

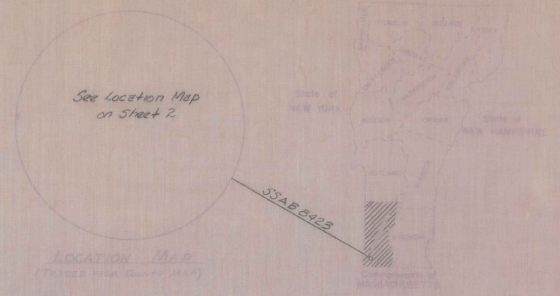
- NOTES OF SHEETS
- 1 Title Sheet
 - 2 Plan and Profile
 - 3 Quantity Sheet
 - 4 Plan and Elevation
 - 5 Superstructure Details
 - 6 Abutment No. 1 Details
 - 7 Abutment No. 2 Details
 - 8 Reinforcing Steel Schedule
 - 9-10 Channel Sections
 - 11-13 Roadway Sections
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| 15 | SCB-DL-73 | 11-28-73 | |
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| 19 | E-7 | 9-19-73R | Barricades |

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS



PROPOSED IMPROVEMENT

BRIDGE PROJECT
TOWN OF ARLINGTON
COUNTY OF BENNINGTON
ROUTE NO. S.A. #5 BRIDGE NO. 2



GENERAL NOTES

ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, DEPARTMENT OF HIGHWAYS, STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED JAN. 1972 AND THE R.R.S.M.O. STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DATED 1925 AND ITS LATEST REVISIONS. DESIGN IS FOR H 20-44 LOADING.

FOR ADDITIONAL GENERAL NOTES SEE SHEET 4.

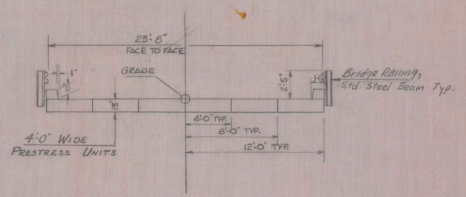
CONTRACTOR,
W.H. MORSE CONST. CO. INC.
RESIDENT ENG. N. BLANCHARD
RECORD PLANS, D. MAHONEY

CONTRACT
DATED NOV. 15, 1974
STARTED DEC. 4, 1974
COMPLETED MAY 17, 1975
ACCEPTED JUNE 12, 1975

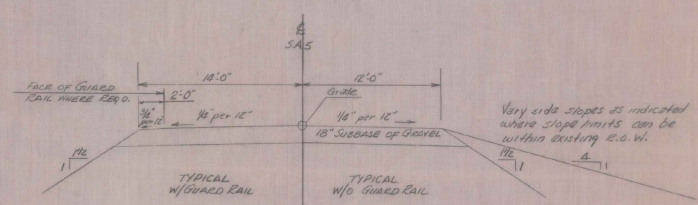
PROJECT LOCATION Beginning at a point on State Aid #5 at the intersection of State Aid #4 and State Aid #5 and extending southeasterly along State Aid #5 for 550 feet.

PROJECT DESCRIPTION This project shall consist of replacing existing Bridge #2 with a new simple span (prestressed concrete deck) with new concrete abutments and limited approach construction on State Aid #5.

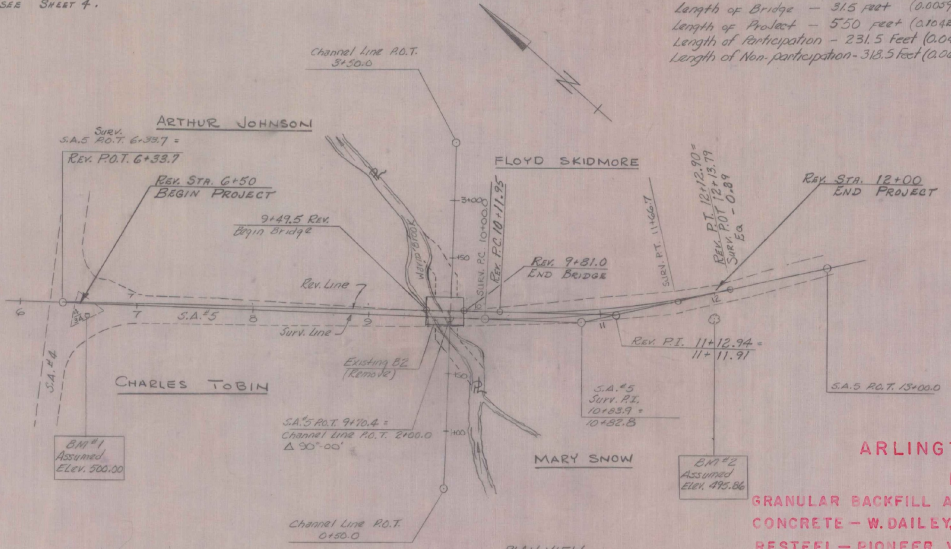
Length of Bridge - 31.5 feet (0.0059 mi.)
Length of Project - 550 feet (0.1042 mi.)
Length of Participation - 231.5 feet (0.044 mi.)
Length of Non-participation - 318.5 feet (0.060 mi.)



TYPICAL BRIDGE SECTION
1" = 5'-0"



TYPICAL ROADWAY SECTION
1" = 5'-0"



PLAN VIEW
1" = 50'

ARLINGTON SSAB 8423

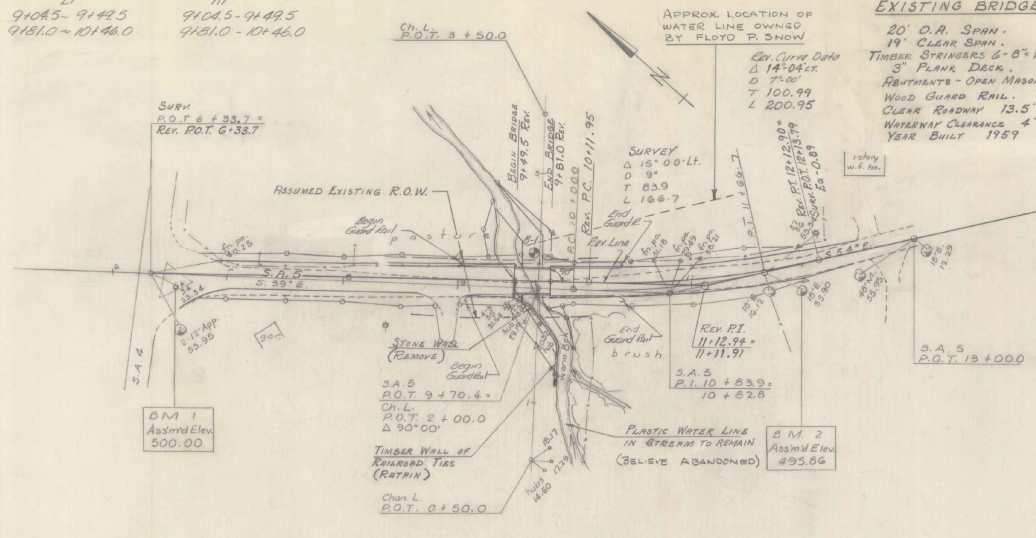
MATERIALS

- GRANULAR BACKFILL AND GRAVEL - MATTISON PIT, ARLINGTON, VT.
- CONCRETE - W. DAILEY, SHAFTSBURY, VT.
- RESTEEL - PIONEER VALLEY STEEL CO. INC. GREENFIELD, MASS.
- PRESTRESSED CONCRETE MEMBERS - UNISTRESS CORR. PITTS. MASS.
- BRIDGE RAIL AND GUARD RAIL - GRISWOLD FENCE CO. ESSEX JCT. VT.

