

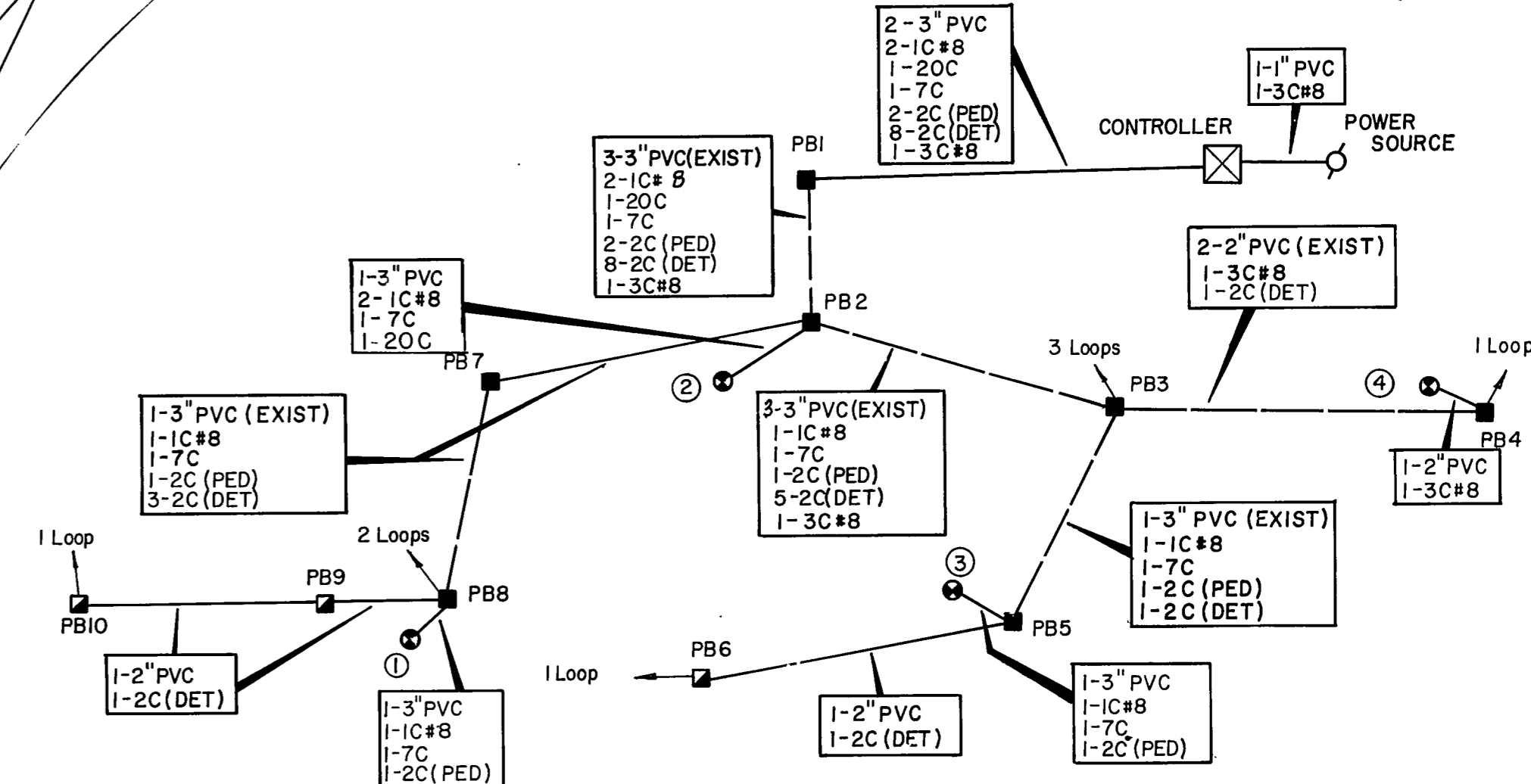
FOUNDATIONS:			
SIGNAL CONTROLLER	EA	1	
TYPE A POLES	EA	1	
TYPE B "	EA	3	
TYPE C "	EA	1	
POLES:			
MAST ARM ASSEMBLY w/15' ARM	EA	2	
MAST ARM ASSEMBLY w/20' ARM		1	
" w/25' ARM		1	
" w/30' ARM	EA	1	
" w/35' ARM	EA	1	
4 SECTION 12" SIGNAL HEAD w/1 DUAL ARROW		7	
3 SECTION 12" SIGNAL HEAD		2	
1 PEDESTRIAN HEAD	EA	2	
PERMANENTLY ILLUMINATED SIGN 36"X30"		3	
CONTROLLER-3 PHASE FULLY ACTUATED w/3M OPTICOM PRE-EMPT	EA	1	
POWER SUPPLY	EA	1	
12" PLASTIC STOP BAR (60mil.)	LF	1	
RETRO-REFLECTIVE	LS	1	
REMOVE EXIST SPAN WIRE CONTROLLER			

QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANT.
CONDUIT:			
	1-3" PVC TRENCH	LF	50
	1-3" PVC PUSH		—
	2-3" PVC TRENCH		35
	1-2" PVC PUSH		105
	1-2" PVC TRENCH	LF	105
	1-1" PVC TRENCH	LF	25
	2-3" PVC PUSH	LF	60
	PULL BOX	EA	3
CABLE WIRE			
	5 CONDUCTOR #12	LF	—
	7 " #12		400
	20 " #12		155
	2 " #12 (PED. DET)		515
	2 " SHIELDED LOOP LEAD		2050
	1 " #8 GROUND		530
	3 " #8 POWER		350
	LOOP WIRE #12 XHRW	LF	1039
	PEDESTRIAN PUSH BUTTON	PR	1
	3-M OPTICOM DETECTOR	EA	3
	LOOP DETECTOR AMPLIFIER	EA	8

SIGNAL ARRAYS						
HEAD NUMBERS	1,2,3 4,5	6,7	8,9	10 11	12	
LENS SIZE	12"	12"	*		36"X30"	
TYPE	Conv.	Conv.	Ped.	★	★	
LENS CONFIGURATION	←R	R	DW	← ONLY	↑ ONLY	
	←Y	Y	WALK			
	←G	G				
Total Number of Units	5	2	2	2	1	

★ Permanently Illuminated Sign (36"X30")
Sign face shall be Winko-Matic W-101
or Equal

* ONE SECTION PEDESTRIAN HEAD (WINKO-METIC)
MODEL VI-2L-AG OR EQUAL



WIRING & PVC DIAGRAM

CONDUIT & CABLE QUANTITIES

FROM	TO	DISTANCE	PVC CONDUIT T-TRENCH P-PUSHED	CABLE									
				5C	7C	20C	2C PED	2C DET	1C #8	1C #12	3C #8		
⊗	⊗	10'	1-1" T-25'										45
⊗	PB1	95'	2-3" P-60' 2-3" T-35'	105	105	210	840	210					105
	PB1	20'		25	25	50	200	25					25
	PB2	20'	1-3" T-25'		25	25							50
	PB2	PB7	70'		75	75	225	75					
	PB7	PB8	45'		50	50	150	50					450
	PB8	①	5'	1-3" T-10'	10			10					
	PB8	PB9	55'	1-2" P-55'				60					
	PB9	PB10	90'	1-2" P-50' 1-2" T-40'				95					65
	PB2	PB3	50'		55	55	275	55	224				55
	PB3	PB4	100'					105					105
	PB4	④	5'	1-2" T-10'									15
	PB3	PB5	35'		40	40	40	40					
	PB5	③	10'	1-3" T-15'	15		20	15					
	PB5	PB6	55'	1-2" T-55'				60					215
TOTALS					400	155	515	2050	530	1039			350

UNDER CONTRACT BY
H.B. JONES
Consulting Engineers Garland, Texas

- ⊗ → ⊗ INSTALL SIGNAL MAST ARM & POLE
- ⊗ INSTALL TRAFFIC SIGNAL HEAD
- ⊗ → ⊗ INSTALL PEDESTRIAN BUTTON
- ⊗ → ⊗ INSTALL OPTICOM DETECTOR ONE-DIRECTION
- ⊗ INSTALL SIGNAL PULL BOX
- ⊗ EXISTING SIGNAL PULL BOX
- ⊗ INSTALL CONTROLLER & FOUNDATION
- ⊗ POWER POLE - SERVICE SOURCE
- ⊗ INSTALL PEDESTRIAN SIGNAL POLE
- PVC CONDUIT
- EXISTING PVC CONDUIT
- W-SS-T-6- EXISTING U.G. UTILITIES - WATER - SAN. SEW. - TEL. - GAS
- SS STORM SEWER

NO.	Revision	By	Date
CITIES OF ADDISON & FARMERS BRANCH DALLAS COUNTY, TEXAS			
TRAFFIC SIGNAL INSTALLATION			
INTERSECTION LAYOUT BROOKHAVEN CLUB DR. AND SPRINGVALLEY ROAD			
GINN, INC. Consulting Engineers - Dallas, Texas			
Designed - HBJ	Drawn - RJB	Date - SEPT, 1983	Job -
Approved - HBJ	Checked - HBJ	Scale 1"=20'	Sheet 7 of 14