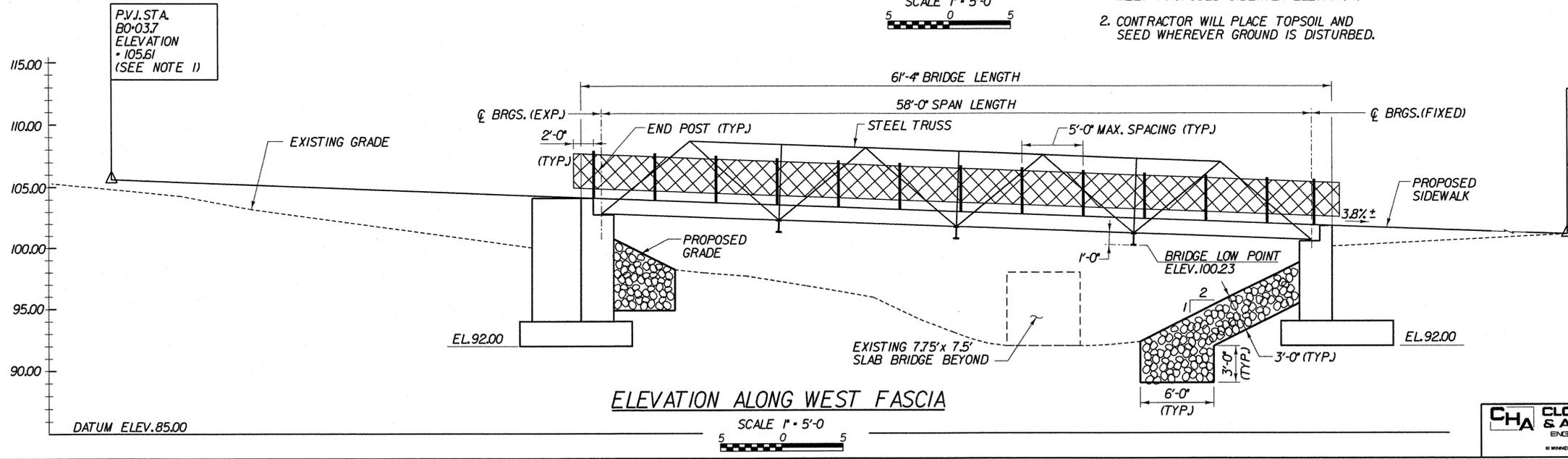
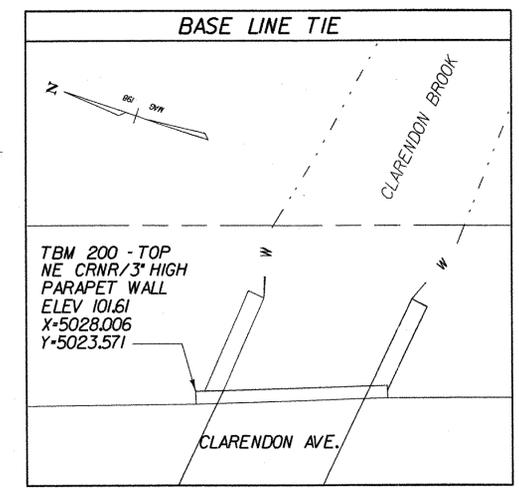


PLAN
SCALE 1" = 5'-0"

- NOTES:
 1. MEET PROPOSED SIDEWALK ELEVATION.
 2. CONTRACTOR WILL PLACE TOPSOIL AND SEED WHEREVER GROUND IS DISTURBED.



ELEVATION ALONG WEST FASCIA
SCALE 1" = 5'-0"



**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	WEST RUTLAND	Bridge No.	xx
Highway No.	CLARENDON AVE.	Log Sta.	
		Surv. Sta.	

PEDESTRIAN BRIDGE OVER CLARENDON BROOK

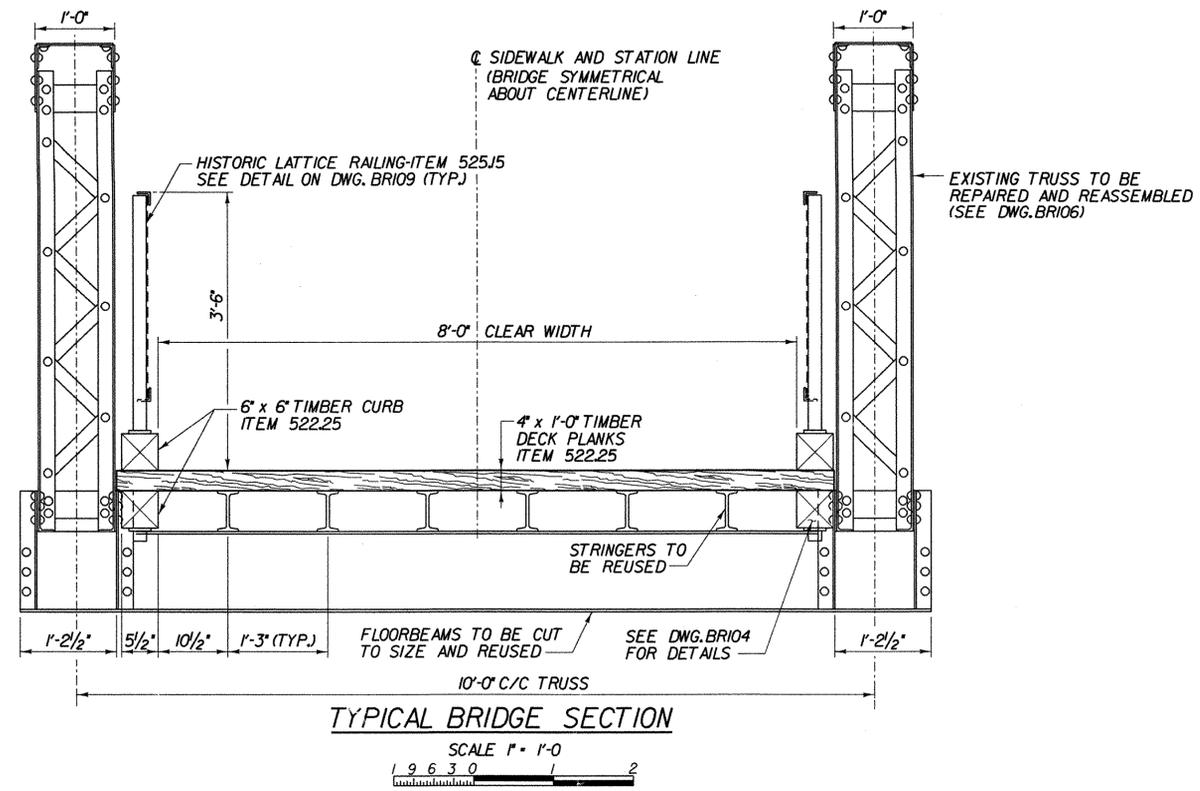
Designed By	L. HARDEN	Drawn by	Wm WEATHERBY
Checked By	M. OLSTAD	Bridge Design Supervisor	M. OLSTAD
Date	4/2002	Date	4/2002

PROJECT	WEST RUTLAND	PROJECT NO.	ST WALK (III)
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I.G.C. Info.
 Bridge Sheet No. BR100
 Sheet 2 OF 12

CHA CLOUGH, HARBOUR & ASSOCIATES LLP
 ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
 WINNERS CIRCLE ALBANY, NEW YORK 12205

FILE NAME: s:\18224\WSTIN\18224\FLEL.PLT
 DATE/TIME: 11/01/02
 USER: z461



TYPICAL BRIDGE SECTION

SCALE 1" = 1'-0"
1 9 6 3 0 1 2

FINAL HYDRAULICS REPORT

HYDROLOGIC DATA

DRAINAGE AREA: SEE NOTE
 CHARACTER OF TERRAIN: _____
 CHARACTER & TYPE OF STREAM: _____
 NATURE OF STREAMBED: _____
 02.33+ _____ 050+ _____
 010+ _____ 0100+ _____
 025+ _____ 0500+ _____
 DATE OF FLOOD OF RECORD: _____
 WATER SURFACE ELEV.: _____ ESTIMATED DISCHARGE: _____
 NATURAL STREAM VELOCITY @ FLOOD OF RECORD _____
 ICE CONDITIONS: _____ DEBRIS: _____
 DOES THE STREAM REACH MAXIMUM HIGHWATER ELEVATION RAPIDLY? _____
 IS ORDINARY RISE RAPID? _____
 IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS? _____
 IF YES, DESCRIBE: _____
 WATERSHED STORAGE: HEADWATERS: _____ UNIFORM THROUGHOUT WATERSHED _____
 IMMEDIATELY ABOVE SITE _____

EXISTING STRUCTURE

STRUCTURE TYPE: N/A YEAR BUILT: _____
 CLEAR SPAN NORMAL TO STREAM: _____
 VERTICAL CLEARANCE ABOVE STREAMBED: _____
 WATERWAY OF FULL OPENING: _____
 DISPOSITION OF STRUCTURE: _____
 TYPE OF MATERIAL UNDER SUBSTRUCTURE: _____
 WATER SURFACE ELEV. @ 02.33+ _____ VELOCITY+ _____
 010+ _____ + _____
 025+ _____ + _____
 050+ _____ + _____
 0100+ _____ + _____
 LONG TERM STREAM BED CHANGES: _____
 IS THE ROADWAY OVERTOPPED BELOW THE 0100? _____ FREQUENCY: _____
 RELIEF ELEVATION: _____ DISCHARGE OVER ROAD @ 0100: _____
 UPSTREAM STRUCTURE #1 TOWN: _____ DISTANCE: _____
 HIGHWAY NO.: _____ STRUCTURE NO.: _____
 STRUCTURE TYPE: _____
 CLEAR SPAN: _____ CLEAR HEIGHT: _____
 YEAR BUILT: _____ FULL WATERWAY: _____
 UPSTREAM STRUCTURE #2 TOWN: _____ DISTANCE: _____
 HIGHWAY NO.: _____ STRUCTURE NO.: _____
 STRUCTURE TYPE: _____
 CLEAR SPAN: _____ CLEAR HEIGHT: _____
 YEAR BUILT: _____ FULL WATERWAY: _____
 DOWNSTREAM STRUCTURE: TOWN: WEST RUTLAND DISTANCE: 10 FEET
 HIGHWAY NO.: _____ STRUCTURE NO.: _____
 STRUCTURE TYPE: FLAT SLAB
 CLEAR SPAN: 7.75 FEET CLEAR HEIGHT: 7.0 FEET
 YEAR BUILT: UNKNOWN FULL WATERWAY: _____

PROPOSED STRUCTURE

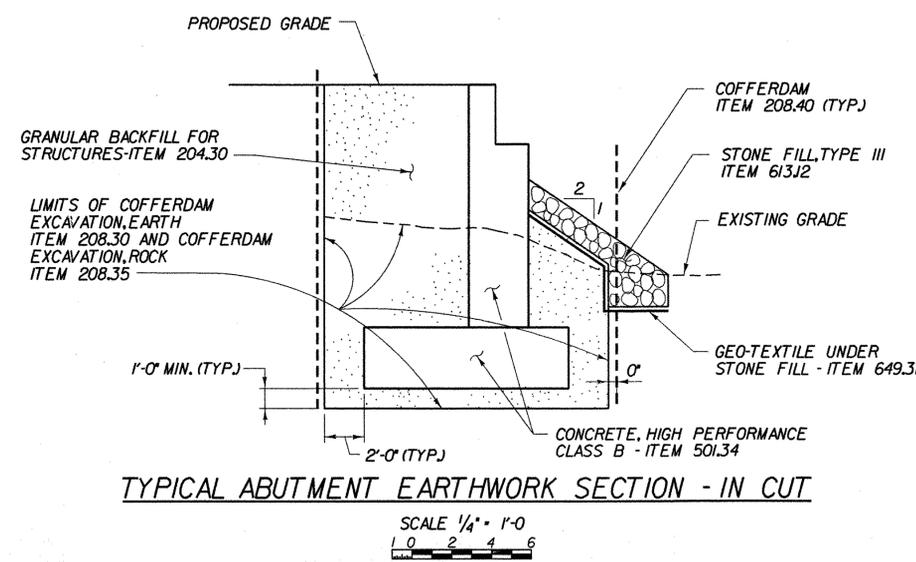
STRUCTURE TYPE: WARREN PONY TRUSS - ADAPTIVE REUSE OF HISTORIC TRUSS
 VERTICAL CLEARANCE ABOVE STREAMBED: 7'-5"
 WATERWAY OF FULL OPENING: _____
 WATER SURFACE ELEV. @ 02.33+ _____ VELOCITY = N/A
 010 = _____ + _____
 025 = _____ + _____
 050 = _____ + _____
 0100 = _____ + _____
 IS THE ROADWAY OVERTOPPED BELOW THE 0100? _____ FREQUENCY: _____
 RELIEF ELEVATION: _____ DISCHARGE OVER ROAD @ 0100: _____
 AVERAGE LOW ELEVATION OF SUPERSTRUCTURE: _____
 VERTICAL CLEARANCE @ 0100 = _____
 SCOUR: _____
 REQUIRED CHANNEL PROTECTION: _____

PERMIT INFORMATION

AVERAGE DAILY FLOW: _____ DEPTH: _____
 ORDINARY LOW WATER: _____ DEPTH: 4 FEET
 ORDINARY HIGH WATER: 96.5 DEPTH: _____

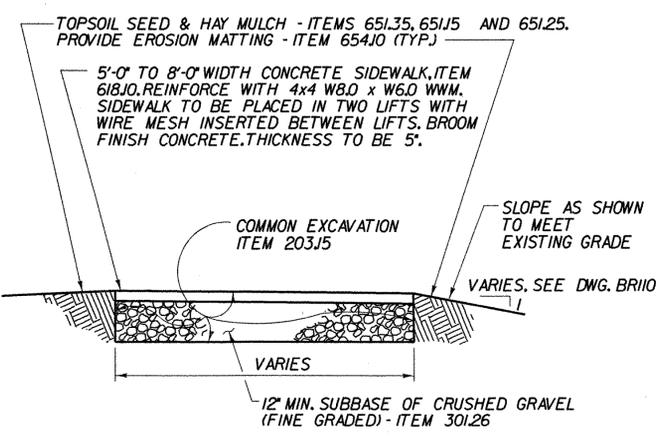
ADDITIONAL COMMENTS

PROPOSED BRIDGE HAS A SIGNIFICANTLY LARGER HYDRAULIC OPENING THAN THE EXISTING SLAB BRIDGE THAT IS IMMEDIATELY DOWNSTREAM OF THIS BRIDGE, AND THEREFORE NO HYDRAULIC DATA WAS GATHERED.



