

**INDEX OF SHEETS**

SHEET	BRIDGE SHEET	COMMON SHEETS
1	C-1	TITLE SHEET
2	C-2	INDEX OF SHEETS
3	C-3	QUANTITY SHEET #1
4	C-4	QUANTITY SHEET #2
5	C-5	QUANTITY SHEET #3
6		SHEET NOT USED
7	C-7	GENERAL NOTES (1 OF 2)
8	C-8	GENERAL NOTES (2 OF 2)
9	C-9	BRIDGE INFORMATION SUMMARY
10-12		SHEETS NOT USED
13	C-13	CONTROL POINT TIES (5IN&S)
14	C-14	TRANSVERSE SECTIONS FOR TRAFFIC CONTROL
15	C-15	TYPICAL END OF DECK SLAB DETAILS
16	C-16	TYPICAL ROLLED BEAM DETAILS
17	C-17	TYPICAL PLATE GIRDER DETAILS (1 OF 2)
18	C-18	TYPICAL PLATE GIRDER DETAILS (2 OF 2)
19		SHEET NOT USED
20	C-20	TYPICAL GIRDER SPLICE DETAILS
21	C-21	FIXED BEARING DETAILS
22	C-22	BEARING NOTES & FIXED BRG. TABLES
23	C-23	EXPANSION BEARING DETAILS
24	C-24	EXPANSION BEARING TABLES
25	C-25	SOLE & MASONRY PLATE DETAILS
26		SHEET NOT USED
27	C-27	TYPICAL TYPE "H" ABUTMENT JOINT PLAN
28	C-28	TYPE "H" ABUTMENT JOINT DETAILS (1 OF 3)
29	C-29	TYPE "H" ABUTMENT JOINT DETAILS (2 OF 3)
30	C-30	TYPE "H" ABUTMENT JOINT DETAILS (3 OF 3)
31	C-31	TYPICAL TYPE "H" PIER JOINT PLAN
32	C-32	TYPE "H" PIER JOINT DETAILS (1 OF 3)
33	C-33	TYPE "H" PIER JOINT DETAILS (2 OF 3)
34	C-34	TYPE "H" PIER JOINT DETAILS (3 OF 3)
35		EXPANSION JOINT - ASPHALT PLUG
36-38		SHEETS NOT USED
39	C-39	TYPICAL SCUPPER DETAILS
40	C-40	TYPICAL EXPANSION ABUTMENT REINFORCEMENT
41	C-41	TYPICAL FIXED ABUTMENT REINFORCEMENT
42	C-42	TYPICAL CURTAINWALL DETAILS
43	C-43	TYPICAL WINGWALL DETAILS (1 OF 2)
44	C-44	TYPICAL WINGWALL DETAILS (2 OF 2)
45	C-45	SUBSTRUCTURE REPAIR DETAILS AND NOTES
46	C-46	TYPICAL BRIDGE DETAILS
47		BRIDGE RAILING~NETC 2 RAIL
48		BRIDGE RAILING~NETC 2 RAIL~THRIE BEAM APPROACH RAIL
49		BRIDGE RAILING~NETC 2 RAIL~THRIE BEAM APPROACH RAIL
50		SNOW FENCE FOR BRIDGE RAILING~N.E.T.C. 2 RAIL
51		MILLED RUMBLE STRIPS DETAIL
52-69		SHEETS NOT USED
70		EROSION PREVENTION & SEDIMENT CONTROL NARRATIVE
71		EXISTING CONDITIONS/FINAL CONDITIONS SITE PLAN SHEET 1
72		EXISTING CONDITIONS/FINAL CONDITIONS SITE PLAN SHEET 2
73		NORTHBOUND CLOSURE EROSION PREVENTION & SEDIMENT CONTROL SHEET 1
74		NORHTBOUND CLOSURE EROSION PREVENTION & SEDIMENT CONTROL SHEET 2
75		SOUTHBOUND CLOSURE EROSION PREVENTION & SEDIMENT CONTROL SHEET 1
76		SOUTHBOUND CLOSURE EROSION PREVENTION & SEDIMENT CONTROL SHEET 2
77-98		SHEETS NOT USED

