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E - 102A	CONSTRUCTION SIGN DETAILS	- 5/01/04
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STATE OF VERMONT

AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT

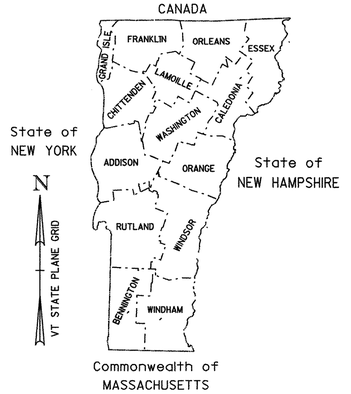
BRIDGE PROJECTS

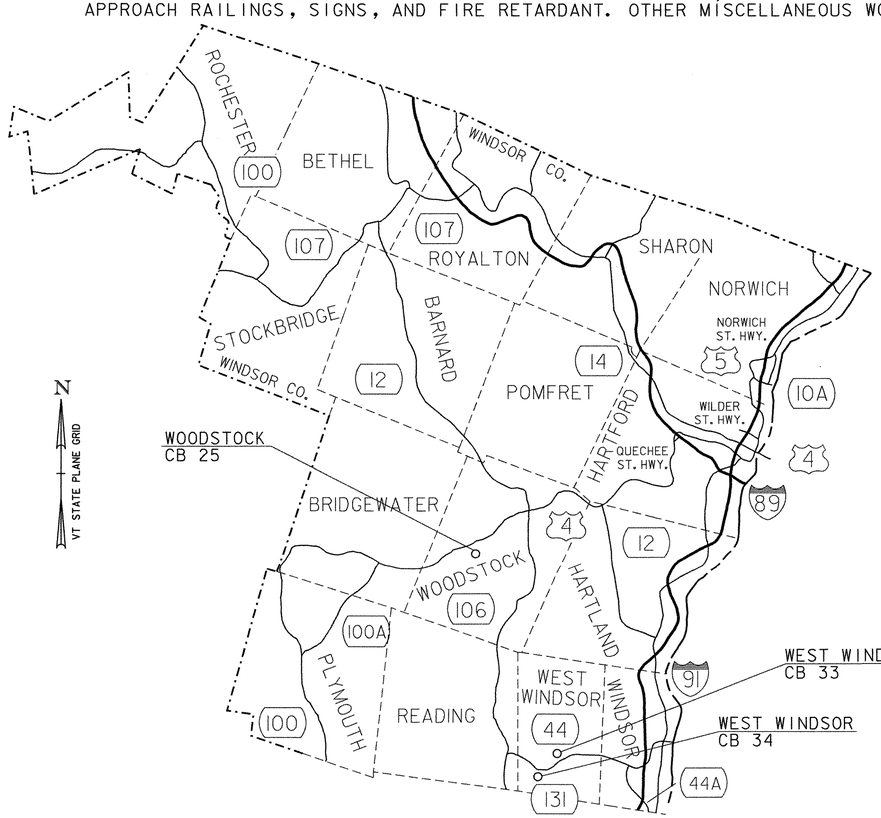
SOUTHERN REGION

WOODSTOCK BHO 1444(45)
WEST WINDSOR BHO 1444(46)
WEST WINDSOR BHO 1444(47)

PROJECT DESCRIPTION

REHABILITATING EXISTING STONE ABUTMENTS AND WINGWALLS, CUTTING/TRIMMING, PROVIDING APPROACH RAILINGS, SIGNS, AND FIRE RETARDANT. OTHER MISCELLANEOUS WORK.





RECORD PLANS

CONTRACTOR: BLOW & COTE INC. – MORRISVILLE, VT
RESIDENT ENGINEER: BUTCH COLBY
CONSTRUCTION BEGAN: JUNE 22, 2005
CONSTRUCTION COMPLETE: SEPTEMBER 28, 2005
RECORD PLANS BY: BUTCH COLBY

I HEREBY CERTIFY THAT ALL THE CONSTUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY _____ RESIDENT ENGINEER

DATE 4/19/07

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

CONVENTIONAL SYMBOLS

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
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE

SURVEYED BY :
SURVEYED DATE :

