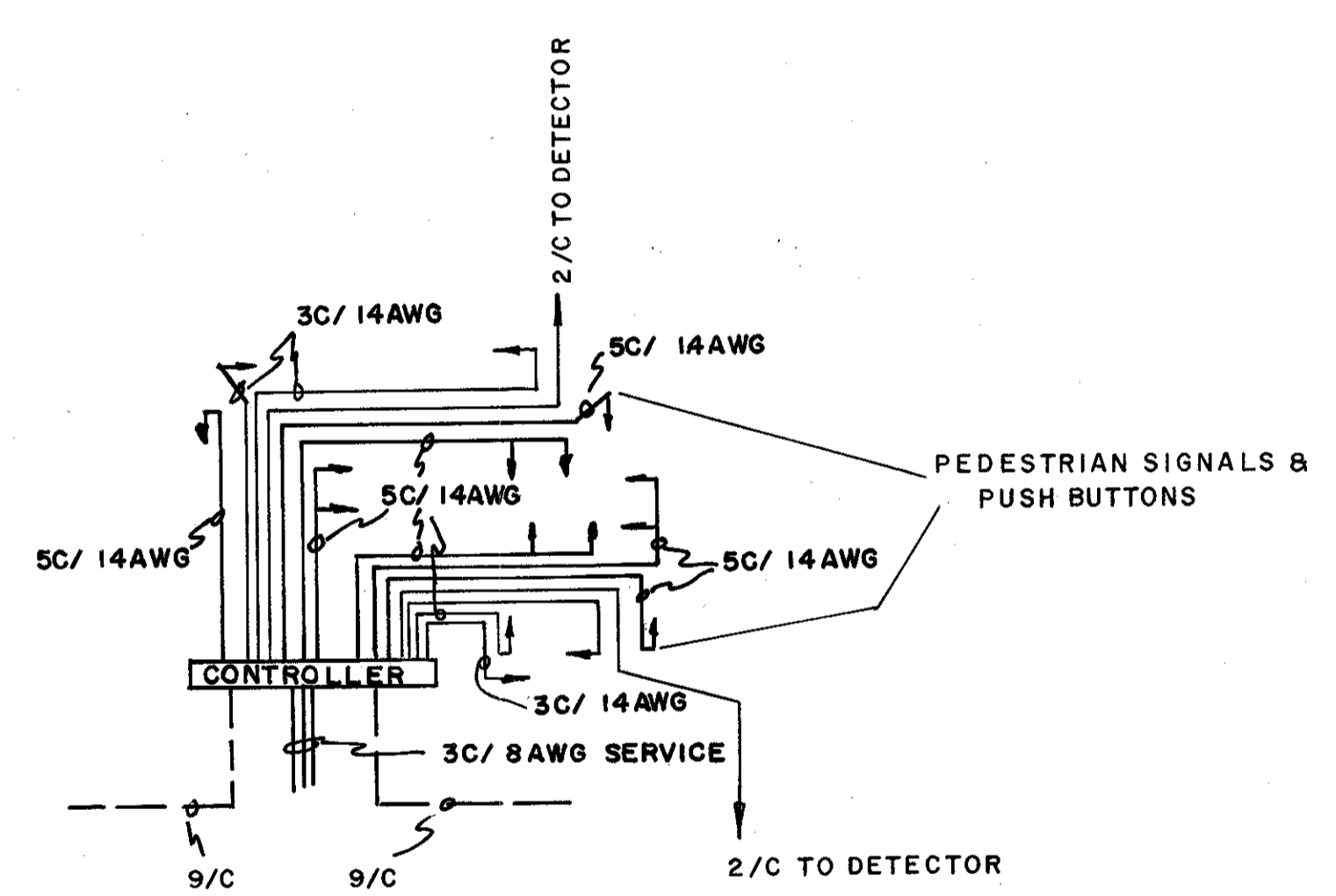
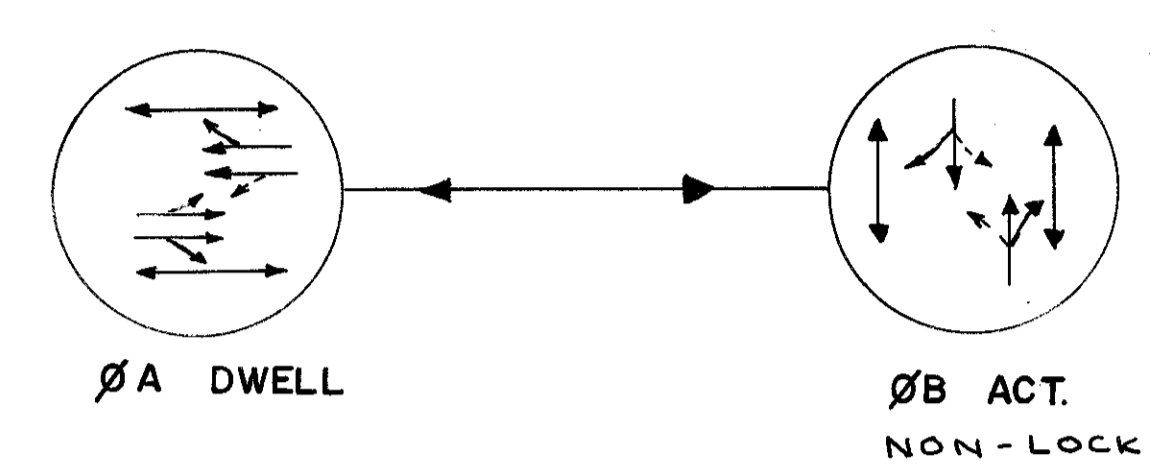
