

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			

**CONSTRUCTION NOTES**

- 1) CONTRACTOR TO INSTALL BASE-MOUNTED, EIGHT PHASE CONTROLLER (CLOSED LOOP) ON NEW FOUNDATION IN SOUTHWEST CORNER.
- 2) CONTRACTOR TO INSTALL TWO (2) STEEL SPAN POLES ON NEW FOUNDATIONS IN NORTHEAST AND SOUTHWEST CORNERS.
- 3) CONTRACTOR TO INSTALL FOUR (4) EIGHT-FOOT ALUMINUM PEDESTALS ON EXISTING FOUNDATIONS.
- 4) CONTRACTOR TO INSTALL EIGHT (8) NEW VEHICLE SIGNAL HEADS, SPAN WIRE AND TRAFFIC CONTROL CABLE.
- 5) CONTRACTOR TO INSTALL FOUR (4) TWO-WAY, PEDESTAL-MOUNTED PEDESTRIAN SIGNALS WITH PUSHBUTTONS AND SIGNS.
- 6) CONTRACTOR TO INSTALL EIGHT (8) WIRE-LOOP VEHICLE DETECTORS WITH LEAD-IN. EXISTING MAGNETIC DETECTORS (IN MAIN ST) TO BE ABANDONED, IN PLACE.
- 7) CONTRACTOR TO INSTALL TWO (2) HANDHOLES.
- 8) ALL EXISTING PAVEMENT MARKINGS AND SIGNING TO BE RETAINED UNLESS OTHERWISE NOTED.
- 9) ELECTRICAL SERVICE TO CONTROLLER TO BE COORDINATED WITH CL&P.
- 10) ALL TRAFFIC SIGNAL EQUIPMENT REMOVED DURING CONSTRUCTION TO BE DELIVERED TO THE CITY OF BRISTOL UNLESS OTHERWISE DIRECTED.

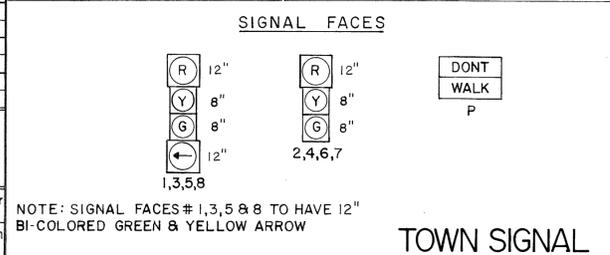
NTOR	MOVEMENT DIAGRAM																								FLASHTING		
	PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8					
	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
1	R	R	R	R	R	R	R	R	R				R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R
2	R	R	R	R	R	R	R	R	R				R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R
3	R	R	R	G	Y	R	R	R	R				R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
4	R	R	R	G	Y	R	R	R	R				R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
5	R	R	R	R	R	R	R	R	R				R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
6	R	R	R	R	R	R	R	R	R				R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
7	R	R	R	R	R	R	R	R	R				R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
8	R	R	R	R	R	R	R	R	R				R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
P	DW	DW	DW	DW	DW	DW	WØ	DW	DW				DW	DW	DW	DW	DW	DW									
MIN	5	3	0	10	3	0	15	0	—				5	3	0	10	3	0	5	3	0	15	3	0	15	3	0
MAX	20	5	2	50	5	2	30	2	—				20	5	2	50	5	2	35	5	2	50	5	2	50	5	2

INTERVALS	MOVEMENT DIAGRAM																								M A I N T		
	PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8					
MIN GRN	5			20									5			20			5			15			5		
WALK	—			—			—			—			—			—			—			—			—		
PED CLR	—			—			—			—			—			—			—			—			—		
VEH EXT	3			—			—			—			3			—			—			3			—		
MAX 1	10			—			—			—			10			—			—			10			—		
MAX 2	15			—			—			—			15			—			—			15			—		
YELLOW		3			3			0.1						3			3			3			3			3	
RED			1			2			0			1			2			1			2			2			2
ADD INT																											
T BR																											
T TR																											
MIN GAP																											
MODE	LOCK			MAX. RECALL THIS PHASE			LOCK			LOCK			MAX. RECALL THIS PHASE			NON-LOCK			LOCK								
INI START																											

