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- 9-11 Roadway Sections
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- 16 Std Sht G-1a 5-23-74R
- 17 Std Sht SB-R6-76 11-18-76
- 18 Std Sht SCB-D1-75 4-23-75R
- 19 Std Sht SCB-DB-71 9-27-71

RECORD PLANS-MATERIALS

WINDSOR TH 3608  
 CONTRACTOR-BURRINGTON SURVEY & CONSTRUCTION CO. W.BURKE, VT.  
 CONTRACT DATED- 19 MAY 1976  
 CONSTRUCTION BEGAN- 24 MAY 1976  
 CONSTRUCTION COMPLETED- 9 SEPTEMBER 1976  
 RES. ENGR. WILLIS R. STODDARD  
 CONSTRUCTION ACCEPTED- 9 SEPTEMBER 1976  
 GRANULAR BACKFILL FOR STRUCTURES-MILLER PIT-WINDSOR, VT.  
 SUBBASE OF GRAVEL-MILLER PIT-WINDSOR, VT.  
 CONCRETE CLASS A 5/8-MILLER READY MIX-WILKESBORO, N.H.  
 STRUCTURAL STEEL ROLLED BEAM-ERNST STEEL CORPORATION  
 REINFORCING STEEL-PIIONEER STEEL ENGINEERS INC.  
 GREENFIELD, MASS.

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS



PROPOSED IMPROVEMENT  
 BRIDGE PROJECT

TOWN OF WINDSOR  
 COUNTY OF WINDSOR

ROUTE NO: T.H.G. CL #3 BRIDGE NO: 22

PROJECT LOCATION: Beginning At A Pin On T.H.#6 Approximately .117 Mi. East Of The West Windsor-Windsor Town Line, And Extending Westerly .018 Mi.  
 PROJECT DESCRIPTION: Remove Existing Superstructure, Construct New Abutments And New Superstructure, Do Necessary Roadway And Channel Work As Shown On Plans.

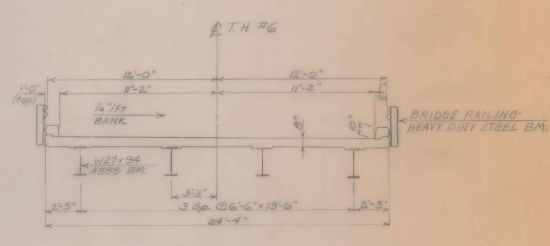
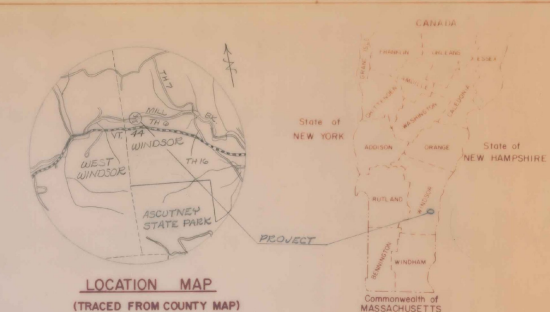
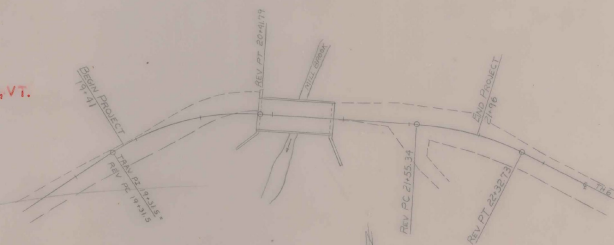
LENGTH OF STRUCTURE: 55.0 FEET  
 LENGTH OF PARTICIPATION ROADWAY: 200.0 FEET  
 LENGTH OF NON-PARTICIPATION ROADWAY: 0.0 FEET  
 LENGTH OF PROJECT: 255.0 FEET

GENERAL NOTES:

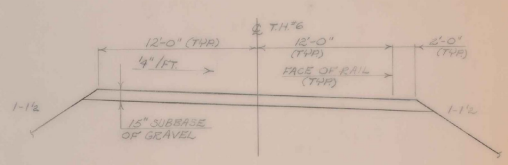
1. FOR ADDITIONAL GENERAL NOTES SEE SCB-D1-75
2. COST OF OVERMILL TO BE INCLUDED IN THE UNIT PRICE BID FOR APPLICABLE ITEMS.
3. FOR DISPOSITION OF EXISTING WF BEAMS ON SUPERSTRUCTURE SEE SPECIAL PROVISIONS.
4. ALL ROADWAY CUT AND FILL AREAS SHALL BE SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER. COST TO BE INCLUDED IN UNIT PRICE BID FOR EARTHWORK ITEMS.
5. THE CONTRACTOR WILL BE ALLOWED TO CLOSE THE ROAD TO TRAV. TRAFFIC. THE SELECTION SHALL BE GIVEN SEVEN (7) DAYS NOTICE OF THE CONTRACTORS INTENT TO CLOSE THE ROAD. DETOUR ROUTING SHALL BE THE RESPONSIBILITY OF THE TOWN.

SHEAR CONNECTORS-ERNST STEEL CORP.-BUFFALO, N.Y.  
 STONE FILL-FROM PROJECT  
 BRIDGE RAILING-GRISWOLD FENCE CO. INC. WILLISTON, VT.  
 GUARD RAIL STANDARD STEEL BEAM W/STEEL POST TYPE 1  
 GRISWOLD FENCE CO. WILLISTON, VT.  
 RECORD PLANS-PAUL E. SINGLETON

NOTE: ANY FURTHER INFORMATION CONCERNING PERMITS, INSURANCE, RIGHTS OR OTHER MATTERS RELATIVE TO THIS PROJECT MAY BE OBTAINED BY VISITING THE FIELD OFFICE ON THE ESTIMATE FILE.



TYPICAL BRIDGE SECTION  
 SCALE: 1/4" = 1'-0"



BUILT AS DESIGNED  
 TYPICAL ROADWAY SECTION  
 SCALE: 1" = 5'

CONVENTIONAL SIGNS

- COUNTY LINE
- TOWN LINE
- LIMITS OF ACCESS
- POINT OF ACCESS
- FENCE LINE
- STONE WALL
- TRAVELED WAY
- GUARD RAIL
- RAILROAD
- SURVEY LINE
- CULVERT
- POWER POLE
- TELEPHONE POLE
- TREES
- F.A. CONST. IDENTIFICATION SIGNS
- PROPERTY LINE
- R.O.W. TAKING LINE
- SLOPE RIGHTS
- TOP OF CUT
- TOE OF SLOPE

