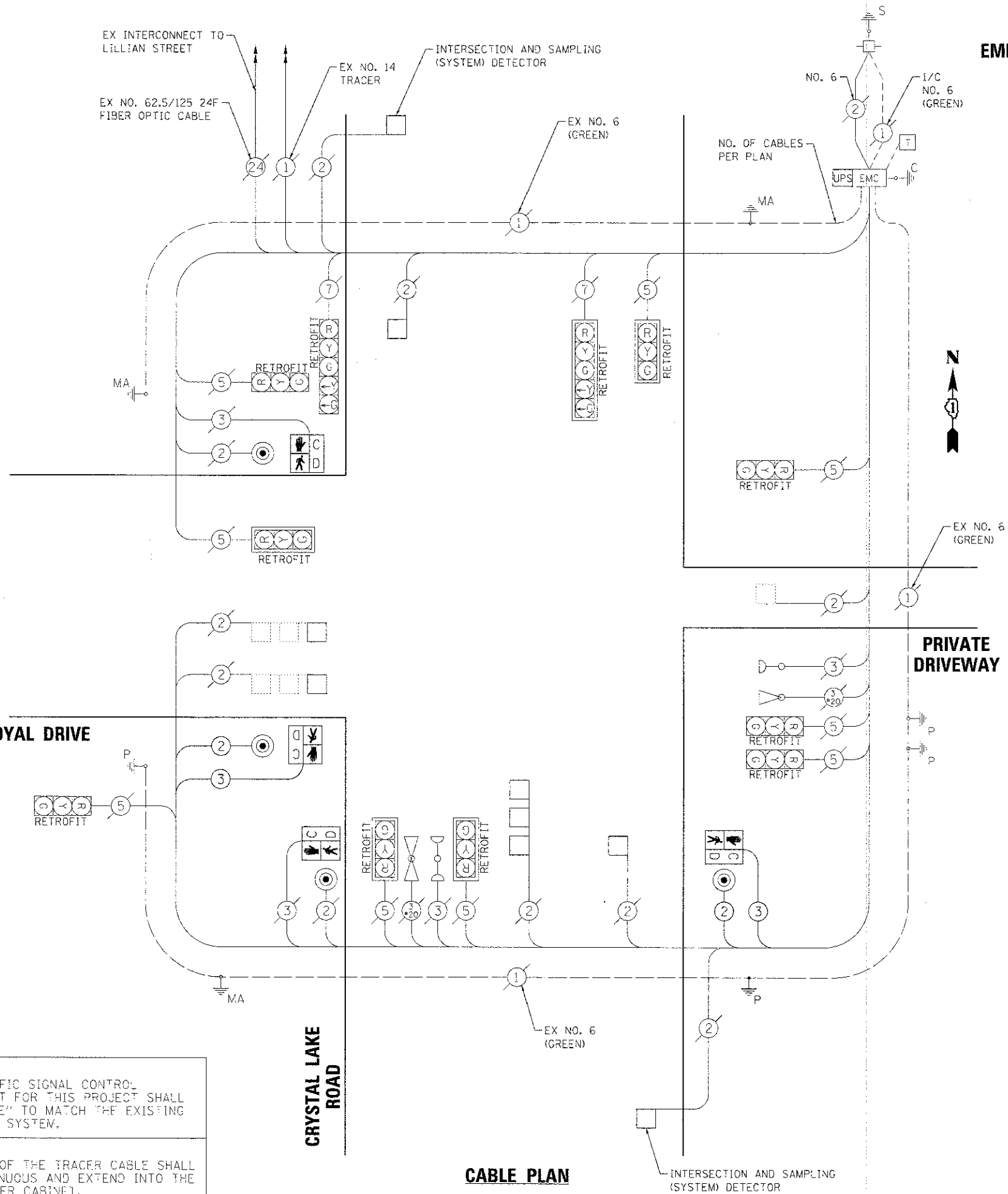
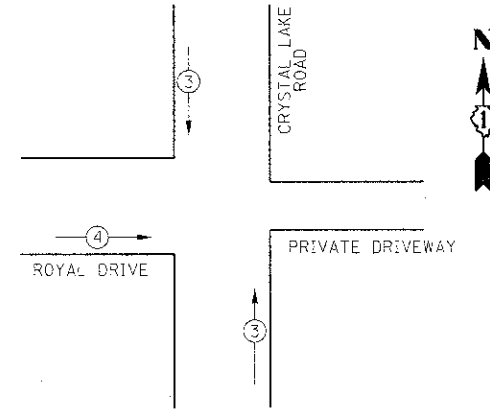