E. H. Stickney 10-2-74

ARLINGTON
SSAB 8423

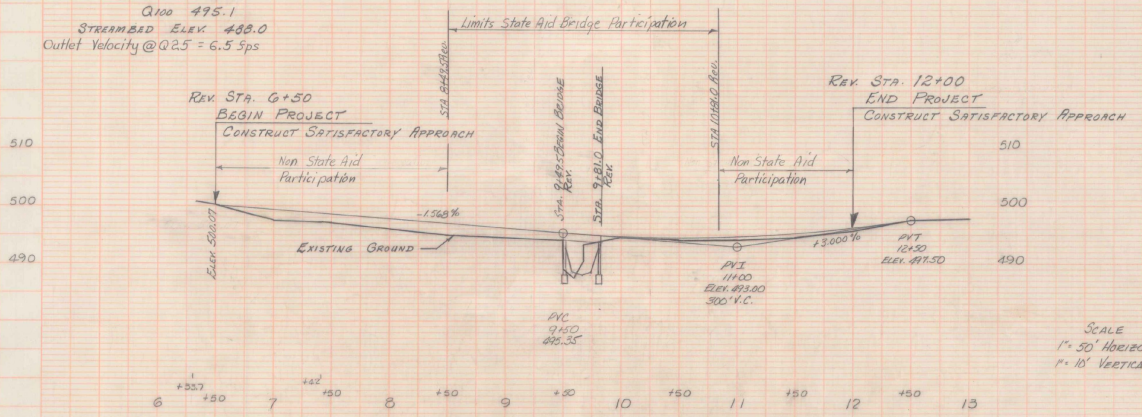
Guard Rail, Standard Steel Beam w/ Steel Posts, Type I
 Lt Rt
 9+04.5 - 9+14.5 9+04.5 - 9+14.5
 9+181.0 - 10+146.0 9+181.0 - 10+146.0



HYDRAULIC DATA
 DRAINAGE AREA 9.4 sq. mi.
 FLOW Q10 680 cfs
 Q25 860 cfs (Design)
 Q50 1000 cfs
 Q100 1200 cfs

HEADWATER ELEVATION
 Q25 494.6
 Q50 494.8
 Q100 495.1

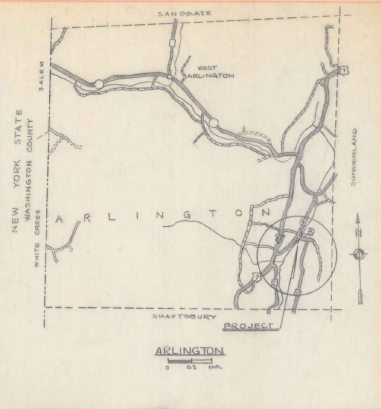
STREAMBED ELEV. 488.0
 Outlet Velocity @ Q25 = 6.5 Sps



Boring B-1 @ Sta. 9+45 30' Lt
 ELEV. 491.6

9	R	W	Gr.	A-2-4 Silty Sand
10	36	W	Gr.	Not Sampled
11	W	Gr.	A-4 Silt	
20	9	W	Gr.	A-2-4 Silty Sand
21	11	W	Gr.	A-4 Silt
30	11	W	Gr.	Not Sampled
31	24	W	Gr.	A-4 Sandy Silt
40	31	W	Gr.	A-2-4 Silty Sand
41	11	W	Gr.	A-1-B Silty Gravel
50	20	W	Gr.	A-4 Silt
51	16	W	Gr.	A-2-4 Sand
60	24	W	Gr.	A-4 Sandy Silt
61	9	W	Gr.	A-4 Silt
70	30	W	Gr.	Not Sampled
71	27	W	Gr.	A-1-B Gravel
80	29	W	Gr.	A-4 Sandy Silt
81	19	W	Gr.	A-1-B Sandy Gravel
90	21	W	Gr.	A-4 Sandy Silt
91	14	W	Gr.	A-4 Silt
100	11	W	Gr.	A-4 Silt
110	10	W	Gr.	A-4 Silt
120	11	W	Gr.	A-4 Silt

El. 486.50
 Bottom of footing
 About 1 ft



Standard Penetration Boring
 Casing Outside Diameter 3"
 Casing Inside Diameter 2 1/4"
 Weight of Hammer 300 lbs.
 Distance Fall 30"
 Sampler Outside Diameter 2"
 Sampler Inside Diameter 1 7/8"
 Weight of Hammer 100 lbs.
 Hammer Fall 30"

○ - Blows on casing per foot
 □ - Blows on sampler per foot
 △ - Depth for blow count
 * - Moisture
 - - Color

EARTHWORK

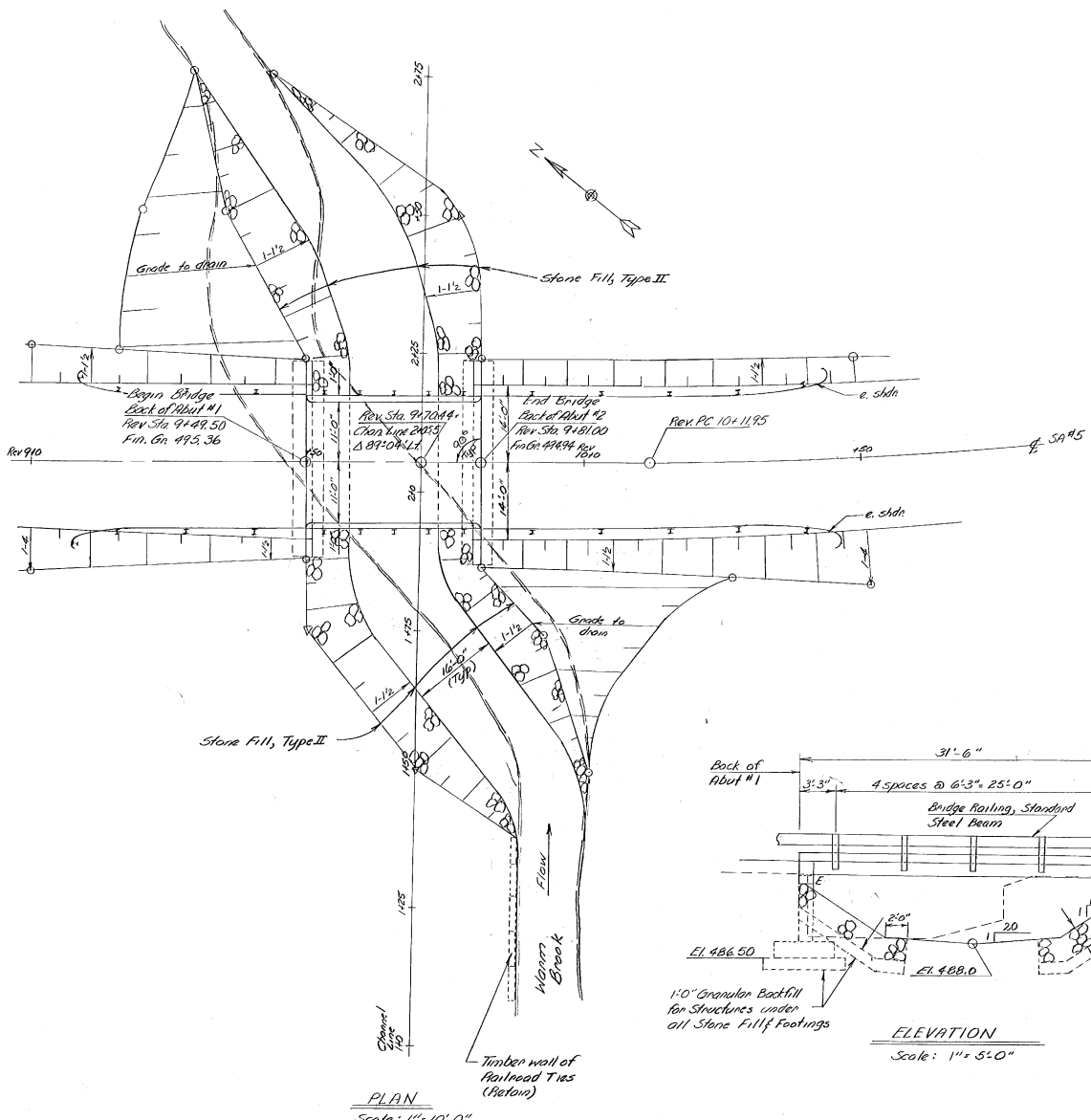
V.C.	% GRD	STATION	GRADES		CORR. V.C.	DIST.	Cut		Fill		Subbase of Gravel	
			ELEVATION ON TAN.	ELEVATION ON V.C.			AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.
		6133.7	500.70									
		+50	500.07					BEGIN PROJECT				
		+537	500.00					0				
		710	498.27			50.01		17		42		
		+0001	498.27					18		45		
		+50	498.49			50		22		83		
		+5001	498.49					6		45		
		810	497.71			50.01		20		80		
		+0002	497.71					16		42		
		+49.50				98.48		52		45		
		+50	496.92			0.52		1		1		
		+50.02	496.92					52		45		
		910	496.14			50.01		40		85		86
		+0003	496.14			44.47		40		48		88
		+49.50	495.36					105		48		88
		+50	495.35			0						
		+50.04	495.35			0						
		+81.00	494.87			10.07						
		1010	494.57			+0.19	19.05	8		102		44
		+0005	494.57			+0.19	49.73	23		19		45
		+49.76	493.79			+0.76	49.73	26		7		45
		+50	493.79			+0.76	31.22	28		9		52
		+81.00				2.3		9		45		31
		+81.56	493.01			+1.70	18.56	21		15		7
		1110	493.00			+1.71	49.83	30		26		81
		+49.39	492.48			+0.77	11			16		1.4
		+50	494.50			+0.76	49.12	56		15		73
		+89.11	495.97			+0.20	30			0		3.5
		1210	496.00			+0.19						
		+89.12	496.00				50	46				
		+89.11	497.47			10.01		0				0
		12150	497.50			0	50					
		+89.11	498.97									
		1310	499.00									
		Totals (Approaches)						46		0		32
		Totals Non State Aid Participation (Rounding)						101		169		470
								3		1		3
								130		170		505
								Factor		1.55		
										213-150-63		
										90-63 =		27 CY Excess Fill
		Total State Aid Participation (Rounding)						81		295		343
								4		0		2
		Excess Channel Excav. (See Computations)						85		295		345
								Factor		1.55		
								459		369		
								459		-369 = 90 CY Excess		