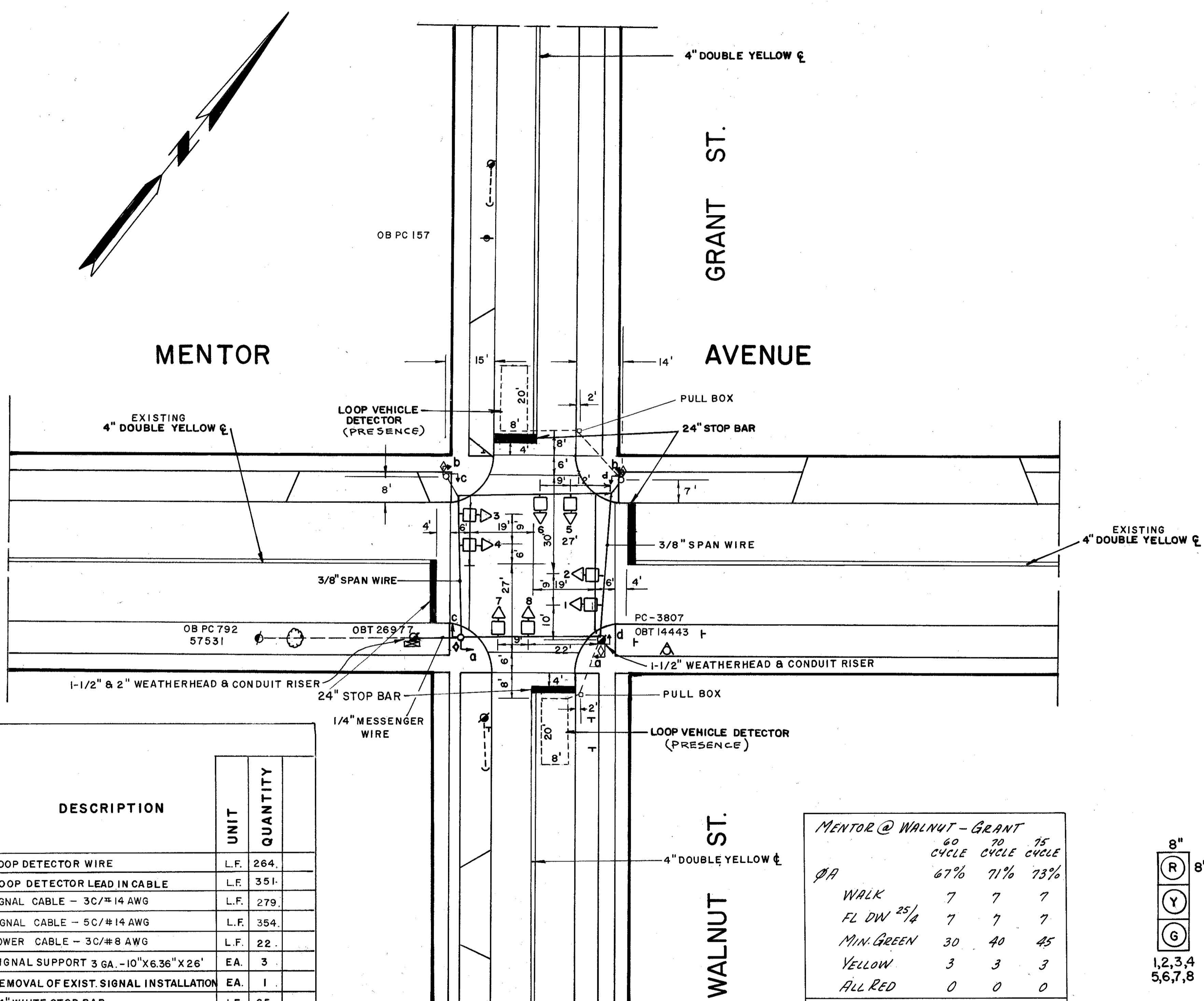


