

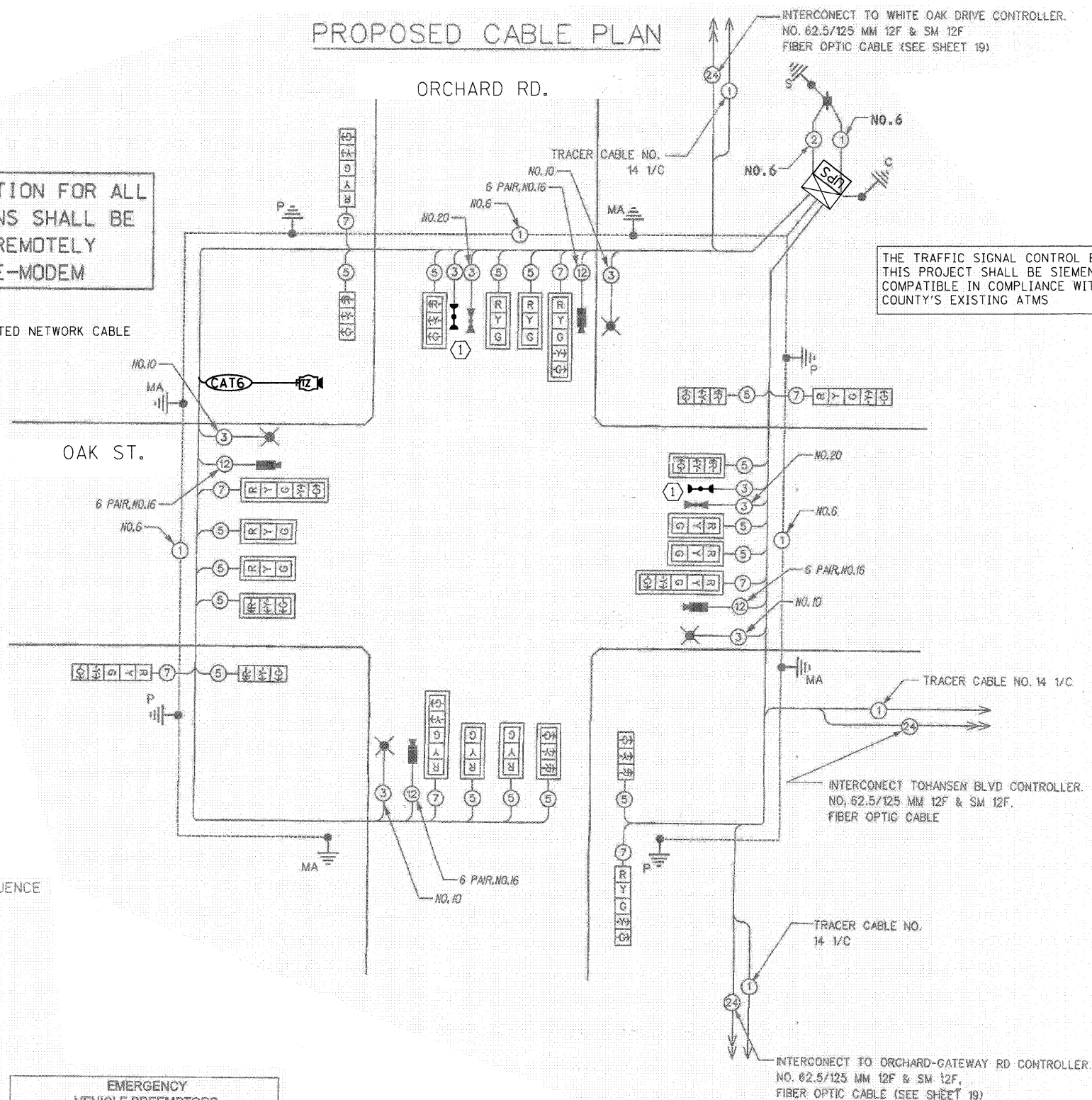
PAY ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SIGNAL HEAD, LED, RETROFIT	EACH	2
MEDIA CONVERTER	EACH	1
FIBER OPTIC PATCH PANEL	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	1
UNINTERRUPTIBLE POWER SUPPLY (SPECIAL KDOT)	EACH	1
SPLICE FIBER IN CABINET	EACH	4
QUAD ENCODER	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	258
MANAGED ETHERNET SWITCH, TYPE 2	EACH	1
MALFUNCTION MANAGEMENT UNIT	EACH	1

PROPOSED CABLE PLAN

VIDEO DETECTION FOR ALL INTERSECTIONS SHALL BE ACCESSABLE REMOTELY THROUGH TELE-MODEM

CAT6 - OUTDOOR RATED NETWORK CABLE

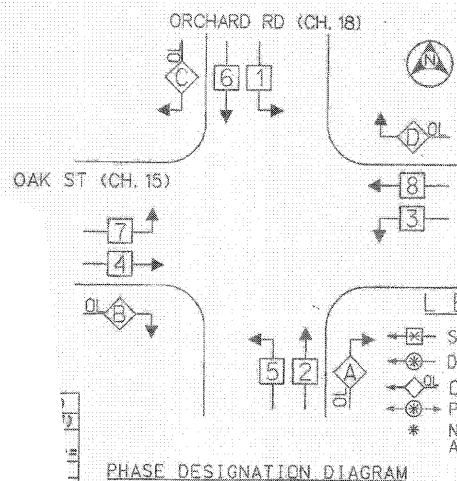
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE SIEMENS EAGLE COMPATIBLE IN COMPLIANCE WITH THE COUNTY'S EXISTING ATMS



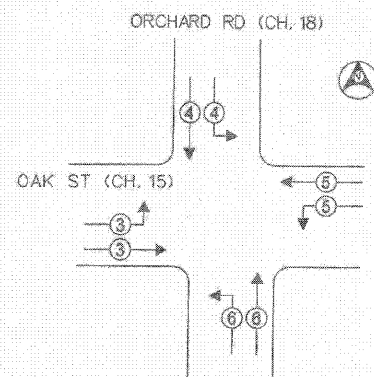
RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	2	3
B	4	5
C	6	7
D	8	1

PROPOSED CONTROLLER SEQUENCE



EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	→	↓	←	↑

CONSTRUCTION NOTES:

- 1 ALL CONFIRMATION BEACONS SHALL BE RETROFITTED WITH L.E.D. INDICATIONS. THIS WORK SHALL BE PAID FOR PER EACH BY SIGNAL HEAD, LED, RETROFIT.