

330
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John F. Bubaris

Feb 27 1986
TOWN OF WEST HARTFORD
PLANNING DEPT.

VOL. PAGE

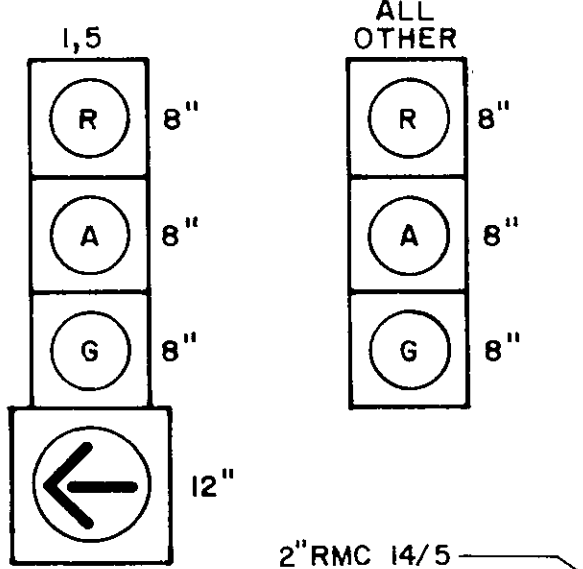
REGION NO.	STAT.	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	WEST HARTFORD	1XMT-1155(3)	155-113	1984	—	9	52

SEQUENCE & TIMING												
FACE	PHASE 1		PHASE 2		PHASE 3		PHASE 4		FLASH		OPER	
	ADV	CL	MIN	CL	ADV	CL	INIT	VEH	MAX	CL	CL	CL
1	G	G	G	A	R	R	R	R	R	R	R	FL A
2	G	G	G	A	R	R	R	R	R	R	R	FL A
3	R	R	G	A	R	R	R	R	R	R	R	FL A
4	R	R	G	A	R	R	R	R	R	R	R	FL A
5	R	R	R	R	R	R	G	G	G	G	A	FL R
6	R	R	R	R	R	R	G	G	G	G	A	FL R
7	R	R	R	R	R	R	G	G	G	G	A	FL R
8	R	R	R	R	R	R	G	G	G	G	A	FL R
MIN	4"	2"	10"	3"	1"	1"	10"	3"	1"	1"	1"	
MAX	15"	5"	60"	5"	15"	5"	50"	5"	1"	1"	1"	
DIAL 1	5"	2"	31"	4"	2"	2"	23"	2"	2"	2"	2"	
DIAL 2	7"	2"	39"	4"	2"	2"	23"	2"	2"	2"	2"	
DIAL 3	7"	2"	39"	4"	2"	2"	23"	2"	2"	2"	2"	
YIELD POINT												
FORCE OFF												
PHASING												
[Diagram showing phasing sequence]												

- NOTES**
1. PHASE 2 TO BE ON RECALL.
 2. PHASE 2 AMBER TO PLACE CALL ON PHASE 1.
 3. CONTROLLER AT THIS LOCATION TO BE INTERCONNECTED TO AND THE MASTER FOR CONTROLLERS ON SHEETS NOS. 8, 9 AND 10.
 4. CONTROLLER TO BE EQUIPPED WITH MANUAL CONTROL.
 5. BOTTOM OF SIGNAL HOUSING TO BE NOT LESS THAN 16 NOR MORE THAN 17 FEET ABOVE ROADWAY.
 6. RATE OF FLASHING OPERATION TO BE NOT LESS THAN 50 NOR MORE THAN 60 TIMES PER MINUTE.
 7. PEDESTRIAN ACTUATION TO RECEIVE MINIMUM OF 12 SECONDS OF PHASE 4 GREEN.
 8. PHASE 4 DETECTORS SHALL ALSO CALL PHASE 3.