TYPICAL ABUTMENT EARTHWORK SECTION - IN CUT

SCALE 1/4" = 1'-0"
1 0 2 4 6



TYPICAL SIDEWALK DETAIL

(NOT TO SCALE)

DESIGN CRITERIA:
 1. DESIGN LIVE LOAD ASHTO H-10 TRUCK LOAD, 85 PSF PEDESTRIAN LOAD
 2. DESIGN SPAN 58'-0"
 3. ALLOWABLE LOAD FOR SPREAD FOOTINGS ON SOIL 21SF _____ ON LEDGE _____ ESTIMATED LENGTH _____
 4. ALLOWABLE LOAD FOR PILING N/A
 5. STRUCTURAL STEEL M 270 GRADE 36
 6. REINFORCING STEEL 60 KSI
 7. CONCRETE HIGH PERFORMANCE CLASS B - f'c = 3500 PSI
 TRAFFIC MAINTENANCE:
 1. IS TRAFFIC TO BE MAINTAINED? N/A IF YES, ON EXISTING STRUCTURE _____ OR ON TEMPORARY BRIDGE _____
 2. TEMPORARY BRIDGE REQUIREMENTS: ONE OR TWO WAY _____ TRAFFIC CONTROL SIGNALS REQUIRED _____
 MINIMUM CLEAR SPAN NORMAL TO STREAM: _____ VERTICAL CLEARANCE ABOVE STREAMBED: _____
 WATERWAY OF FULL OPENING: _____
 ARE SIDEWALKS REQUIRED? _____ IF SO, ON WHAT SIDE? _____
 STRUCTURE TYPE: _____

LOADING LEVELS (LOAD FACTOR)	LOAD FACTOR LOAD RATING (TONS)						
	H	HS	3S2	6 AXLE	3A,STR.	4A,STR.	5A,SEMI
INVENTORY A = 2.17; B = 1.00	H14						
POSTED A = 1.55; B = 1.40							
OPERATING A = 1.30; B = 1.67	H21						

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town of WEST RUTLAND Bridge No. XX
 Highway No. CLARENDON AVE. Log Sta. _____
 Surv. Sta. 120+00

PEDESTRIAN BRIDGE OVER CLARENDON BROOK

PRELIMINARY INFORMATION
 Designed By: L. HARDEN Drawn by: Wm WEATHERBY
 Checked By: M. OLSTAD Date: 4/2002 Bridge Design Supervisor: _____ Date: 4/2002
 PROJECT: WEST RUTLAND PROJECT NO. _____
 ST WALK (II)

I.G.C. Info. _____
 Bridge Sheet No. BR101 Sheet 3 OF 12

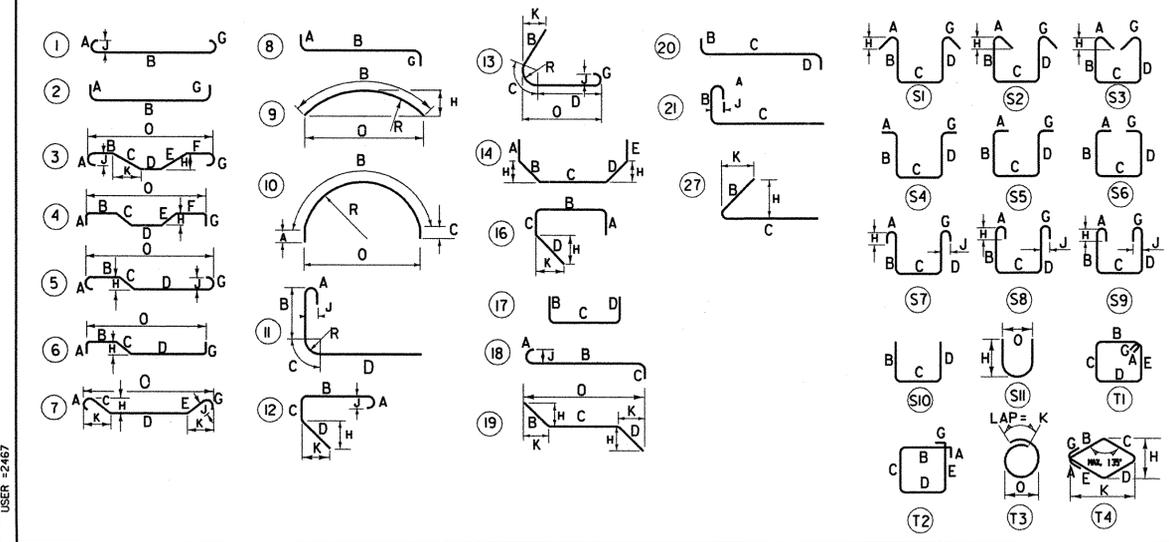


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 DATE/TIME: 11/13/02
 USER: z467

BRIDGE QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION
STRUCTURES DIVISION

ITEM NO.	ITEM	UNIT	QUANTITY BREAKDOWN				TOTAL	FINAL
			SUPER STRUCTURE	ABUTMENT 1	ABUTMENT 2	MISC.		
201J0	CLEARING AND GRUBBING (INCL. INDIVIDUAL TREES & STUMPS)	LS				1	1	
203J5	COMMON EXCAVATION	CY		56	25	23	104	
204.30	GRANULAR BACKFILL FOR STRUCTURES	CY		89	66		155	
208.30	COFFERDAM EXCAVATION, EARTH	CY		80	80		160	
208.35	COFFERDAM EXCAVATION, ROCK	CY		20	20		40	
208.40	COFFERDAM (STA.B0+46.67)	LS		1			1	
208.40	COFFERDAM (STA.B1+04.67)	LS			1		1	
301.26	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	CY				16	16	
501.34	CONCRETE, HIGH PERFORMANCE CLASS B	CY		30	22		52	
502J0	SHORING SUPERSTRUCTURE	LS	1				1	
506.60	STRUCTURAL STEEL	Lb	1300				1300	
506.75	STRUCTURAL STEEL	LS	1				1	
507J5	REINFORCING STEEL	Lb		3613	2136		5749	
513.30	STRUCTURAL PAINTING, FIELD APPLIED (16.5T)	LS	1				1	
513.36	CONTAINMENT AND ENVIRONMENTAL PROTECTION, FIELD (16.5T)	LS	1				1	
513.41	SURFACE PREPARATION, FIELD (16.5T)	LS	1				1	
514J0	WATER REPELLANT	GAL		1	1		2	
522.25	STRUCTURAL LUMBER AND TIMBER (TREATED)	MFBM	2.5				2.5	
525J5	METAL HAND RAILING	LF	123				123	
531J0	BEARING DEVICE ASSEMBLY (EXP. @ ABUT.1)	EA	2				2	
531J0	BEARING DEVICE ASSEMBLY (FIXED @ ABUT.2)	EA	2				2	
613J2	STONE FILL, TYPE III	CY		72	36		108	
618J0	PORTLAND CEMENT SIDEWALK, 5 INCH	SY				50	50	
620.50	REMOVING AND RESETTING FENCE	LF				21	21	
621.505	MANUFACTURED TERMINAL SECTION	EA				1	1	
621.80	REMOVAL AND DISPOSAL OF GUARDRAIL	LF				27	27	
621.81	REMOVAL AND DISPOSAL OF GUIDE POSTS	EA				4	4	
631J6	TESTING EQUIPMENT - CONCRETE	LS				1	1	
631J8	TESTING EQUIPMENT - PROTECTIVE COATING	LS				1	1	
635J0	MOBILIZATION	LS				1	1	
649.31	GEOTEXTILE UNDER STONE FILL	SY		35	17		52	
649.51	GEOTEXTILE FOR SILT FENCE	SY				34	34	
651J5	SEED	LB				25	25	
651J7	SEED - WINTER RYE	Lb				25	25	
651J8	FERTILIZER	Lb				10	10	
651.20	AGRICULTURAL LIMESTONE	TON				0.10	0.10	
651.25	HAY MULCH	TON				0.25	0.25	
651.26	HAY BALS FOR EROSION CONTROL	EA				34	34	
651.30	SODDING	SY				54	54	
651.35	TOPSOIL	CY				15	15	
654J0	EROSION MATTING	SY				255	255	



BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIAMETER INCHES	CROSS SECTIONAL AREA SQ. INCHES	PERIMETER INCHES
*3	.376	.375	.11	1.178
*4	.668	.500	.20	1.571
*5	1.043	.625	.31	1.963
*6	1.502	.750	.44	2.356
*7	2.044	.875	.60	2.749
*8	2.670	1.000	.79	3.142
*9	3.400	1.128	1.00	3.544
*10	4.303	1.270	1.27	3.990
*11	5.313	1.410	1.56	4.430
*14	7.65	1.693	2.25	5.320
*18	13.60	2.257	4.00	7.090

MARK	NO. PIECES	SIZE	LENGTH IN.	TYPE	WEIGHT LBS.	A	B	C	D	E	F	G	H
ABUTMENT 1													
* IA501	73	5	104	STR	660								
IA502	16	5	45	STR	63								
IA503	26	5	137	2	310	12	125					0	
IA504	16	5	104	STR	145								
* IA505	26	5	174	STR	394								
IA506	14	5	75	SIO	91		24	27	24				
IA507	14	5	73	SIO	88		33	7	33				
IA508	22	5	48	SIO	92		24	24	0				
ABUTMENT 2													
2A501	72	5	104	STR	650								
* 2A502	17	5	45	STR	67								
* 2A503	31	5	110	2	296	12	98					0	
2A504	18	5	77	STR	121								
2A505	23	5	174	STR	348								
2A506	14	5	75	SIO	91		24	27	24				
2A507	18	5	73	SIO	114		33	7	33				
2A508	4	5	52	SIO	18		24	28	0				
2A509	4	5	27	STR	10								
2A510	16	5	75	SIO	105		24	27	24				
2A511	18	5	210	STR	329								
ABUTMENT 1 WINGWALLS													
* W601	37	6	210	STR	973								
W501	14	5	45	STR	55								
* W502	15	5	116	STR	152								
* W602	17	6	149	2	317	12	137					0	
W503	10	5	77	SIO	67		33	11	33				
* W504	41	5	74	STR	264								
W505	8	5	54	STR	36								

* DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES

- NOTES:**
- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO.18 SHALL CONFORM TO BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT, AASHTO M 31 (ASTM A 615-S1). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
 - FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
 - ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.

FILE NAME = W:\0224\N15\N15R\QUA-SHT.PLT
DATE/TIME = 11/13/02
USER = 2467

CHA CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS
MEMBERS: OROLOGE ALBANY, NEW YORK, 12205

STATE OF VERMONT		
AGENCY OF TRANSPORTATION		
Town of WEST RUTLAND	Bridge No. XX	Log Sta.
Highway No. CLARENDON AVE.		Surv. Sta.
PEDESTRIAN BRIDGE OVER CLARENDON BROOK		
QUANTITIES AND BAR LIST		
Designed By: L. HARDEN	Drawn by: Wm. WEATHERBY	
Checked By: M. OLSTAD	Date: 4/2002	Bridge Design Supervisor: M. OLSTAD Date: 4/2002
PROJECT: WEST RUTLAND	PROJECT NO.:	ST WALK (W)
I.G.C. Info.		
Bridge Sheet No. BR102		Sheet 4 OF 12

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SIXTEENTH EDITION, AND ITS LATEST REVISIONS.
2. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT SILTATION OR POLLUTION, ESPECIALLY THE DISCHARGE OF RAW CONCRETE, FUEL AND/OR LUBRICANTS, INTO ANY BROOK, STREAM OR RIVER. ANY MATERIALS WHICH ESCAPE THE CONTRACTOR EFFORTS OF PREVENTION SHALL BE IMMEDIATELY AND ENTIRELY CLEANED UP OR REMOVED.
3. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL, AIR, GROUND AND WATER POLLUTION CONTROL REGULATIONS, HEALTH AND SAFETY REGULATIONS AND TRANSPORTATION REGULATIONS WHEN CLEANING, HANDLING, MOVING, PAINTING, CUTTING, WELDING, SANDING OR GRINDING ANY COATED OR TREATED MATERIAL.
4. IT IS ANTICIPATED THAT THE MAJORITY OF THE WORK TO RESTORE THE TRUSSES AND INSTALL THE BRIDGE WILL TAKE PLACE AWAY FROM ANY TRAFFIC. SHOULD ANY OF THE CONSTRUCTION ACTIVITIES AFFECT THE TRAVELING PUBLIC, THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SIGNING AND TRAFFIC CONTROL NECESSARY TO ASSURE SAFE MOVEMENT OF TRAFFIC IN ACCORDANCE WITH VAOT SPECIFICATION SECTION 64I. THE COST SHALL BE INCIDENTAL TO THE ITEMS IN THE CONTRACT.
5. THE FOLLOWING TABLE OF ALLOWABLE STRESSES APPLY TO THESE PLANS FOR DESIGN PURPOSES:

