THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

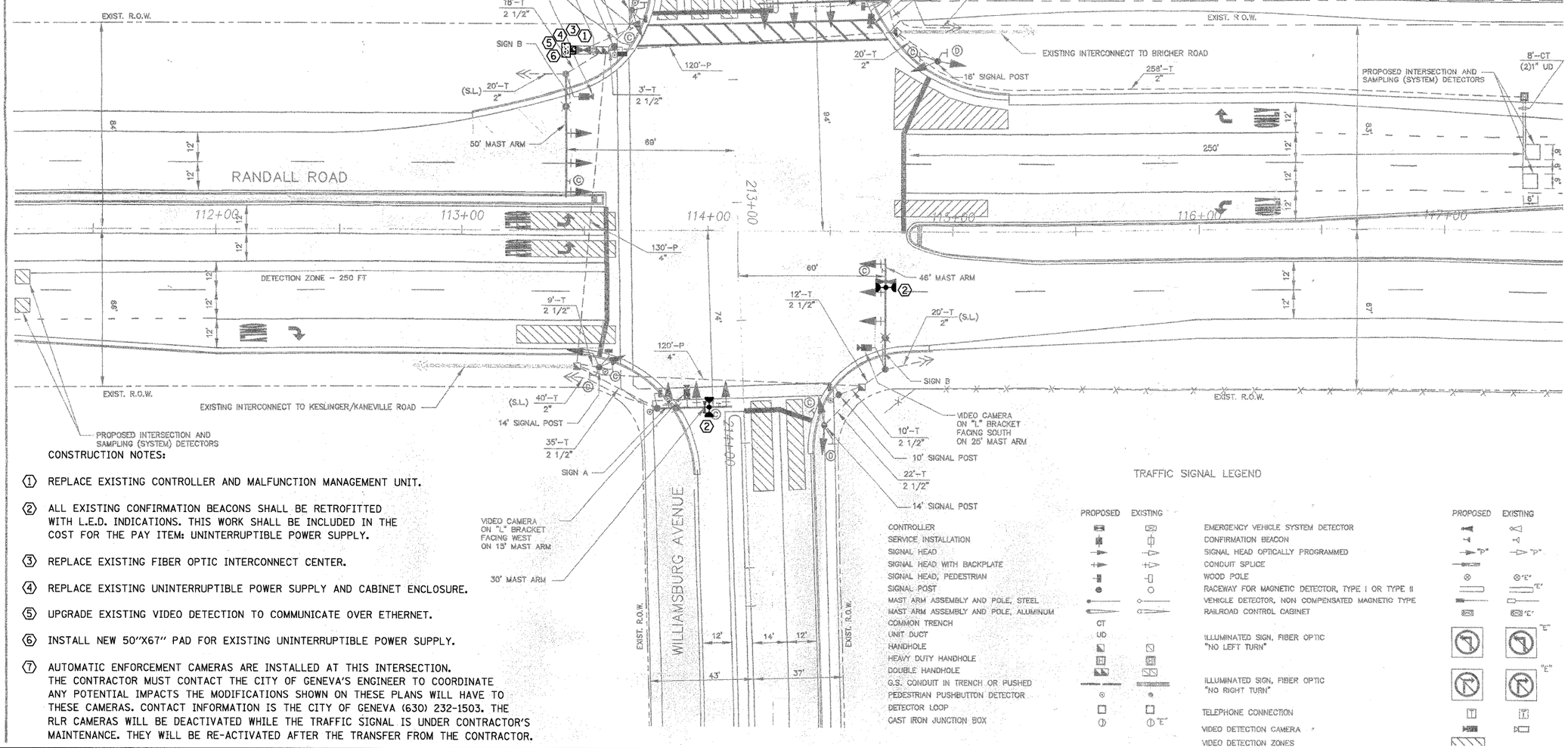
1 EACH CONTROLLER AND CONFLICT MONITOR
1 EACH UNINTERRUPTIBLE POWER SUPPLY

SIGN LEGEND

R1-1
30" x 30"
(FOLDABLE)

R10-5
24" x 30"

SIGN A	RANDALL RD
SIGN B	WILLIAMSBURG AVENUE



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH SPECIFICATIONS 252 AND 250 RESPECTIVELY.

CONSTRUCTION NOTES:

1. REPLACE EXISTING CONTROLLER AND MALFUNCTION MANAGEMENT UNIT.
2. ALL EXISTING CONFIRMATION BEACONS SHALL BE RETROFITTED WITH L.E.D. INDICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR THE PAY ITEM: UNINTERRUPTIBLE POWER SUPPLY.
3. REPLACE EXISTING FIBER OPTIC INTERCONNECT CENTER.
4. REPLACE EXISTING UNINTERRUPTIBLE POWER SUPPLY AND CABINET ENCLOSURE.
5. UPGRADE EXISTING VIDEO DETECTION TO COMMUNICATE OVER ETHERNET.
6. INSTALL NEW 50"X67" PAD FOR EXISTING UNINTERRUPTIBLE POWER SUPPLY.
7. AUTOMATIC ENFORCEMENT CAMERAS ARE INSTALLED AT THIS INTERSECTION. THE CONTRACTOR MUST CONTACT THE CITY OF GENEVA'S ENGINEER TO COORDINATE ANY POTENTIAL IMPACTS THE MODIFICATIONS SHOWN ON THESE PLANS WILL HAVE TO THESE CAMERAS. CONTACT INFORMATION IS THE CITY OF GENEVA (630) 232-1503. THE RLR CAMERAS WILL BE DEACTIVATED WHILE THE TRAFFIC SIGNAL IS UNDER CONTRACTOR'S MAINTENANCE. THEY WILL BE RE-ACTIVATED AFTER THE TRANSFER FROM THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
COMMON TRENCH	CT	
UNIT DUCT	UD	
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		

	PROPOSED	EXISTING
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED	"P"	"P"
CONDUIT SPLICE		
WOOD POLE		"E"
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET		"E"
ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"		"E"
ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"		"E"
TELEPHONE CONNECTION		
VIDEO DETECTION CAMERA		
VIDEO DETECTION ZONES		

TRAFFIC SIGNAL INSTALLATION PLAN
RANDALL ROAD AND WILLIAMSBURG AVENUE
GENEVA, ILLINOIS

TRAFFIC SIGNAL PLAN
REV.: 5/28/03 REV.: 1/20/03
DATE: 7/29/02 REV.: 10/07/02
DRAWN: MJD DESIGN: MJD

MJD ENGINEERING
3709 N. OKETO
CHICAGO, ILLINOIS 60634 (773) 625-5565

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3709 N. OKETO
CHICAGO, ILLINOIS 60634
(773) 625-5565

8 OF 10

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAN: SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, CADD FILE NAME, NOTE BOOK, NO.
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, STRUCTURE NO(S)/ATING, CHKD
BY, DATE

FILE NAME = N:\kanecounty\080673\Traffic\020_TSD_Randall-Williamsburg.dgn	USER NAME = FPACIONE	DESIGNED - ABR	REVISED -
		DRAWN - FCP	REVISED -
	PLOT SCALE = NOT TO SCALE	CHECKED - MJT	REVISED -
	PLOT DATE = 11/3/2010	DATE - AUGUST 31, 2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
RANDALL ROAD AND WILLIAMSBURG AVENUE

SCALE: | SHEET NO. OF SHEETS | STA. -- | TO STA. --

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	09-00237-02-TL	KANE	100	20
		CONTRACT NO. 63525		
		ILLINOIS FED. AID PROJECT		