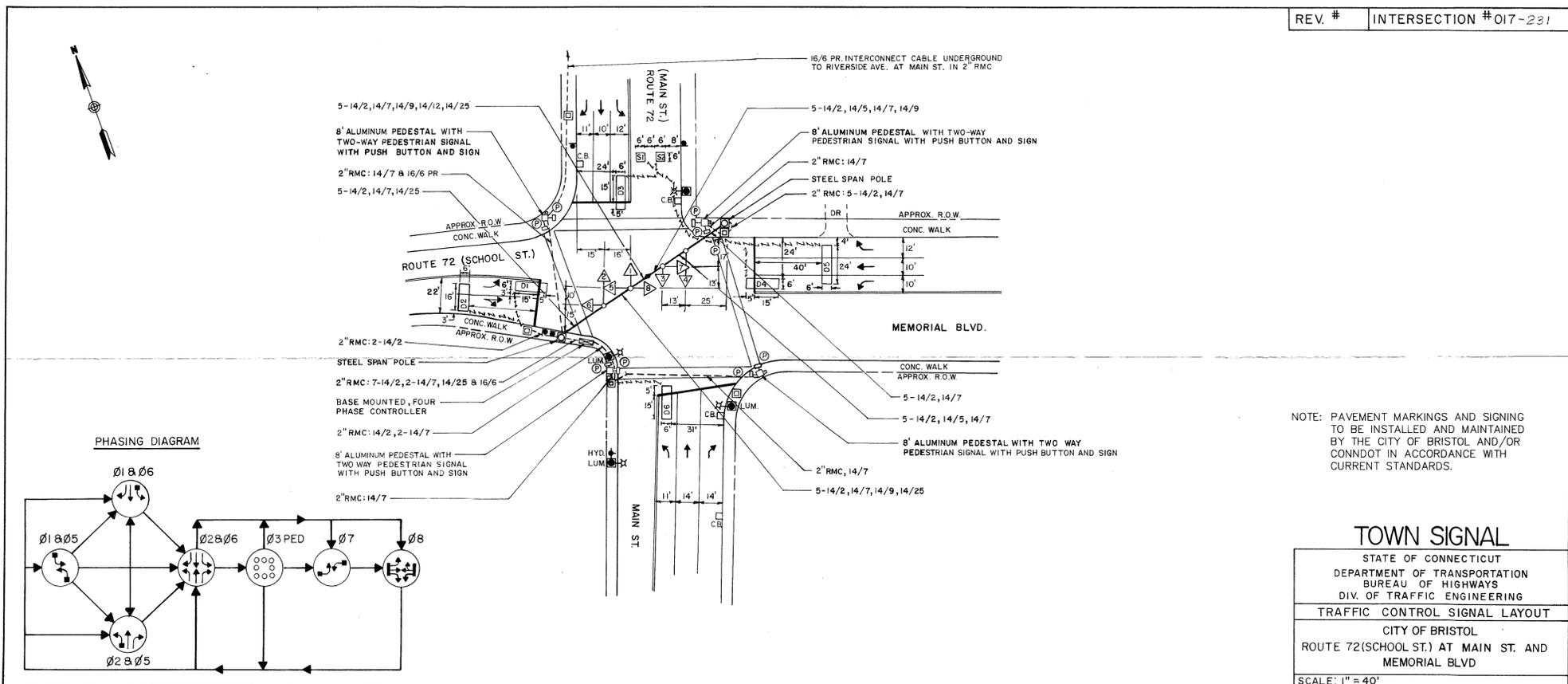
DETECTORS				PROGRAM				COORDINATION				SYSTEM LOC				TECHNICAL NOTES			
IDENT	SIZE	TURNS	MODE	FUNCTION	TIME	DAYS		SAFETY CRT	OFFSET	YIELD PT	PERMIS	FORCE	OFF	%	MASTER	STANDARD OVERLAP SKIP FEATURES APPLY			
D1	6x20	3	PRESENCE	FLASH	—	—									TO BE DETERMINED	CONTROLLER TO BE EQUIPPED WITH ALL NECESSARY INTERNAL COMMUNICATION COMPONENTS FOR INCLUSION INTO A CITY MASTER TRAFFIC CLOSED LOOP SYSTEM			
D2	6x16	3	PRESENCE	MAX 1	ALL TIMES	DAILY										① FACE 1 ARROWS CONTROLLED BY PHASE 1			
D3	6x20	3	PRESENCE	MAX 2	FUTURE	—										② FACE 1 G,Y,R CONTROLLED BY PHASE 6			
D4	6x20	3	PRESENCE													③ FACE 3 ARROWS CONTROLLED BY PHASE 5			
D5	6x24	3	PRESENCE													④ FACE 3 G,Y,R CONTROLLED BY PHASE 2			
D6	6x20	3	PRESENCE													⑤ FACE 5 & 8 ARROWS CONTROLLED BY PHASE 7			
S1	6x6	3	SYSTEM													⑥ FACE 5 & 8 G,Y,R CONTROLLED BY PHASE 8			
S2	6x6	3	SYSTEM													⑦ PHASE 2 & 6 ON TO OMIT PHASE 1 & 5			

