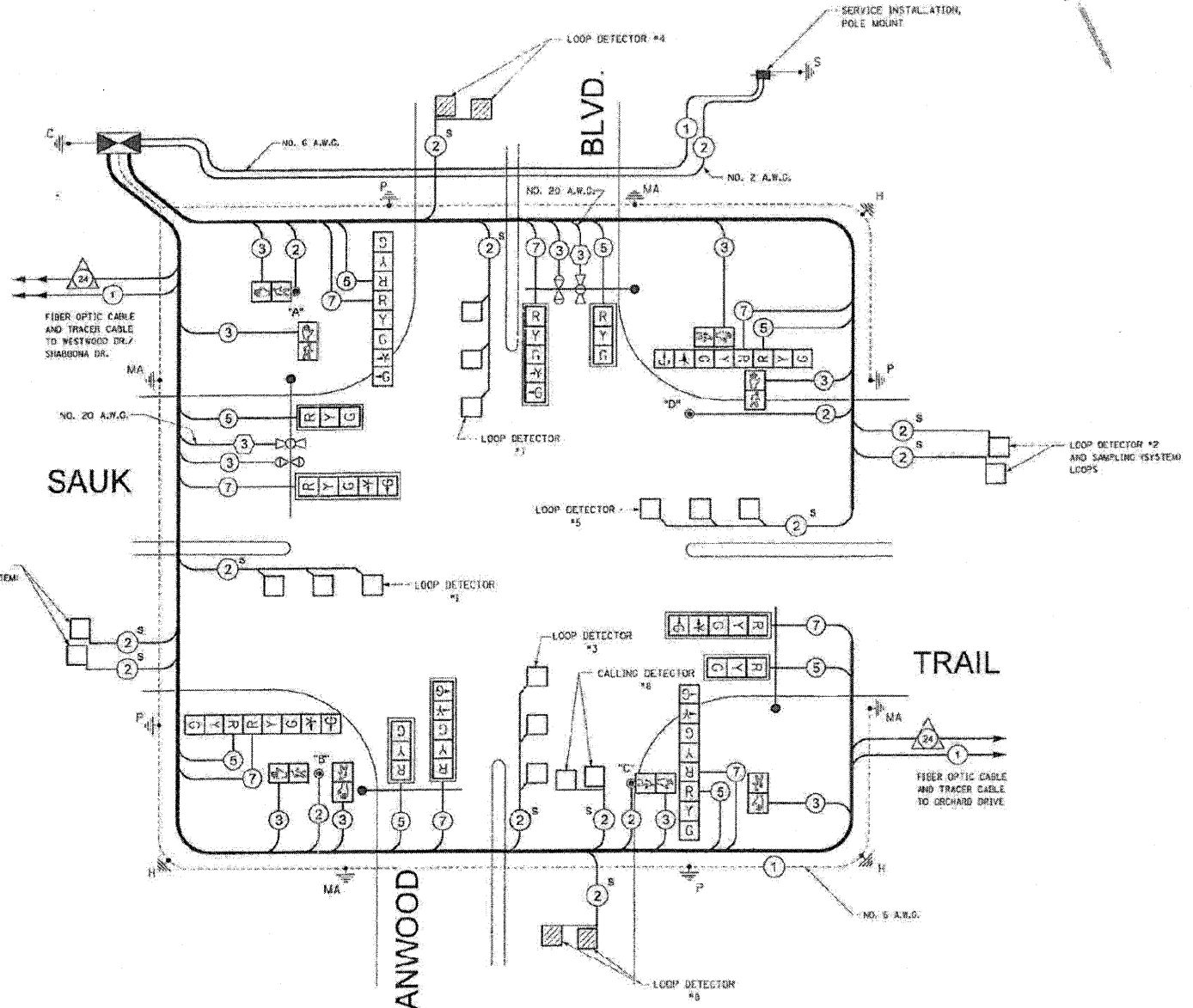
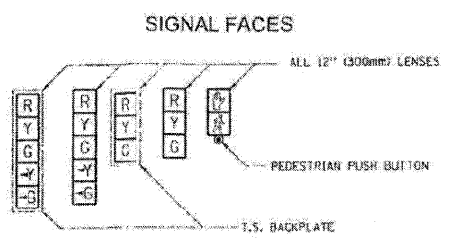


PHASE DESIGNATION DIAGRAM
DUAL ENTRY - ALL LEGS PROTECTED / PERMITTED LEFT TURN PHASING



PROPOSED EMERGENCY VEHICLE PREEMPTOR	
EMERGENCY VEHICLE PREEMPTOR	3
MOVEMENT	

- NOTE:
- THIS IS A SYSTEM GROUND THAT SHALL INTERCONNECT ALL GROUND RODS WITH NO. 6 L/VF COPPER AWG.
 - THE NEUTRAL AND GROUND SHALL BE TIED AT THE SERVICE INSTALLATION BUT SEPARATE AT THE TRAFFIC CABINET.



CABLE PLAN
NOT TO SCALE

CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET		
SERVICE INSTALLATION		
12" TRAFFIC SIGNAL SECTION		
2 DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 18 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE TWISTED AND SHIELDED.		
VEHICLE DETECTOR, INDUCTION LOOP		
SHIELDED & TWISTED		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
OPTICOM CABLE		
300mm PEDESTRIAN SIGNAL HEAD		
PUSHBUTTON DETECTOR		
GROUND ROD AT HANDHOLE BR., DOUBLE HANDHOLE BR., OR CONTROL LER TO.		
GROUND ROD AT POST (PI, OR MAST ARM POLE (MAM).		
GROUND ROD AT ELECTRIC SERVICE INSTALLATION		
FIBER OPTIC CABLE, NO. 52-5/125 MULTIMODE 12 FIBERS AND SINGLE MODE 12 FIBERS		

NOTE:
THE CONTROLLER SHALL BE AN EGNOLITE CONTROLLER TO MATCH THE EXISTING SYSTEM.

Reference Only

COUNTY OF COOK DEPARTMENT OF HIGHWAYS	
SAUK TRAIL AT INDIANWOOD BLVD. CABLE DIAGRAM	
COMPUTER DRAWN CHECKED	P.L.S. P.L.S. P.L.S.

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 DATE: 10/26/11



DESIGNED - TMS	REVISED -
DRAWN - KAR	REVISED -
CHECKED - JJF	REVISED -
DATE - 10-26-11	FILE - 091213-CCHD SIGNAL PLANS.sht

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK COUNTY HIGHWAY DEPARTMENT
SIGNAL PLANS - REFERENCE ONLY

SCALE: NONE STA. TO STA.

SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
11-00095-00-RS		COOK	27	25
FED. ROAD DIST. NO.		ILLINOIS/FED. AID PROJECT W-90039691		

*1055/1056