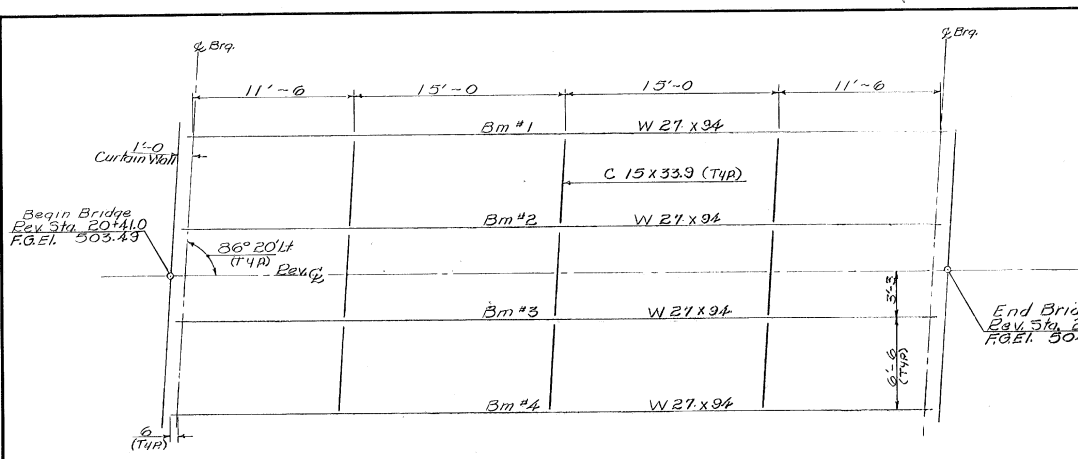
These plans are subject to such engineering changes as may be required by the Federal Highway Administration or the Chief Engineer.  
 Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated January 3, 1972 as approved by the Federal Highway Administration on December 28, 1971 for use on this project, including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD  
 APPROVED: *E.H. Steinhilber* DATE: 4/1/76  
 CHIEF ENGINEER  
 DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 APPROVED: *N/A* DATE: \_\_\_\_\_  
 DIVISION ENGINEER  
 PROJECT: WINDSOR TH 3608  
 SHEET 1 OF 19 SHEETS

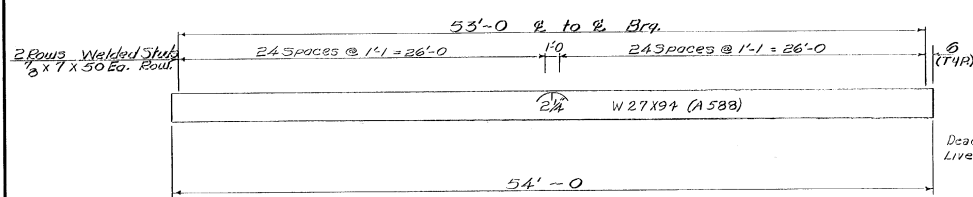




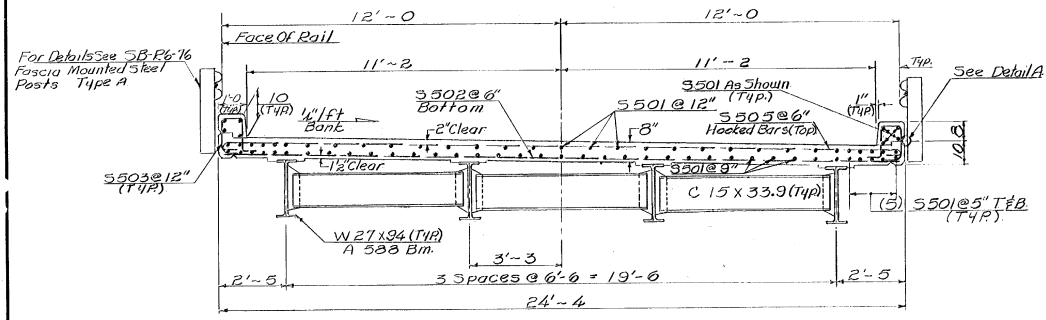




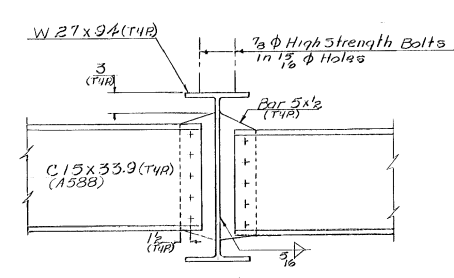
**FRAMING PLAN**  
Scale: 1/4" = 1'-0"



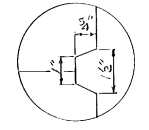
**BEAM ELEVATION**  
N.T.S.



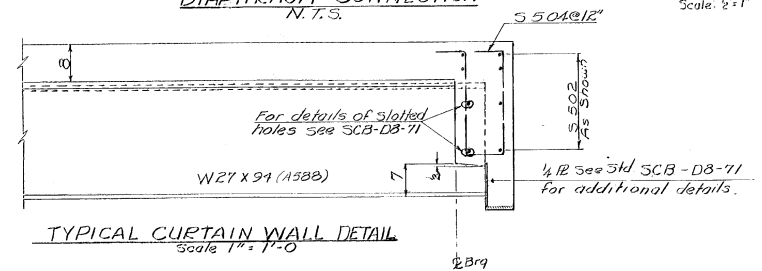
**TYPICAL SECTION**  
Scale: 1/2" = 1'-0"



