

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			

NONE	MOVEMENT DIAGRAM																								OPERATION					
	PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8								
NTOR	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			
FACE #	1	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
	2	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	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	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	R	R	R		
	5	R	R	R	G	Y	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	G	Y	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	G	Y	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																		
MIN.	5	3	0	10	3	0	15	0	-	5	3	0	5	3	0	10	3	0	10	3	0	10	3	0	10	3	0	10	3	0
MAX.	20	5	2	50	5	2	25	2	-	20	5	2	20	5	2	50	5	2	50	5	2	50	5	2	50	5	2	50	5	2

ENERGY BY - CITY	INTERSECTION # 017-257
SERVICE POLE --	NORMAL 1.147 kW 730 hr/mo 837 kWh/mo
OFFICE RECORD	FLASH kW hr/mo kWh/mo
JOB #	SM #
SIGNAL REVISED	
- NEW EIGHT PHASE, BASE MOUNTED CONTROLLER, TRAFFIC SIGNAL HEADS, TRAFFIC CONTROL CABLE, PEDESTRIAN SIGNAL HEADS, PUSH BUTTONS, SIGNS AND VEHICLE DETECTORS.	

SIGNAL FACES

TOWN SIGNAL

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

TRAFFIC CONTROL SIGNAL

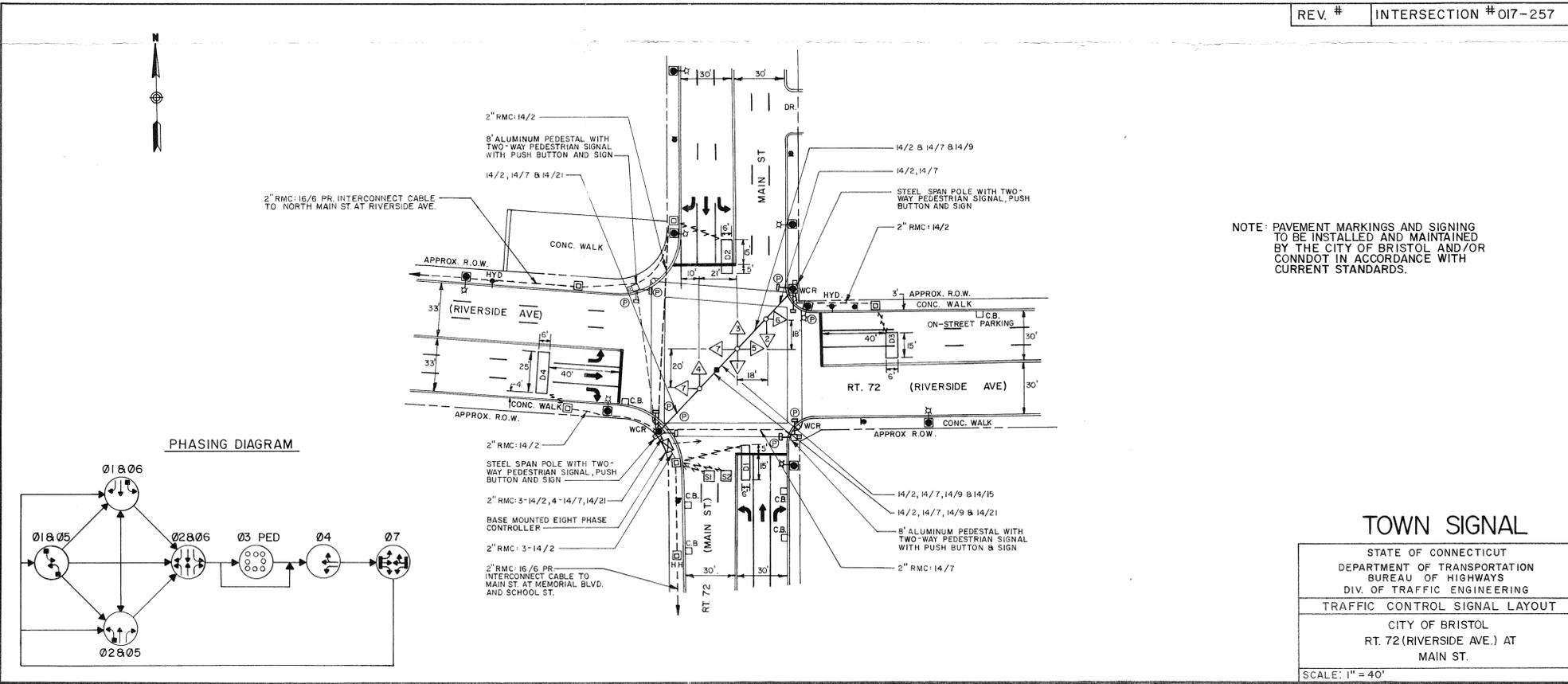
CITY OF BRISTOL
RT. 72 (RIVERSIDE AVE.) AT
MAIN ST.