DATUM
VERTICAL
HORIZONTAL

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

BUILT AS DESIGNED

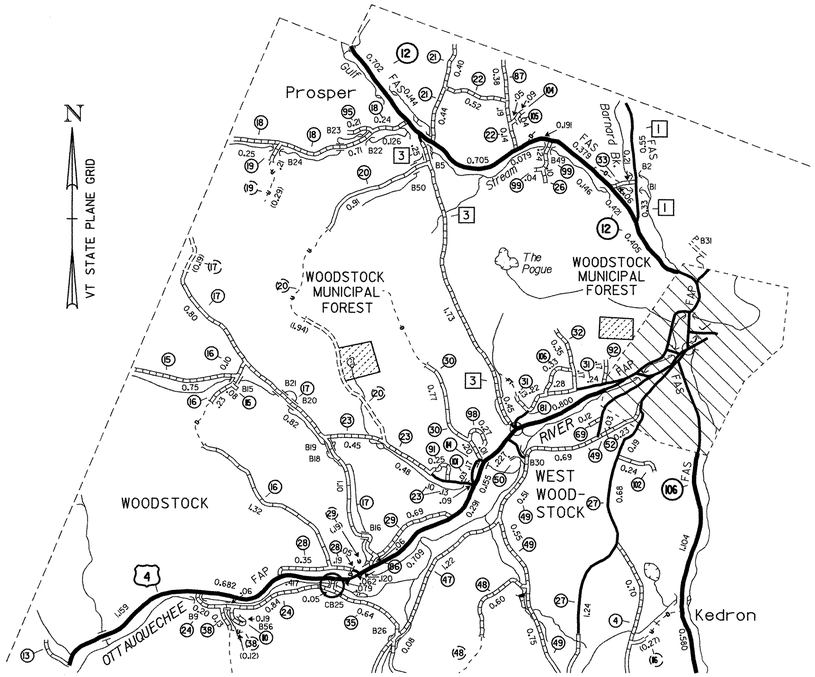
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATOR
APPROVED _____ DATE _____

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED _____ DATE _____

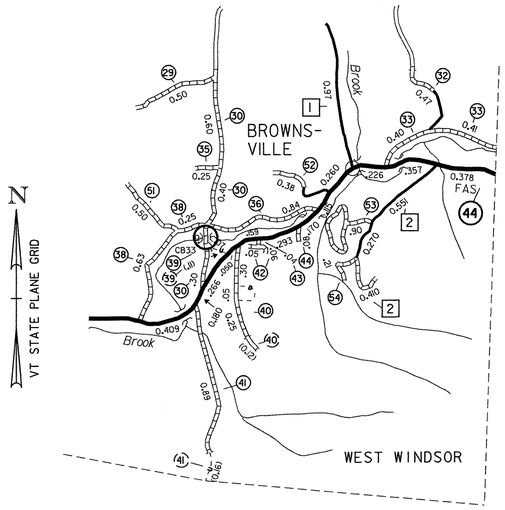
PROJECT MANAGER : J. WEAVER

PROJECTS : SOUTHERN REGION

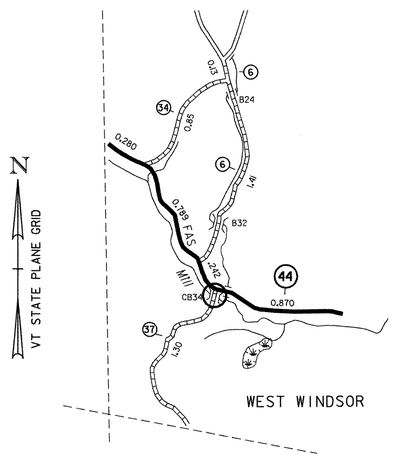
SHEET 1 OF 8 SHEETS



WOODSTOCK BHO 1444(45)
LINCOLN COVERED BRIDGE C.B.25



WEST WINDSOR BHO 1444(46)
BOWERS COVERED BRIDGE C.B.33



WEST WINDSOR BHO 1444(47)
BESTS COVERED BRIDGE C.B.34

PROJECTS:
SOUTHERN REGION

DESIGN FILE NAME: 04J170/Structures/04J170loc.dgn
IPARM FILE NAME: 04J170loc.i
DESIGNED BY: J. WEAVER
PLOT DATE: 06-APR-2007
DRAWN BY: J. WHITE
CHECKED BY: J. WEAVER
LOCATION MAPS SHEET
SHEET: 2 OF 8

GENERAL NOTES:

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2001, AND ITS LATEST REVSIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DATED 2002, AND ITS LATEST REVISIONS.

2. ALL INFORMATION PROVIDED IN THE PLANS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING THE WORK.

3. FOUNDATION WORK AND OTHER WORK SHALL BE AS SPECIFIED WITHIN THE PROJECT SPECIAL PROVISIONS AND OTHER CONTRACT DOCUMENTS.