BRIDGE QUANTITY SHEET

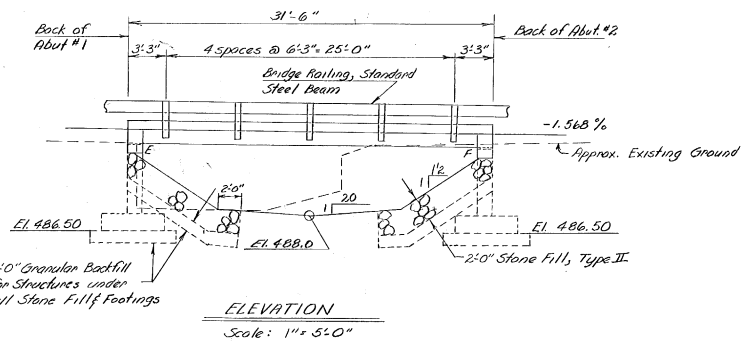
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
BRIDGE DIVISION

NO.	ITEM	UNIT	QUANTITY BREAKDOWN							Project TOTAL	FINAL			
			Super-structure	Abutment No. 1	Abutment No. 2	Recovery	Channel	State Aid Participation	Non State Aid Participation					
202.20	Removal of Existing Superstructure	cu	1						1	1				
203.15	Common Excavation	CY				235			85	267	150	147	235	419
203.27	Unclassified Channel Excavation	CY					470		470	326			470	326
203.30	Earth Borrow (Est)	CY				50	100		150	0			150	0
204.25	Structure Excavation	CY		45	80				125	123.4			125	123.4
204.30	Granular Backfill for Structures	CY		40	40		90		170	170			170	
301.15	Subbase of Gravel	CY				850			345	66.4	505	540	850	1294
306.10	Overhaul (10.M. Est)	CY/MI		400	400	8500	900		5150	0	5050	0	10200	0
404.41	Bituminous Surface Treatment - Type VII (Prime Coat and Seal Coat of Bituminous Material with Sand and Stone Coats)	Gal												*47
501.20	Concrete Class A	CY	2						2	1.86			2	1.86
501.25	Concrete Class B	CY		21	21				42	43.21			42	42.21
507.15	Reinforcing Steel	lb	140	1900	870				4010	3991			4010	3991
510.20	Prestressed Concrete Members	cu	6						6				6	
514.10	Water Repellent	Gal	2	0.5	0.5				3				3	
613.11	Stone Fill, Type II	CY					190		190	181.6			190	181.6
617.34	Bridge Railings, Standard Steel Beam	LF	63						63				63	
621.25	Guard Rail, Standard Steel Beam with Steel Posts, Type I	LF				225			225	220			225	220
638.10	One Way Temporary Bridge	L.S.							1				1	

* Not included in contract - to be done by others



PLAN
Scale: 1" = 10'-0"

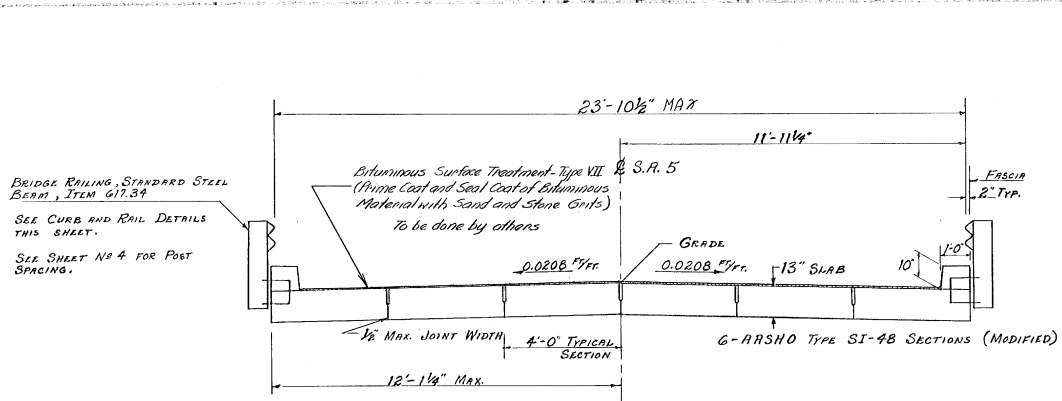


ELEVATION
Scale: 1" = 5'-0"

GENERAL NOTES

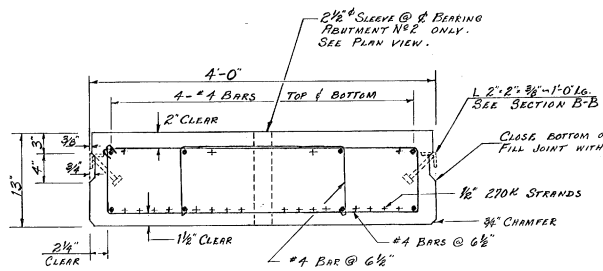
1. All dimensions are horizontal or vertical.
2. Allowable Design Stress:
Concrete:
f_c' = 3000 psi (Substructure)
f_c' = 5000 psi (Precast Deck)
Reinforcing Steel, Grade 40
f_s = 20,000 psi (Tension)
f_s = 16,000 psi (Compression)
3. 1/2" Neoprene bearing pads to be furnished by the supplier at the same time that precast sections arrive on the site. (Pads to be 6-1/2" x 0-6 1/2" x 4'-0" each abutment and included in cast of Precast Sections.
4. Cast in place curbs on slab sections shall be Concrete Class A.
5. The fabricator is required to submit five sets of detailed drawings to the Engineer for approval prior to fabrication of beams.
6. Handling Prestressed Slabs: In handling, the slabs must be maintained in an upright position at all times and must be picked up only by means of the lifting devices provided or suitable alternatives approved by the Engineer.
7. Water Repellent, Item S14.10 shall be applied to all exposed concrete surfaces except for the deck soffit between drip bead notches.
8. Bridge Railing Standard Steel Beam, Item 617.34, shall include the furnishing and erection of bolts, nuts, washers, rail posts and bridge rail.
9. Existing superstructure of B2 shall be removed at the lump sum price bid for Item 202.30, Removal of Existing Superstructure.
10. The contractor shall maintain traffic thru the project at all times under Item 635.10, One-Way Temporary Bridge.
11. One-half (1/2) a cubic yard of stones not less than six (6) cubic feet in volume shall be left or placed per one hundred (100) square feet of new channel bed, to be paid for as Stone Fill, Type II.

STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
TOWN OF ARLINGTON	Bridge No. 2
HIGHWAY NO. SA #5	Proj. No. 9465
SA #5 Over Warm Brook Plan and Elevation	
Designed by R.P. Gendron	Drawn by A. Elwood
Checked by	Bridge Design Supervisor
R.P. Gendron date 7-26-74	A.S. Haupt date 7-74
PROJECT	PROJECT NO.
ARLINGTON	SSAB 84-23
Bridge Sheet No.	Sheet 4 of 19

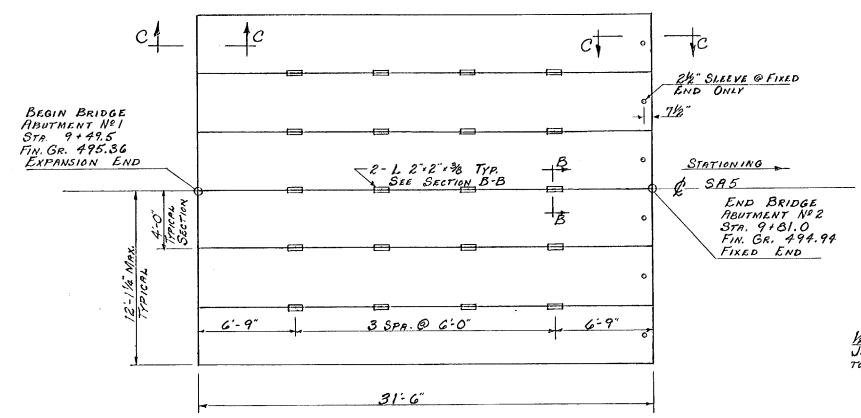


TYPICAL DECK SECTION
1/2" = 1'-0"

