

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

- EXISTING STEEL SPAN POLES TO BE RETAINED.
- EXISTING PAVEMENT MARKINGS AND SIGNING TO BE RETAINED UNLESS OTHERWISE NOTED.
- CONTRACTOR TO INSTALL NEW 4 PHASE CONTROLLER ON EXISTING FOUNDATION.
- CONTRACTOR TO INSTALL TWO (2) NEW 8' ALUMINUM PEDESTALS ON NORTHEAST AND SOUTHWEST CORNERS ON EXISTING FOUNDATIONS.
- CONTRACTOR TO INSTALL FOUR (4) NEW TWO-WAY PEDESTRIAN SIGNALS - TWO POLE MOUNTED AND TWO PEDESTAL MOUNTED WITH PUSH BUTTONS AND SIGNS.
- CONTRACTOR TO INSTALL NEW VEHICLE TRAFFIC SIGNALS, SPAN WIRE AND TRAFFIC CONTROL CABLE.
- CONTRACTOR TO INSTALL SIX (6) NEW WIRE LOOP DETECTORS WITH LEAD-INS.
- ELECTRICAL SERVICE TO CONTROLLER, TO BE COORDINATED WITH CL&P.
- ALL TRAFFIC CONTROL EQUIPMENT REMOVED DURING CONSTRUCTION SHALL BE DELIVERED TO THE CITY OF BRISTOL UNLESS DIRECTED OTHERWISE.

NTOR	MOVEMENT DIAGRAM								PRE-EMPT	FLASHER	ENERGY BY-CITY	INTERSECTION # 017-						
	PHASE 1		PHASE 2		PHASE 3		PHASE 4						PHASE 5		PHASE 6		PHASE 7	
1	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
2	R/Y	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R
3	R/Y	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R
4	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
6	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	DW	DW	DW
MIN	5	3	0	10	3	0	15	-	0	10	3	0						
MAX	20	5	2	50	5	2	25	-	2	35	5	2						

MIN GRN	4						1											
WALK	-						7											
PED CLR	-						13											
VEH EXT	4						-											
MAX 1	10			25			21											
MAX 2	15			35			21											
YELLOW		3			3			0										
RED								0.1										
ADD INI																		
MAX INT																		
TBR																		
TTR																		
MIN GAP																		
MODE		LOCK		RECALL			LOCK			LOCK								
INI START				THIS PHASE														

OFFICE RECORD

JOB # _____ SM # _____

SIGNAL REVISIONS

- NEW CONTROLLER, SIGNAL HEADS.
- TRAFFIC CONTROL CABLE, ALUMINUM PEDESTALS, PEDESTRIAN SIGNALS.
- PUSH BUTTONS, SIGNS AND DETECTORS

SIGNAL FACES

SIGNAL FACES 183 TO HAVE 12" BI-COLORED YELLOW / GREEN ARROW

LEGEND

- R RED
- Y YELLOW
- G GREEN
- ← RED ARROW
- ← YELLOW ARROW
- ← 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
- BD SYSTEM DETECTOR

CONTROLLER

HANDHOLE

(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
NORTH MAIN ST. AT
CENTER ST.

TRAFFIC	ELECTRICAL
DATE	DATE

FIELD SURVEY ENGINEER: VANASSE HANGEN BRUSTLIN, INC.

DRAFTER: BRUSTLIN, INC.

CHECKED BY: _____

SUBMITTED BY: _____

APPROVED BY: _____

DATE: _____

DETECTORS

IDENT	SIZE	TURNS	MODE	FUNCTION	TIME	DAYS	CYCLE SAFETY CRT	OFFSET %	YIELD PT %	PERMISS PERIOD	FORCE OFF %
D1	6x20	3	PRESENCE	FLASH							
D2	6x20	3	PRESENCE	MAX 1	ALL TIMES	DAILY					
D3	6x10	3	PRESENCE	MAX 2							
D4	6x14	3	PRESENCE								
S1	6x6	3	SYSTEM								
S2	6x6	3	SYSTEM								