4. ALL WORK IS TO BE COMPLETED WITHIN THE AVAILABLE TOWN-OWNED RIGHT-OF-WAY AS DETAILED ON SHEET 4. THE R.O.W. IS ASSUMED TO BE CENTERED ABOUT THE CENTER LINE OF THE BRIDGE OR ROADWAY. NO PROVISIONS HAVE BEEN MADE TO GO OUTSIDE THE EXISTING RIGHT-OF-WAY AND NO CONTRACT WORK SHALL BE PERFORMED OR PAID FOR OUTSIDE OF EXISTING TOWN-OWNED RIGHT-OF-WAY LIMITS. SHOULD THE CONTRACTOR REQUIRE ANY ADDITIONAL R.O.W. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL EASEMENTS.

5. IT IS ANTICIPATED THAT NO WORK WILL TAKE PLACE WITHIN THE STREAMBEDS. FURTHERMORE, NO CONTRACTOR OFF-ROAD VEHICLES WILL BE ALLOWED IN THE STREAMBED AREAS. FOR ANY CONTRACTOR'S REQUIRED OPERATIONS IN THE STREAM, AND ERECTING STAGING, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL PERMITS.

6. GREAT CARE SHALL BE TAKEN BY THE CONTRACTOR TO PREVENT ANY MATERIAL FROM ENTERING THE STREAMBEDS PER SECTION 105 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. ANY MATERIAL THAT DOES ESCAPE THE CONTRACTOR'S CONTAINMENT SYSTEM WILL BE RECOVERED IMMEDIATELY.

7. IT IS NOT ANTICIPATED THAT ANY UTILITIES WILL REQUIRE ADJUSTMENT. THE CONTRACTOR IS CAUTIONED TO PROTECT THESE FACILITIES FROM DAMAGE. ALL DAMAGE TO UTILITIES AS RESULT OF THE CONTRACTOR'S OPERATIONS WILL BE REPAIRED AT NO COST TO THE STATE. SHOULD THE CONTRACTOR DESIRE UTILITY RELOCATIONS FOR ITS OWN BENEFIT, ALL COSTS WILL BE THE CONTRACTOR'S RESPONSIBILITY.

8. ALL WORK SHALL PROCEED IN A CAREFUL, ORDERLY MANNER SO THAT AFFECTED HISTORIC STRUCTURES ARE NOT DAMAGED IN ANY WAY. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO THE STRUCTURE AS A RESULT OF IT'S OPERATIONS AT NO COST TO THE STATE. ALL DAMAGE WILL BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY AND NO REPAIRS WILL BE MADE UNTIL APPROVED BY THE AGENCY.

9. ALL TRAFFIC CONTROL DEVICES, INCLUDING BUT NOT LIMITED TO SIGNS, BARRELS, BARRICADES, CONES, BARRIERS, NECESSARY FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION WILL BE PAID UNDER ITEM 641.10. WHILE DETOURS AS DETAILED IN STANDARD 107 WILL NOT BE ENCOUNTERED, GENERAL PLACEMENT OF APPROACH SIGNING AND "ROAD CLOSED" SIGNS WILL BE AS SHOWN ON STANDARD 107. AS CONDITIONS AT EACH SITE VARY, THE CONTRACTOR MAY CHOOSE TO SUBMIT INDIVIDUAL TRAFFIC CONTROL PLANS FOR REVIEW.

10. ALL REMOVED MATERIAL WILL BECOME THE PROPERTY OF THE CONTRACTOR.

11. AN ESTIMATED QUANTITY OF STRUCTURAL LUMBER AND TIMBER-UNTREATED HAS BEEN INCLUDED FOR THE REPLACEMENT OF ONE TIE BEAM AT THE WEST WINDSOR BHO 1444(47) BRIDGE SITE. FULL SAWN STRUCTURAL LUMBER SHALL BE USED AND PAID FOR UNDER ITEM 522.20. THE MATERIAL SHALL BE EASTERN SPRUCE, NO. 1 GRADE OR BETTER.

12. ESTIMATED QUANTITIES OF STRUCTURE EXCAVATION AND GRANULAR BACKFILL FOR STRUCTURES HAVE BEEN INCLUDED FOR EARTH WORK ADJACENT TO WORK REQUIRED FOR DRY RUBBLE MASONRY (MOD.) AT WOODSTOCK C.B. 25, ABUTMENT #1, UPSTREAM WINGWALL.

13. AS DETAILED AND DESCRIBED IN THE CONTRACT DOCUMENTS, AN ESTIMATED QUANTITY OF STRUCTURAL GLUED LAMINATED TIMBER (MOD.) HAS BEEN INCLUDED FOR FASTENING THE DECK TO THE END FLOOR BEAMS, AT WOODSTOCK C.B. 25.