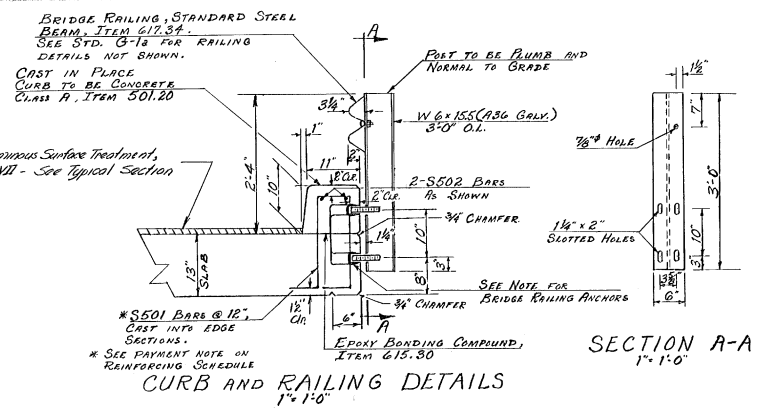
PRESTRESSED BEAM DATA
 MINIMUM CONCRETE STRENGTH @ 28 DAYS 5000 PSI
 CONCRETE STRENGTH @ STRESS TRANSFER 4000 PSI
 PRESTRESSED CONCRETE SLABS SI-48 ARSHO (MODIFIED)
 OVERALL LENGTH 31'-6"
 H20-44 LIVE LOAD
 MAX. LL + I MOMENT 111 KIP-FT.
 THE FABRICATOR MAY ALTER THIS SUGGESTED DESIGN BY
 SUBMITTING DRAWING FOR APPROVAL ACCORDING TO
 SUBSECTION 510.03 DESIGN AND DRAWINGS.
 PRESTRESSING STRANDES SHOWN 1/2" 270K CONFORMING TO
 SUBSECTION 712.06. INITIAL TENSION 28910# PER STRAND.
 FINAL DESIGN TENSION 21190# PER STRAND.



TYPICAL SECTION
1/2" = 1'-0"
 (INTERIOR SECTION SHOWN. EXTERIOR SECTION SIMILAR, FOR EXCEPTIONS SEE CURB AND RAILING DETAILS ABOVE.)

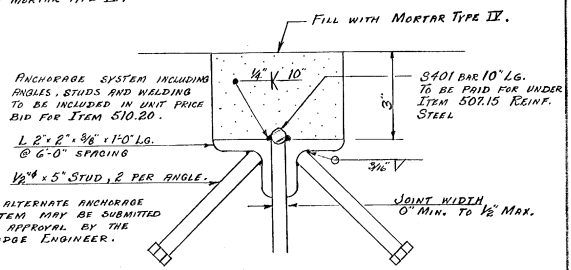


PLAN - PRECAST SECTIONS
1/4" = 1'-0"

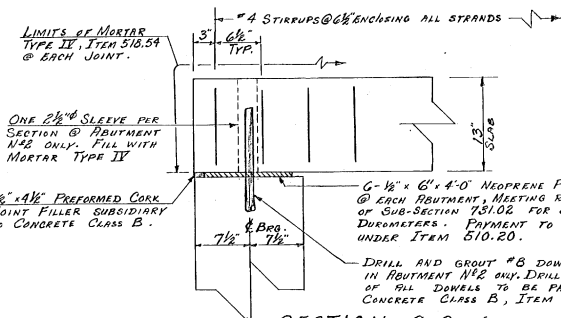


CURB AND RAILING DETAILS
1" = 1'-0"

BRIDGE RAILING ANCHORS
 RICHMOND PREST ANCHORS (OR APPROVED EQUAL), WITH 1 1/8" LONG CLOSED END FERULES AND 4'-1 1/4" LONG THREADED RODS 3/4" NUTS AND 2 WASHERS FOR EACH ROD. ALL AFFIXTURES NOT CAST INTO CONCRETE SHALL BE GALVANIZED AS PER ASTM A-123. ALL ANCHORS TO BE PAID FOR UNDER UNIT PRICE FOR ITEM 510.20 PRESTRESSED CONCRETE MEMBERS. THREADED RODS, NUTS AND WASHERS TO BE PAID FOR UNDER UNIT PRICE FOR ITEM 617.54 BRIDGE RAILING, STD. STEEL BEAM.



SECTION B-B
1/2" = 1"



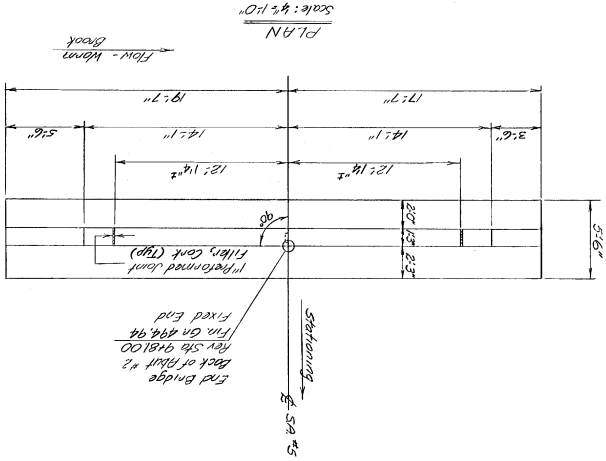
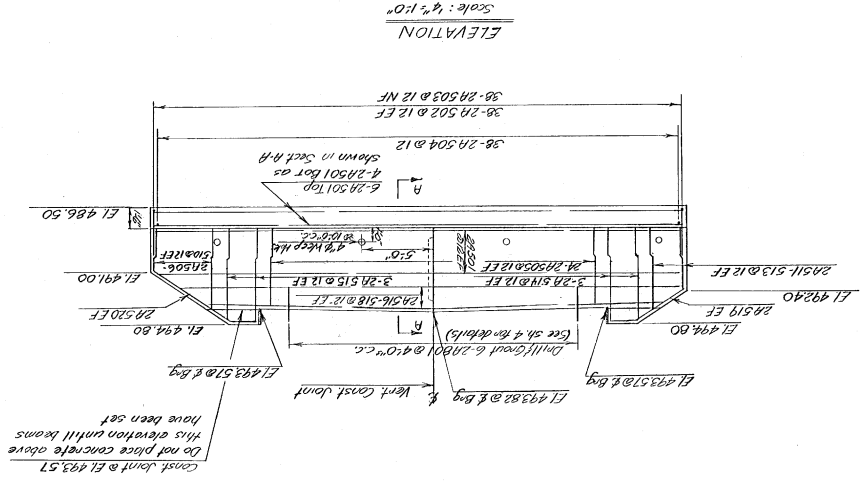
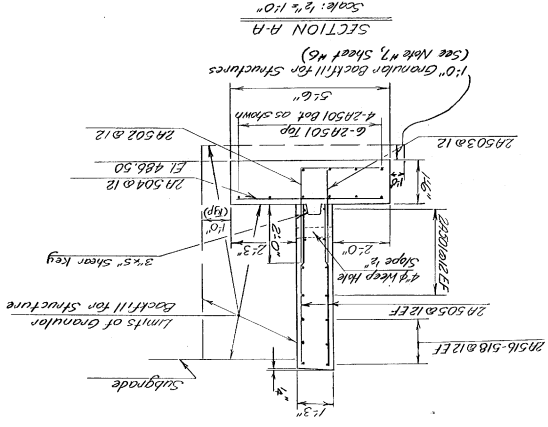
SECTION C-C (ABUTMENT NO. 2 SHOWN, ABUTMENT NO. 1 SIMILAR EXCEPT OMIT DOWELS)
1/2" = 1'-0"

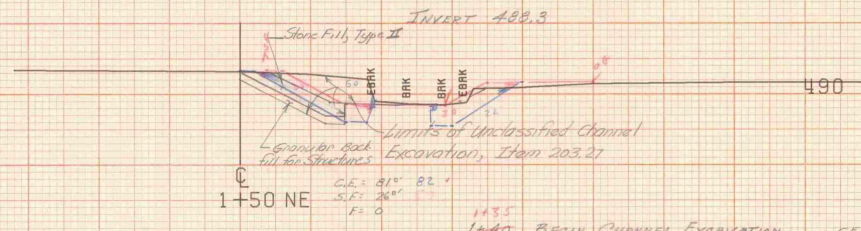
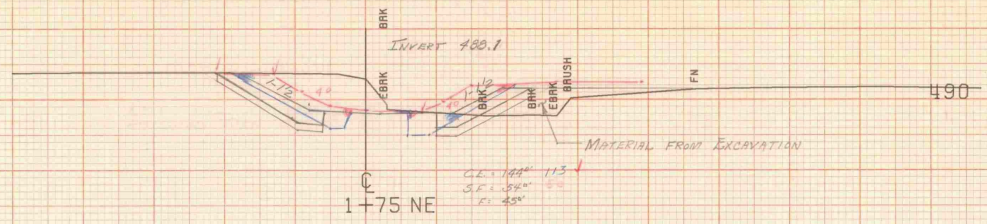
STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
TOWN OF ARLINGTON	Bridge No. B 2
HIGHWAY NO. S.A. 5	Long Sta. 9+65
	Start Sta. 9+65
S.A. 5, B2 OVER WARM BROOK	
SUPERSTRUCTURE DETAILS	
Designed by R.P. GENDRON	Drawn by R.P. GENDRON
Checked by A. H. MOOD	Bridge Design Supervisor
date 7-3-74	R.S. HADLEY date 7-1-74
PROJECT NO.	PROJECT NO.
ARLINGTON	SSAB 8423
Sheet 5	of 19