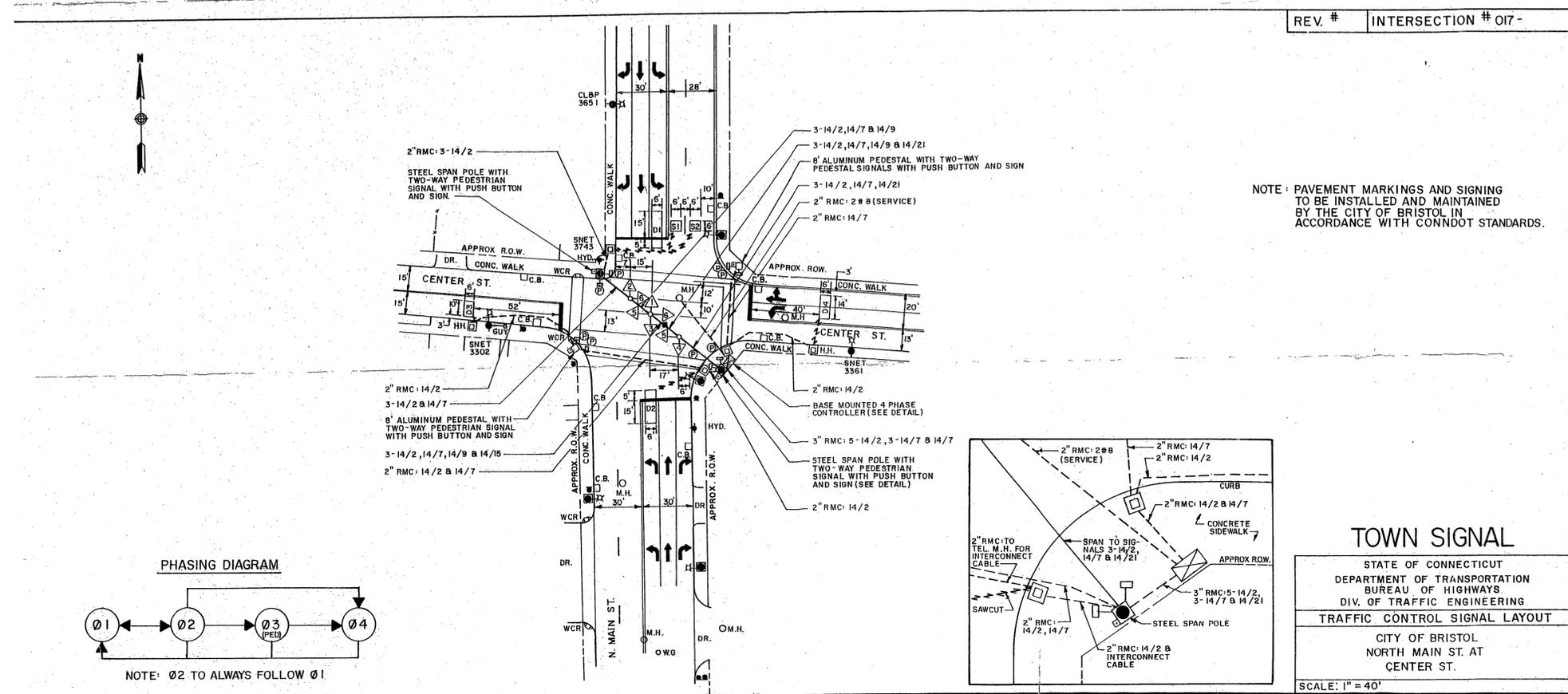
COORDINATION

SYSTEM LOC MASTER

TECHNICAL NOTES

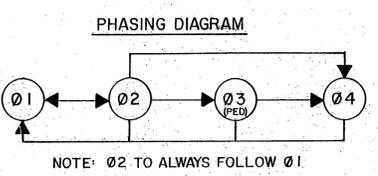
STANDARD OVERLAP SKIP FEATURES APPLY

CONTROLLER TO BE EQUIPPED WITH ALL NECESSARY INTERNAL COMMUNICATION COMPONENTS FOR INCLUSION INTO CITY MASTER TRAFFIC CLOSED LOOP SYSTEM.



REV. # INTERSECTION # 017-

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



TOWN SIGNAL

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS
DIV. OF TRAFFIC ENGINEERING
TRAFFIC CONTROL SIGNAL LAYOUT

CITY OF BRISTOL
NORTH MAIN ST. AT
CENTER ST.

SCALE: 1" = 40'

to city

APPROVED PLAN



TOWN SIGNAL

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

TRAFFIC CONTROL SIGNAL

REV. # INTERSECTION #