**DIAPHRAGM CONNECTION**  
N.T.S.

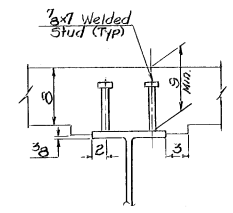


**DETAIL A**  
Scale: 1/2" = 1'-0"



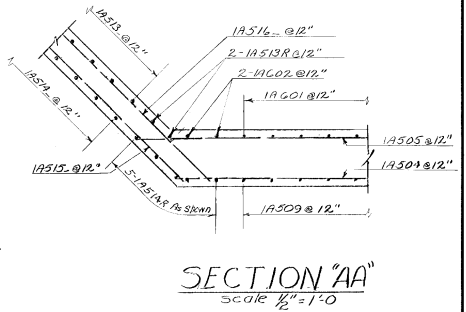
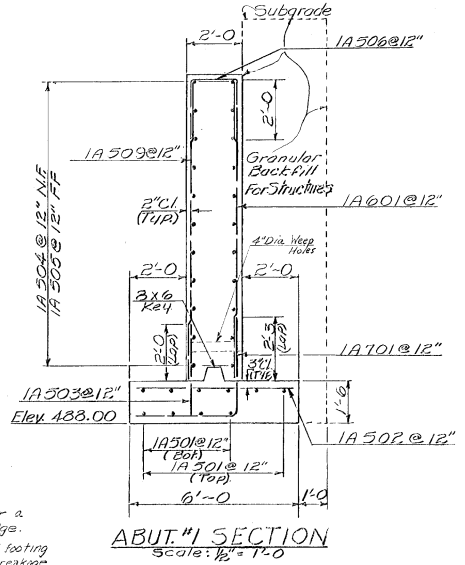
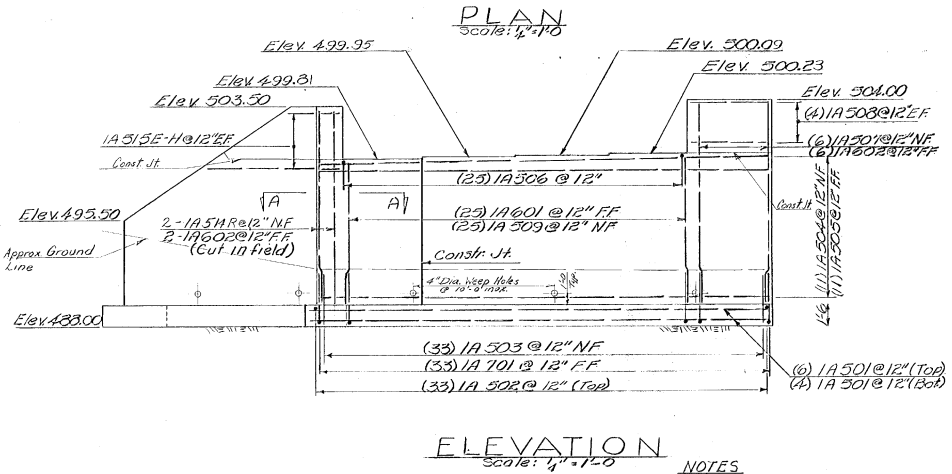
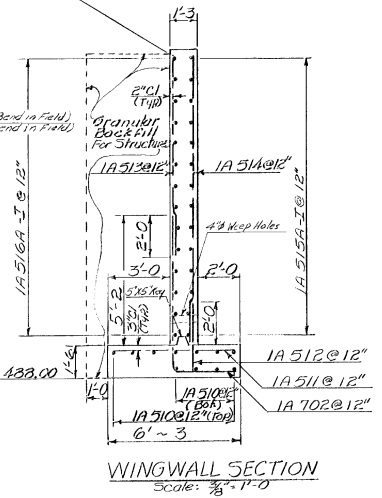
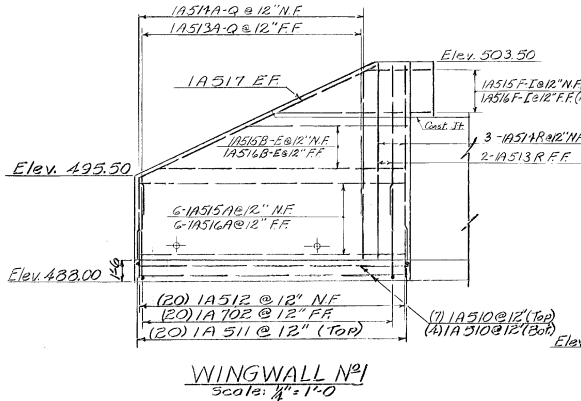
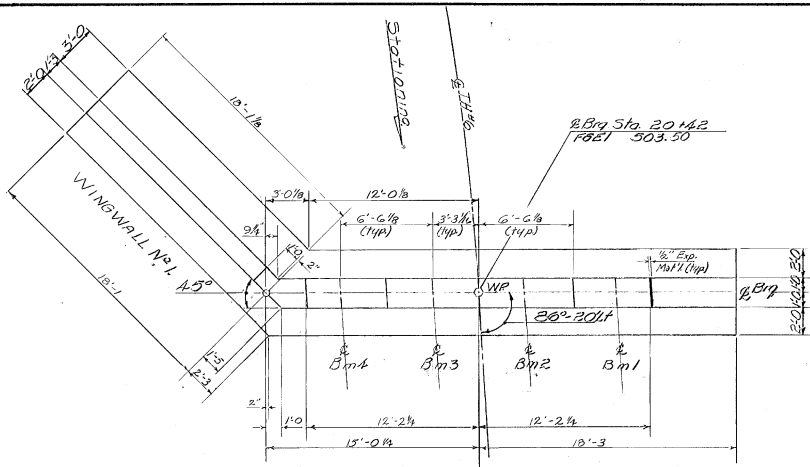
**TYPICAL CURTAIN WALL DETAIL**  
Scale: 1" = 1'-0"

**NOTES:**  
1. See Sheet 1 for General Notes.  
2. For Bearing Device Details See SCB-D8-11, Detail D.



**HAUNCH DETAIL**  
Scale: 1 1/2" = 1'-0"

STATE OF VERMONT DEPARTMENT OF HIGHWAYS			
TOWN OF	WINDSOR	Bridge No.	22
HIGHWAY NO.	TH 6 CL III	Log Sta.	
	TH #6 OVER MILL BROOK	Surv. Sta.	20+75
Typ. Section Framing Plan and Beam Details			
Designed by	J. Couture	Drawn by	G. Hopkins
Checked by	S. Achilles	Bridge Design Supervisor	W. Tripp
PROJECT	WINDSOR	date	3-76
		PROJECT NO.	TH 3608
		date	3-76
Bridge Sheet No.		Sheet	5 of 19



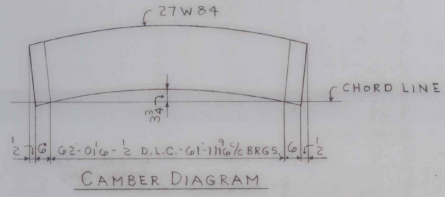
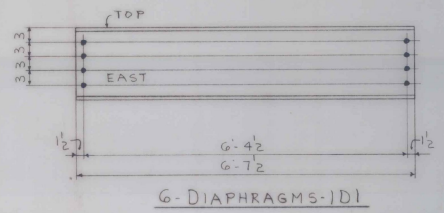
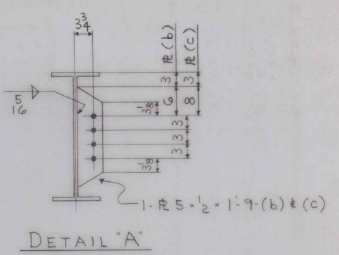
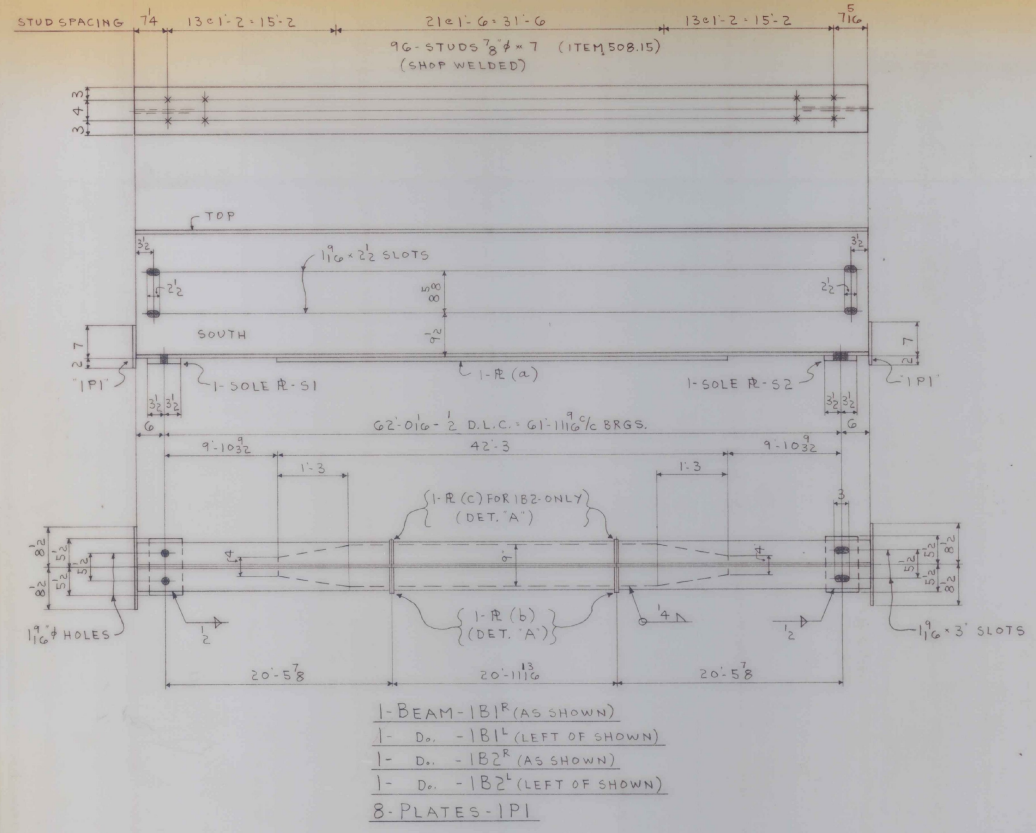
- NOTES**
1. For General Notes See Sheet No. 1.
  2. Abutment No. 1 Footing designed for a maximum bearing of 6 KSF on ledge.
  3. No ledge shall project above bottom of footing elevation indicated on plans. All overbreaks below indicated bottom of footing shall be replaced with Concrete Class B. A maximum of 0.5' average depth shall be paid for as Structure Excavation and Concrete Class B; any additional concrete required shall be placed at no cost to the State.