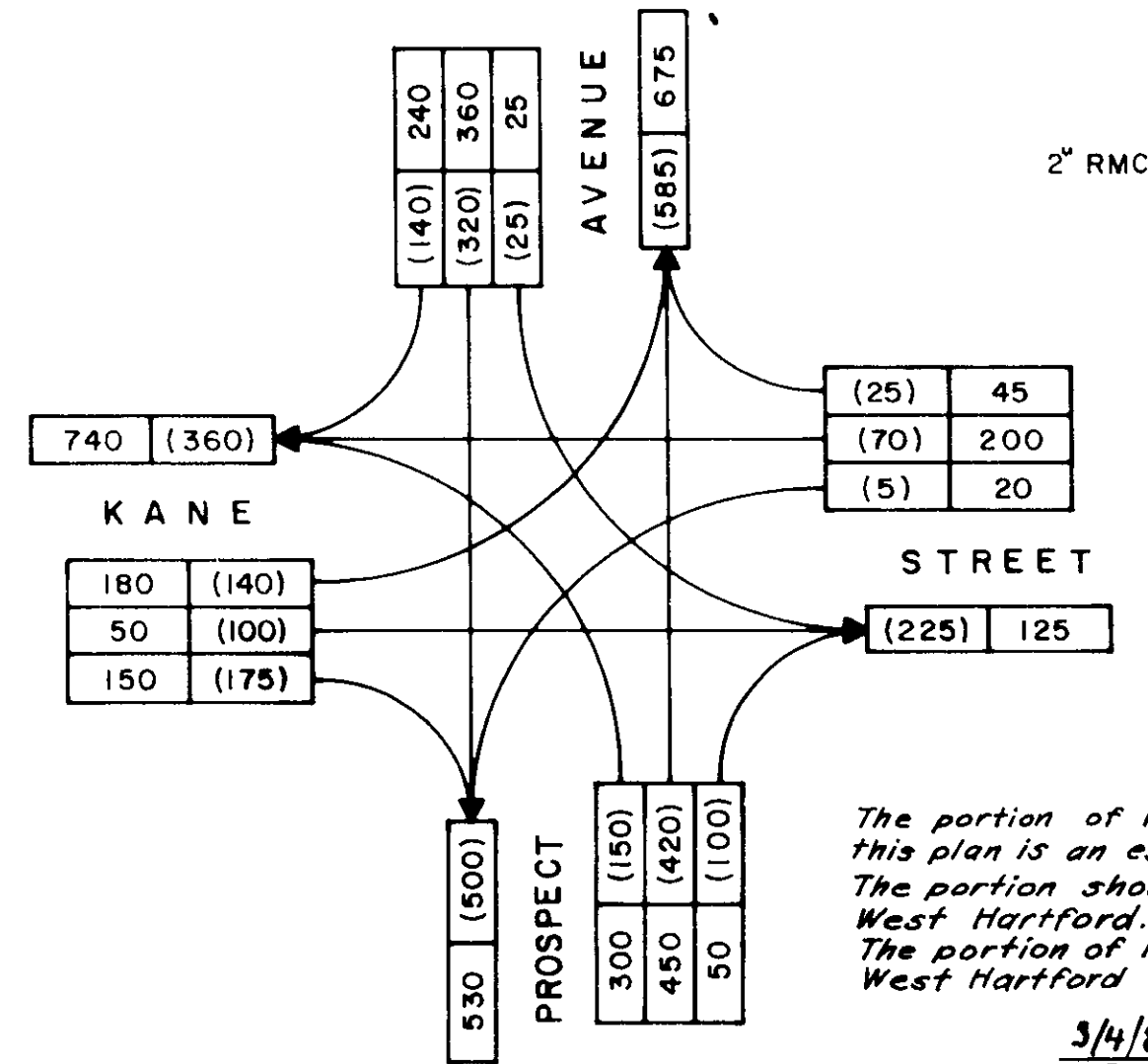
OPERATION SCHEDULE									
DIAL	CYCLE	YIELD	MIN	MAX	ADV	OFF	OFFSET	F=0	HOURS OF OPERATION
1	80"	47%	1	1	1	1	0%	92%	6:00 AM TO 10:00 AM MONDAY THRU SATURDAY
2	90"	53%	2	1	2	1	0%	93%	10:00 AM TO 3:00 PM MONDAY THRU SATURDAY
3	90"	53%	2	1	2	1	0%	93%	3:00 PM TO 7:00 PM MONDAY THRU SATURDAY
FREE OPERATION, DIAL 1, AT ALL OTHER TIMES (LOCAL TIMECLOCK)									