14. AS DESCRIBED IN THE CONTRACT DOCUMENTS, AN ESTIMATED QUANTITY OF REPLACE GUARD RAIL POST ASSEMBLY (MOD.) HAS BEEN INCLUDED FOR REPLACEMENT OF WOOD OFFSET BLOCKS AT THE WEST WINDSOR BHO 1444(46) BRIDGE SITE.

15. WITHIN EXISTING ROW LIMITS, THINNING AND TRIMMING SHALL INCLUDE ALL WORK REQUIRED TO CUT AND TRIM TREES, STUMPS, AND VEGETATION UP TO 6 FEET FROM EXISTING ABUTMENT AND WINGWALL FACES AND IN OTHER AREAS, AS DETERMINED BY THE ENGINEER.

16. NEW HEIGHT AND WEIGHT LIMIT SIGNS SHALL BE PLACED WITHIN 100 FEET OF THE BRIDGE PORTALS, AS DIRECTED BY THE ENGINEER. ALSO, NEW ONE LANE BRIDGE SIGNS SHALL BE PLACED AT LEAST 100 FEET FROM BRIDGE PORTALS, AS DIRECTED BY THE ENGINEER.

17. BRIDGES THAT WILL BE CLOSED DURING CONSTRUCTION WORK MAY BE CLOSED TO ALL PEDESTRIAN AND VEHICULAR TRAFFIC. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND PROVIDE THE TOWNS WRITTEN NOTICE A MINIMUM OF 3 WEEKS PRIOR TO THE ANTICIPATED BRIDGE CLOSURE. THE CONTACT INFORMATION FOR EACH TOWN AND OTHER PERTINENT INFORMATION ARE PROVIDED ON SHEET 4. ONCE A BRIDGE IS CLOSED ALL WORK SHALL BE PERFORMED CONTINUOUSLY TO MINIMIZE BRIDGE CLOSURE TIME.

PROJECTS:
SOUTHERN REGION

DESIGN FILE NAME: 04j170/Structures/04j170notes.dgn
IPARM FILE NAME: 04j170gennotes.i
PLOT DATE: 06-APR-2007
DESIGNED BY: J. WEAVER
DRAWN BY: J. WHITE
CHECKED BY: J. WEAVER
GENERAL NOTES SHEET
SHEET: 3 OF 8

PROJECT INFORMATION

	TOWN/ PROJECT. #	COUNTY	BRIDGE NAME	BRIDGE NUMBER	ROUTE NUMBER	END TO END BRIDGE LENGTH	ESTIMATED STONE AREA **	AVAILABLE ROW	FIRE RETARDANT TO BE APPLIED TO BRIDGE	CONSTRUCTION WORK ADVANCE WARNING TO TOWN *	MUNICIPAL CONTACT FOR NOTIFICATION
1	WOODSTOCK BHO 1444(45)	WINDSOR	LINCOLN COVERED BRIDGE	CB 25	TH 35	136'	94 Sq. Yrds.	3 ROD	YES	14 DAYS ADVANCE WARNING OF BEGIN CONSTRUCTION REQUIRED	Philip B. Swanson Munic. Manager PO Box 488, Woodstock, VT 05091 Tel. (802) 457-3456
2	WEST WINDSOR BHO 1444(46)	WINDSOR	BOWERS COVERED BRIDGE	CB 33	TH 30	45'	47 Sq. Yrds.	3 ROD	YES	5 DAYS ADVANCE WARNING OF BEGIN CONSTRUCTION REQUIRED	Sandra Boyens PO Box 6, Brownsville, VT 05037 Tel. (802) 484-7212
3	WEST WINDSOR BHO 1444(47)	WINDSOR	BESTS COVERED BRIDGE	CB 34	TH 37	37'	44 Sq. Yrds.	3 ROD	YES	5 DAYS ADVANCE WARNING OF BEGIN CONSTRUCTION REQUIRED	Sandra Boyens PO Box 6, Brownsville, VT 05037 Tel. (802) 484-7212

* SEE GENERAL NOTE 17

** INCLUDES AREA WHERE DRY RUBBLE MASONRY IS TO BE RECONSTRUCTED.

PROJECTS:
SOUTHERN REGION

DESIGN FILE NAME: 04J170/Structures/04J170notes.dgn
IPARM FILE NAME: 04J170notes.i
DESIGNED BY: J. WEAVER
PLOT DATE: 06-APR-2007
DRAWN BY: J. WHITE
CHECKED BY: J. WEAVER
BRIDGE INFORMATION SHEET
SHEET: 4 OF 8