<b>STATE OF VERMONT DEPARTMENT OF HIGHWAYS</b>	
TOWN OF <b>WINDSOR</b>	Bridge No. <b>22</b>
HIGHWAY NO. <b>T.H. #6 CL III</b>	Log Sta. <b>20+73</b>
<b>TOWN HIGHWAY #6 OVER MILL BROOK ABUTMENT NO. 1 DETAILS</b>	
Designed by <b>B. Hopkins</b>	Drawn by <b>B. Hopkins</b>
Checked by <b>S. Achille</b>	Bridge Design Supervisor
<b>5</b> ACHILLE <b>3</b>	date <b>3-76</b> <b>W. TRIPP</b> date
PROJECT <b>WINDSOR</b>	PROJECT NO. <b>TH 3603</b>
Bridge Sheet No.	Sheet <b>6</b> of <b>19</b>



ABUTMENT No. 1															ABUTMENT No. 2																				
ITEM NO.	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM NO.	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
1																		81	14	5	20-8	2A502	Str.												
2	10	5	33-0	1A501	Str.													82	2	5	17-0	2A501	Str.												
3	33	5	5-6	1A502	Str.													83	7	5	17-0	1A501	Str.												
4	33	5	3-3	1A503	Str.													84	2	5	7-0	2A500	Str.												
5	11	5	32-1	1A504	Str.													85	2	5	8-0	2A500	Str.												
6	11	5	33-7	1A505	Str.													86	2	5	8-0	2A500	Str.												
7	7	5	14-2	1A507	Str.													87	2	5	3-0	2A500	Str.												
8	8	5	5-8	1A508	Str.													88	2	5	9-3	2A511	Str.												
9	25	5	9-11	1A509	Str.													89	2	5	23-10	2A512	Str.												
10	11	5	19-0	1A510	Str.													90	6	5	7-6	2A515	Str.												
11	20	5	5-9	1A511	Str.													91	8	5	2-9	2A516	Str.												
12	20	5	3-3	1A512	Str.													92	3	5	24-0	2A517	Str.												
13	1	5	2-9	1A518A	Str.													93	2	5	5-10	2A518	Str.												
14	1	5	Thru	Thru	Str.													94	9	5	6-8	2A519A	Str.												
15	1	5	9-3	1A518B	Str.													95	11	5	11-8	2A518B	Str.												
16	3	5	9-8	1A518R	Str.													96	5	5	12-8	2A514	Str.												
17	1	5	5-10	1A518A	Str.													97																	
18	1	5	Thru	Thru	Str.													98	10	6	16-7	2A601	Str.												
19	1	5	13-4	1A519A	Str.													99	11	6	15-7	2A602	Str.												
20	3	5	13-10	1A519B	Str.													100																	
21	6	5	19-4	1A519A	Str.													101	22	7	10-6	2A701	Str.												
22	1	5	18-0	1A519B	Str.													102	16	7	14-4	2A702	Str.												
23	1	5	Thru	Thru	Str.													103	29	7	13-6	2A703	Str.												
24	1	5	11-6	1A519E	Str.													104	11	7	12-8	2A702	Str.												
25	1	5	11-4	1A519F	Str.													105																	
26	1	5	Thru	Thru	Str.													106																	
27	1	5	5-0	1A519A	Str.													107	20	8	13-6	2A801	Str.												
28	6	5	20-0	1A519A	Str.													108	14	8	3-0	2A802	Str.												
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37																		117	16	10	18-8	2A1003	Str.												
38	26	6	7-11	1A601	Str.													118																	
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42	20	7	10-3	1A702	Str.													122																	
43																		123																	
44																		124																	
45																		125																	
46																		126																	
47																		127																	
48																		128	152	5	23-4	5501	Str.												
49																		129	116	5	24-0	5502	Str.												
50																		130	110	5	4-4	5503	Str.												
51																		131	25	5	6-4	5504	Str.												
52																		132	111	5	25-2	5505	Str.												
53																		133																	
54	22	5	11-10	2A501	Str.													134																	
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56	17	5	10-6	2A503	Str.													136																	
57	2	5	18-0	2A504	Str.													137																	
58	1	5	18-9	2A505	Str.													138																	
59	2	5	16-4	2A506	Str.													139																	
60	1	5	16-0	2A507	Str.													140																	
61	1	5	Thru	Thru	Str.													141																	
62	1	5	14-4	2A508	Str.													142																	
63	8	5	23-1	2A509	Str.													143																	
64	11	5	18-9	2A506	Str.													144																	
65	1	5	24-0	2A507A	Str.													145																	
66	1	5	Thru	Thru	Str.													146																	
67	1	5	17-8	2A507B	Str.													147																	
68	2	5	17-0	2A507C	Str.													148																	
69	1	5	Thru	Thru	Str.													149																	
70	2	5	6-8	2A507D	Str.													150																	

NO.	QTY.	MATERIAL	LENGTH OR ANGLE MARK	SHIPPING AND TOL. MARK	REMARKS	BILL REF.	ORDERED LENGTH	CALCULATED WEIGHT FOR ONE SHIPPIING PIECE	
									NO. OF Pcs.
1	1	1-BEAM -	181 <sup>R</sup>		64 (AS SHOWN)			639.8	
4	1	1- D. -	181 <sup>L</sup>		64 (LEFT OF SHOWN)			639.8	
8	1	1- D. -	182 <sup>R</sup>		64 (AS SHOWN)			639.5	
8	1	1- D. -	182 <sup>L</sup>		64 (LEFT OF SHOWN)			639.5	
7	4	4 W 27 84	630 <sup>1/2</sup>					1/4	
8	4	4 PL 9 24	42 3/4	6				1/4	
9	8	8 PL 5 2	1 9/8	5				1/5	
10	4	4 PL 5 2	1 9/8	5	182			1	
11	4	4 SOLE PL	51		SET IN				
12	4	4	52						
14	384	NS 1/8 #	7	TYPE 531	ITEM 508.15			1.1	
18	8	PLATES -	1PI					10.8	
20	8	PL 9 4	1 5/8					1/7	
26	6	DIAPHRAGMS -	1D1					724.5	
27	6	C 15 55 1/2	6 7/8					1/3	
31	FIELD BOLTS (NET COUNT)								
32	48	BT 1/8 #	24					578.3	
33	48	WR 1/8 #							
34	PROJECT NO. TH3604								
35	BRIDGE NO. 20								
36	ORLEANS COUNTY								
37	(ITEM 508.15) TOTAL WGT. 472.4								
38	(ITEM 508.15) TOTAL WGT. 768.20								



