

F.H.W.A. REGION NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	BRISTOL	-	-	1990	-	-	-

NTOR	MOVEMENT DIAGRAM																					FIRE PRE-EMPT	FIRE PRE-EMPT												
	PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7																
FACE #	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL					
	1	G/←	G/←	G/←	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G/←	G/←	G	Y	Y	Y
2	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	Y	Y	
3	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	
4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	
5	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	
P	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	OFF	OFF	OFF
MIN	3	3	0	5	3	0	10	0	0	15	3	0																				*	*	*	
MAX	20	5	2	45	5	3	25	0	0	45	5	3																				*	*	*	

INTERVALS	MIN GRN		WALK		PED CLR		VEH EXT		MAX 1		MAX 2		YELLOW		RED		ADD INT		MAX INT		T BR		T TR		MIN GAP	
	5	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MIN GRN	5	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
WALK	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PED CLR	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VEH EXT	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MAX 1	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MAX 2	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
YELLOW	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RED	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ADD INT	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MAX INT	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
T BR	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
T TR	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MIN GAP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE: DETECTOR D1 TO CALL AND EXTEND Ø1

ENERGY BY - CITY SERVICE POLE - OFFICE RECORD

INTERSECTION #017-243

NORMAL 1.12 kW 730 hr/mo 820 kWh/mo

FLASH kW hr/mo kWh/mo

JOB # SM #

SIGNAL REVISED - NEW CONTROLLER, VEHICLE AND PEDESTRIAN SIGNAL HEADS, PEDESTALS, TRAFFIC CONTROL CABLE, AND VEHICLE DETECTORS

LEGEND

- R RED
- Y YELLOW
- G GREEN
- ← RED ARROW
- ← Y YELLOW ARROW
- ← G GREEN ARROW
- WB WALK/FL DW
- DW DON'T WALK
- FL FLASHING
- 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 AND SIGN
- TRAFFIC SIGNAL FACE
- PEDESTRIAN SIGNAL FACE
- LOOP DETECTOR
- MAGNETIC DETECTOR
- SD SYSTEM DETECTOR

CONTROLLER HANDLE

(RMC) RIGID METAL CONDUIT

STRAIN INSULATOR

MAGNETOMETER PROBES

CABLE CLOSURE

DET. LEADS IN SAW CUT

AUXILIARY TERMINATION CABINET

RADIO ANTENNA

TOWN SIGNAL

STATE OF CONNECTICUT DEPT. OF TRANSPORTATION BUREAU OF HIGHWAYS DIV. OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL

CITY OF BRISTOL ROUTE 72 (SCHOOL ST.) AT CHURCH ST. & NORTH MAIN ST.

FIELD SURVEY	ENGINEER	DRAFTER	CHECKED BY	SUBMITTED BY	APPROVED BY	DATE
VANASSE HANGEN	BRUSTLIN, INC.	BRUSTLIN, INC.				

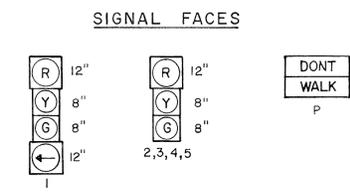
TRAFFIC ELECTRICAL

DATE	DATE

NOTE: SIGNAL FACE # 1 TO HAVE 12" BI-COLORED YELLOW/GREEN ARROW

CONSTRUCTION NOTES

- EXISTING STEEL SPAN POLES TO BE RETAINED.
- CONTRACTOR TO INSTALL BASE-MOUNTED, FOUR PHASE CONTROLLER (CLOSED LOOP) ON NEW FOUNDATION IN SOUTHWEST CORNER.
- CONTRACTOR TO INSTALL TWO (2) NEW EIGHT FOOT ALUMINUM PEDESTALS ON EXISTING FOUNDATIONS.
- CONTRACTOR TO INSTALL EIGHT (8) NEW TRAFFIC SIGNAL HEADS, SPAN WIRE AND TRAFFIC CONTROL CABLE.
- CONTRACTOR TO INSTALL EIGHT (8) NEW PEDESTRIAN SIGNALS - TWO 2-WAY PEDESTAL-MOUNTED AND FOUR 1-WAY POLE MOUNTED - ALL WITH PUSHBUTTONS AND SIGNS.
- CONTRACTOR TO INSTALL THREE (3) WIRE LOOP VEHICLE DETECTORS WITH LEAD-IN.
- ELECTRICAL SERVICE TO CONTROLLER TO BE COORDINATED WITH CL&P.
- ALL AERIAL ATTACHMENTS TO BE COORDINATED WITH CL&P AND SNET.
- EXISTING PAVEMENT MARKINGS AND SIGNING TO BE RETAINED UNLESS OTHERWISE NOTED.
- ALL TRAFFIC SIGNAL EQUIPMENT REMOVED DURING CONSTRUCTION TO BE DELIVERED TO THE CITY OF BRISTOL UNLESS OTHERWISE DIRECTED.