TOWN OF ARRINGTON	Sheet No. 2
Highway No. 52	Project No. 965
Drawn by R. Elwood	Checked by R. Elwood
Designed by R. Elwood	Drawn by R. Elwood
Project No. 55APB 8423	Sheet 7 of 19

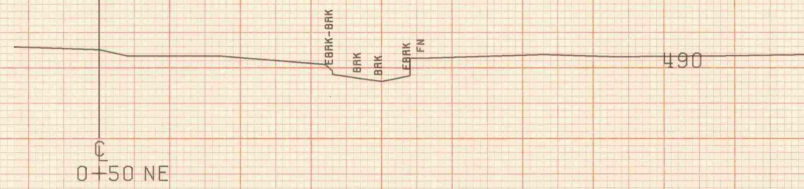
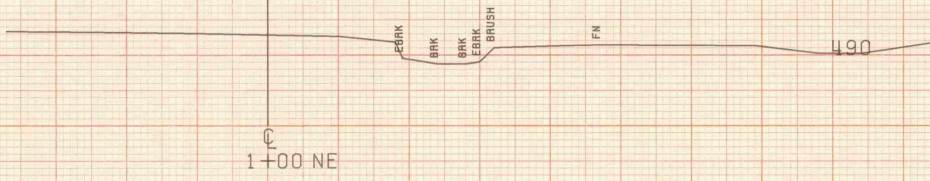
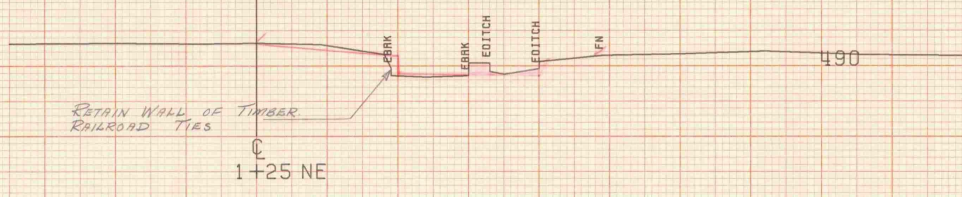
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

See Abutment No. 1 Sheet for notes





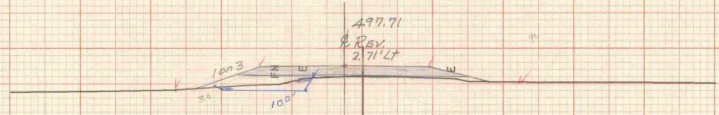
1+55
1+40 Begin Channel Excavation CE = 0
1+35
1+40 Begin Stone Fill, Type II, and SF = 0
Granular Backfill for Structure



CHANNEL SECTIONS
Sheet 9 of 19

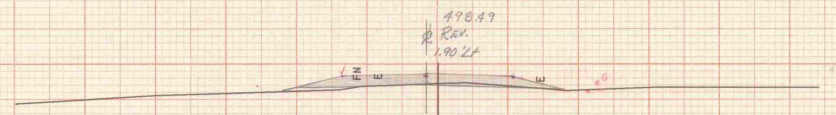
FROM STA. 0+50	TO STA. 1+75
PROJECT NAME	ARLINGTON SSAB 8423 CHANNEL LI NE
NO.	SSAB8423
SURVEYED BY	COURSE
SHEET 1 OF 19 SHEETS	09/73

SCALE 1" = 10 FEET



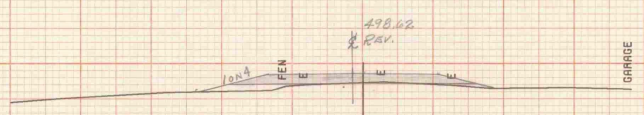
490

Sta. 8+00 OK
= Rev 0+00.02 F-16



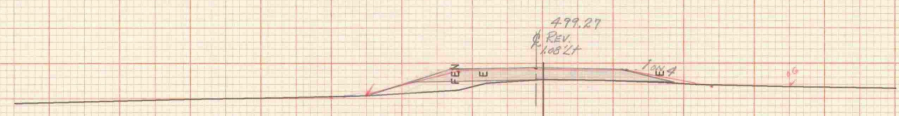
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Sta. 7+50 OK
= Rev 7+50.01 F-6



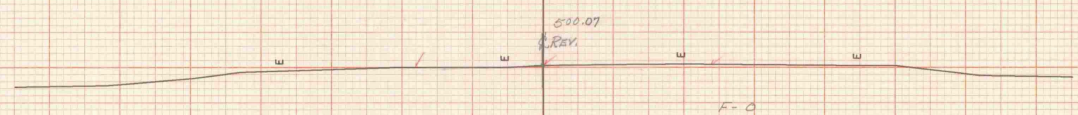
490

7+42 OK



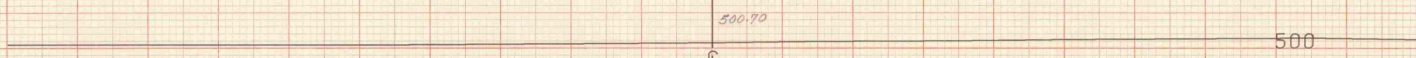
490

Sta. 7+00 OK
= Rev 7+00.01 F-18



490

6+50 OK Begin Construction



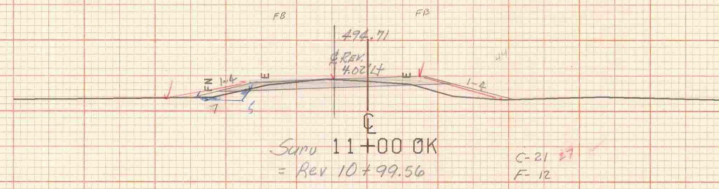
500

Sta. 6+33.70 OK
= Rev 6+33.70

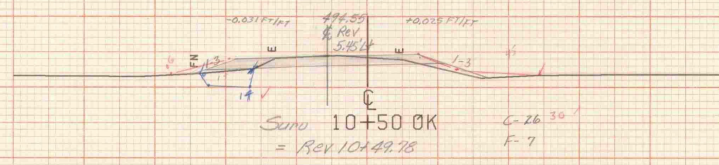
SA#5 SECTIONS

FROM STA. 6+33.70	TO STA. 8+00
PROJECT NAME	ARLINGTON SAS B2 OVER WARM BRD OK
NO.	SSAB8423
SURVEYED BY	COARSE
SHEET 1 OF 3	SHEETS
	09/73