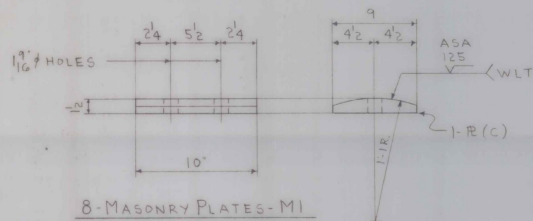
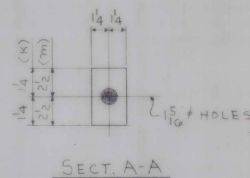
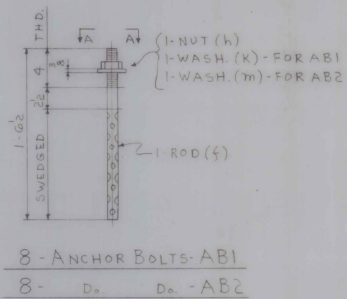
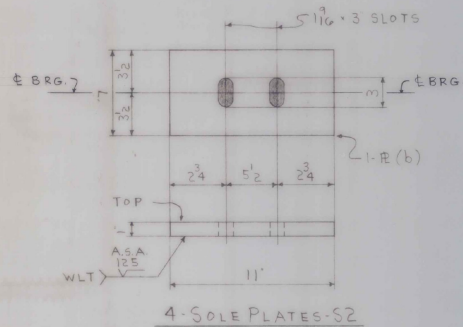
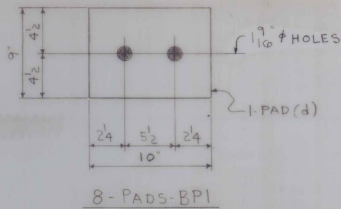
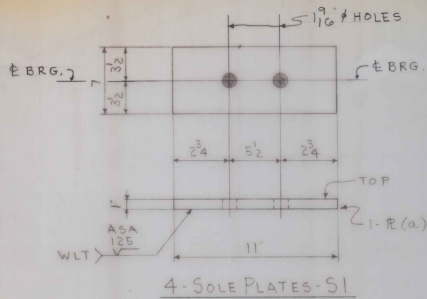
PROJECT NO. TH3604  
 BRIDGE NO. 20  
 ORLEANS COUNTY

**ERNST CONSTRUCTION DIV.**  
 OF  
**ERNST STEEL CORPORATION**  
 1280 MAIN STREET BUFFALO, N. Y.

TITLE: DETAILS  
 FOR STATE OF VERMONT - D.O.H.  
 BRIDGE NO. 20 OVER CLYDE RIVER

MADE BY: RB DATE: 6-1-76 CHK. BY: AWS DATE: 6/8/76

OPEN HOLES 1/8" DIA. BOLTS 7/8" DIA. UNLESS NOTED.  
 SHOP PAINT: NONE SHEET NO. 1  
 FIELD PAINT: \_\_\_\_\_ CONT. NO. 6173



PROJECT NO. TH3604  
BRIDGE No. 20  
ORLEANS COUNTY

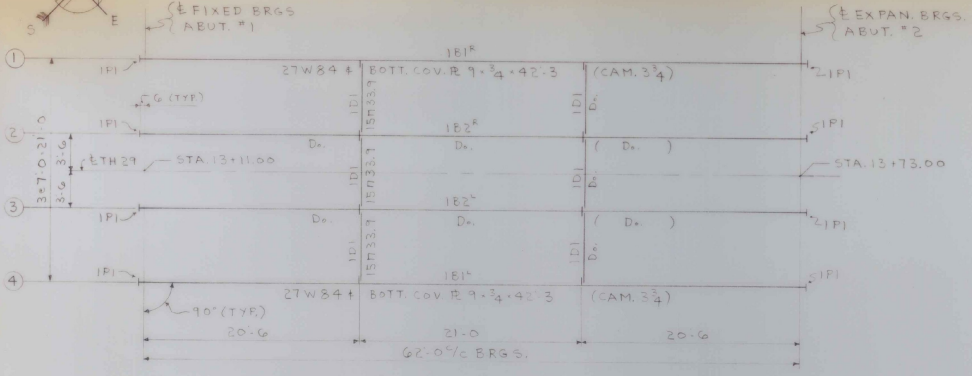
NOTE:  
WLT - DENOTES FINISHED SURFACE TO RECEIVE  
A COATING OF WHITE LEAD + TALLOW.

ALL MAT'L A.S.T.M. - A588 WEATHERING UNL. NTD.  
FOR GENERAL NOTES SEE SHT. K1

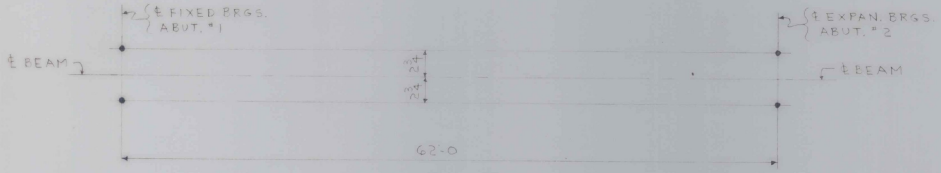
CG173 SHEET NO. A1 PROJ. NO. TH3604 BR. NO. 20 ORLEANS CO.		MATERIAL		SHIPPING	FINISH	SHA	REMARKS	WILL	ORDERED	CALCULATED
NO.	QTY	NO. OF PCE	DESC. DIMENSIONS	OR ASSEMBLY MARK	AND TREAT	PIEC LENGTH		BILL REF.	LENGTH	WEIGHT FOR ONE SHIPPING PIECE
1	4		SOLE PLATES - S1				SHIP W/ BEAMS			
2	4		PL 7 1	11 a	F15				1/9	
3	4		SOLE PLATES - S2				SHIP W/ BEAM			
4	4		PL 7 1	11 b	F15				1/9	
5	8		MASONRY PLATES - M1							38.2
6	8		PL 9 1 1/2	10 c	F15 B				1/10	
7	8		PADS - B1							
8	8		FABRIKA PADS							
9	8		9 8							
10	8		ANCHOR BOLTS - AB1							7.8
11	8		RD 1 1/2	1 1/2	F		SWEDGED TYPE 3		1/12	8.5
12	8		NN 1/4 TAP	h			SWEDGED TYPE 3		1/19	
13	8		PL 2 1/2 8	2 1/2	K				1/17	
14	8		ANCHOR BOLTS - AB2							
15	8		RD 1 1/2	1 1/2	F		SWEDGED TYPE 3		1/12	8.5
16	8		NN 1/4 TAP	h			SWEDGED TYPE 3		1/17	
17	8		PL 2 1/2 8	2 1/2	K				1/17	
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ERNST CONSTRUCTION DIV.  
OF  
ERNST STEEL CORPORATION  
1280 MAIN STREET BUFFALO, N. Y.  
TITLE BEARING DETAILS  
FOR STATE OF VERMONT - D.O.H.  
BRIDGE No. 20 OVER CLYDE RIVER  
MADE BY RB DATE 5-28-76 CHK. BY DWS DATE 6/2/76  
OPEN HOLES DIA. RIVETS DIA. UNLESS NOTED.  
SHIP PAINT: NONE SHEET NO. A1  
FIELD PAINT: CONT. NO. 6173