SIGNAL FACES



LEGEND

○	PROPOSED WOOD SPAN POLE
●	EXISTING WOOD SPAN POLE
○	PROPOSED STEEL SPAN POLE
●	EXISTING STEEL SPAN POLE
○	PROPOSED UTILITY POLE
●	EXISTING UTILITY POLE
□	PEDESTAL MOUNTING
□	PEDESTRIAN PUSH BUTTON & SIGN
□	TRAFFIC SIGNAL FACE & NO.
□	PEDESTRIAN SIGNAL FACE
□	CONTROLLER
□	NON-DIRECTIONAL LOOP VEHICLE DETECTOR
□	DET. LEADS IN SAWCUT
□	HANDHOLE
---	(RMC) RIGID METAL CONDUIT
---	STRAIN INSULATOR
---	MAGNETOMETER DETECTOR
---	MAGNETIC DETECTOR
---	PROPOSED MAST ARM ASSEMBLY
---	EXISTING MAST ARM ASSEMBLY
---	PROPOSED COMBINATION POLE
---	EXISTING COMBINATION POLE



The portion of Kane St. on the east side of Prospect Ave. shown on this plan is an established public street of the City of Hartford.
The portion shown on the west side is established by the Town of West Hartford.
The portion of Prospect Ave. shown is established by the Town of West Hartford but has property in Hartford fronting on it.

3/4/86
Date
James G. Bubaris
City Engineer

(000) A.M. PEAK HOUR 000 P.M. PEAK HOUR

GENERAL NOTES

- REMOVE ALL EXISTING SIGNAL EQUIPMENT AND RETURN TO TOWN OF WEST HARTFORD
- INSTALL 32' GALVANIZED STEEL COMBINATION SPAN POLE WITH 15' TRUSS-TYPE LUMINAIRE BRACKET. LUMINAIRE AND WIRING BY C.L. & P.
 - INSTALL 2" RMC SWEEP IN BASE.
 - INSTALL 4'4" BRUSHED ALUMINUM PEDESTAL ON TRANSFORMER BASE.
 - INSTALL CONTROLLER IN CABINET ON TYPE II FOUNDATION. CABINET DOOR TO OPEN STREETSIDE.
 - INSTALL SEGMENTED LOOP PRESENCE DETECTOR, 4 LOOPS, 3 TURNS PER LOOP.
 - INSTALL TYPE II CONCRETE HANDHOLE INCLUDING GALVANIZED STEEL COVER.
 - INSTALL TYPE 4 SIDEWALK RAMP, PER DETAIL.
 - POLE AND LUMINAIRE TO BE REMOVED BY C.L. & P.
 - INSTALL PEDESTRIAN PUSH BUTTON AND SIGN.
- INSTALL ALL PAVEMENT MARKINGS AS SHOWN. ALL CROSSWALKS TO BE 12" WHITE PREFORMED PLASTIC. ALL LANE LINES TO BE 4" WHITE PREFORMED PLASTIC. ALL STOPBARS TO BE 12" WHITE PREFORMED PLASTIC. ALL DOUBLE YELLOW CENTERLINES TO BE 4" PREFORMED PLASTIC.

AS PART OF THIS PROJECT, ALL PAVEMENT MARKINGS SHALL BE INSTALLED CONTINUOUS BETWEEN INTERSECTIONS UNLESS OTHERWISE NOTED.

AS PART OF THIS PROJECT, ALL TRAFFIC SIGNAL APPURTENANCES SHOWN ABUTTING RIGHT-OF-WAY SHALL ACTUALLY BE LOCATED A MINIMUM OF 6" FROM RIGHT-OF-WAY LINE. CONTRACTOR SHALL MAKE PROVISIONS NOT TO ENCROACH ONTO PRIVATE PROPERTY IN ANY WAY WHATSOEVER.

CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS
DIVISION OF TRAFFIC

WEST HARTFORD URBAN SYSTEMS

PROSPECT AVENUE
AT
KANE STREET

TOWN OF WEST HARTFORD
DEPARTMENT OF PHYSICAL SERVICES
TRAFFIC AND TRANSPORTATION DIVISION

JAMES F. KISSANE, JR., PE. - DIRECTOR OF PHYSICAL SERVICES
JAMES G. BUBARIS, PE. - TRAFFIC & TRANSPORTATION MANAGER

SCALE 1"=20'

88 1506