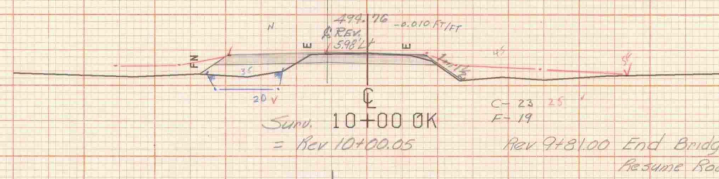
SCALE 1" = 10 FEET



490

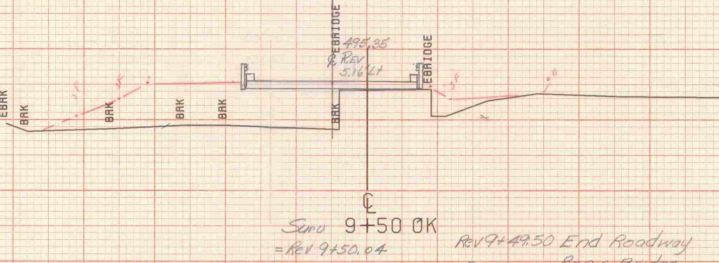


490



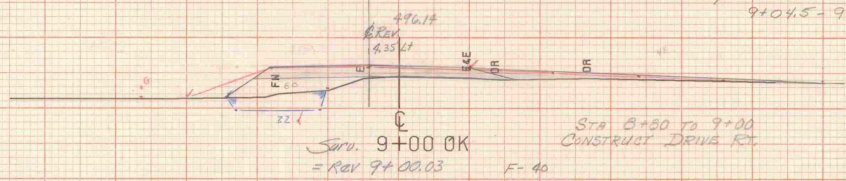
490

Guard Rail, Standard Steel Beam w/ Steel Posts
9+81 ~ 10+46 L & R

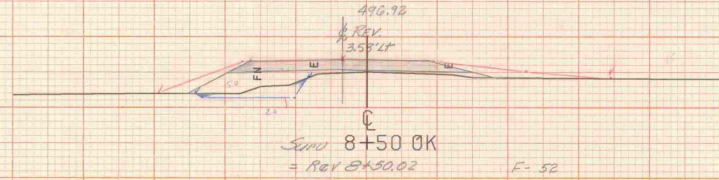


490

Begin Guard Rail, Standard Steel Beam w/ Steel Posts
9+04.5 - 9+49.5 L & R

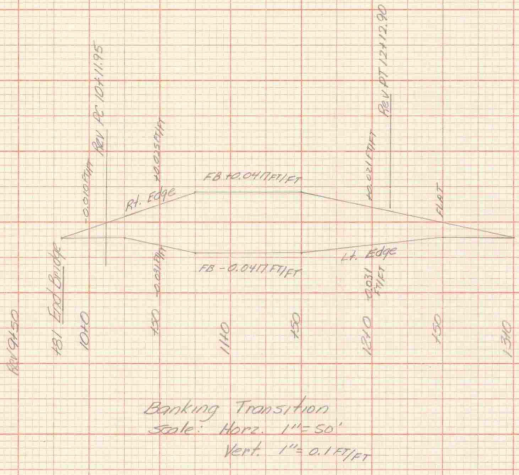


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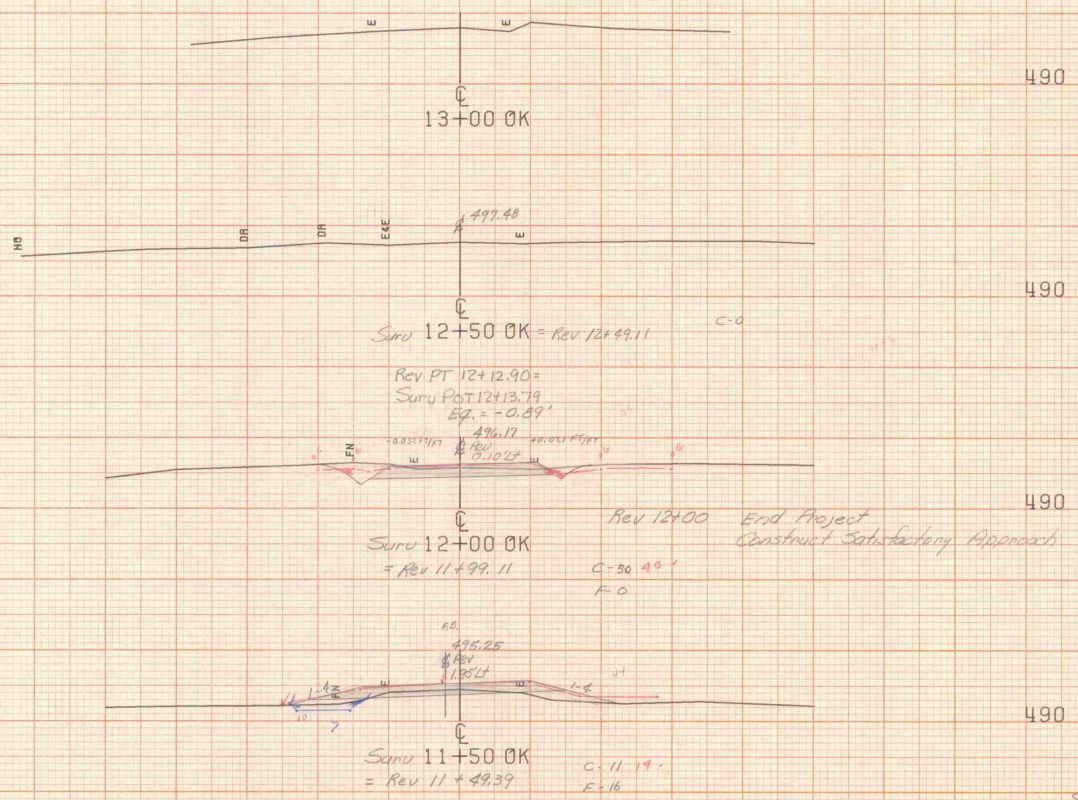
Plotted 7-2-75 OAM
Plan 7-2-75 OAM



SAS SECTIONS

FROM STA. 8+50	TO STA. 11+00
PROJECT NAME	ARLINGTON SAS B2 OVER WARM BRO OK
NO.	SSAB8423
SURVEYED BY	COARSE
SHEET 2 OF 3	SHEETS

SCALE 1" = 10 FEET



490

490

490

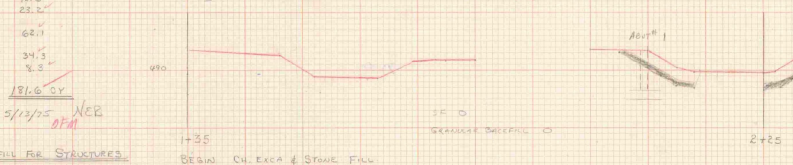
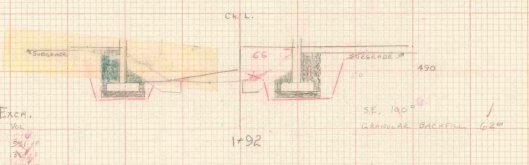
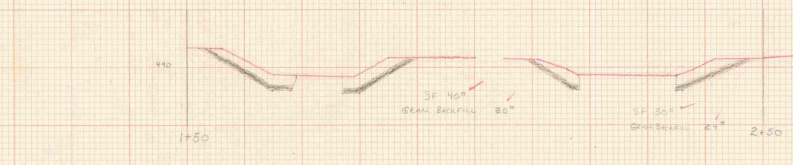
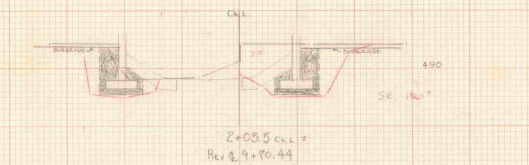
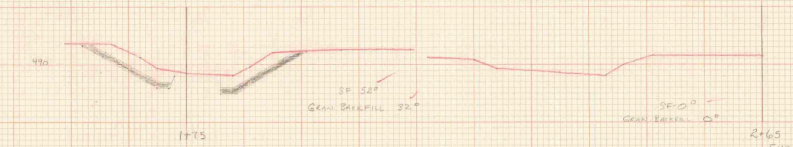
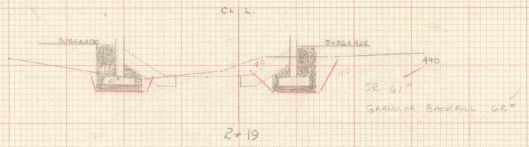
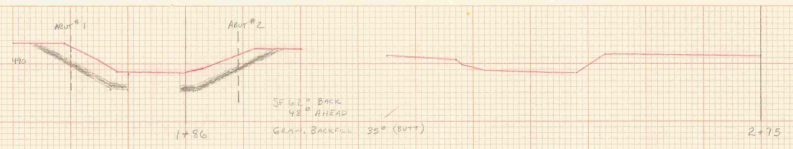
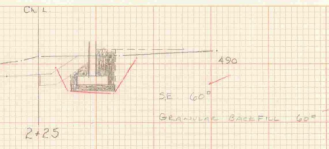
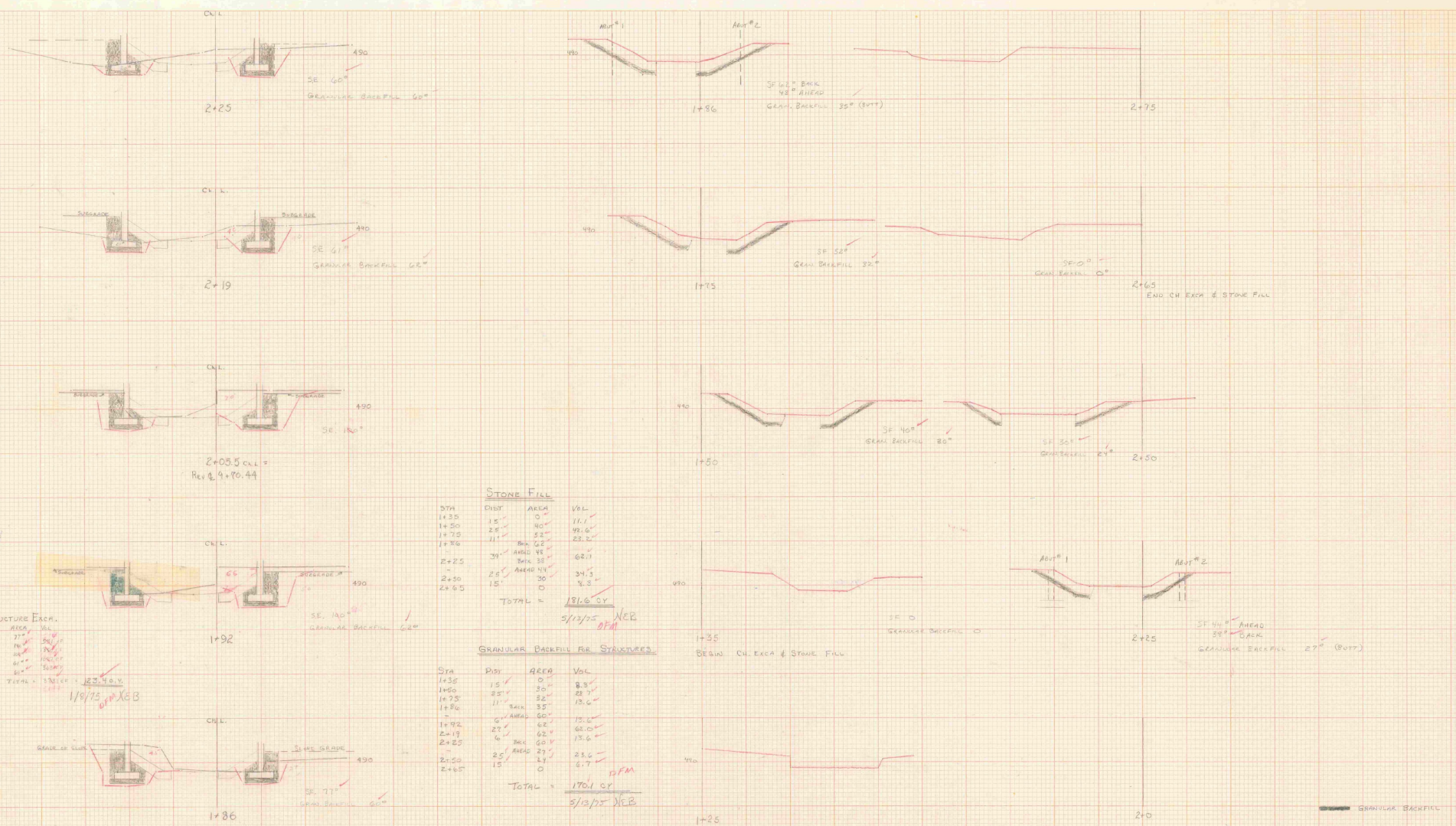
490