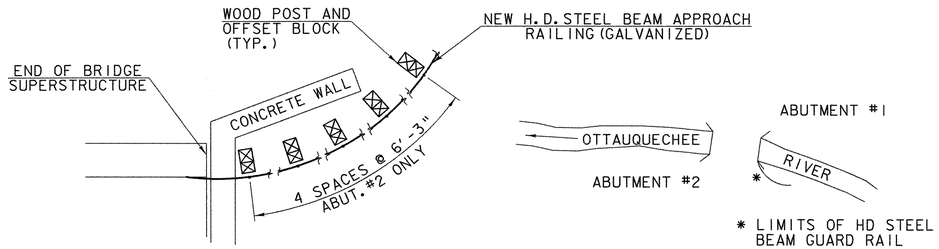
STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET

SUMMARY OF ESTIMATED QUANTITIES																TOTALS			DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
WOODSTOCK BHO 1444(45)		W. WINDSOR BHO 1444(46)		W. WINDSOR BHO 1444(47)												BRIDGE QUANTITY	ROUND	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS
0.01		0.01		0.01												0.03		0.03		ACRE	THINNING AND TRIMMING	201.30			
6		-		-												6		6		CY	STRUCTURE EXCAVATION	204.25			
6		-		-												6		6		CY	GRANULAR BACKFILL FOR STRUCTURES	204.30			
0.50		0.25		0.25												1		1		LS	STRUCTURAL PAINTING, FIELD APPLIED (MOD.-FIRE RETARDANT)	513.30			
0.50		0.25		0.25												1		1		LS	CONTAINMENT & ENVIRONMENTAL PROTECTION, FIELD (MOD.- FIRE RETARDANT)	513.36			
-		-		0.10												0.10		0.10		MFBM	STRUCTURAL LUMBER AND TIMBER - UNTREATED	522.20			
1		-		-												1		1		LS	STRUCTURAL GLUED LAMINATED TIMBER (MOD.)	522.40			
9		-		-												9		9		CY	DRY RUBBLE MASONRY (MOD.)	602.20			
86		47		44												177		177		SY	REPOINTING MASONRY (MOD.)	602.30			
27		-		-												27		27		LF	HEAVY DUTY STEEL BEAM GUARD RAIL (GALVANIZED)	621.21			
-		-		98												98		98		LF	HEAVY DUTY STEEL BEAM GUARD RAIL (WEATHERING)	621.21			
-		2		-												2		2		EACH	REPLACE GUARD RAIL POST ASSEMBLY (MOD.)	621.76			
25		-		-												25		25		LF	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80			
10		5		5												20		20		HR	FLAGGERS	630.15			
0.34		0.33		0.33												1		1		LS	MOBILIZATION/DEMOBILIZATION	635.11			
0.34		0.33		0.33												1		1		LS	TRAFFIC CONTROL	641.10			
38		-		-												38		38		SY	GEOTEXTILE FOR SILT FENCE	649.51			
5		-		-												5		5		LB	SEED	651.15			
5		-		-												5		5		LB	FERTILIZER	651.18			
5		-		-												5		5		EACH	HAY BALES FOR EROSION CONTROL	651.26			
2		-		-												2		2		CY	TOPSOIL	651.35			
0.50		0.25		0.25												1		1		LU	MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN (N.A.B.I.)	652.30			
12.50		35		35												82.50		82.50		SF	TRAFFIC SIGNS, TYPE A	675.20			
22		44		44												110		110		LF	FLANGED CHANNEL SIGN POST	675.301			

PROJECTS: **Southern Region**

FILE NAME: **southernregionqs.xls** PLOT DATE: **3/30/2005**
PROJECT MANAGER: **0** DRAWN BY: **J. WHITE**
DESIGNED BY: **J. WEAVER** CHECKED BY: **J. WEAVER**
QUANTITY SHEET SHEET **5** OF **8**

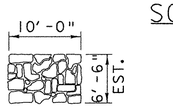


RAILING PLAN

N.T.S.

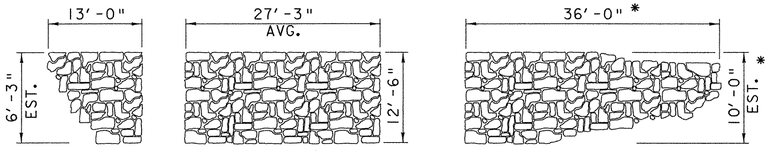
SCHEMATIC PLAN

* LIMITS OF HD STEEL BEAM GUARD RAIL (GALVANIZED)