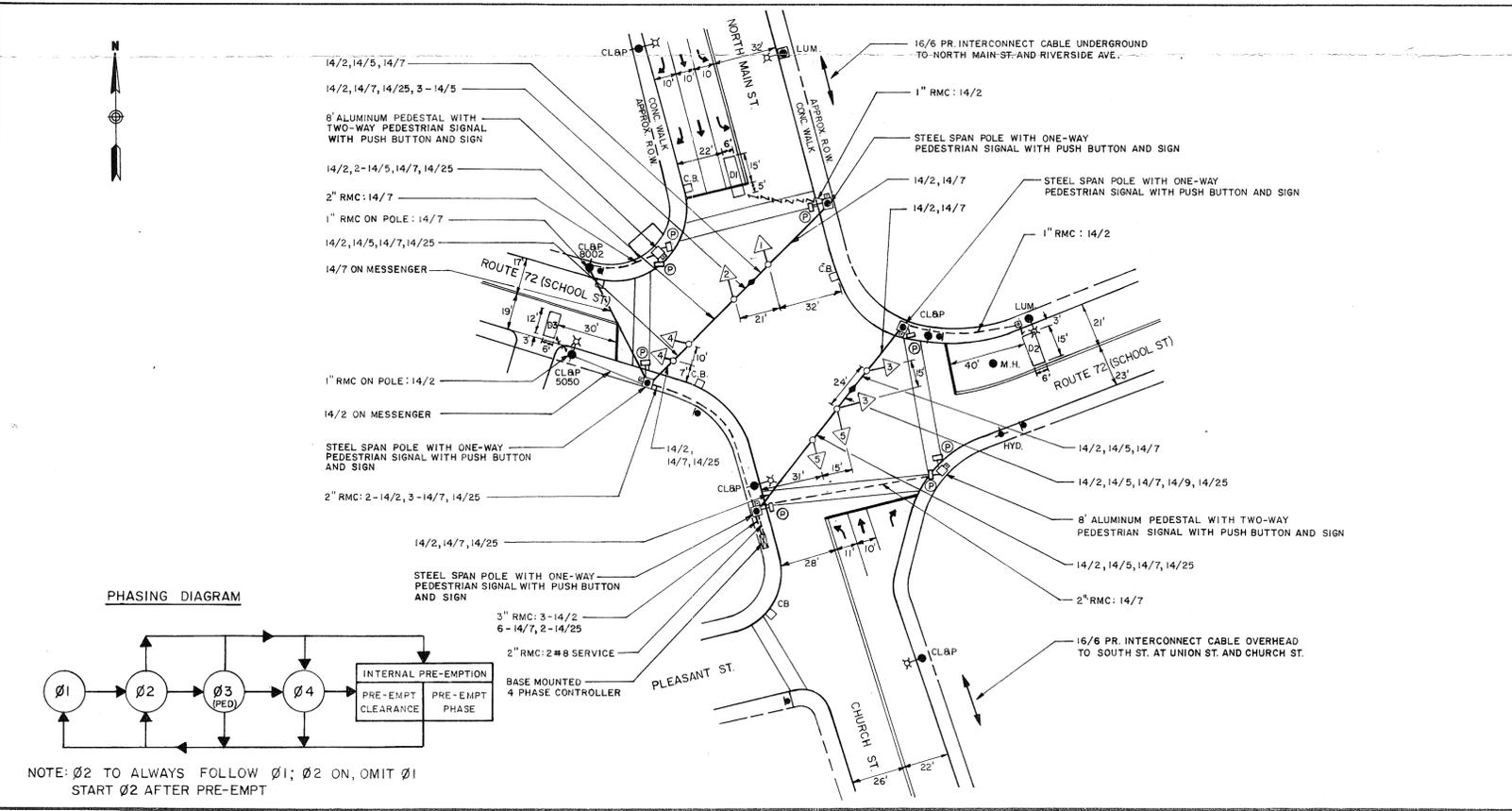
TOWN SIGNAL

STATE OF CONNECTICUT DEPT. OF TRANSPORTATION BUREAU OF HIGHWAYS DIV. OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL

CITY OF BRISTOL ROUTE 72 (SCHOOL ST.) AT CHURCH ST. & NORTH MAIN ST.

FIELD SURVEY	ENGINEER	DRAFTER	CHECKED BY	SUBMITTED BY	APPROVED BY	DATE
VANASSE HANGEN	BRUSTLIN, INC.	BRUSTLIN, INC.				



REV. # INTERSECTION # 017-243

NOTE: PAVEMENT MARKINGS AND SIGNING TO BE INSTALLED AND MAINTAINED BY THE CITY OF BRISTOL AND/OR CONDOT IN ACCORDANCE WITH CURRENT STANDARDS.

TOWN SIGNAL

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAYS DIV. OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL LAYOUT

CITY OF BRISTOL ROUTE 72 (SCHOOL ST.) AT CHURCH ST. & NORTH MAIN ST.

SCALE: 1" = 40'

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TOWN SIGNAL

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAYS DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL

REV. # INTERSECTION # 017-243