SA #5 SECTIONS

FROM STA. 11+50	TO STA. 13+00
PROJECT NAME	ARLINGTON SAS B2 OVER WARM BRO OK
NO.	SSAB8423
SURVEYED BY	COARSE
SHEET 3 OF 3	3 SHEETS
	PLOTTED 09/19/73
	09/73

SCALE 1" = 10 FEET

Plotted 7-2-75 bfm
plan 7-2-75 bfm



STRUCTURE EXCA.

STA	DEPT	AREA	VOL
1+86	6'	77'	462
1+92	13.5'	100'	1350
2+05.5	13.5'	60'	800
1+75	6'	80'	480
1+25	6'	80'	480
TOTAL			3572

1/10/75 XEB

STONE FILL

STA	DEPT	AREA	VOL
1+35	0'	0	0
1+50	15'	40	11.1
1+75	2.6'	40	48.6
1+86	11'	35	22.2
	20' AHEAD	48	62.1
2+25	20'	38	34.5
2+50	15'	30	13.5
2+65	0'	0	0
TOTAL			1816.0

5/13/75 XEB

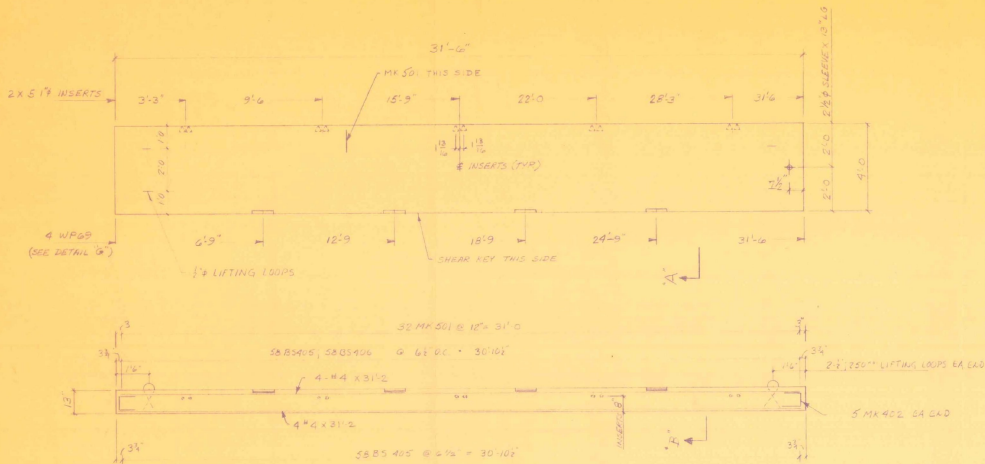
GRANULAR BACKFILL RE STRUCTURES

STA	DEPT	AREA	VOL
1+35	0'	0	0
1+50	15'	30	8.3
1+75	3.5'	32	38.7
1+86	11'	35	13.6
	20' AHEAD	60	75.6
2+19	20'	6	13.6
2+25	20'	6	13.6
2+50	20'	25	23.5
2+65	15'	0	0
TOTAL			170.1

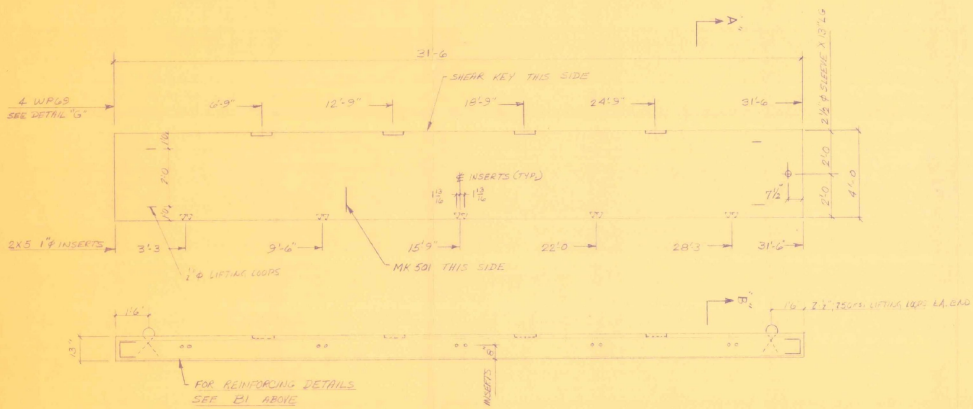
5/13/75 XEB

FOR X-SECTIONS, SEE BK 3, PG 115-120
XEB

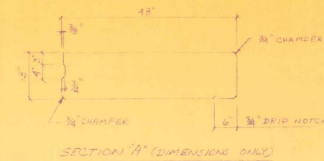
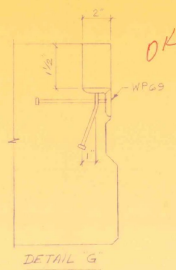
ARLINGTON
SSAB 8423
X-SECTION SHEET #1



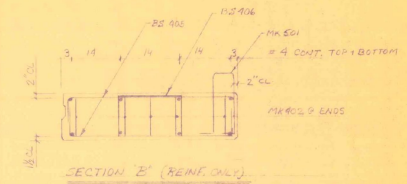
B1 OK'D



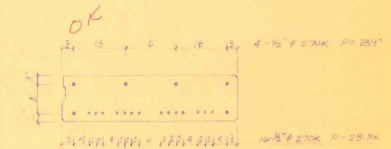
B2 OK'D



SECTION A (DIMENSIONAL ONLY)



SECTION B (REINFORCEMENT ONLY)



SECTION C (STRAND ONLY)