DATE		APPLIES ON		COLOR SEQUENCE CHARTS													
DRAWN		CAM CHART		MENTOR AVE. & GRANT & WALNUT ST.													
CHECKED				PAINESVILLE, OHIO													
APPROVED																	
DIAL SETTINGS (SECONDS OR PERCENT)																	
STREETS	NUMBER OF SIGNALS	LENS	DIAL SETTINGS														
			ØA DWELL	ØB ACT	INTERVAL												FLASH
1	2	3	4	5	6	7	8	9	10	11	12	13	14	FLASH			
X	C-C	DW	X	X	X												DARK
			d-d	FDW					X								
X	Q-Q	DW				X	X	X	X								DARK
			d-d	FDW	X												
X	WAL-GRANT	W	X	X	X												X
			R	X	X	X											
X	WAL-NUT-GRANT	Y				X	X										
			G				X	X									
X	WALNUT-GRANT	R	X	X	X												X
			Y	X	X	X											
X	WALNUT-GRANT	G				X	X										
			R				X	X	X								
X	MENTOR	Y				X	X										X
			G	X	X												
X	MENTOR	R				X	X	X									
			Y				X	X	X								
X	MENTOR	G	X	X													X
			R				X	X	X								

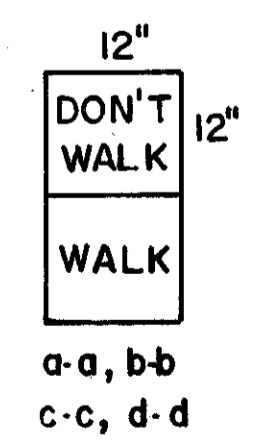
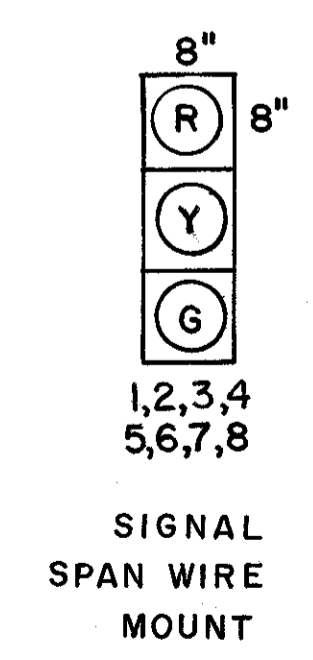
FDW - FLASHING DONT WALK



ITEM	DESCRIPTION	UNIT	QUANTITY
625	TRAFFIC SIGNALS, SPAN WIRE, 8" R, 8" Y, 8" G, 3 SECTION	EA.	8
625	PEDESTRIAN SIGNALS, INCANDESCENT, 12" X 12" - 2 WAY	EA.	4
625	PEDESTRIAN PUSHBUTTON W/SIGN	EA.	4
625	SIGNAL CONTROLLER, SECONDARY, TYPE II, POLE MTD.	EA.	1
625	GROUND ROD	EA.	4
625	TRENCH	L.F.	40
625	2" CONDUIT RISER W/ WEATHER HEAD	EA.	1
625	2" CONDUIT 713.04	L.F.	40
625	PULL BOX 713.09	EA.	2
625	LOOP DETECTOR PAVEMENT CUTTING	L.F.	134
625	3/8" 7 STRAND SPAN WIRE	L.F.	206
625	1/4" 3 STRAND MESSENGER WIRE	L.F.	14
625	1-1/2" WEATHERHEAD & CONDUIT RISER	EA.	2

ITEM	DESCRIPTION	UNIT	QUANTITY
625	LOOP DETECTOR WIRE	L.F.	264
625	LOOP DETECTOR LEAD IN CABLE	L.F.	351
625	SIGNAL CABLE - 3C/#14 AWG	L.F.	279
625	SIGNAL CABLE - 5C/#14 AWG	L.F.	354
625	POWER CABLE - 3C/#8 AWG	L.F.	22
816	SIGNAL SUPPORT 3 GA. - 10" X 6.36" X 26'	EA.	3
202	REMOVAL OF EXIST. SIGNAL INSTALLATION	EA.	1
621	24" WHITE STOP BAR	L.F.	65
625	COVERING OF TRAFFIC SIGNAL HEADS	EA.	8
625	LOOP DETECTOR AMPLIFIER	EA.	1
621	4" YELLOW DOUBLE ¶	MILES	0.06
621	6" WHITE CROSS WALK	L.F.	265
816	CONC. FOR SIGNAL SUPPORT	CY.	3
625	CABLE SUPPORT ASSEMBLY	EA.	3
625	INTERCONNECT CABLE 9/C, #12AWG, IMSA	L.F.	30

MENTOR @ WALNUT - GRANT			
	60	70	75
	CYCLE CYCLE CYCLE		
ØA	67%	71%	73%
WALK	7	7	7
FL DW 25/4	7	7	7
MIN. GREEN	30	40	45
YELLOW	3	3	3
ALL RED	0	0	0
ØB ACTUATED			
WALK	7	7	7
FL DW 37/4	10	10	10
INITIAL	4	4	4
VEHICLE EXT.	2	2	2
MAX.	17	17	17
YELLOW	3	3	3
ALL RED	0	0	0



WALNUT STREET AND MENTOR AVENUE AND GRANT STREET SIGNAL PLAN SCALE: 1" = 20'

CALC. BY E.G. DATE 11-11-74
CKD. BY D.O. DATE 1-31-75

FED. RD. DIV.	STATE	PROJECT
5	OHIO	T-4030-(13)

15
38

LAKE COUNTY
LAK. - 20-14.30
LAK. - 86-0.25
AND WASHINGTON STREET
AND ST. CLAIR STREET