NEW STRUCTURAL STEEL, AASHTO M-270 GRADE 36	F _y -36,000 PSI
	F _b -19,800 PSI
	F _v -17,000 PSI
CONCRETE, CLASS B, (HPC-B):	f' _c -3,500 PSI f _c -1,400 PSI
REINFORCING STEEL:	F _i -24,000 PSI GRADE 60
6. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL AND ARE GIVEN AT 68 DEGREES FAHRENHEIT UNLESS OTHERWISE NOTED.
7. THERE ARE NO HISTORICAL RECORD PLANS FOR THIS STRUCTURE. ALL DIMENSIONS HAVE BEEN CALCULATED AS ACCURATELY AS POSSIBLE. HOWEVER, THE CONTRACTOR IS ADVISED TO FIELD VERIFY DIMENSIONS TO ENSURE THE WORK CAN BE CONSTRUCTED AS PROPOSED BY THESE PLANS. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MATCH THE FINAL PRODUCT AS DESCRIBED IN THE PLANS WITH THE EXISTING FIELD CONDITION.
8. THE REHABILITATED STRUCTURE HAS BEEN DESIGNED FOR AN INVENTORY LOAD OF H-10.
9. NO UTILITY ADJUSTMENTS ARE ANTICIPATED BY THE PLANS FOR THE BRIDGE PROJECT. SHOULD ADJUSTMENTS OF THE UTILITIES FACILITIES BE DESIRED, PROPER ARRANGEMENTS SHALL BE MADE IN CONFORMANCE WITH SUBSECTION 105.07 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.
10. THE CONTRACTOR SHALL PREPARE A LEVEL AND SECURE STAGING AREA TO PERFORM REHABILITATION WORK ON THE TRUSS BRIDGE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SECURING THE STAGING AREA. THE EXISTING TRUSS IS STORED IN A VAOT YARD IN CLARENDON, VERMONT OFF OF ROUTE 7B. CONTRACTOR MAY PERFORM TRUSS REHABILITATION AND PAINTING IN THIS YARD. CONTRACTOR SHALL PROVIDE TRANSPORTATION OF THE TRUSS AND ALL COMPONENTS FROM THE CLARENDON VERMONT YARD TO THE PROPOSED WEST RUTLAND SITE. THE COST OF TRANSPORTATION SHALL BE INCLUDED IN ITEM 506.75. THE CONTRACTOR SHOULD NOTE THAT THE RIGHT TRUSS IS TAGGED WITH PINK SURVEY TAPE MARKERS AND THE LEFT TRUSS IS TAGGED WITH YELLOW SURVEY TAPE MARKERS.
11. THE CONTRACTOR SHALL SANDBLAST CLEAN, PER VAOT SPECIFICATION 513.4I, THE TRUSSES, FLOORBEAMS AND STRINGERS, SUPPORTING THEM IN AN UPRIGHT POSITION. UPON CLEANING STEEL, THE CONTRACTOR SHALL CONTACT THE ENGINEER TO INSPECT ALL STEEL MEMBERS FOR AREAS OF SIGNIFICANT SECTION LOSS DUE TO RUST OR DAMAGE.
12. THE CONTRACTOR SHALL USE GREAT CARE IN LIFTING, MOVING, AND TRANSPORTING THE TRUSSES TO AVOID DAMAGE TO THE BRIDGE. LIFTING THE TRUSSES FROM ANYWHERE ON THE BOTTOM CHORD, OR AT MIDDLE THIRD OF THE TOP CHORD SHALL BE AVOIDED TO PREVENT OVER STRESSING OF MEMBERS AND/OR STRESS REVERSALS IN THE TRUSS.
13. THE CONTRACTOR IS RESPONSIBLE FOR BRACING AND SECURING THE TRUSSES TO PROVIDE LATERAL STABILITY OF THE TRUSSES DURING REPAIR AND ASSEMBLY. ITEM 502J0, SHORING SUPERSTRUCTURE, SHALL BE FULL COMPENSATION FOR PROVIDING BRACING AND SHORING ACTIVITIES.
14. ALL REINFORCING STEEL SHALL BE DETAILED AND FABRICATED USING PROCEDURES AND TOLERANCES IN ACCORDANCE WITH APPLICABLE PUBLICATIONS OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) AND IN ACCORDANCE WITH SECTION 713 OF THE STANDARD SPECIFICATIONS.
15. ALL CONCRETE SHALL BE ITEM 501.34 CONCRETE, HIGH PERFORMANCE CLASS B UNLESS OTHERWISE NOTED.
16. REINFORCING PLACEMENT TOLERANCES SHALL BE: SPACING +/- 1" CLEARANCE +/- 1/4"

17. MINIMUM COVER FOR REINFORCING STEEL SHALL BE THREE INCHES (3") UNLESS OTHERWISE NOTED.
18. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" x 1".
19. SURFACES OF BRIDGE SEAT AREAS UNDER BEARING DEVICES SHALL BE LEVEL. OTHER BRIDGE SEAT AREAS SHALL BE SLOPED 1/4" PER FOOT TOWARDS MID-SPAN. THE ENTIRE BRIDGE SEAT SURFACE SHALL BE SMOOTH STEEL TROWEL FINISHED.
20. WATER REPELLANT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES.
21. ALL STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED USING PROCEDURES AND TOLERANCES IN ACCORDANCE WITH APPLICABLE PUBLICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
22. ALL STRUCTURAL STEEL, EXCEPT RAILINGS, ANCHOR BOLTS AND DECK BOLTS SHALL BE PAINTED GREEN (FEDERAL COLOR CHIP NO. 14062) AS DESCRIBED UNDER VERMONT SPECIFICATION SECTION 513 "PROTECTIVE COATINGS".
23. CHARPY V-NOTCH TESTING WILL NOT BE REQUIRED FOR ANY STEEL MEMBERS ON THIS PROJECT.
24. ALL NEW STRUCTURAL STEEL FOR THE TRUSS MEMBERS AND ASSOCIATED CONNECTION ANGLES SHALL CONFORM TO AASHTO M-270 GRADE 36.
25. ALL NEW STRUCTURAL STEEL COMPONENTS SUCH AS LATERAL BRACING ANGLES AND REPAIR PLATES SHALL BE PAID FOR AND INCLUDED UNDER ITEM 506.60 "STRUCTURAL STEEL". THE ASSEMBLY OF THE TRUSSES, STRINGERS, FLOORBEAMS AND REPAIR OF EXISTING BENT MEMBERS WILL BE PAID FOR UNDER ITEM 506.75.
26. ALL CONNECTIONS ON THE TRUSS ARE BELIEVED TO BE 3/4" INCH DIAMETER RIVETS IN 1 1/8" INCH HOLES. THE CONTRACTOR SHALL VERIFY DIAMETER OF ACTUAL RIVET OR BOLT SIZE BEFORE ORDERING REPLACEMENTS (SEE NOTES 28 AND 30).
27. ALL BOLTS IN THE TIMBER CURB AND TIMBER DECK SHALL MEET ASTM A-307 GALVANIZED. BOLTS SHALL BE TIGHTENED TO THE FULL EFFORT OF A WORKER WITH A WRENCH, BUT NOT SO TIGHT AS TO CRUSH THE WOOD OR BREAK THE CAST "C" CLIPS.
28. ALL BOLTS USED SHALL MEET AASHTO M164 (ASTM A 325 TYPE 1) HIGH STRENGTH BOLTS UNLESS NOTED OTHERWISE IN THE PLANS. ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED PER SUBSECTION 506.19 OF THE VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION.
29. THE CONTRACTOR IS REMINDED THAT ALL HARDWARE FOR CONNECTIONS IS NOT PAID FOR DIRECTLY BUT IS CONSIDERED SUBSIDIARY TO THE STRUCTURAL STEEL ITEM. THE CONTRACTOR IS URGED TO MAKE A DETAILED COUNT OF ALL HARDWARE NECESSARY AS REQUIRED TO COMPLETE THE WORK AS SHOWN ON THESE PLANS. BOLT LENGTHS SHALL BE FIELD VERIFIED BY THE CONTRACTOR TO ALLOW 1/2" INCH MINIMUM PROJECTION BEYOND THE NUT IN SNUG POSITION, AND HAVE SUFFICIENT THREAD LENGTH TO TIGHTEN AS MUCH AS NECESSARY.
30. ALL RIVETS REMOVED FROM THE TRUSS SHALL BE REPLACED WITH AASHTO M-164 (ASTM A 325 TYPE 1) HIGH STRENGTH BOLTS OF EQUIVALENT DIAMETER. ANY RIVET OR BOLT HOLES NOT OTHERWISE REPLACED SHALL BE FILLED WITH A HIGH STRENGTH BOLT.
31. ALL BOLT HOLES IN WOOD AND STEEL SHALL BE 1/16" LARGER THAN THE BOLT UNLESS NOTED OTHERWISE ON THE PLANS.
32. ANCHOR BOLTS FOR THE TRUSS AND STRINGERS AT THE EXPANSION ABUTMENT WILL HAVE A 1/8" GAP BETWEEN THE BOTTOM OF THE NUT AND THE TOP OF THE WASHER. BURR THE THREADS ON ALL ANCHOR BOLTS TO PREVENT REMOVAL OF THE NUTS.
33. AN ORNAMENTAL PEDESTRIAN RAILING SHALL BE USED ON THIS PROJECT. DETAILS FOR FABRICATION OF THIS ORNAMENTAL RAIL ARE SHOWN ON SHEET BR109. THIS WORK SHALL BE PAID FOR AS ITEM 525J5 METAL HAND RAILING.
34. ALL EXISTING STEEL TO REMAIN WILL BE CLEANED AND RECEIVE A PRIME COAT AND TWO TOP CATS IN ACCORDANCE WITH STATE OF VERMONT AGENCY OF TRANSPORTATION SUPPLEMENTAL SPECIFICATION 513 "PROTECTIVE COATINGS". THE FINAL TOP COAT SHALL BE AFTER THE BRIDGE IS IN PLACE AND ALL OTHER WORK IS COMPLETE. THE CONTRACTOR IS ALERTED THAT ALL EXISTING STEEL MAY CONTAIN LEAD BASED PAINT. APPROPRIATE PRECAUTIONS SHALL BE OBSERVED AS SPECIFIED IN ITEM 513.36.

35. THE ORNAMENTAL PEDESTRIAN RAILING ASSEMBLY WILL BE PAINTED IN ACCORDANCE WITH STATE OF VERMONT AGENCY OF TRANSPORTATION SUPPLEMENTAL SPECIFICATION SECTION 513 - PROTECTIVE COATINGS. THE RAIL IS TO RECEIVE A PRIME COAT AND A TOP COAT PRIOR TO ASSEMBLY.
36. TIMBER DECK PLANKS SHALL BE DRESSED OR ROUGH DRY SIZE 4 x 12 SOUTHERN PINE (NO. 2 OR BETTER).
37. TIMBER DECK PLANKS SHALL BE PLACED WITH A TIGHT JOINT BETWEEN PLANKS TO ALLOW FOR SEASONING SHRINKAGE. IF ACTUAL DECK PLANK TO BE INSTALLED ARE NOT ANTICIPATED TO SHRINK, THEN A 1/8" GAP SHALL BE LEFT BETWEEN PLANKS.
38. THE ITEM 522.25 STRUCTURAL LUMBER AND TIMBER (TREATED) IS FOR ALL THE WORK ASSOCIATED WITH THE LUMBER AND TIMBER NECESSARY TO CONSTRUCT THE BRIDGE AS DETAILED ON THESE PLANS, INCLUDING BUT NOT LIMITED TO CUTTING AND DRILLING.
39. LATERAL BRACING RODS SHALL BE CAREFULLY TIGHTENED SNUG TIGHT IN A MANNER THAT AVOIDS RACKING THE BRIDGE OUT OF SHAPE OR OUT OF SQUARE.
40. THE CONTRACTOR IS REQUIRED TO COORDINATE WORK AS NECESSARY WITH THE WATERLINE/SIDEWALK CONTRACTOR.
41. ASSEMBLY OF THE EXISTING TRUSS MEMBERS SHALL BE IN ACCORDANCE WITH SECTION 506 OF THE VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION.
42. TIMBER CURB SHALL BE DRESSED OR ROUGH DRY SIZE 6 x 6 SOUTHERN PINE (NO. 2 OR BETTER).
43. ALL HARDWARE (BOLTS, WASHERS, NUTS, "C" CLIPS, ETC) SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M-232 (ASTM A153) UNLESS OTHERWISE NOTED IN PLANS, WHERE REQUIRED, OVERSIZE NUTS SHALL BE PROVIDED FOR GALVANIZING. FASTENERS SHALL RECEIVE INTERMEDIATE AND FINAL COATS OF PAINT AFTER INSTALLATION.
44. THE BRIDGE RAILING SHALL BE PAINTED BLACK (FEDERAL COLOR CHIP NO. 27038) AS DESCRIBED UNDER VERMONT SPECIFICATION SECTION 513 "PROTECTIVE COATINGS". THE CONTRACTOR IS RESPONSIBLE FOR PAINTING ALL NEW STRUCTURAL STEEL, INCLUDING A PRIME COAT AND TWO TOP COATS, PAID FOR UNDER ITEMS 513.30, 513.36 AND 513.4I.

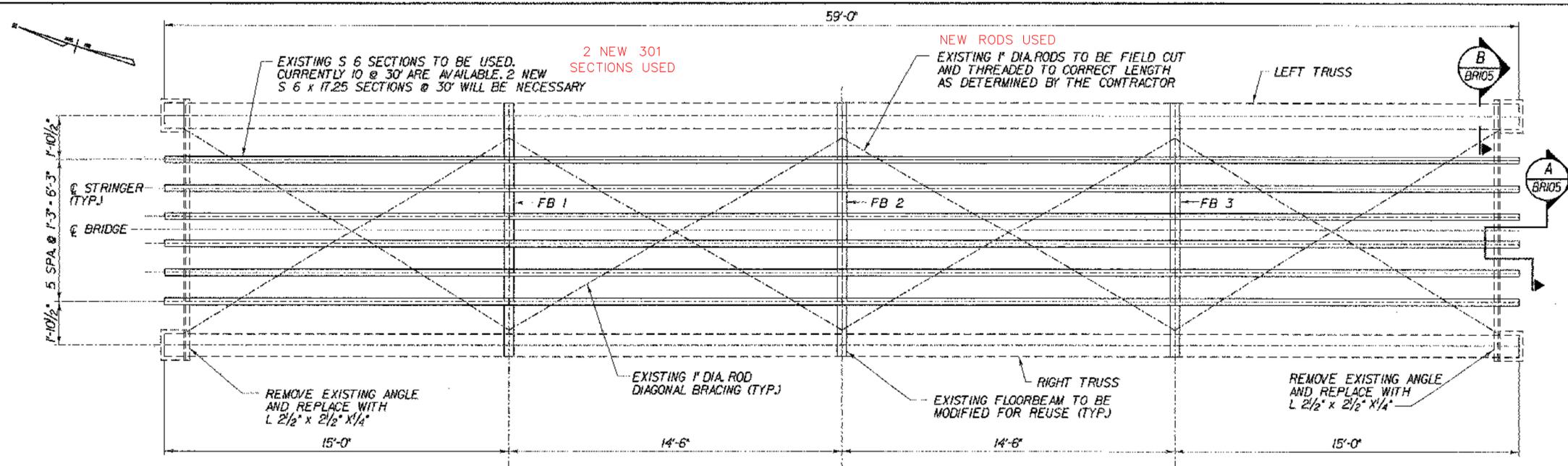
COFFERDAM NOTES

45. COFFERDAM LIMITS TO BE DETERMINED BY THE CONTRACTOR.
46. THE PAY LIMITS OF "COFFERDAM EXCAVATION", "ROCK" OR "EARTH" SHALL BE 2'-0" OUTSIDE THE PERIMETER OF THE FOOTING, UP TO EXISTING GROUND OR BOTTOM OF SUBBASE, WHICHEVER IS LOWER.
47. ONE FOOT UNDERCUT AS DETERMINED NECESSARY BY THE RESIDENT ENGINEER.
48. IF A COFFERDAM IS CONSTRUCTED WHICH IS LARGER THAN THE INDICATED COFFERDAM EXCAVATION PAY LIMITS, PAYMENT FOR ALL UNCLASSIFIED CHANNEL EXCAVATION, INCLUDING THAT PORTION WHICH IS INSIDE THE COFFERDAM BUT OUTSIDE THE COFFERDAM EXCAVATION PAY LIMITS, WILL BE MADE AT THE CONTRACT UNIT PRICE FOR UNCLASSIFIED CHANNEL EXCAVATION.