LEGEND

- R RED
- Y YELLOW
- G GREEN
- ← RED ARROW
- ← YELLOW ARROW
- ← GREEN ARROW
- WØ 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 HANDHOLE
- (RMC) RIGID METAL CONDUIT
- ← STRAIN INSULATOR
- MAGNETOMETER PROBES
- CABLE CLOSURE
- ← GET LEADS IN SAW CUT
- AUXILIARY TERMINATION CABINET
- RADIO ANTENNA

- CONSTRUCTION NOTES**
- RETAIN EXISTING SPAN POLES.
 - CONTRACTOR TO INSTALL NEW BASE MOUNTED EIGHT PHASE CONTROLLER ON NEW FOUNDATION ON SOUTHWEST CORNER.
 - CONTRACTOR TO INSTALL TWO(2) 8' ALUMINUM PEDESTALS ON NORTHWEST AND SOUTHEAST CORNERS ON EXISTING FOUNDATIONS.
 - CONTRACTOR TO INSTALL EIGHT(8) NEW VEHICLE TRAFFIC SIGNAL HEADS AND TRAFFIC CONTROL CABLE.
 - CONTRACTOR TO INSTALL TWO(2) TWO-WAY PEDESTAL MOUNTED PEDESTRIAN SIGNALS AND TWO(2) TWO-WAY POLE MOUNTED PEDESTRIAN SIGNALS WITH PUSH BUTTONS AND SIGNS.
 - CONTRACTOR TO INSTALL SIX(6) WIRE LOOP VEHICLE DETECTORS (D1, D2, D3, D4 AND S1, S2) WITH LEAD-INS.
 - ELECTRICAL SERVICE TO CONTROLLER TO BE COORDINATED WITH CL&P
 - EXISTING PAVEMENT MARKINGS AND SIGNING TO BE RETAINED UNLESS OTHERWISE NOTED.
 - ALL EXISTING TRAFFIC CONTROL EQUIPMENT REMOVED DURING CONSTRUCTION. SHALL BE DELIVERED TO THE CITY OF BRISTOL UNLESS DIRECTED OTHERWISE.

DETECTORS				PROGRAM				COORDINATION				TECHNICAL NOTES					
IDENT	SIZE	TURNS	MODE	FUNCTION	TIME	DAYS		CYCLE SAFETY CRT	OFFSET %	YIELD PT %	PERMISS PERIOD	FORCE OFF %	MASTER	STANDARD OVERLAP SKIP FEATURES APPLY			
D1	6'x20'	3	PRESENCE	FLASH	-	-								CONTROLLER TO BE EQUIPPED WITH ALL NECESSARY INTERNAL COMMUNICATION COMPONENTS FOR INCLUSION INTO CITY MASTER TRAFFIC CLOSED LOOP SYSTEM.			
D2	6'x20'	3	PRESENCE	MAX 1	ALL TIMES	DAILY								PHASE 4 TO PRECEED PHASE 7			
D3	6'x15'	3	PRESENCE	MAX 2	FUTURE									1) FACE 3 ARROWS CONTROLLED BY PHASE 1			
D4	6'x25'	3	PRESENCE											2) FACE 3 G,Y,R CONTROLLED BY PHASE 6			
S1	6'x6'	3	SYSTEM											3) FACE 1 ARROWS CONTROLLED BY PHASE 5			
S2	6'x6'	3	SYSTEM											4) FACE 1 G,Y,R CONTROLLED BY PHASE 2			



REV. # INTERSECTION #017-257

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TOWN SIGNAL

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

TRAFFIC CONTROL SIGNAL