

BRIDGE NUMBER	BRIDGE DATA										SCOPE OF WORK											
	SUBSTRUCTURE ELEMENTS			SPAN NUMBER	PROPOSED LENGTH @ CL CONSTRUCTION	EXISTING STEEL BEAMS		EXISTING UNDERGROUND UTILITIES	PROPOSED DECK TREATMENT	PROPOSED JOINT	PROPOSED STEEL STRINGERS		PROPOSED BEARING TREATMENT	PROPOSED SUBSTRUCTURE TREATMENT	PROPOSED MIN. VERT. CLEARANCE OVER ROADWAY							
	PROPOSED	ORIGINAL	APPROX. SKEW			TO BE REMOVED	TO REMAIN				APPROXIMATE WEIGHT (T)	TREATMENT				APPROX. WT.						
5IN	ABUTMENT 1	ABUTMENT 2	0°	1	38.15'	30WF108 (INTERIOR) 36WF150 (FASCIA)	274.8 TONS		DO.	FIXED TYPE C	NEW 30" WF ROLLED BEAMS AASHTO M270 GR 50W (SPAN 1)	182.1 TONS	NEW ELASTOMERIC FIXED	SEE NOTE 3	14'-9"							
	PIER 1	PIER B	0°	2	88.95'	36WF300 W/ COVER PL.							NEW ELAST. EXP./NEW ELAST. EXP.	NPC / LCR / FWPC								
	PIER 2	PIER D	0°	3	84.35'	36WF300 W/ COVER PL. 36WF300 W/ COVER PL. 36WF194 W/ COVER PL.							NEW ELASTOMERIC FIXED	REPLACE PIER								
	PIER 3	PIER G	45° AHEAD LT.	4	98.71'	36WF300 W/ COVER PL'S.							NEW ELASTOMERIC EXP.	NPC LCR / FWPC (SEE NOTE 5)								
	PIER 4	PIER J	45° AHEAD LT.	5	53.09'	33WF130 W/ COVER PL. (INTERIOR) 36WF150 (FASCIA)							NEW ELASTOMERIC EXP.									
	ABUTMENT 2	ABUTMENT 4	45° AHEAD LT.										NEW ELASTOMERIC EXP.	SEE NOTE 2								
	ABUTMENT 1	ABUTMENT 1	0°	1	38.37'	30WF108 (INTERIOR) 36WF150 (FASCIA)							339.9 TONS			DO.	FIXED TYPE C	NEW 30" WF ROLLED BEAMS AASHTO M270 GR 50W (SPAN 1)	219.3 TONS	NEW ELASTOMERIC FIXED	SEE NOTE 3	16'-4"
	PIER 1	PIER A	0°	2	88.89'	36WF300 W/ COVER PL.														NEW ELAST. EXP./NEW ELAST. EXP.	NPC / LCR / FWPC	
	PIER 2	PIER C	0°	3	87.46'	36WF300 W/ COVER PL.														NEW ELASTOMERIC EXP.	REPLACE PIER	
	PIER 3	PIER E	0°	4	83.82'	36WF300 W/ COVER PL. 36WF300 W/ COVER PL. 36WF194 W/ COVER PL.														NEW ELASTOMERIC FIXED	NPC LCR / FWPC (SEE NOTE 5)	
PIER 4	PIER F	45° AHEAD LT.	5	98.18'	36WF300 W/ COVER PL'S.	NEW ELASTOMERIC EXP.																
PIER 5	PIER H	45° AHEAD LT.	6	52.86'	33WF130 W/ COVER PL. (INTERIOR) 36WF150 (FASCIA)	NEW ELASTOMERIC EXP.																
ABUTMENT 2	ABUTMENT 3	45° AHEAD LT.				NEW ELASTOMERIC EXP.	SEE NOTE 2															

SEQUENCE OF OPERATIONS:

PHASE I (FIRST CONSTRUCTION SEASON):

1. CONSTRUCT NORTHBOUND CROSSOVERS AS SHOWN IN TRAFFIC CONTROL PLANS.
2. SHIFT I-89 NORTHBOUND TRAFFIC TO I-89 SOUTHBOUND SIDE.
3. REHABILITATE BRIDGES 5IN.
4. SHIFT I-89 NORTHBOUND TRAFFIC BACK TO I-89 NORTHBOUND SIDE.

PHASE II (SECOND CONSTRUCTION SEASON):

1. CONSTRUCT SOUTHBOUND CROSSOVERS AS SHOWN IN TRAFFIC CONTROL PLANS.
2. SHIFT I-89 SOUTHBOUND TRAFFIC TO I-89 NORTHBOUND SIDE.
3. REHABILITATE BRIDGES 5IS.
4. SHIFT I-89 SOUTHBOUND TRAFFIC BACK TO I-89 SOUTHBOUND SIDE.

NOTES:

1. EXISTING STEEL WEIGHTS ARE APPROXIMATE, USING RATIO OF BRIDGE LENGTH TIMES THE TOTAL RECORD WEIGHT FOR EACH BRIDGE PAIR.
2. EXPANSION ABUTMENT TREATMENT INCLUDES: LOCALIZED CONCRETE REPAIR, REMOVE AND REPLACE WINGWALLS ABOVE BRIDGE SEAT ELEVATION, REMOVE BRIDGE SEAT AND REPLACE TO NEW SEAT ELEVATIONS, REMOVE CURTAINWALL, AND PLACE NEW BACKWALL.
3. FIXED ABUTMENT TREATMENT (EXCEPT BR 49N&S) INCLUDES: LOCALIZED CONCRETE REPAIR, REMOVE AND REPLACE WINGWALLS ABOVE BRIDGE SEAT ELEVATION, REMOVE BRIDGE SEAT AND REPLACE TO NEW SEAT ELEVATIONS, REMOVE CURTAINWALL AND REPLACE WITH NEW CURTAINWALL.
4. FIXED ABUTMENT TREATMENT (BR 49N&S) INCLUDES: LOCALIZED CONCRETE REPAIR, REMOVE AND REPLACE WINGWALLS ABOVE BRIDGE SEAT ELEVATION, REMOVE CURTAINWALL AND REPLACE WITH NEW CURTAINWALL.
5. AT BR 5IN&S, FIBER WRAPPING OF THE PIER COLUMNS TO BE APPLIED TO CERTAIN COLUMNS ONLY, AS SHOWN ON SUBSTRUCTURE REPAIR DETAILS AND NOTES, BRIDGE SHEET C-45.

PIER CODES

LCR LOCALIZED CONCRETE REPAIR
 NPC NEW PIER CAP
 FWPC FIBER WRAP PIER COLUMNS

BEARING CODES

JCPG JACK, CLEAN, PAINT, GREASE EXISTING BEARINGS
 RIK REPLACE EXISTING BEARINGS IN KIND

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of **BOLTON** Bridge No. _____
 Highway No. **I-89** Log Sta. _____
 Surv. Sta. _____

BRIDGE INFORMATION SUMMARY

Designed By **P.W. SZUSTAK** Drawn By **P.A. MEREWETHER**
 Checked By **J.P. HALSTEAD** Date **10/99** Bridge Design Supervisor **J.P. HALSTEAD** Date **10/99**
 PROJECT **BOLTON** PROJECT NO. **IM-089-2(29)**
 TVGA CAD Drawing No. **brgsum** Date **10/99**
 Bridge Sheet No. **C-9** Sheet **9** of **307**