STATE OF VERMONT AGENCY OF TRANSPORTATION

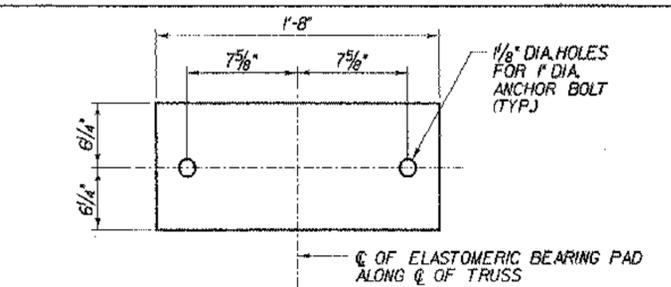
Town Of	WEST RUTLAND	Bridge No.	XX
Highway No.	CLARENDON AVE.	Log Sta.	
		Surv. Sta.	
PEDESTRIAN BRIDGE OVER CLARENDON BROOK			
GENERAL NOTES			
Designed By	L. HARDEN	Drawn by	Wm WEATHERBY
Checked By	M. OLSTAD	Bridge Design Supervisor	M. OLSTAD
	4/2002	Date	4/2002
PROJECT	WEST RUTLAND	PROJECT NO.	ST WALK (III)
I.G.C. Info.			
Bridge Sheet No.	BR103	Sheet	5 OF 12



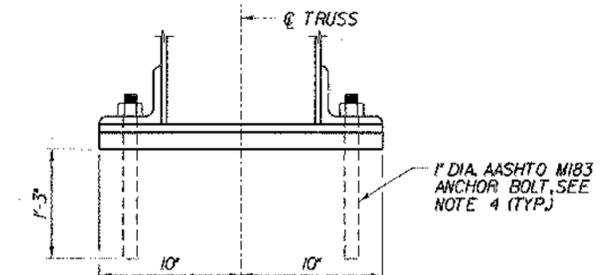


FRAMING PLAN

SCALE 3/8" = 1'-0"
0 1 2 3 4

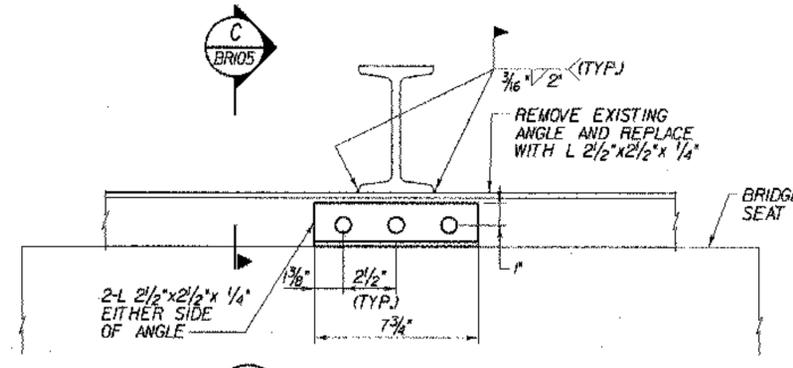


PLAN - PLAIN ELASTOMERIC BEARING (TYPE E.P.)
(NOT TO SCALE)



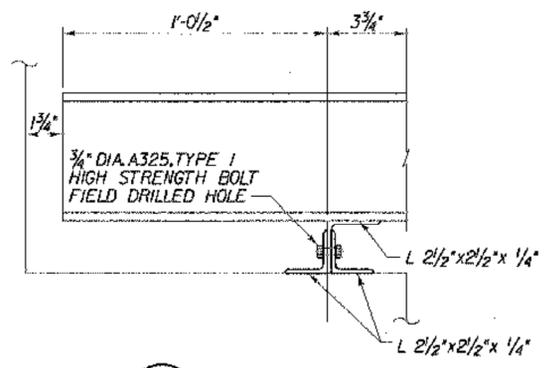
B BEARING SECTION
(NOT TO SCALE)

- NOTES:**
- IT IS ASSUMED THAT ALL EXISTING HOLES ARE 1 3/8" DIAMETER. THE CONTRACTOR SHOULD VERIFY THIS DIMENSION BEFORE ORDERING BOLTS.
 - CONTRACTOR SHALL REMOVE ALL CUT-OFFS BY CAREFULLY REMOVING ALL BOLTS OR RIVETS.
 - REPAIR OF EXISTING MEMBERS TO BE PAID FOR UNDER ITEM 506.60.
 - THE CONTRACTOR SHALL HAND TIGHTEN THE FIXED END ANCHOR BOLT NUT AND BURR THE THREADS ABOVE THE NUT. THE CONTRACTOR SHALL LEAVE A 1/8" GAP AT EXPANSION BOLTS BELOW THE NUT AND BURR THE THREADS ABOVE THE NUT. ANCHOR BOLTS, NUTS AND WASHERS SHALL CONFORM TO AASHTO M183, M291 AND F844, RESPECTIVELY.
 - REPOSITION OR REPLACE PLATES A.O.B.E.
 - CONTRACTOR SHALL VERIFY BEARING DIMENSIONS BEFORE ORDERING ELASTOMERIC PADS.
 - ASSEMBLY OF TRUSSES, FLOORBEAMS AND STRINGERS TO BE PAID FOR UNDER ITEM 506.75.
 - EXTRA CARE IS REQUIRED WHEN WELDING NEW STEEL TO OLD STEEL. THE WELDER SHALL PERFORM A TEST WELD ON SCRAP EXISTING OLD STEEL TO DEVELOP A QUALIFIED WELDING PROCEDURE. THIS PROCEDURE WILL INCLUDE THE ELECTRODE SIZE, AMPERE AND TRAVEL SPEED TO ASSURE CRACK FREE WELDS. THE WELDER SHALL HAVE AN AWS CERTIFICATION DESIGNATING THEM AS QUALIFIED IN THE APPROPRIATE CATEGORY FOR STRUCTURAL WELDING.



A TYPICAL STRINGER BEARING CONNECTION
BRI05

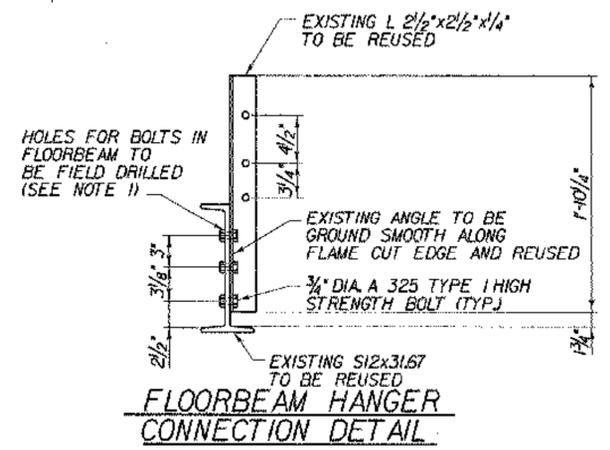
SCALE 3" = 1'-0"



C TYPICAL STRINGER BEARING CONNECTION
BRI05

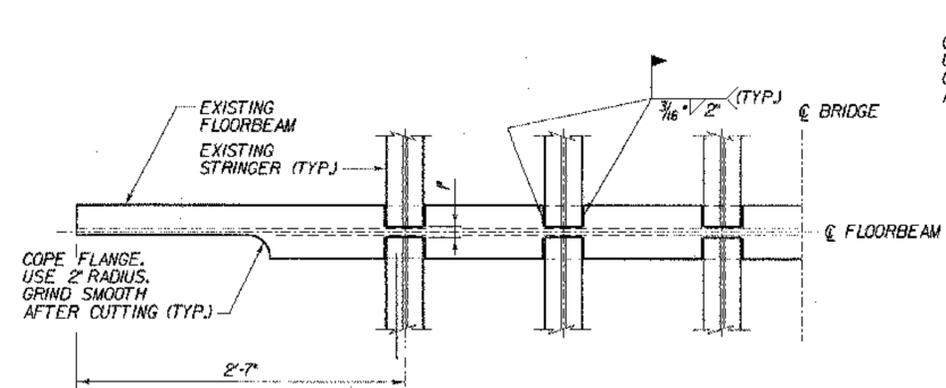
SCALE 3" = 1'-0"

SEE NOTE 2



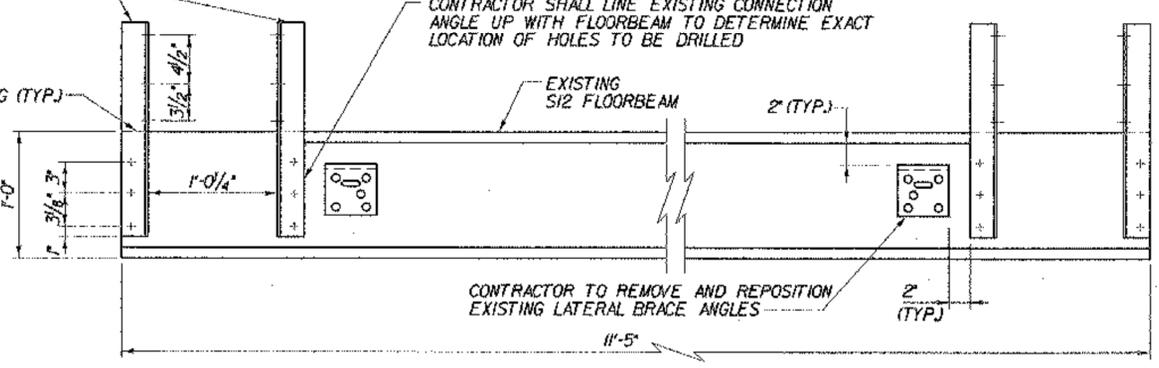
FLOORBEAM HANGER CONNECTION DETAIL

SCALE 1 1/2" = 1'-0"
0 3 6 9



FLOORBEAM & STRINGER CONNECTION PLAN

SCALE 1 1/2" = 1'-0"



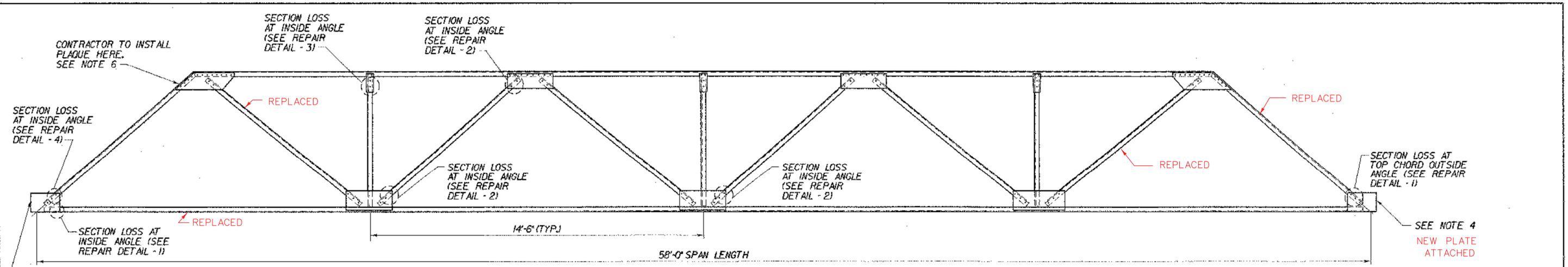
S12x31.67 FLOORBEAM ELEVATION

SCALE 1 1/2" = 1'-0"
0 3 6 9

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town of WEST RUTLAND	Bridge No. XX
Highway No. CLARENDON AVE.	Log Sta.
	Surv. Sta.
PEDESTRIAN BRIDGE OVER CLARENDON BROOK	
FRAMING PLAN AND DETAILS	
Designed By L. HARDEN	Drawn by Wm WEATHERBY
Checked By M. OLSTAD	Bridge Design Supervisor M. OLSTAD
Date 4/2002	Date 4/2002
PROJECT WEST RUTLAND	PROJECT NO. ST WALK 011
G.C. Info.	
Bridge Sheet No. BRI05	Sheet 7 OF 12

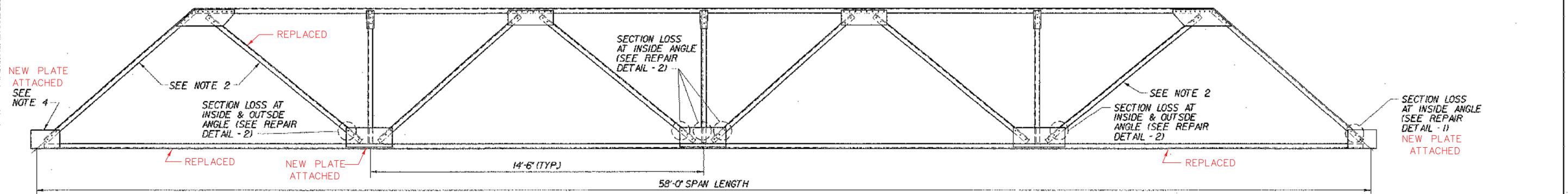
CHA CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
MEMBER: CIRCE ALBANY, NEW YORK, SEEDS



RIGHT TRUSS ELEVATION

SCALE 1/2" = 1'-0"
 0 1 2

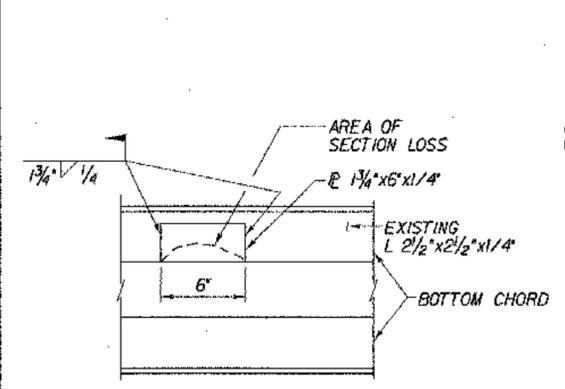
LEGEND:
 INSIDE ANGLE = ANGLE THAT FACES WALKWAY.