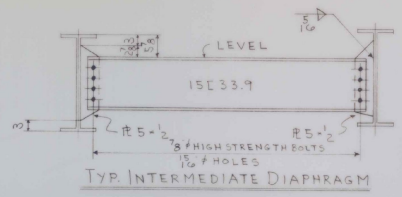
TOTAL WGT. 4560



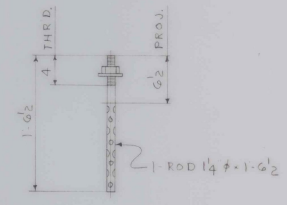
FRAMING PLAN



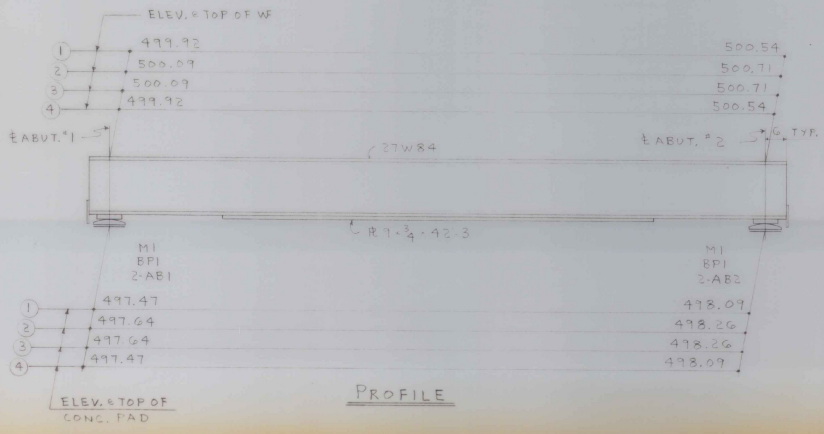
ANCHOR BOLT PLAN



TYP. INTERMEDIATE DIAPHRAGM



8-ANCHOR BOLTS-AB1  
8 - D. D. - AB2



PROFILE

PROJECT NO. TH3604  
BRIDGE NO. 20  
ORLEANS COUNTY

**ERNST CONSTRUCTION DIV.**  
OF  
**ERNST STEEL CORPORATION**  
1280 MAIN STREET BUFFALO, N. Y.

TITLE **FRAMING PLAN**  
FOR **STATE OF VERMONT - D.O.H.**  
**BRIDGE No. 20 OVER CLYDE RIVER**  
MADE BY **RB** DATE **5-28-76** CHK. BY **AW** DATE **5/6/76**  
OPEN HOLES 15/16" DIA. RIVETS 7/8" DIA. UNLESS NOTED.  
SHOP PAINT **NONE** SHEET NO. **E1**  
FIELD PAINT **---** COPY NO. **G173**

FOR GENERAL NOTES SEE SHT. K1

GENERAL NOTES  
STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

TOWN OF CHARLESTON  
COUNTY OF ORLEANS

ROUTE NO. TH 29      BRIDGE NO. 20  
PROJECT NO. TH 3604

SHOP INSPECTION BY VERMONT DEPT. OF HWYS.

SCOPE OF WORK

STRUCTURAL STEEL (ITEM 506.90) FURNISHED BY ERNST AND ERECTED BY OTHERS.  
ANCHOR BOLTS FOR BEARING DEVICES FURNISHED BY ERNST BUT SET BY OTHERS.  
SHEAR STUDS (ITEM 508.15) FURNISHED & SHOP WELDED BY ERNST.

FIELD CONNECTIONS

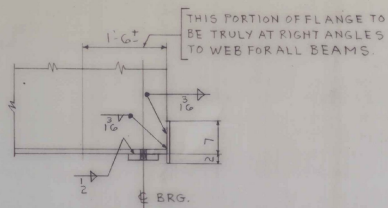
$\frac{7}{8}$ " HIGH STRENGTH BOLTS ARE TYPICAL (A325 TYPE 3)  
OTHER FASTENERS OR FIELD WELDING SHALL BE SHOWN ON THIS SHEET.

SHOP PAINT

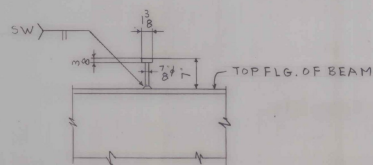
NO PAINT ASTM-A588 (BLAST CLEAN SPECIFICATION-SSPG-SPG) (SEE PAGE 5-65 OF VERMONT-D.O.H. SPECIFICATIONS DATED JAN. 1972)  
THE CONTACT SURFACES OF ROCKERS SHALL RECEIVE A SHOP COAT OF WHITE LEAD AND TALLOW.

WELDING

ALL WELDING AND DIMENSIONAL TOLERANCES OF WELDED MEMBERS SHALL CONFORM TO A.W.S. D1-1-72 'STRUCTURAL WELDING CODE' AND ITS LATEST REVISIONS EXCEPT AS MODIFIED BY THE AASHTO STANDARD SPECIFICATIONS FOR WELDING OF STRUCTURAL STEEL HIGHWAY BRIDGES, DATED 1974 AND ITS LATEST REVISIONS.



SHOP WELDING OF SOLE PLATES TO BEAM



TYPICAL SHOP WELD DETAIL FOR  
SHEAR STUDS (ITEM 508.15)

DESIGN & DETAILING

AS PER THE STATE OF VERMONT DEPARTMENT OF HIGHWAYS, STANDARD SPECIFICATIONS FOR HIGHWAY & BRIDGE CONSTRUCTION, DATED JANUARY 1972 & ITS LATEST REVISIONS AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 1973 AND ITS LATEST REVISIONS, LL-H20-44

MATERIALS & FABRICATION

AS PER ABOVE SPECIFICATIONS, CONTRACT DRAWINGS & SPECIAL PROVISIONS, UNLESS OTHERWISE NOTED ON DETAILS A.S.T.M.-A588 WEATHERING WILL BE USED FOR ALL STEEL.

RESPONSIBILITY

THE FABRICATOR ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF PRINCIPAL CONTROLLING DIMENSIONS GIVEN ON THE ENGINEER'S DESIGN DRAWING.

SHOP NOTE

LONGITUDINAL DIMENSIONS ARE TO BE MEASURED ALONG CHORD LINE OF CAMBERED BEAMS. STIFFENERS AND END CUTS ARE TO BE LAID OUT WITH RESPECT TO THE CHORD LINE UNLESS OTHERWISE NOTED. CAMBER IS TO BE MEASURED WITH WEB LYING HORIZONTAL. STIFFENERS ARE TO BE NORMAL TO BOTTOM CHORD UNLESS OTHERWISE SHOWN.

ERECTOR NOTE

PROCEDURE FOR THE USE OF HIGH STRENGTH BOLTS A.S.T.M.-A325-TYPE 3 THE ERECTOR SHALL INSERT HIGH STRENGTH BOLTS WITH A HARDENED WASHER UNDER THE TURNED ELEMENT AND SHALL TIGHTEN TO A MINIMUM BOLT TENSION OF 39,250 LBS. ADD (1/4 TO 1/16) TO GRIP FOR LENGTH.