STATE COPY

RECEIVED JAN 30 1975
 OK'D BY *[Signature]*
 RESUBMITTED APPROVED
 E. PERKINS DATE 2/25/75

GENERAL NOTES:		DESIGN LOADINGS:		MATERIAL SPECIFICATIONS:	
1.	UNLESS WILL NOT BE RESPONSIBLE FOR BEARING DIMENSIONS AFTER SHOP DRAWINGS HAVE BEEN APPROVED. DIMENSIONS SHOWN ARE PRESUMED TO BE CORRECT.			CONCRETE: ALLIGATOR - 4000 PSI	
2.	CUSTOMER WILL PROVIDE DIMENSIONS AND LOCATION OF OPENINGS LARGER THAN 8 INCHES TO BE CAST IN UNITS. OPENINGS NOT SHOWN WILL BE CUT BY OTHERS.			STRAND: 5/16" DIA. 270,000 PSI	
3.	UNLESS WILL NOT SUPPLY INSERTS OR MISCELLANEOUS HARDWARE CONTAINED IN CAST IN PLACE WORK UNLESS SPECIFICALLY NOTED.			REBAR: #4 @ 20"	
4.	CUSTOMER WILL PROVIDE ADEQUATE CLEAR AREA TO AND WITHIN THE STRUCTURE FOR UNRESTRICTED OPERATION OF CRANES AND TRUCKS BY THE ERECTOR.			HARDWARE:	
5.	ERECTOR WILL REMOVE AND PATCH LIFTING EYES PROVIDED FOR ERECTOR.			FINISH: SAND/BLAST	
				NO DATE	

unistress

P.O. BOX 1145, PITTSFIELD, MASSACHUSETTS, 01201 (415) 499-1441

PRECAST STRUCTURAL CONCRETE — MEMBER PRESTRESSED CONCRETE INSTITUTE

UNISTRESS BRIDGE SALES GROUP WORK BOOK

SCALE OF VARIANTS, DEPT. OF HIGHWAYS, ENGINEER

SEE THESE SHEETS ON

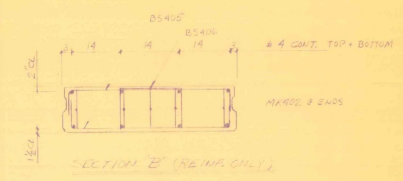
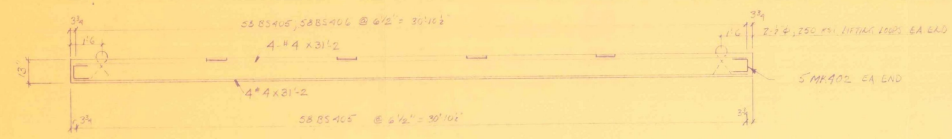
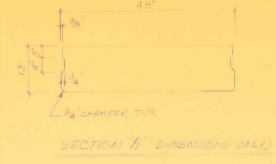
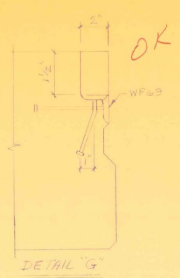
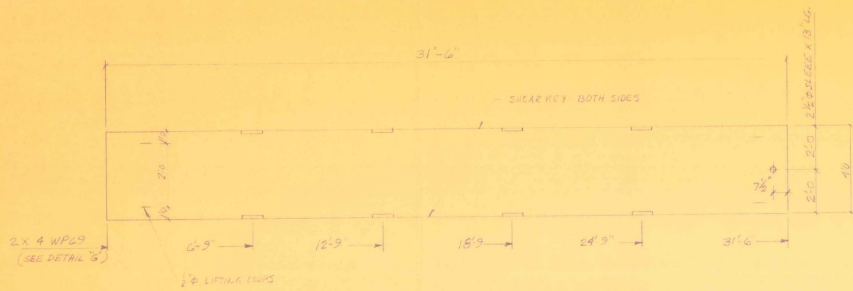
DATE 1-30-75

SCALE 3/8" = 1'-0"

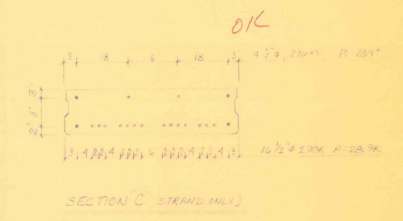
CHKD: [Signature] DPTM: [Signature]

JOB NO. 1424

DWG. NO. 71



E 3 (4) REVD.



STATE COPY

RECEIVED JAN 30 1975
 CK'D BY VP CK'D BY PH
 RESUBMIT APPROVED
 BY E. PERKINS DATE 2/25/75

GENERAL NOTES:

- UNISTRESS WILL NOT BE RESPONSIBLE FOR BEARING DIMENSIONS AFTER SHOP DRAWINGS HAVE BEEN APPROVED. DIMENSIONS SHOWN ARE PRESUMED TO BE CORRECT.
- CUSTOMER WILL PROVIDE DIMENSIONS AND LOCATION OF OPENINGS LARGER THAN 8 INCHES TO BE CAST IN UNITS. OPENINGS NOT SHOWN WILL BE CUT BY OTHERS.
- UNISTRESS WILL NOT SUPPLY INSERTS OR MISCELLANEOUS HARDWARE CONTAINED IN CAST IN PLACE WORK UNLESS SPECIFICALLY NOTED.
- CUSTOMER WILL PROVIDE ADEQUATE CLEAR AREA TO AND WITHIN THE STRUCTURE FOR UNRESTRICTED OPERATION OF CRANES AND TRUCKS BY THE ERECTOR.
- ERECTOR WILL REMOVE AND PATCH LIFTING EYES PROVIDED FOR ERECTION.

DESIGN LOADINGS:		MATERIAL SPECIFICATIONS:	
CONCRETE:	STRENGTH - 4000 PSI	CONCRETE:	STRENGTH - 4000 PSI
STRAND:	16 #5 @ 21'-2"	REBAR:	4000 PSI
HARDWARE:		FINISH:	SMOOTH FLEAT
NO.	DATE	NO.	DATE

unistress

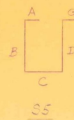
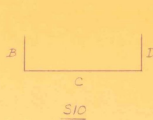
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PRECAST STRUCTURAL CONCRETE — MEMBER PRESTRESSED CONCRETE INSTITUTE

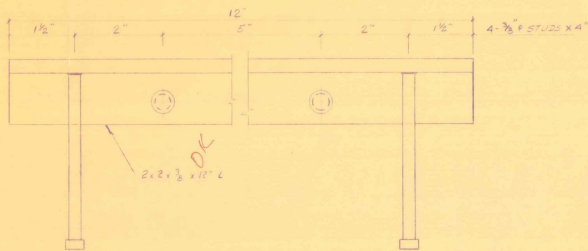
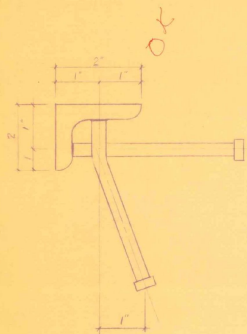
REVISIONS

DATE:	1-3-75
SCALE:	3/8" = 1'-0"
CHECKED:	DFM
JOB NO.:	7423
DWG. NO.:	P2

REBAR SCHEDULE GRADE 40																	
ITEM NO.	MARK	SIZE	LENGTH	WEIGHT	TYPE	A	B	C	D	E	F/R	G	H	J	K	O	CHECKING DOC.
1	596	BS 405	*4	5'-2"	S10		9"	3'-8"	9"								
2	64	MH 501	*5	4'-9"	S5	6"	1'-9"	7"	1'-7"			6"					
3	60	MK 402	*4	6'-8"	S10		3'-0"	8"	3'-0"								
4	348	BS 406	*4	2'-10"	S10		9"	1'-3"	9"								



MISC.		
ITEM NO.	DESCRIPTION	REMARKS
1	48 *4x31'-2	GRADE 40
2	6 2 1/2" SLEEVES x 10"	
3	12 6 1/2" x 3-11/2"	FABCO SA47
4	40 WPG9	SEE DETAIL
5	40 1" INSERTS	RICMOND EC-2W
6	20 2" x 3" x 10" R.S.	
7		



WPG9

M

STATE COPY

RECEIVED JAN 30 1975
 CR'D BY WPS OK'D BY EPH
 REQUIRED APPROVED BY E. PERKINS DATE 2/27/75

GENERAL NOTES:
 1. UNISTRESS WILL NOT BE RESPONSIBLE FOR FINISH DIMENSIONS AFTER SHOP CUTTING UNLESS SPECIALLY APPROVED. DIMENSIONS SHOWN ARE PRESUMED TO BE CORRECT.
 2. CUSTOMER WILL PROVIDE DIMENSIONS AND LOCATION OF OPENINGS LARGER THAN 8 INCHES TO BE CAST IN UNITS. OPENINGS NOT SHOWN WILL BE CUT BY OTHERS.
 3. UNISTRESS WILL NOT SUPPLY INSERTS OR MISCELLANEOUS HARDWARE CONTAINED IN CAST IN PLACE WORK UNLESS SPECIALLY NOTED.
 4. CUSTOMER WILL PROVIDE ADEQUATE CLEAR AREA TO AND WITHIN THE STRUCTURE FOR UNRESTRICTED OPERATION OF CRANES AND TRUSSES BY THE RECTOR.
 5. RECTOR WILL REMOVE AND PATCH UPON EYES RECOVERED FOR ERECTION.

DESIGN LOADINGS		MATERIAL SPECIFICATIONS	
CONCRETE		CONCRETE	
STRAND		STRAND	
REBAR		REBAR	
HARDWARE		HARDWARE	
FINISH		FINISH	
NO.	DATE	NO.	DATE

unistress

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 PRECAST STRUCTURAL CONCRETE — MEMBER PRESTRESSED CONCRETE INSTITUTE

DATE	SCALE
CHKD BY	DATE
DATE	DATE
DWG. NO.	

W

Vermont Agency of
Transportation
PHASE 1-INTERSTATE
#122302-01
Box 906

INITIALS

DONE

M
Arlington SSMB 8423 1 of 1
1975