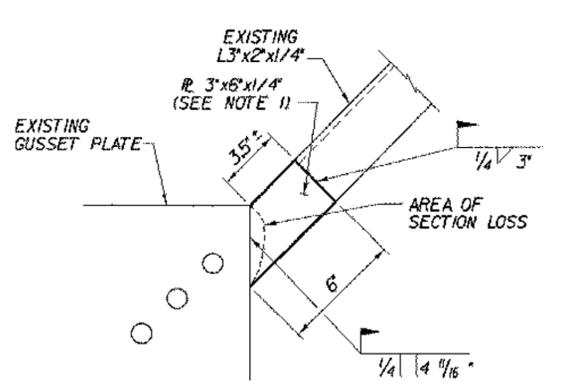
LEFT TRUSS ELEVATION

SCALE 1/2" = 1'-0"
 0 1 2

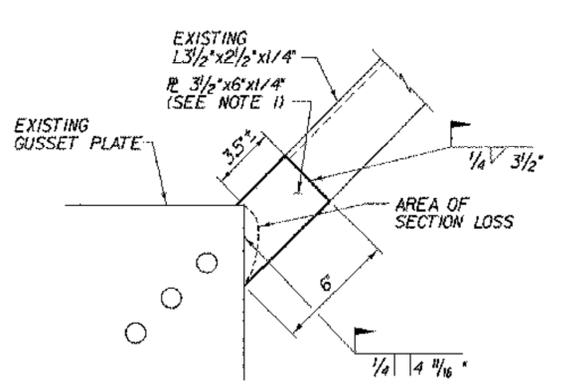
- NOTES:**
1. CONTRACTOR TO VERIFY EXISTING TRUSS DIMENSIONS BEFORE CUTTING PLATES.
 2. STRAIGHTEN BENT MEMBER AS PER VAOT SPECIFICATION 506J2(H).
 3. CONTRACTOR SHALL REMOVE AND REPLACE ANY RIVETS WITH SEVERE SECTION LOSS AS PER ENGINEER.
 4. STRAIGHTEN BENT PLATE AS PER VAOT SPECIFICATION 506J2(H).
 5. AFTER TRUSS IS BLAST CLEANED, ENGINEER SHALL INSPECT AND DETERMINE IF ADDITIONAL STRENGTHENING IS REQUIRED.
 6. CONTRACTOR TO INSTALL PLAQUE AT LOCATION SHOWN. VAOT WILL PROVIDE PLAQUE AND HARDWARE. A GASKET SHALL BE INSTALLED BETWEEN PLAQUE AND TRUSS AND BOLT SLEEVES SHALL BE USED. PAYMENT FOR THIS ITEM SHALL BE INCLUDED IN ITEM 506.75.



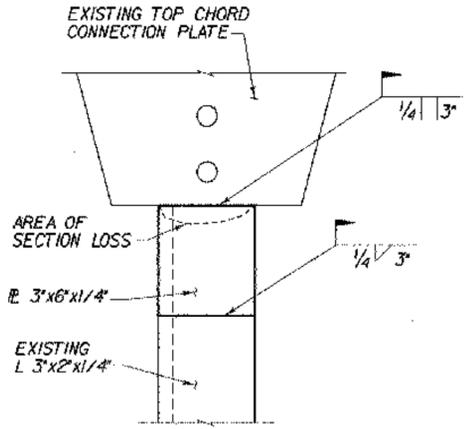
REPAIR DETAIL - 1 (PLAN VIEW)
 (NOT TO SCALE)



REPAIR DETAIL - 2
 (NOT TO SCALE)



REPAIR DETAIL - 4
 (NOT TO SCALE)

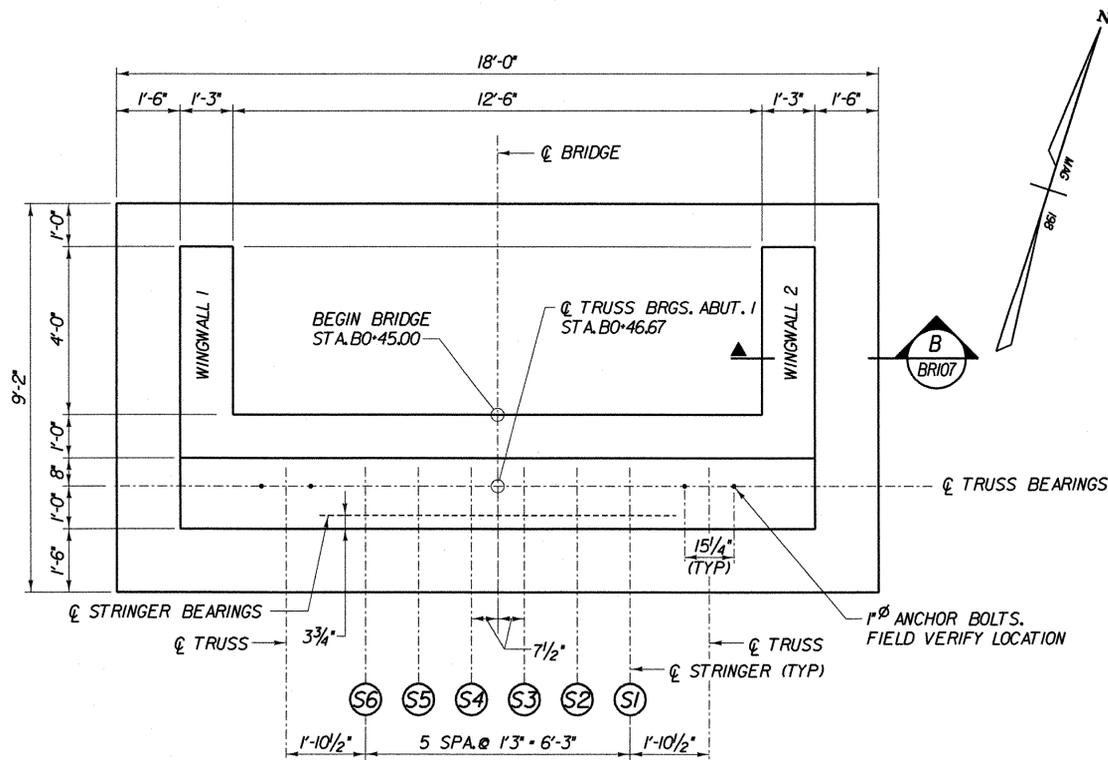


REPAIR DETAIL - 3
 (NOT TO SCALE)

CHA CLOUGH, HARBOUR & ASSOCIATES LLP
 ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
 1100 BOND STREET ALBANY, NEW YORK, 12202

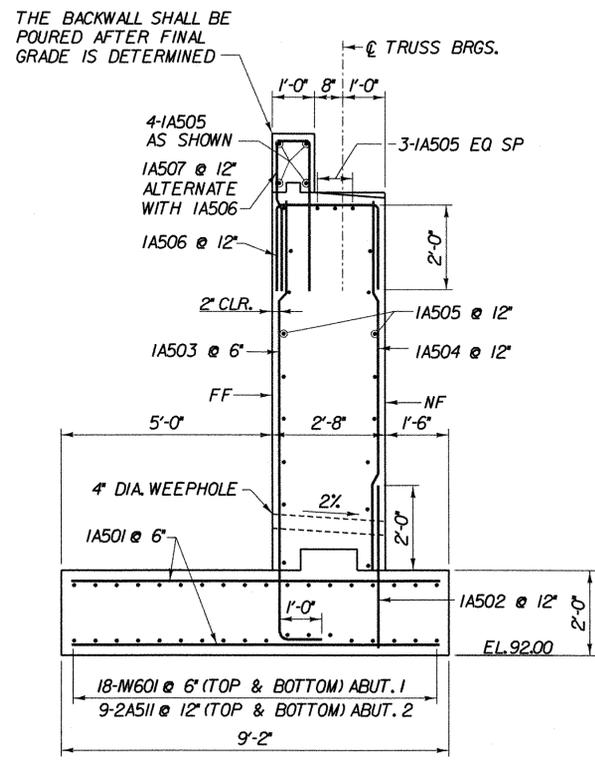
STATE OF VERMONT AGENCY OF TRANSPORTATION			
Town Of	WEST RUTLAND	Bridge No.	XX
Highway No.	CLARENDON AVE.	Log Sta.	
		Surv. Sta.	
PEDESTRIAN BRIDGE OVER CLARENDON BROOK			
STEEL REPAIR DETAILS			
Designed By	L. HARDEN	Drawn by	Wm WEATHERBY
Checked By	M. OLSTAD	Date	4/2002
		Bridge Design Supervisor	M. OLSTAD
		Date	4/2002
PROJECT	WEST RUTLAND	PROJECT NO.	ST WALK (D)
I.G.C. Info.			
Bridge Sheet No. BR106		Sheet 8 OF 12	

DATE / TIME: 11/01/02 14:07



PLAN

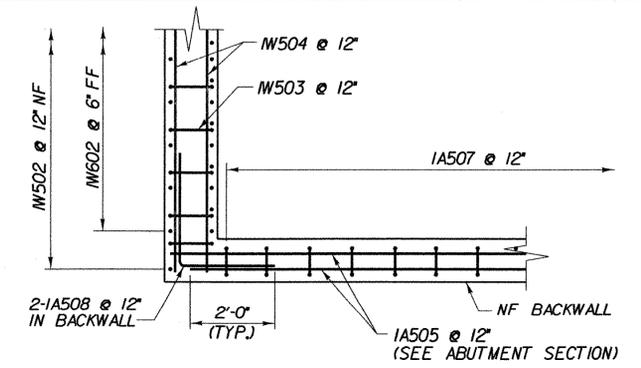
SCALE 1/2" = 1'-0"
 1 0 1 2



A TYPICAL ABUTMENT SECTION

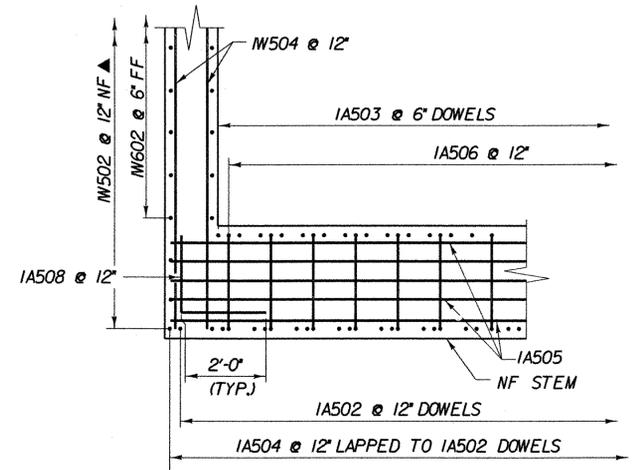
ABUTMENT 1 (SHOWN), ABUTMENT 2 (SIMILAR, EXCEPT AS NOTED)

SCALE 1/2" = 1'-0"
 1 0 1 2



PLAN - BACKWALL CORNER - ABUTMENT 1

SCALE 1/2" = 1'-0"
 1 0 1 2

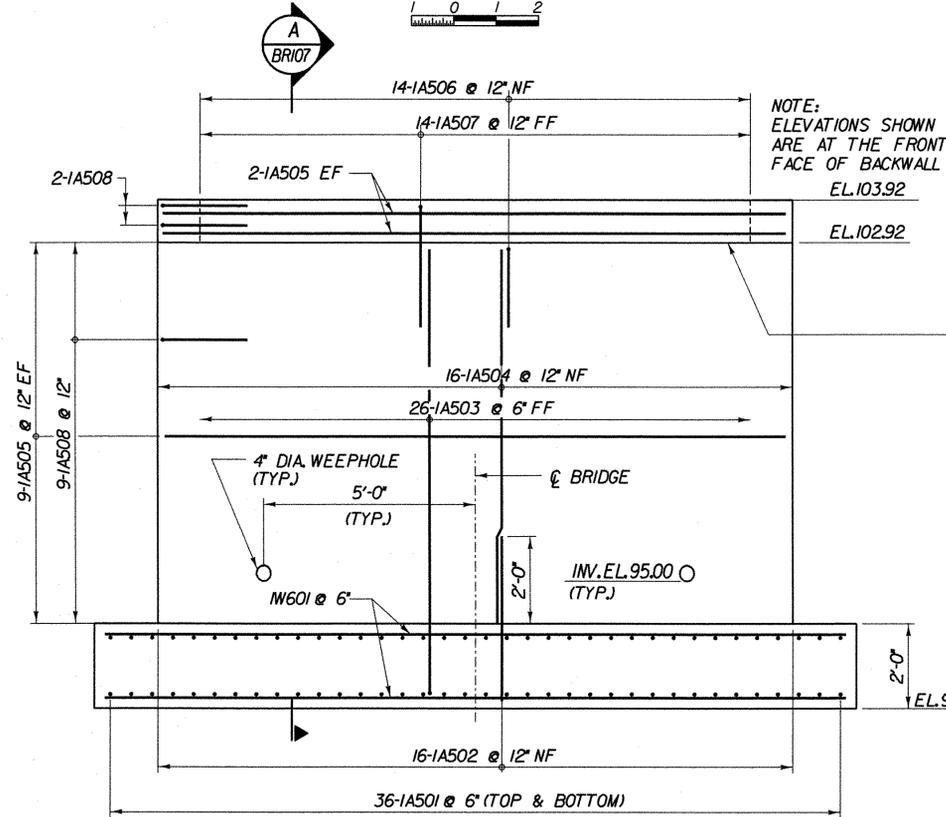


PLAN - STEM CORNER

SCALE 1/2" = 1'-0"
 1 0 1 2

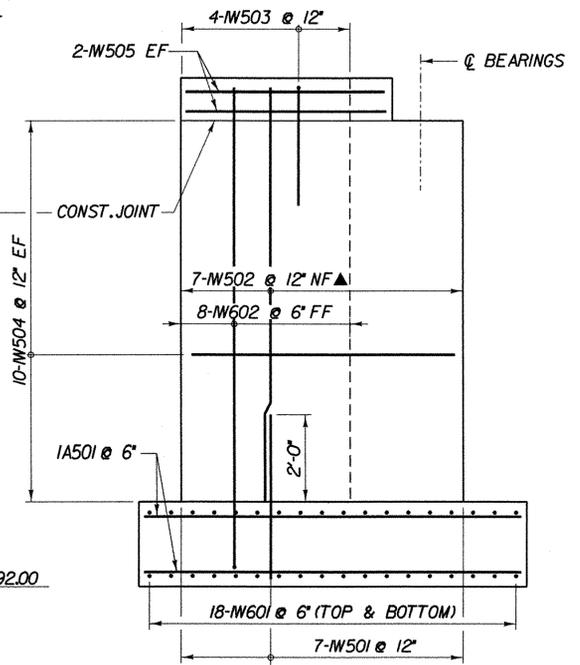
NOTE:

- NF - NEAR FACE
- FF - FAR FACE
- EF - EACH FACE
- 3" CLR. UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- ▲ - CUT TO FIT IN FIELD



ELEVATION ABUTMENT 1

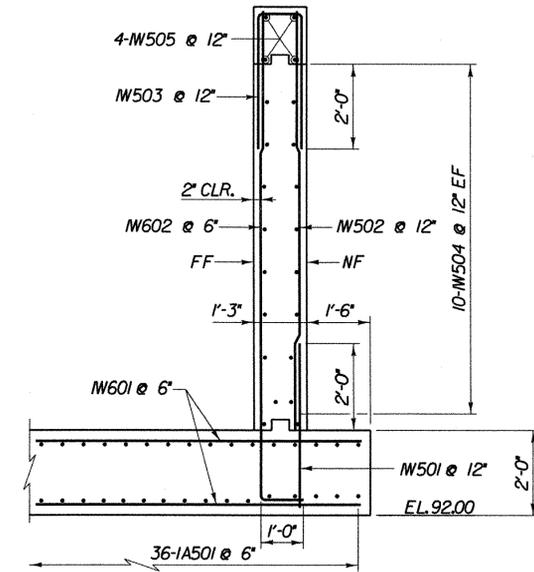
SCALE 1/2" = 1'-0"
 1 0 1 2



ABUTMENT 1 WINGWALL REINF. ELEVATION

EAST WINGWALL (SHOWN), WEST WINGWALL (SIMILAR)

SCALE 1/2" = 1'-0"
 1 0 1 2



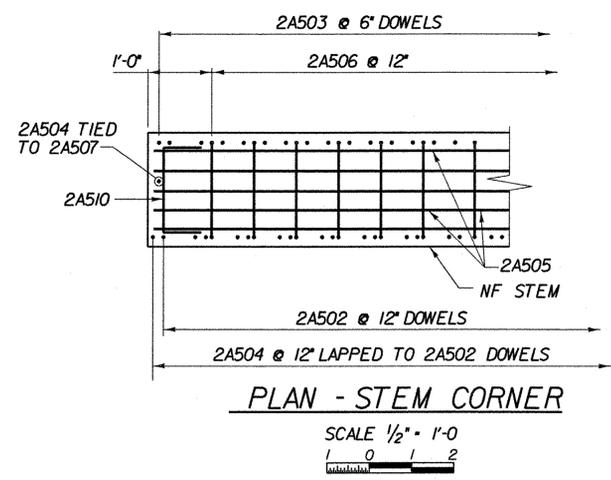
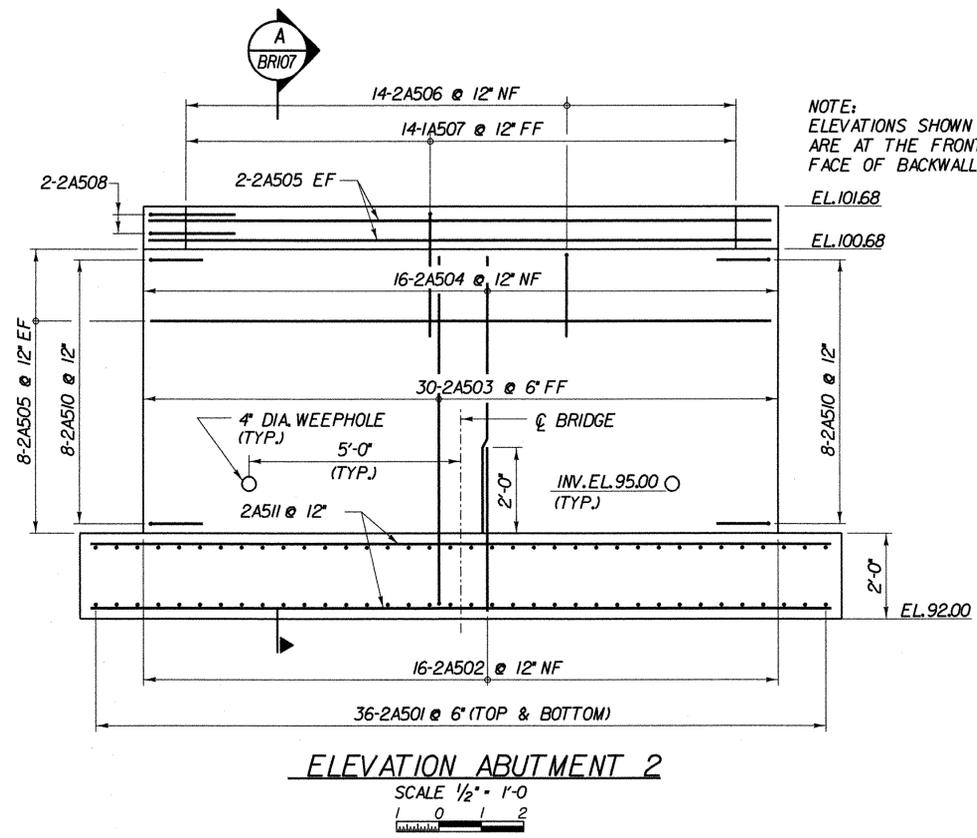
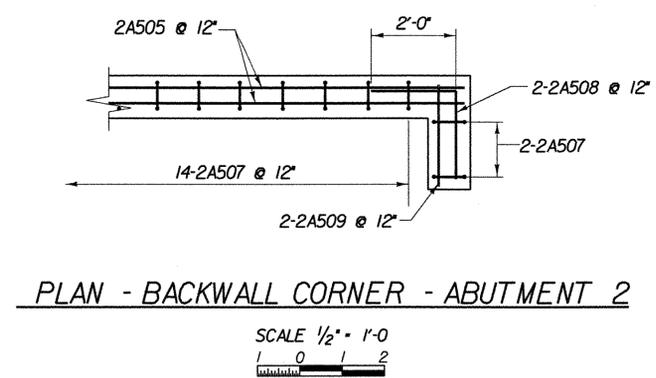
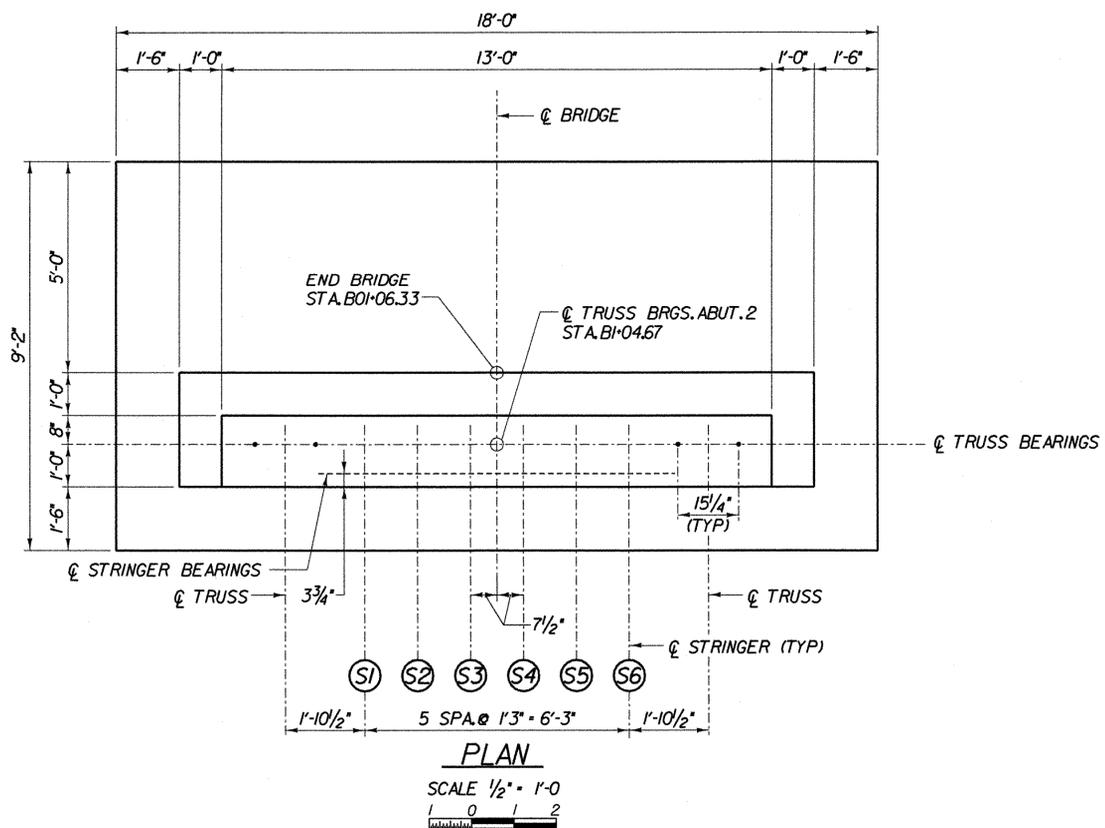
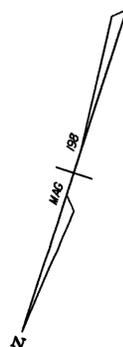
B TYPICAL ABUTMENT 1 WINGWALL SECTION

SCALE 1/2" = 1'-0"
 1 0 1 2

FILE NAME: S:\10224\WSTN15\ABUT1.PLT DATE/TIME: 11/01/02 USER: z467

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 ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
 WINNERS CIRCLE ALBANY, NEW YORK, 12205

STATE OF VERMONT AGENCY OF TRANSPORTATION		
Town Of	WEST RUTLAND	Bridge No. XX
Highway No.	CLARENDON AVE.	Log Sta.
		Surv. Sta.
PEDESTRIAN BRIDGE OVER CLARENDON BROOK ABUTMENT I PLAN AND ELEVATION		
Designed By	L. HARDEN	Drawn by Wm WEATHERBY
Checked By	M. OLSTAD	Bridge Design Supervisor
Date	4/2002	Date
PROJECT		PROJECT NO.
WEST RUTLAND		ST WALK (II)
I.G.C. Info.		
Bridge Sheet No. BRI07		Sheet 9 OF 12

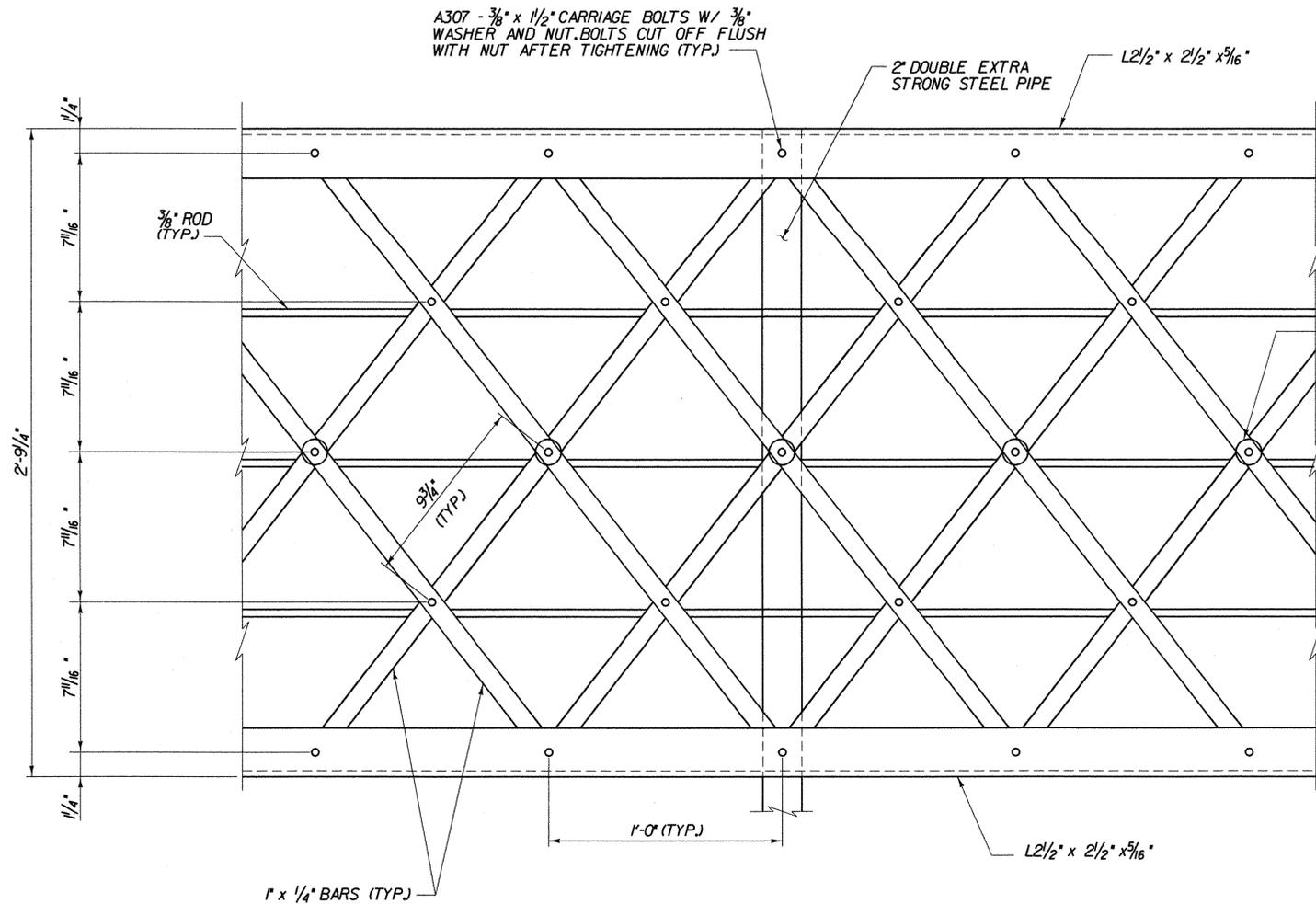


NOTE:
NF = NEAR FACE
FF = FAR FACE
EF = EACH FACE
3" CLR. UNLESS OTHERWISE SPECIFIED ON THE PLANS.