NOTE: EXISTING MAGNETIC DETECTORS IN MAIN STREET TO BE ABANDONED IN-PLACE.

ENERGY BY - CITY	INTERSECTION #017-231
SERVICE POLE -	NORMAL 1.147 kW 730 hr/mo 837 kWh/mo
OFFICE RECORD	FLASH kW hr/mo kWh/mo
JOB # 017-231-01 SM #	
SIGNAL REVISED	
NEW BASE-MOUNTED CONTROLLER	
(CLOSED LOOP) STEEL SPAN POLES	
ALUMINUM PEDESTALS, VEHICLE AND	
PEDESTRIAN SIGNALS, SPAN WIRE,	
TRAFFIC CONTROL CABLE, PUSH	
BUTTONS AND SIGNS, VEHICLE	
DETECTORS, AND HANDHOLES	



LEGEND		TOWN SIGNAL																				
R RED	CONTROLLER	<p>STATE OF CONNECTICUT DEPT. OF TRANSPORTATION BUREAU OF HIGHWAYS DIV. OF TRAFFIC ENGINEERING TRAFFIC CONTROL SIGNAL</p> <p>CITY OF BRISTOL ROUTE 72 (SCHOOL ST.) AT MAIN ST. AND MEMORIAL BLVD.</p> <table border="1"> <tr> <th>TRAFFIC</th> <th>ELECTRICAL</th> </tr> <tr> <td>DATE</td> <td>DATE</td> </tr> <tr> <td>FIELD SURVEY</td> <td>VANASSE HANGEN</td> </tr> <tr> <td>ENGINEER</td> <td>BRUSTLIN, INC.</td> </tr> <tr> <td>DRAFTER</td> <td>BRUSTLIN, INC.</td> </tr> <tr> <td>CHECKED BY</td> <td></td> </tr> <tr> <td>SUBMITTED BY</td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td></td> </tr> <tr> <td>DATE</td> <td>JUN 11 1991</td> </tr> <tr> <td>DATE</td> <td>JUN 11 1991</td> </tr> </table>	TRAFFIC	ELECTRICAL	DATE	DATE	FIELD SURVEY	VANASSE HANGEN	ENGINEER	BRUSTLIN, INC.	DRAFTER	BRUSTLIN, INC.	CHECKED BY		SUBMITTED BY		APPROVED BY		DATE	JUN 11 1991	DATE	JUN 11 1991
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Y YELLOW	HANDHOLE																					
G GREEN	(RMC) RIGID METAL CONDUIT																					
← RED ARROW	STRAIN INSULATOR																					
← YELLOW ARROW	MAGNETOMETER PROBES																					
← GREEN ARROW	CABLE CLOSURE																					
WB WALK/FL DW	DET. LEADS IN SAW CUT																					
DW DON'T WALK	AUXILIARY TERMINATION CABINET																					
FL FLASHING	RADIO ANTENNA																					
○ 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																						



REV. # INTERSECTION #017-231

NOTE: PAVEMENT MARKINGS AND SIGNING TO BE INSTALLED AND MAINTAINED BY THE CITY OF BRISTOL AND/OR CONNDOT 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 MAIN ST. AND MEMORIAL BLVD

SCALE: 1" = 40'



7  
TOWN SIGNAL

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

TRAFFIC CONTROL SIGNAL

REV. # INTERSECTION #017-231