SHEET	BRIDGE SHEET	BRIDGE 5IN&S SHEETS
99	BR5I-1	GENERAL PLAN (5IN&S) (1 OF 2)
100	BR5I-2	GENERAL PLAN (5IN&S) (2 OF 2)
101	BR5I-3	BORING LOG (5IN)
102	BR5I-4	BORING LOG (5IS)
103	BR5I-5	PROFILE (5IN)
104	BR5I-6	PROFILE (5IS)
105	BR5I-7	TRANSVERSE SECTION (5IN&S)
106	BR5I-8	DECK REINFORCEMENT PLAN (5IN)
107	BR5I-9	DECK REINFORCEMENT PLAN (5IS)
108	BR5I-10	APPROACH SLAB DETAILS (5IN&S)
109	BR5I-11	CURB AND RAIL LAYOUT PLANS (5IN&S)
110	BR5I-12	FRAMING PLAN (5IN) (1 OF 2)
111	BR5I-13	FRAMING PLAN (5IN) (2 OF 2)
112	BR5I-14	STRINGER ELEVATION (5IN) (1 OF 2)
113	BR5I-15	STRINGER ELEVATION (5IN) (2 OF 2)
114	BR5I-16	FRAMING PLAN (5IS) (1 OF 2)
115	BR5I-17	FRAMING PLAN (5IS) (2 OF 2)
116	BR5I-18	STRINGER ELEVATION (5IS) (1 OF 2)
117	BR5I-19	STRINGER ELEVATION (5IS) (2 OF 2)
118	BR5I-20	ABUTMENT MASONRY (5IN)
119	BR5I-21	ABUTMENT MASONRY (5IS)
120	BR5I-22	PIER CAP MASONRY AND REINF. (RADIAL) (5IN&S)
121	BR5I-23	PIER CAP MASONRY AND REINF. (SKEWED) (5IN&S)
122	BR5I-24	PIER 2 MASONRY (5IN)
123	BR5I-25	PIER 2 REINFORCEMENT (5IN)
124	BR5I-26	PIER 3 MASONRY (5IS)
125	BR5I-27	PIER 3 REINFORCEMENT (5IS)
126	BR5I-28	REINFORCING STEEL SCHEDULE (5IN)
127	BR5I-29	REINFORCING STEEL SCHEDULE (5IS)
128-150		SHEETS NOT USED
		<b>SUBSTRUCTURE CONDITION SHEETS</b>
151	SC-17	EXIST. SUBSTR. CONDITION (5IN) (1 OF 3)
152	SC-18	EXIST. SUBSTR. CONDITION (5IN) (2 OF 3)
153	SC-19	EXIST. SUBSTR. CONDITION (5IN) (3 OF 3)
154	SC-20	EXIST. SUBSTR. CONDITION (5IS) (1 OF 4)
155	SC-21	EXIST. SUBSTR. CONDITION (5IS) (2 OF 4)
156	SC-22	EXIST. SUBSTR. CONDITION (5IS) (3 OF 4)
157	SC-23	EXIST. SUBSTR. CONDITION (5IS) (4 OF 4)
158-159		SHEETS NOT USED