STATE OF VERMONT AGENCY OF TRANSPORTATION			
Town Of	WEST RUTLAND	Bridge No.	XX
Highway No.	CLARENDON AVE.	Log Sta.	
		Surv. Sta.	
PEDESTRIAN BRIDGE OVER CLARENDON BROOK ABUTMENT 2 PLAN AND ELEVATION			
Designed By	L. HARDEN	Drawn by	Wm WEATHERBY
Checked By	M. OLSTAD	Date	4/2002
		Bridge Design Supervisor	M. OLSTAD Date 4/2002
PROJECT	WEST RUTLAND	PROJECT NO.	ST WALK III
I.G.C. Info.		Bridge Sheet No. BR108	
		Sheet 10 OF 12	

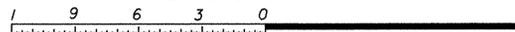


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DATE/TIME: 11/01/02
USER: Z467



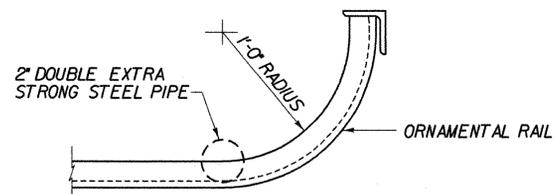
RAILING ELEVATION

SCALE 3" = 1'-0"



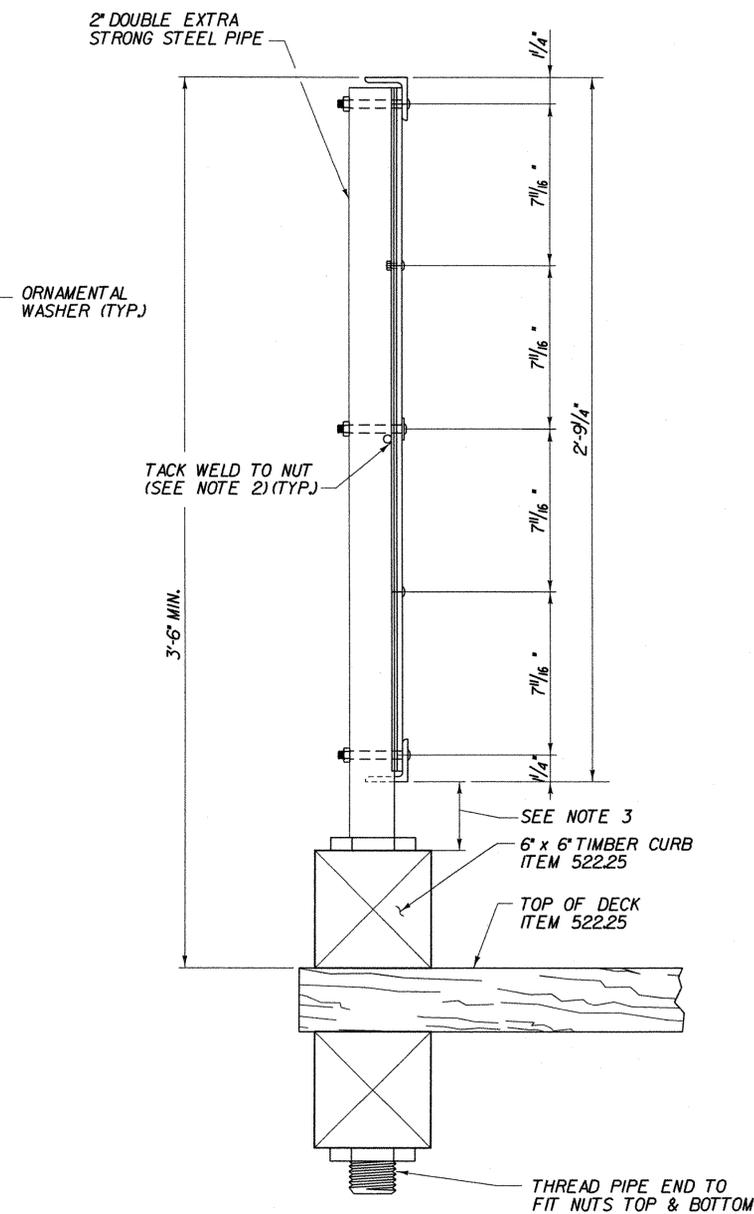
NOTES:

1. ALL MATERIAL TO BE AASHTO M270 GRADE 36. PAID FOR UNDER ITEM 525J5.
2. RODS SHALL BE LOCATED TO PREVENT NUT ROTATION
3. THE VERTICAL OPENING BELOW THE BOTTOM ANGLE SHALL NOT EXCEED 6".



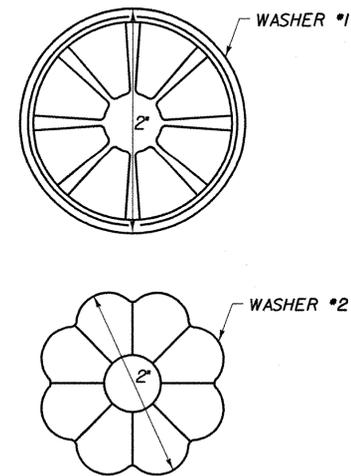
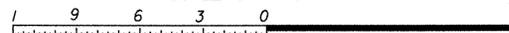
TYPICAL RAIL END DETAIL

(NOT TO SCALE)



TYPICAL BRIDGE SECTION

SCALE 3" = 1'-0"



ORNAMENTAL WASHERS

(NOT TO SCALE)

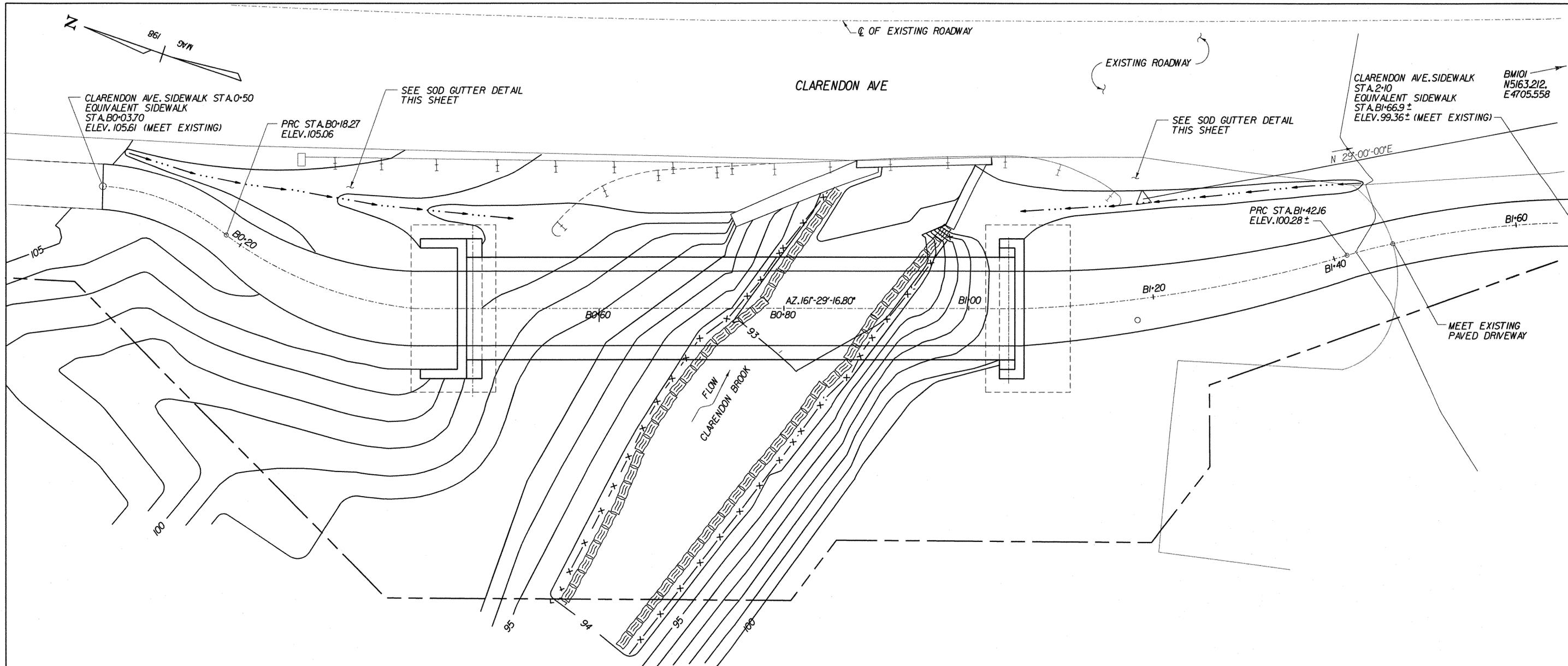
NOTES:

1. USE WASHER #1 AS A FIRST CHOICE FOR AN ORNAMENTAL WASHER AND #2 WASHER AS A SECOND CHOICE.
2. ONE WASHER STYLE WILL BE USED THROUGHOUT THE PROJECT.
3. ORNAMENTAL WASHERS SHALL BE CAST IRON AND COST INCLUDED IN THE RAILING ITEM.

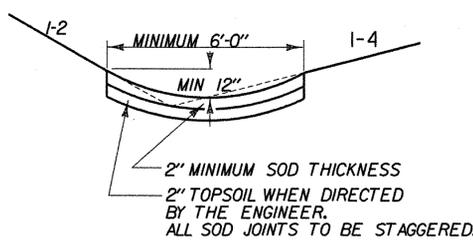
**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	WEST RUTLAND	Bridge No.	XX
Highway No.	CLARENDON AVE.	Log Sta.	
		Surv. Sta.	
PEDESTRIAN BRIDGE OVER CLARENDON BROOK			
RAILING DETAILS			
Designed By	L. HARDEN	Drawn by	Wm WEATHERBY
Checked By	M. OLSTAD	Bridge Design Supervisor	M. OLSTAD
	4/2002	Date	4/2002
PROJECT	WEST RUTLAND	PROJECT NO.	ST WALK (III)
L.G.C. Info.			
Bridge Sheet No. BRI09		Sheet II OF 12	

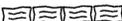




PLAN
SCALE 1" = 5'-0"



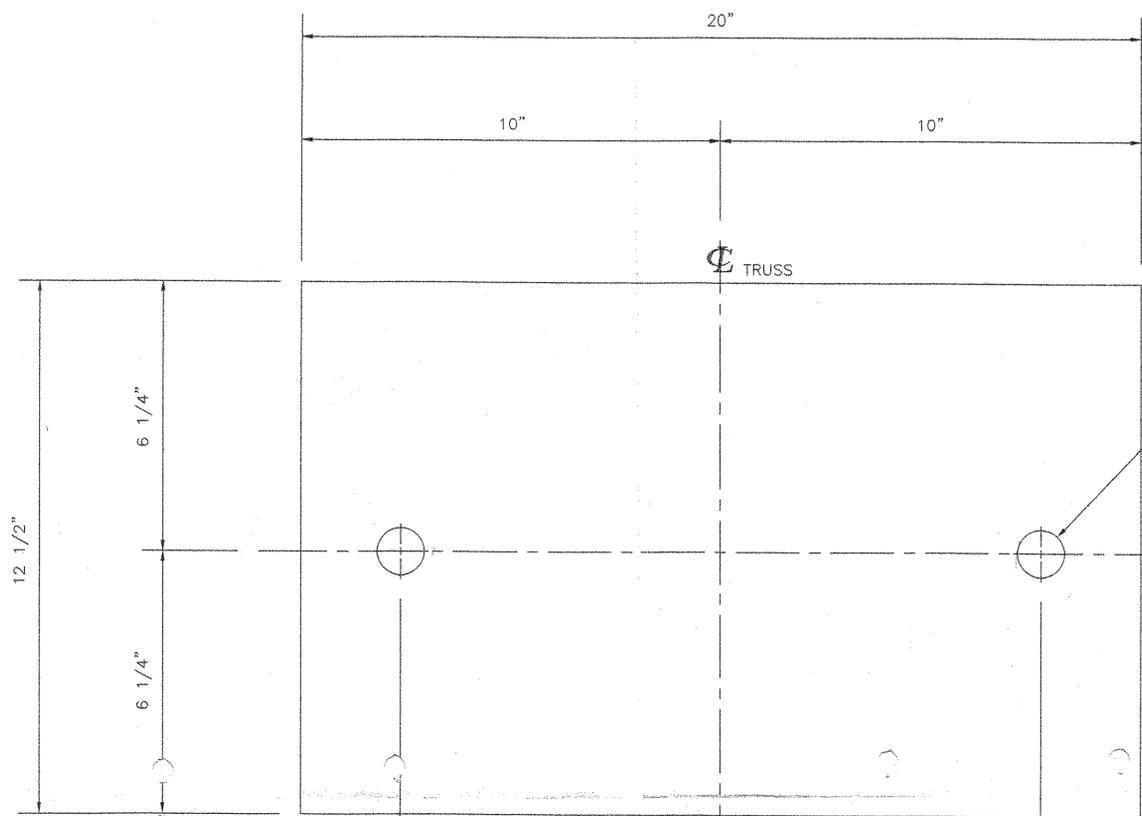
SODDING DETAIL
(NOT TO SCALE)