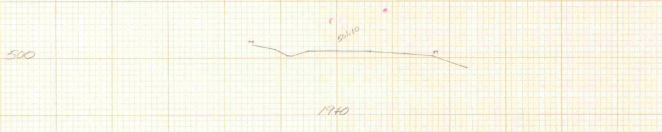
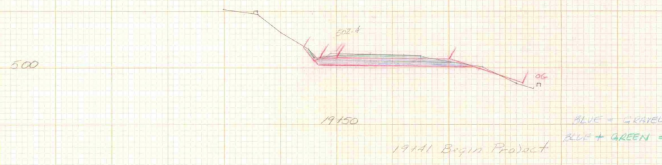
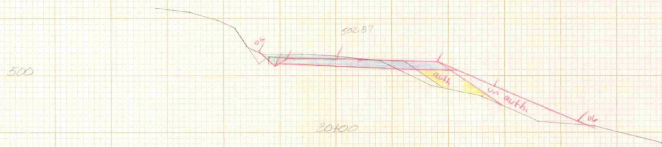
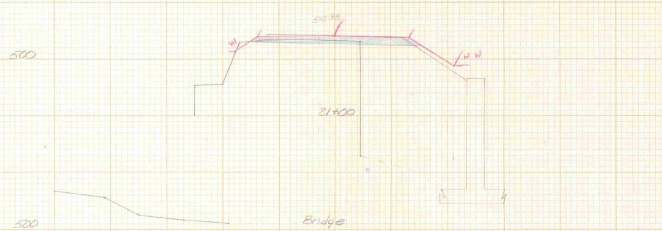
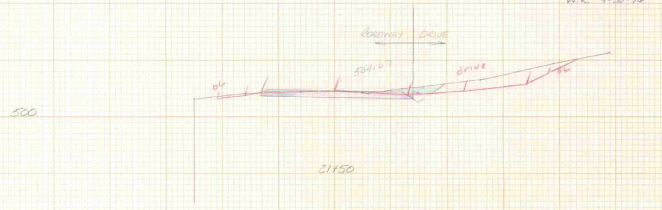
PROJECT NO. TH 3604  
BRIDGE NO. 20  
ORLEANS COUNTY

**ERNST CONSTRUCTION DIV.**  
OF  
**ERNST STEEL CORPORATION**  
1280 MAIN STREET      BUFFALO, N. Y.

TITLE: GENERAL NOTES  
FOR: STATE OF VERMONT-D.O.H.  
BRIDGE No. 20 OVER CLYDE RIVER  
MADE BY: RB DATE: 5-28-76 CHK. BY: AWC DATE: 6/8/76  
OPEN HOLES 18/16" DIA.      NUTS 7/8" DIA.      UNLESS NOTED.  
SHOP PAINT:      SHEET NO. K1  
FIELD PAINT:      CONT. NO. 6173



NOTE: SEE BE 3 19 65  
 $10.30 \times 14 + 3.0 = 37.33 \text{ 10}^3$  TO BE DEDUCTED FROM CROWN  
 W.R. 4-20-76



Sta	D.S.I	Excavation Area Vol	Gravel Area Vol	Gravel Area Vol	Gravel Area Vol
19141	Butt	57	17	31	10
19150	9	57	23	31	0
20100	50	36	31	36	46
20141	Butt	36	35	37	39
20196	Butt	4	1	37	5
21142	50	3	34	37	65
21450	40	35	74	33	56
21496	Butt	52	28	33	56
		345 CY	257 CY	36 CY	69
		267	235		
		+ 37 DUNE			
		304			

$304 + 255 + 87 = 646 + 115 = 761 \text{ CY}$   
 Total to be deducted to obtain borrow  
 $(267 + 37 + 235) = 539 \text{ CY}$

Excavation Removal of Earth  
 4 ft x 2' long 18 wide at base  
 and 3' high = 112 CY

Structure Excavation material  
 against stream bank 20' long by 4' x 3 ft  
 by 8' wide = 15 CY

Total = 539 + 15 = 554 CY

Total Gravel Slips = 444  
 Total Gravel Backfill Slips = 564  
 Total = 1008  
 Less = 237  
 771  
 187 CY

BLU = 20100  
 RED + GREEN = TOTAL EXCAVATION

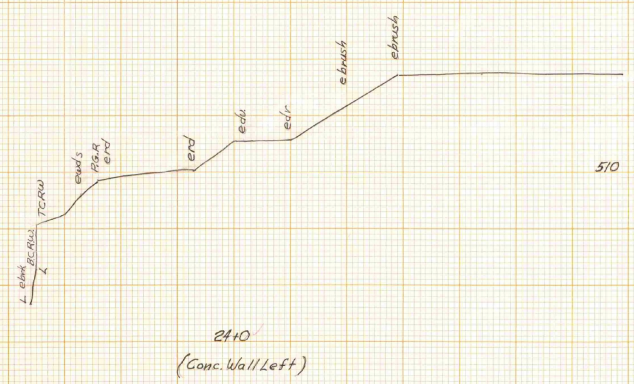
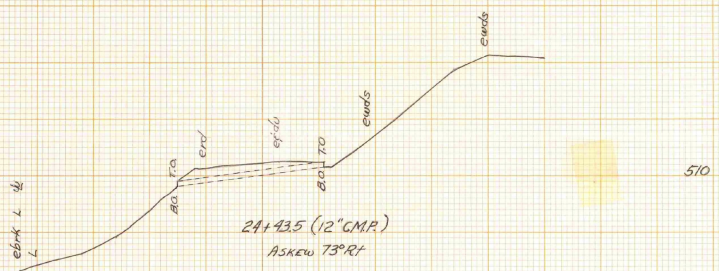
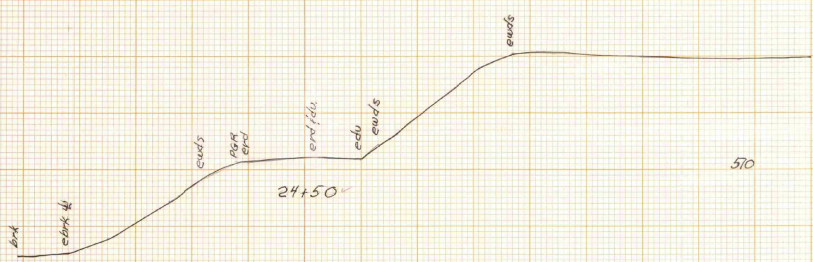
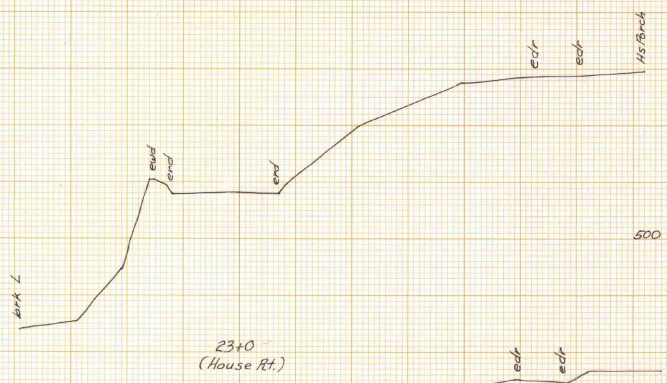
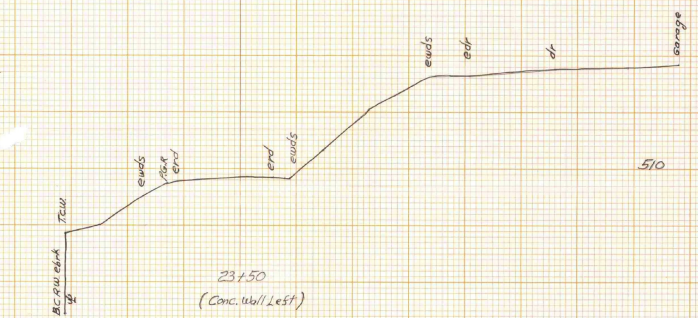
19141 Bridge Product