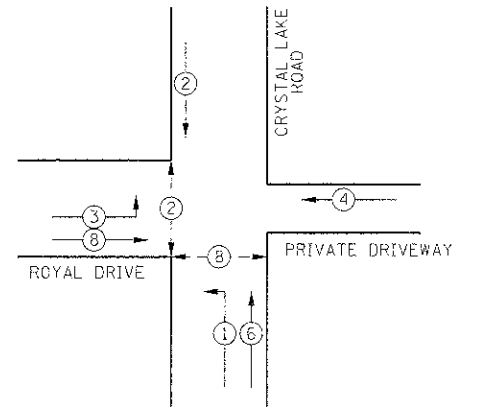


EXISTING & PROPOSED
EMERGENCY VEHICLE PREEMPTION SEQUENCE

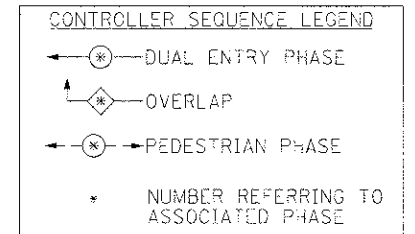


EXISTING & PROPOSED EMERGENCY VEHICLE PREEMPTIONS		
EMERGENCY VEHICLE PREEMPTIONS	3	4
MOVEMENT	↓	→

EXISTING & PROPOSED
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	11		17	0.50	93.50
(YELLOW)	11		25	0.25	68.75
(GREEN)	11		15	0.25	41.25
ARROW (YELLOW)	2		12	0.10	2.40
ARROW (GREEN)	2		12	0.10	2.40
PEDESTRIAN SIGNAL	4		25	1.00	100.00
CONTROLLER	1		100	1.00	100.00
UPS	1		25	1.00	25.00
TOTAL =					433.30

NOTE:
THE TRAFFIC SIGNAL CONTROL
EQUIPMENT FOR THIS PROJECT SHALL
BE "EAGLE" TO MATCH THE EXISTING
ADJACENT SYSTEM.

NOTE:
THE END OF THE TRACER CABLE SHALL
BE CONTINUOUS AND EXTEND INTO THE
CONTROLLER CABINET.

ENERGY COSTS TO: CITY OF MCHENRY
333 SOUTH GREEN STREET
MCHENRY, IL 60050

ENERGY SUPPLY CONTACT: NORA FERNANDEZ
PHONE: (866) 639-3532
COMPANY: COMMONWEALTH EDISON

 HRGreen.com Illinois Professional Design Firm #104-001322	USER NAME: jstcraiz	DESIGNED: JJS	REVISED: -
	PLST SCALE: NTS	DRAWN: JJS	REVISED: -
	PLST DATE: DATEL	CHECKED: CP	REVISED: -
		DATE: -	REVISED: -

CITY OF MCHENRY

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
CRYSTAL LAKE ROAD AT ROYAL DRIVE

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	11-00073-00-RS	MCHENRY	44	32
CONTRACT NO. 63794				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

COMPANY NAME: HRGreen.com
PROJECT CONTACT: NORA FERNANDEZ
DATE: 3/14/24 PM
CLIENT: CITY OF MCHENRY
PROJECT: CRYSTAL LAKE ROAD IMPROVEMENTS
FILE NAME: 11-00073-00-RS.dgn
PLOT NUMBER: 11-00073-00-RS.dgn
PLOT SCALE: NTS
PLOT DATE: DATEL