SHEET	BRIDGE SHEET	TRAFFIC CONTROL SHEETS
160	TC-1A	TRAFFIC CONTROL NOTES
161	TC-1B	TRAFFIC CONTROL NOTES
162-181		SHEETS NOT USED
182	TC-22	PHASE II SOUTHBOUND CROSSOVER BRIDGE 5I
183	TC-23	PHASE II SOUTHBOUND CROSSOVER BRIDGE 5I
184	TC-24	PHASE II SOUTHBOUND CROSSOVER BRIDGE 5I
185	TC-25	PHASE II SOUTHBOUND CROSSOVER BRIDGE 5I
186	TC-26	PHASE II SOUTHBOUND CROSSOVER BRIDGE 5I
187	TC-27	PHASE II SOUTHBOUND CROSSOVER BRIDGE 5I
188-207		SHEETS NOT USED
208	TC-48	PHASE I NORTHBOUND CROSSOVER BRIDGE 5I
209	TC-49	PHASE I NORTHBOUND CROSSOVER BRIDGE 5I
210	TC-50	PHASE I NORTHBOUND CROSSOVER BRIDGE 5I
211	TC-51	PHASE I NORTHBOUND CROSSOVER BRIDGE 5I
212	TC-52	PHASE I NORTHBOUND CROSSOVER BRIDGE 5I
213	TC-53	PHASE I NORTHBOUND CROSSOVER BRIDGE 5I
214-259		SHEETS NOT USED
260-277		<b>REFERENCE SHEETS</b>
278-307		BRIDGE 5IN&S REFERENCE SHEETS
		SHEETS NOT USED

SHEET	DATE	STANDARD SHEETS
B-17	02/23/95	
C-1	01/03/00	
E-100	01/02/04	
E-100A	01/02/04	
E-101	05/30/03	
E-102	06/30/03	
E-102A	08/08/95	
E-103	03/01/04	
E-104	02/03/99	
E-104A	12/27/96	
E-105	04/01/99	
E-106	03/01/04	
E-107	06/30/03	
E-107A	08/08/95	
E-108	08/18/95	
E-109	08/08/95	
E-119	03/01/04	
E-120	08/08/95	
E-154	08/08/95	
E-160	05/20/99	
E-162	05/20/99	
E-164	05/20/99	
E-198	04/14/97	
E-199	08/18/95	
G-1	01/03/00	
G-1d	01/03/00	
G-18	06/01/94	
G-19	11/15/02	

ALL REBAR IN ABUTMENTS 1 AND 2, ALONG WITH PIER AND PIER CAPS, ARE TO BE ITEM 507.15 - REINFORCING STEEL AND NOT ITEM 507.17 - EPOXY COATED REINFORCING STEEL.

WHEREVER ON THESE PLANS THE "OLD ITEM" LISTED BELOW APPEARS, THE "NEW ITEM" SHALL APPLY.

OLD ITEM	NEW ITEM
501.60 - SILICA-FUME CONCRETE	501.33 - HIGH PERFORMANCE CONCRETE CLASS A
501.25 - CONCRETE CLASS B	501.34 - HIGH PERFORMANCE CONCRETE CLASS B

ANY REFERENCE IN THE PLANS OR SPECIFICATIONS TO VAOT OR AOT SHALL BE UNDERSTOOD AS REFERRING TO VERMONT AGENCY OF TRANSPORTATION.

THESE PLANS WERE ORIGINALLY PART OF THE MIDDLESEX-BOLTON IM 089-2(26) PROJECT, WHICH INCLUDED BRIDGES 43N&S, 48N&S, 49N&S, 50N&S, AND 51N&S. THESE PLANS HAVE BEEN SEPARATED FROM THAT PROJECT TO FORM A NEW CONSTRUCTION CONTRACT FOR BRIDGES 5IN&S ONLY. ANY REFERENCE IN THESE PLANS OR IN THE SPECIFICATIONS TO BRIDGES 43N&S, 48N&S, 49N&S, OR 50N&S SHALL BE IGNORED.

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of	<b>BOLTON</b>	Bridge No.
Highway No.	<b>I-89</b>	Log Sta.
		Surv. Sta.

**INDEX OF SHEETS**

Designed By	P.W. SZUSTAK	Drawn By	R.A. BOTZENHART
Checked By	Date	Bridge Design Supervisor	Date
	J.P. HALSTEAD 10/99	J.P. HALSTEAD	Date 10/99
PROJECT	<b>BOLTON</b>	PROJECT NO.	<b>IM-089-2(29)</b>
TVGA CAD Drawing No.	Istosht	Date	08/00
Bridge Sheet No.	<b>C-2</b>	Sheet	2 of 307