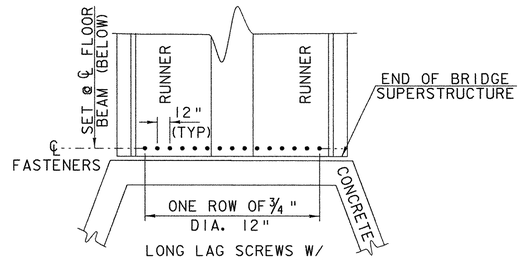
ABUTMENT #2 DOWNSTREAM WINGWALL ELEVATION

* NOTE: REBUILD AREA @ TOP OF WINGWALL: EST. 5'-0" x 15'-0"



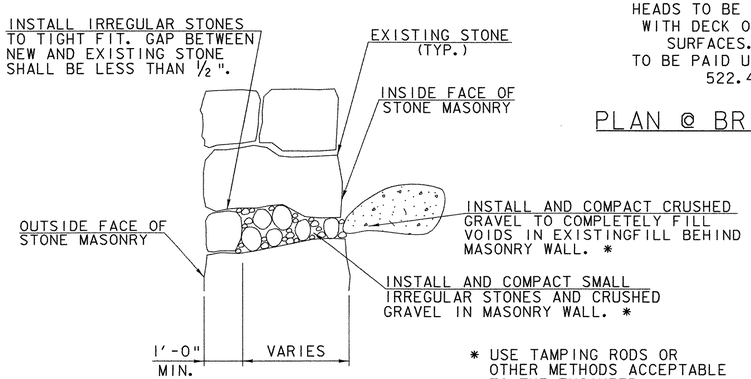
ABUTMENT #1 ELEVATIONS

WOODSTOCK BHO 1444(45)
C.B. 25 DETAILS



LONG LAG SCREWS W/ WASHERS. LAG SCREW HEADS TO BE SET FLUSH WITH DECK OR RUNNER SURFACES. WORK TO BE PAID UNDER ITEM 522.40

PLAN @ BRIDGE END

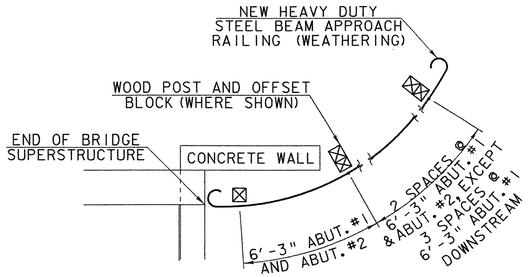


* USE TAMPING RODS OR OTHER METHODS ACCEPTABLE TO THE ENGINEER.

CHINKING DETAIL**

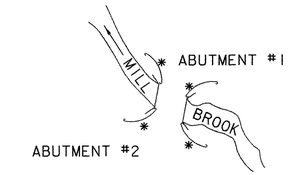
N.T.S.

** FOR FURTHER INFORMATION SEE SECTION 602 OF THE PROJECT SPECIAL PROVISIONS.



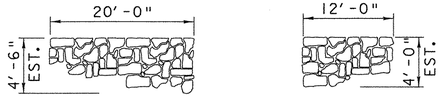
RAILING PLAN

N.T.S.

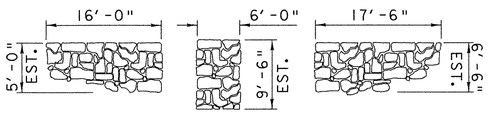


* LIMITS OF HD STEEL BEAM GUARD RAIL (WEATHERING)

SCHEMATIC PLAN

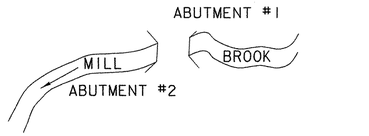


ABUTMENT #2 WINGWALL ELEVATIONS



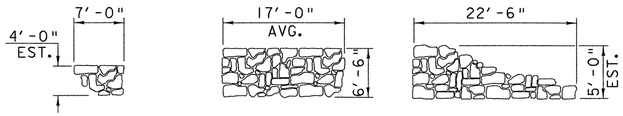
ABUTMENT #1 WINGWALL ELEVATIONS

WEST WINDSOR BHO 1444(47)
C.B. 34 DETAILS



SCHEMATIC PLAN

ABUTMENT #2 ELEVATIONS



ABUTMENT #1 ELEVATIONS

WEST WINDSOR BHO 1444(46)
C.B. 33 DETAILS

NOTES:

1. ALL DETAILS ARE SCHEMATIC AND NOT TO SCALE
2. ABUTMENT #2 IS LOCATED ON THE FAR SIDE OF THE STRUCTURE, WITH UPSTREAM TO THE LEFT OF THE VIEWER.
3. ALL DIMENSIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR.