- LEGEND**
-  HAY BALES FOR EROSION CONTROL, ITEM 651.26
 -  -x-x- GOETEXTILE FOR SILT FENCE - ITEM 649.51

STATE OF VERMONT AGENCY OF TRANSPORTATION			
Town of	WEST RUTLAND	Bridge No.	XX
Highway No.	CLARENDON AVE.	Log Sta.	
		Surv. Sta.	
PEDESTRIAN BRIDGE OVER CLARENDON BROOK DRAINAGE & TEMPORARY EROSIAN CONTROL			
Designed By	L. HARDEN	Drawn by	Wm WEATHERBY
Checked By	M. OLSTAD	Date	4/2002
		Bridge Design Supervisor	M. OLSTAD Date 4/2002
PROJECT	WEST RUTLAND	PROJECT NO.	ST WALK (1)
I.G.C. Info.		Bridge Sheet No. BR110	
		Sheet 12 OF 12	

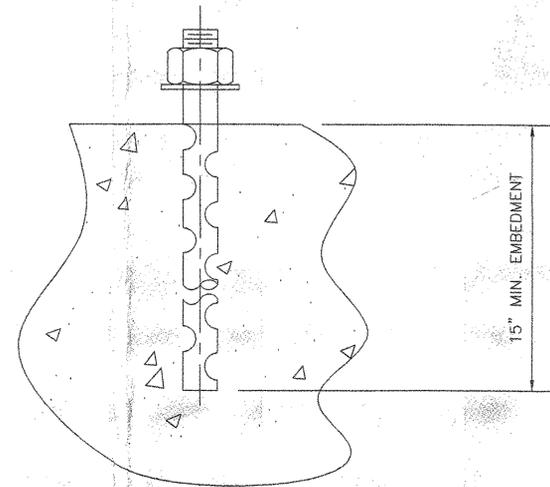
CHA CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
WINNERS CIRCLE ALBANY, NEW YORK, 12205

FILE NAME: \\10224\MSTIN\1510224\DRN_PLAN.dwg
 DATE/TIME: 11/01/02
 USER: 2467



NOTE:
THE CONTRACTOR TO VERIFY ALL DIMENSIONS, THICKNESS, MATERIALS & NOTES.

1 1/8" Ø HOLE FOR
1" Ø ANCHOR BOLT



ANCHOR BOLT DETAIL

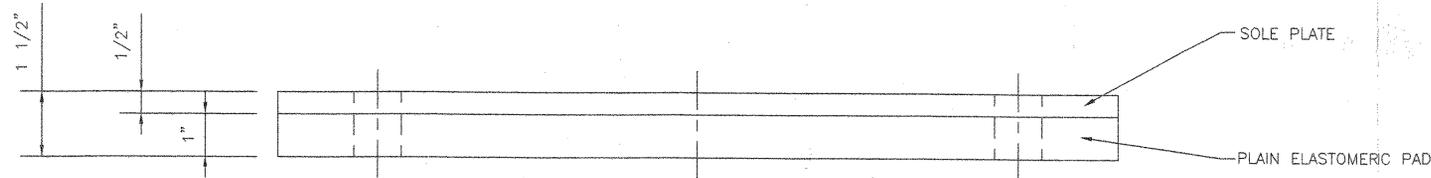
N.T.S. *SA 109 GR 36*
1" X 20" LONG ASTM A36 SWAGED ANCHOR
BOLT WITH 5" OF THREADS ONE END,
ONE ASTM A563 HEAVY HEX NUT &
ONE ASTM F436 WASHER. ALL GALVANIZED

MATERIAL:
STEEL - ASTM A709 GR36 ZINC METALIZED
ELASTOMER - AASHTO 50 DUROMETER GRADE 3 NEOPRENE

- NOTES:
1. BEARINGS SHALL BE SHIPPED IN DUST & MOISTURE PROOF COVERS FOR PROTECTION DURING TRANSIT & STORAGE.
 2. ALL STEEL COMPONENTS SHALL BE METALIZED AS PER SECTION 531.04(b) & 506.15. AFTER THE BEARINGS ARE METALIZED, THEY SHALL BE SEALED WITH AN APPROVED PRIMER AS SPECIFIED IN SUBSECTION 506.15.
 3. PRIOR TO METALIZING, ALL CORNERS & EDGES OF STEEL PLATES SHALL BE GROUNDED TO A 1/16" RADIUS.
 4. LOCATION OF FABRICATION PLANT - 70 SOUTH ST., WALPOLE, MA 02081
 5. COSMEC INC. REPRESENTATIVE - MR. MATT McANDREWS (508-668-6600)

Field verified by Contractor
Changes in red as submitted by fabricator. Okay if field verified.

PLAN



SOLE PLATE
PLAIN ELASTOMERIC PAD

FRONT ELEVATION

TYPE - E.P.
QUANTITY - 4

- NO EXCEPTION TAKEN
- REJECTED
- MAKE CORRECTIONS NOTED
- REPAIR AND RESUBMIT
- RESUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE COMPARED AND CORRELATED AT THE JOB SITE. FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF HIS WORK.

CLOUGH HARBOUR & ASSOCIATES LLP
ENGINEER, SURVEYOR, PLANNING
DATE: *6/23/03*

RECEIVED
OK'D BY: *LH* OK'D BY: *aw*
JUN 09 2003
RESUBMIT: _____ APPROVED: *aw* As noted
BY: *aw* DATE: *6/26/03*

STATE OF VERMONT
AGENCY OF TRANSPORTATION

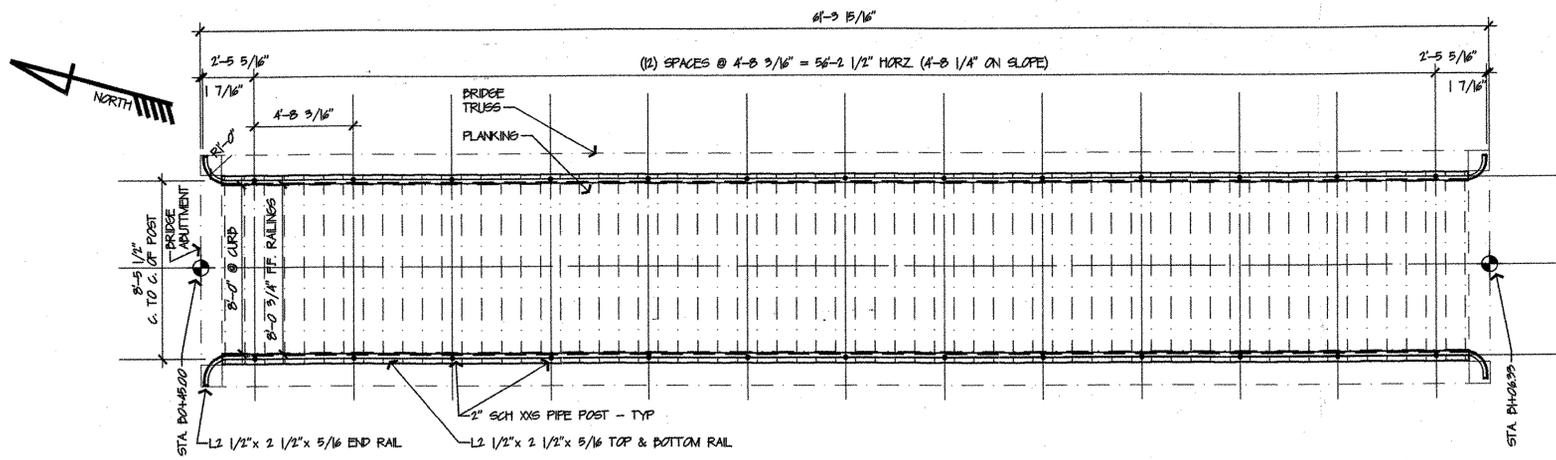
PROJECT: WEST RUTLAND
PROJECT NO.: ST. WALK (II)
PEDESTRIAN BRIDGE OVER CLARENDON BROOK
HIGHWAY NO.: CLARENDON AVE.
TOWN OF WEST RUTLAND

COSMEC, INC. 70 SOUTH STREET
WALPOLE, MA. 02081

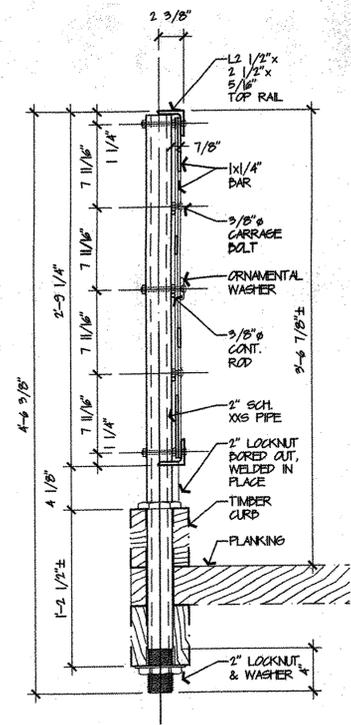
SCALE: 1/2" = 1" DRAWN BY: NH CHECKED BY: MCM
DATE: 5.23.03 DATE: 5.23.03

PLAIN ELASTOMERIC BEARINGS

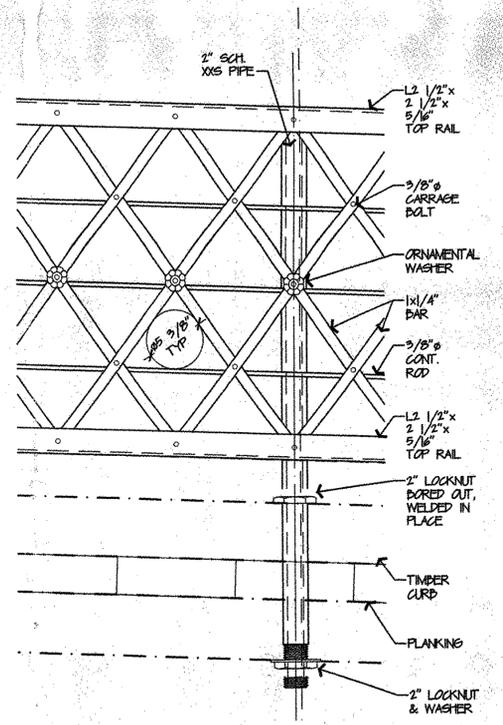
REV.	BY	DATE	OK'D BY	DATE	CUSTOMER	S.O. NUMBER	DRAWING NUMBER	REV.
					AUSTIN CONSTRUCTION INC.	59802	3876	



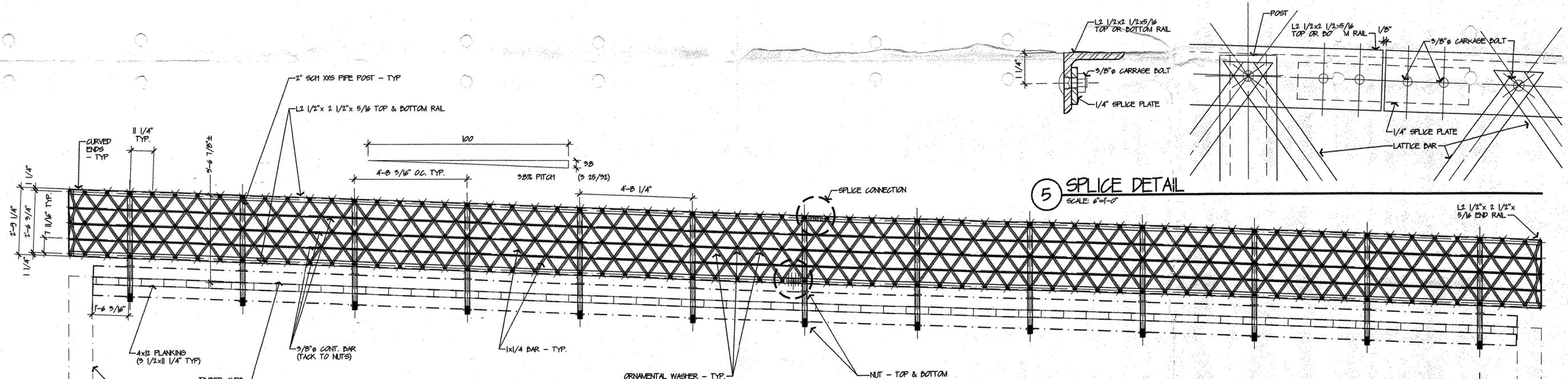
2 PLAN
SCALE: 1/4"=1'-0"



3 SECTION
SCALE: 1 1/2"=1'-0"



4 ELEV. DETAIL
SCALE: 1 1/2"=1'-0"



1 INSIDE ELEVATION
SCALE: 1/4"=1'-0"

5 SPLICE DETAIL
SCALE: 6"=1'-0"

NO EXCEPTION TAKEN
 REJECTED
 SUBMIT SPECIFIED ITEM
 MAKE CORRECTIONS NOTED
 REVISE AND RESUBMIT

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CLOUGH HARBOUR & ASSOCIATES LLP
 ARCHITECTS, ENGINEERS, PLANNERS
 8/25/03 BY *[Signature]*

RECEIVED
 OK'D BY *[Signature]* OK'D BY *[Signature]*
 AUG 14 2003
 RESUBMIT APPROVED WITH CHANGES
 BY *[Signature]* DATE 8/26/03 NOTED IN RED

NOTE:
 1. RAILINGS TO RECEIVE PRIME & TOP COAT AS PER VAT. SUP. SPEC # 919 PRIOR TO ASSEMBLY

REVISIONS		REMARKS	
ONE PLYWOOD ISLAND DR. GLENS FALLS, N.Y. 12081		RIVERSIDE FAB, INC.	
DATE 7/31/03		PROJECT WEST RUTLAND ST WALK (11)	PHONE # (818) 798-3533
DRAWN BY CCE	LOCATION WEST RUTLAND, VT OFF VT 135	CUSTOMER STATE OF VERMONT, AGENCY OF TRANSPORTATION	FAX # (818) 798-1711
CHECKED BY	ARCHITECT CLOUGH HARBOUR & ASSOC. LLP	JOB NO. RFC 598	PRINT RECORD
HOLES A325	SHEET NAME INSIDE ELEVATION & PLAN, RAILING	DRAWING NUMBER	E1
PANT AS NOTED			

