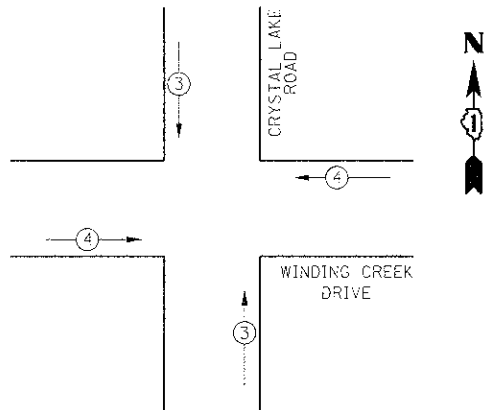
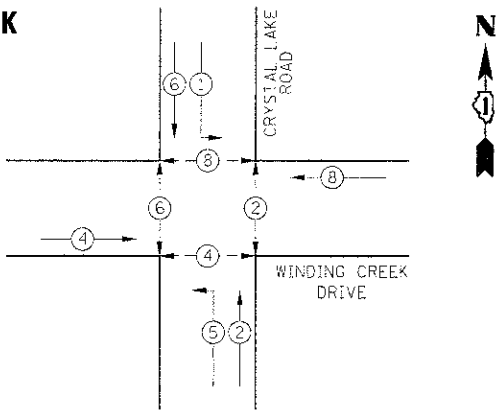


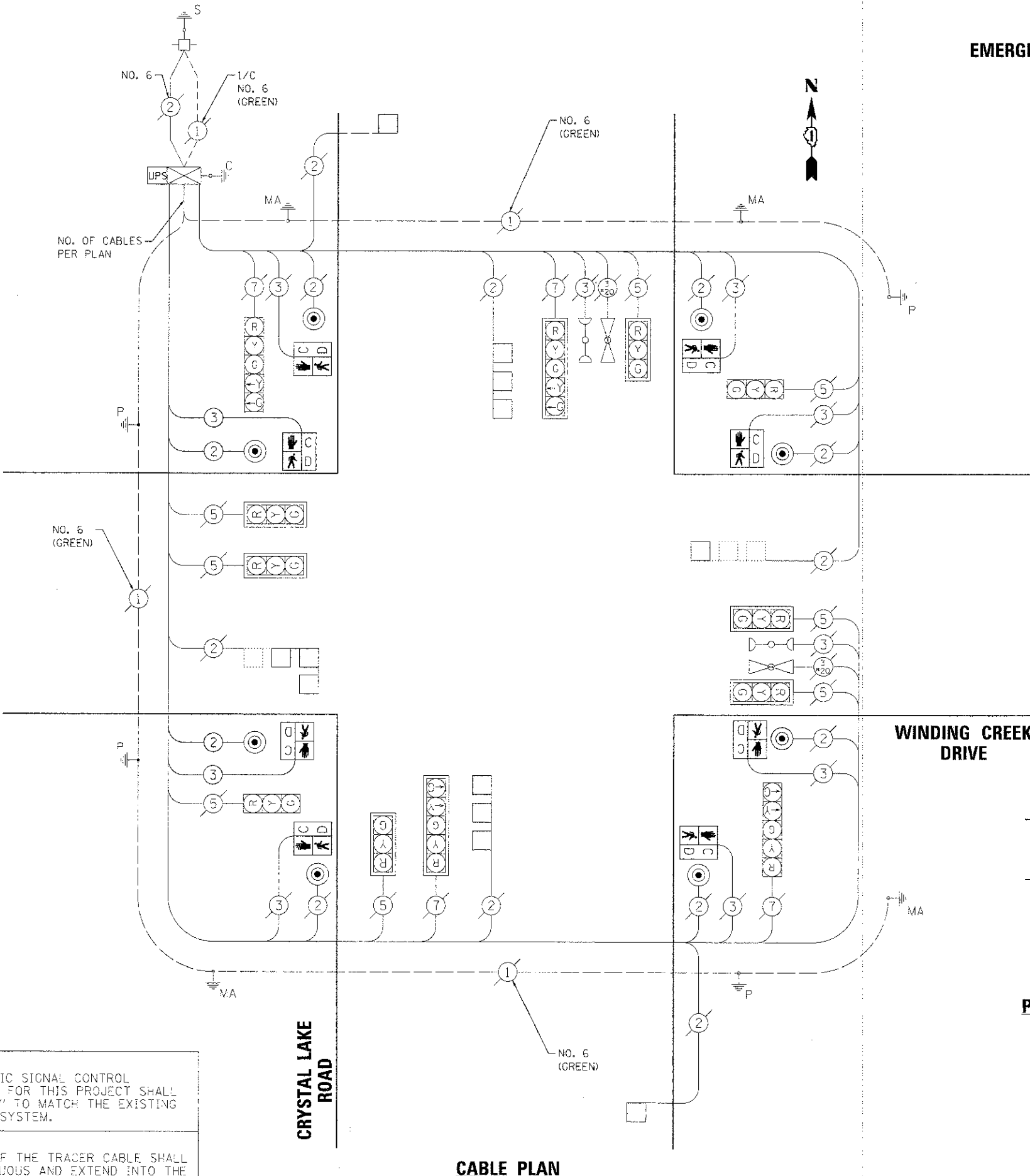
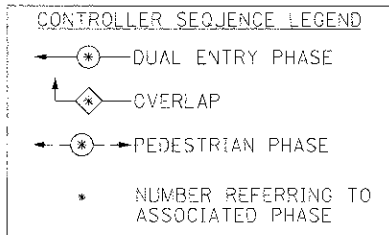
EXISTING & PROPOSED
EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING & PROPOSED
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAN.	LED		
SIGNAL (RED)	12		17	0.50	102.00
(YELLOW)	12		25	0.25	75.00
(GREEN)	12		15	0.25	45.00
ARROW (YELLOW)	4		12	0.10	4.80
ARROW (GREEN)	4		12	0.10	4.80
PEDESTRIAN SIGNAL	8		25	1.00	200.00
CONTROLLER	1		100	1.00	100.00
UPS	1		25	1.00	25.00
TOTAL =					556.60

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

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.

	USER NAME = jst-201	DESIGNED - JJS	REVISED -
	PLOT SCALE = NTS	DRAWN - JJS	REVISED -
	PLOT DATE = .DATEL.	CHECKED - CP	REVISED -
		DATE -	REVISED -

CITY OF MCHENRY

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
CRYSTAL LAKE ROAD AT WINDING CREEK 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	29
CONTRACT NO. 63794				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

C:\11-00073-00-RS\11-00073-00-RS.dgn
DATE: 11/11/2011 3:55:59 PM
FILE NAME: 11-00073-00-RS.dgn
PLOT: 11/11/2011 3:55:59 PM
PEN TABLE: Standard Trans-201

COMPANY NAME: HRGreen
PROJECT CONTACT: JST-201
CLIENT: CITY OF MCHENRY
DATE: 11/11/2011 3:55:59 PM
FILE NAME: 11-00073-00-RS.dgn
PLOT: 11/11/2011 3:55:59 PM
PEN TABLE: Standard Trans-201