PROJECTS:
SOUTHERN REGION

DESIGN FILE NAME: 04J170/Structures/04J170det.dgn
IPARM FILE NAME: 04J170det.i
DESIGNED BY: J. WEAVER
PLOT DATE: 06-APR-2007
DRAWN BY: J. WHITE
CHECKED BY: J. WEAVER
DETAIL SHEET
SHEET: 6 OF 8

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

LOCATION	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																								
WOODSTOCK CB 25 W. WINDSOR CB 33 W. WINDSOR CB 34	ONE LANE BRIDGE AHEAD	2 2 2	30	30	6.25						1			×																			W5 - 3	7	SEE BELOW
WOODSTOCK CB 25 W. WINDSOR CB 33 W. WINDSOR CB 34	*	0 2 2	30	30	6.25						1			×																			WI2 - 2	X	E-155
	LEGAL LOAD LIMIT ** POUNDS	0 2 2	24	30	5.00						1			×																			VR - 017	X	E-141

W5-3

SIGN	DIMENSIONS(INCHES) A	B	C	D	E	F	G	H	J
MIN.	30	1/2	3/4	5C	3 1/4	13 5/16	12 11/16	9 1/8	1 7/8
STD.	36	5/8	7/8	6C	4	16	15 1/4	11 1/2	2 1/4
SPECIAL	48	3/4	1 1/4	8C	5	21 1/4	20 1/4	15 3/8	3

COLORS
LEGEND-BLACK (NON - REFL)
BACKGROUND - YELLOW (REFL)

* 10'-0" WEST WINDSOR CB 33
10'-0" WEST WINDSOR CB 34

** 12,000lbs. WEST WINDSOR CB 33
12,000lbs. WEST WINDSOR CB 34

NOTE: AT EACH INSTALLATION, HEIGHT AND WEIGHT SIGNS SHALL BE MOUNTED ON THE SAME POST.

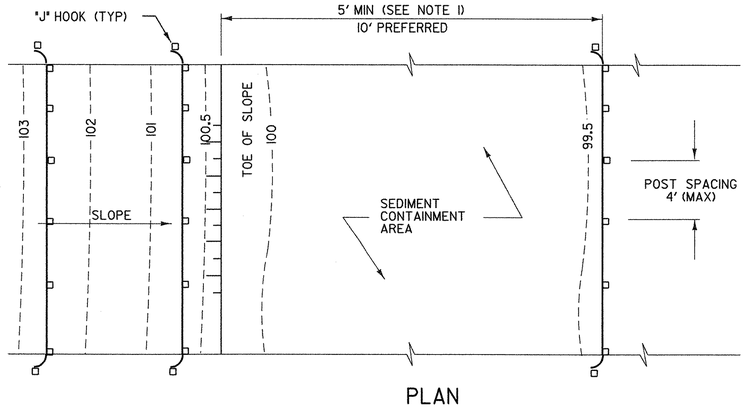
NOTE: SIGNS AND POSTS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER ITEM 675.20, TRAFFIC SIGNS, TYPE A, AND ITEM 675.301, FLANGED CHANNEL SIGN POST.

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

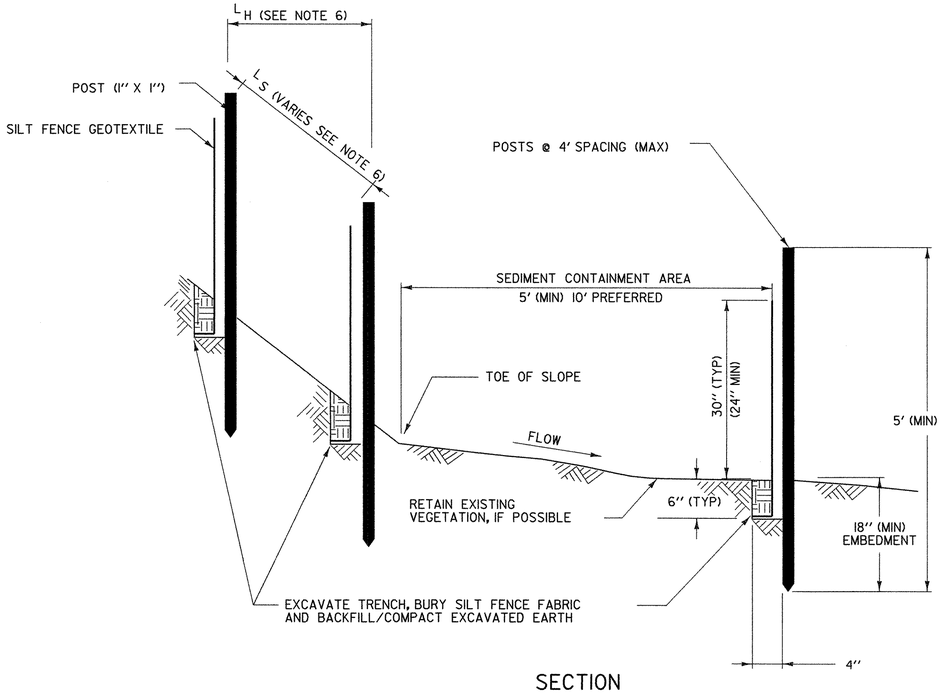
	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB
TOTALS																								
WOODSTOCK	12.5					22																		
W. WINDSOR	35					44																		
W. WINDSOR	35					44																		