21496 End Product

Windsor T.H. 3603



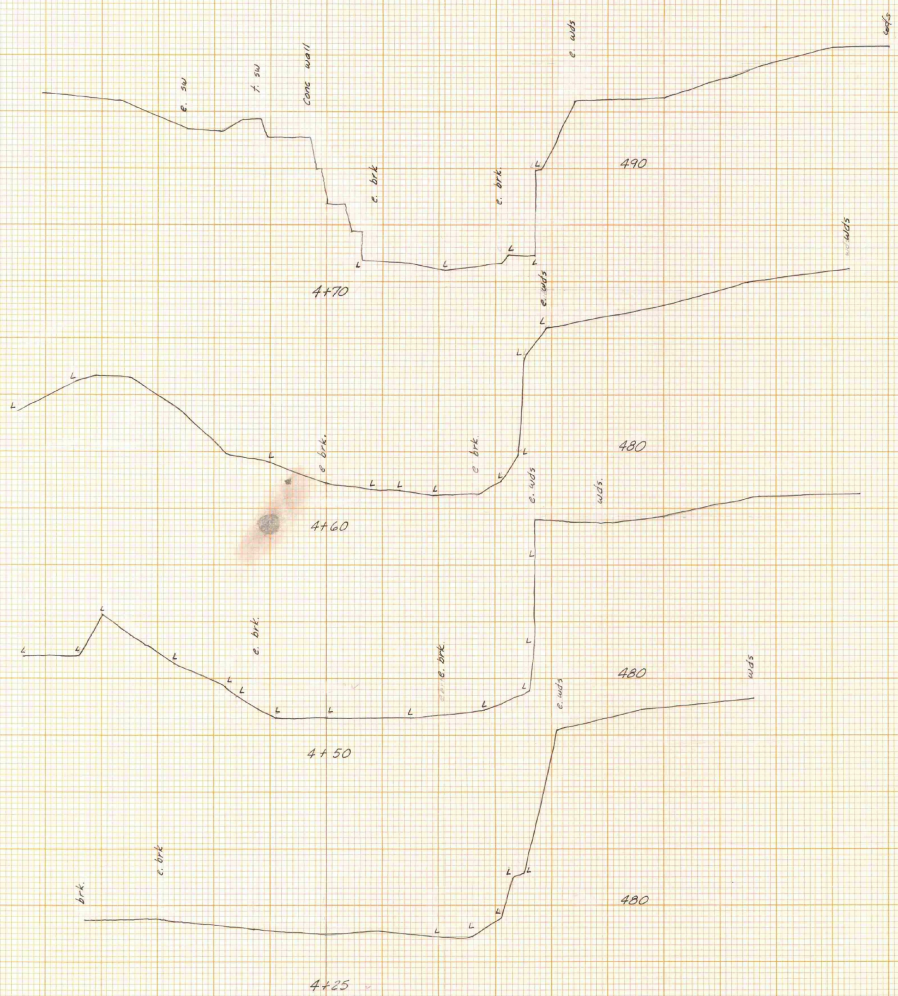




T.H.-6

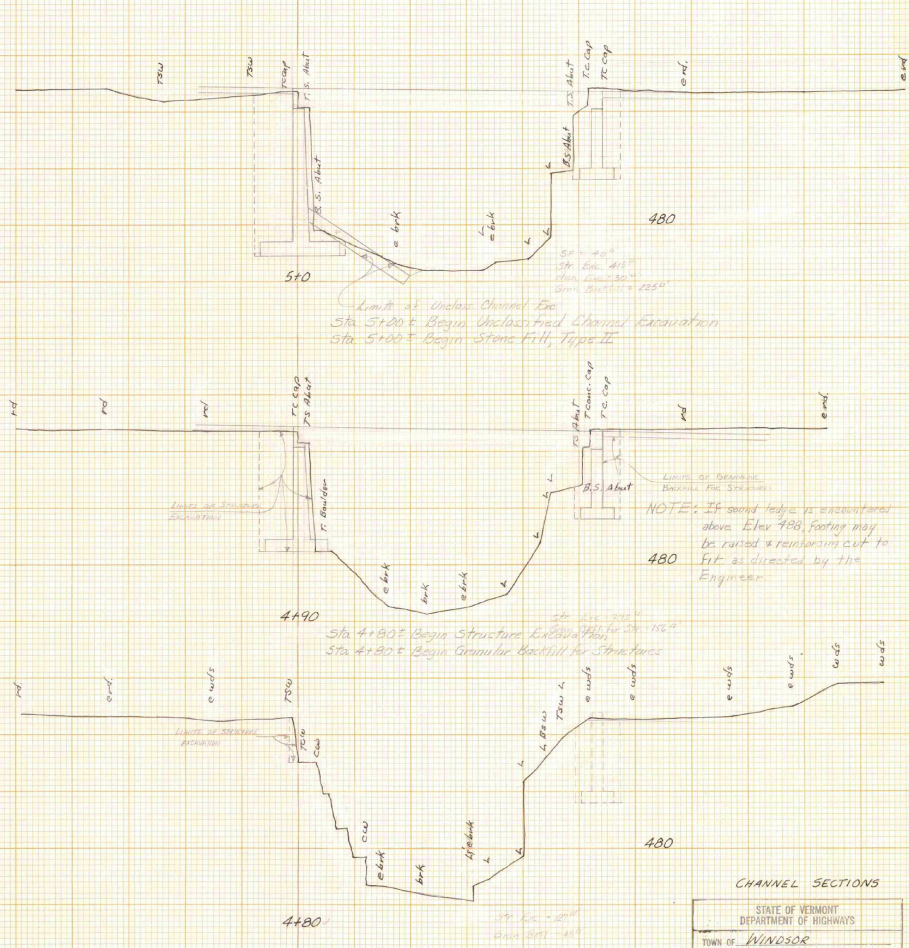
STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
TOWN OF	Windsor
Locals by	FANTON
Plotted by	H. L. LEWIS
Checked by	B. STETSON
SCALE: 1 INCH = 10 FEET	
Proj. No.	14-36-125
Sheet	11 of 13
Sta.	22+50
To Sta.	24+50

C/L



C/L

C/L



C/L

Limit of Under Channel Exc.  
Sta. 4+80± Begin Unclassified Channel Excavation  
Sta. 5+00± Begin Stone Fill, Type II

NOTE: If second ledge is encountered above Elev 488, footing may be raised & reinforcing cut to fit as directed by the Engineer.

CHANNEL SECTIONS

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
TOWN OF WINDSOR	
Locals by: FANSON	Date:
Plotted by: H. LEWIS	Ch'd by: MITCHELL
SCALE: 1 INCH = 10 FEET	
Proj. No. 22-300-B	Sheet 12 of 19
Sta. 4+25	to Sta. 5+0



*Bridge*  
1976

Windsor  
TH 3608

1976

Vermont Agency of  
Transportation  
Phase III- Interstate  
#090303-01  
INITIALS   
Hanger 4672 NONE