PROJECTS:
SOUTHERN REGION

DESIGN FILE NAME: 04J170/Structures/04J170tss.dgn
IPARM FILE NAME: 04J170tss.I
DESIGNED BY: J. WEAVER
TRAFFIC SIGN SUMMARY SHEET
PLOT DATE: 06-APR-2007
DRAWN BY: J. WHITE
CHECKED BY: J. WEAVER
SHEET: 7 OF 8



PLAN



SECTION

SILT FENCE - TEMPORARY

SILT FENCE

APPLICATION NOTES:

A. THE PRIMARY PURPOSE OF SILT FENCE IS TO REDUCE RUNOFF VELOCITY AND TRAP SEDIMENT. VELOCITY IS REDUCED, WATER IS IMPOUNDED BEHIND THE MEASURE, AND SEDIMENT FALLS OUT OF SUSPENSION.

B. SILT FENCE SHALL BE INSTALLED ON A LINE OF EQUAL ELEVATION (CONTOUR). IT MAY BE INSTALLED AT INTERMEDIATE POINTS UP SLOPES AS WELL AS AT THE BOTTOM, AS SHOWN IN THE DETAIL.

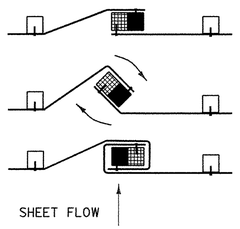
C. SILT FENCE SHALL NOT BE USED ACROSS CONCENTRATED FLOW.

GENERAL NOTES:

1. SILT FENCE SHALL GENERALLY BE PLACED A MINIMUM OF 5 FEET BEYOND TOE OF SLOPE, 10 FEET PREFERRED, TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND FACILITATE MAINTENANCE OF SEDIMENT CONTAINMENT AREA.
2. ALL ENDS SHALL BE "J" HOOKED TO TRAP SEDIMENT.
3. IN AREAS WITH TWO SLOPES, SILT FENCE SHALL BE USED TO ERECT A DAM AND TRAP SEDIMENT AT THE BASE OF THE STEEPER SLOPE.
4. THE BOTTOM EDGE OF SILT FENCE SHALL BE BURIED A MINIMUM OF 6 INCHES BELOW GROUND, AND KEYED IN 4 INCHES. THE FENCE SHALL BE INSTALLED WITH THE POSTS ON THE DOWNSTREAM SIDE OF THE FABRIC.
5. MAXIMUM DRAINAGE AREA TRIBUTARY TO 100 FEET OF SILT FENCE SHALL BE 0.25 ACRES.
6. THE FOLLOWING ARE MAXIMUM SLOPE LENGTHS FOR THESE MEASURES:

CONSTRUCTED SLOPE	SLOPE LENGTH (LS) FT	HORIZONTAL LENGTH (LH) FT
3 : 1	80	75
4 : 1	130	125
5 : 1	200	200
> 5 : 1	250	250

7. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE.
8. MEASURES SHALL BE CLEANED AND REPAIRED AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.
9. SILT FENCE SHALL BE REMOVED WHEN THE AREA HAS BEEN STABILIZED. AT TIME OF REMOVAL OF THE SILT FENCE, THE DISTURBED AREA SHALL BE REPAIRED AND STABILIZED.
10. PAYMENT FOR INSTALLATION AND REMOVAL OF SILT FENCE SHALL BE MADE UNDER THE GEOTEXTILE FOR SILT FENCE ITEM.
11. PAYMENT FOR MONITORING AND MAINTAINING SILT FENCE SHALL BE MADE UNDER THE MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN (N.A.B.I.) ITEM, UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.



1. PLACE THE END POST OF ONE FENCE INSIDE THE END POST OF THE OTHER FENCE.
2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL
3. DRIVE BOTH POSTS 18 INCHES INTO THE GROUND AND BURY THE FLAP IN THE TRENCH.

SPLICING DETAIL

EPSC-1

EROSION PREVENTION & SEDIMENT CONTROL DETAILS
SILT FENCE

PROJECTS:
SOUTHERN REGION

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