

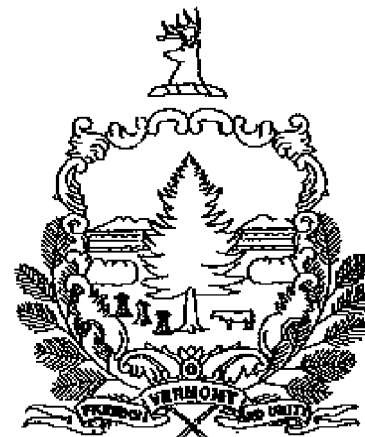
INDEX OF SHEETS

1. TITLE SHEET
2. LOCATION MAPS SHEET
3. GENERAL NOTES SHEET
4. BRIDGE INFORMATION SHEET
5. QUANTITY SHEET

VAOT STANDARD SHEETS

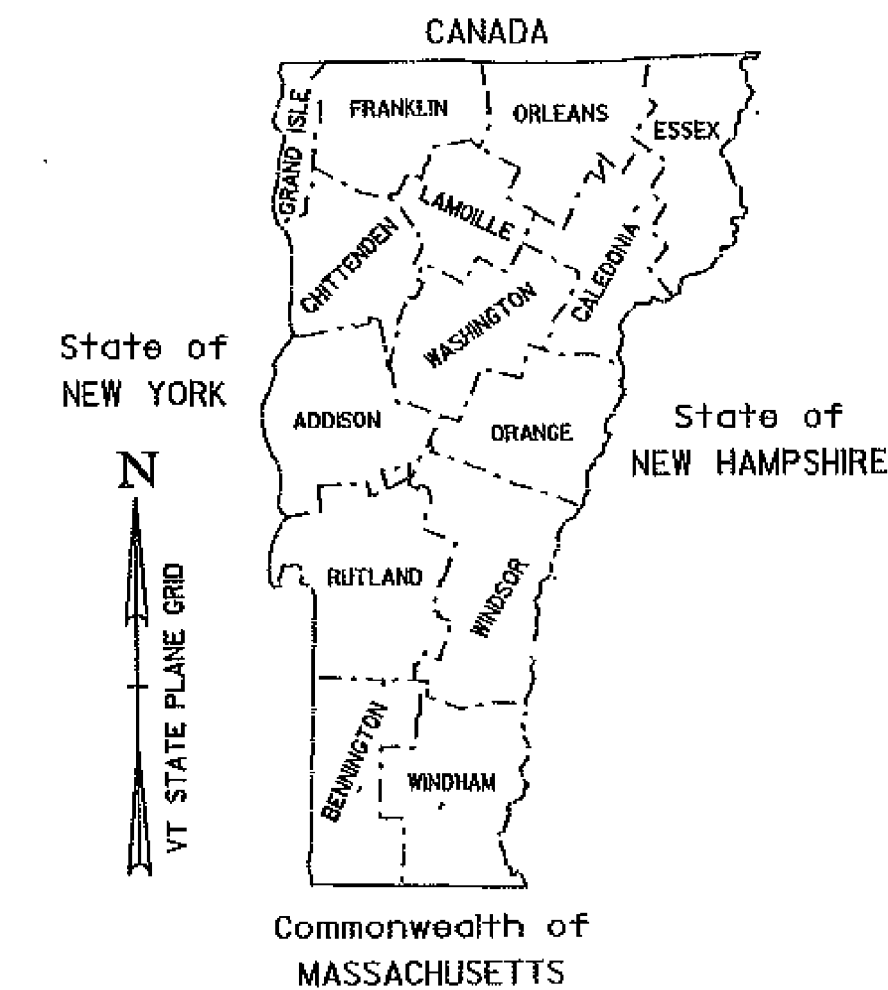
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|----------|----------|
| E - 100A | 01-06-97 |
| E - 102 | 08-08-95 |
| E - 102A | 08-08-95 |
| E - 107 | 08-08-95 |
| E - 107A | 08-08-95 |

STATE OF VERMONT AGENCY OF TRANSPORTATION



CONTRACT PLANS

THESE PLANS DO NOT REFLECT
CHANGES MADE ON THE PROJECT.



PROPOSED IMPROVEMENT BRIDGE PROJECT

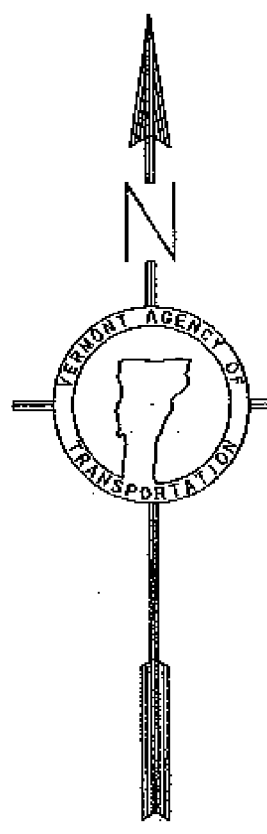
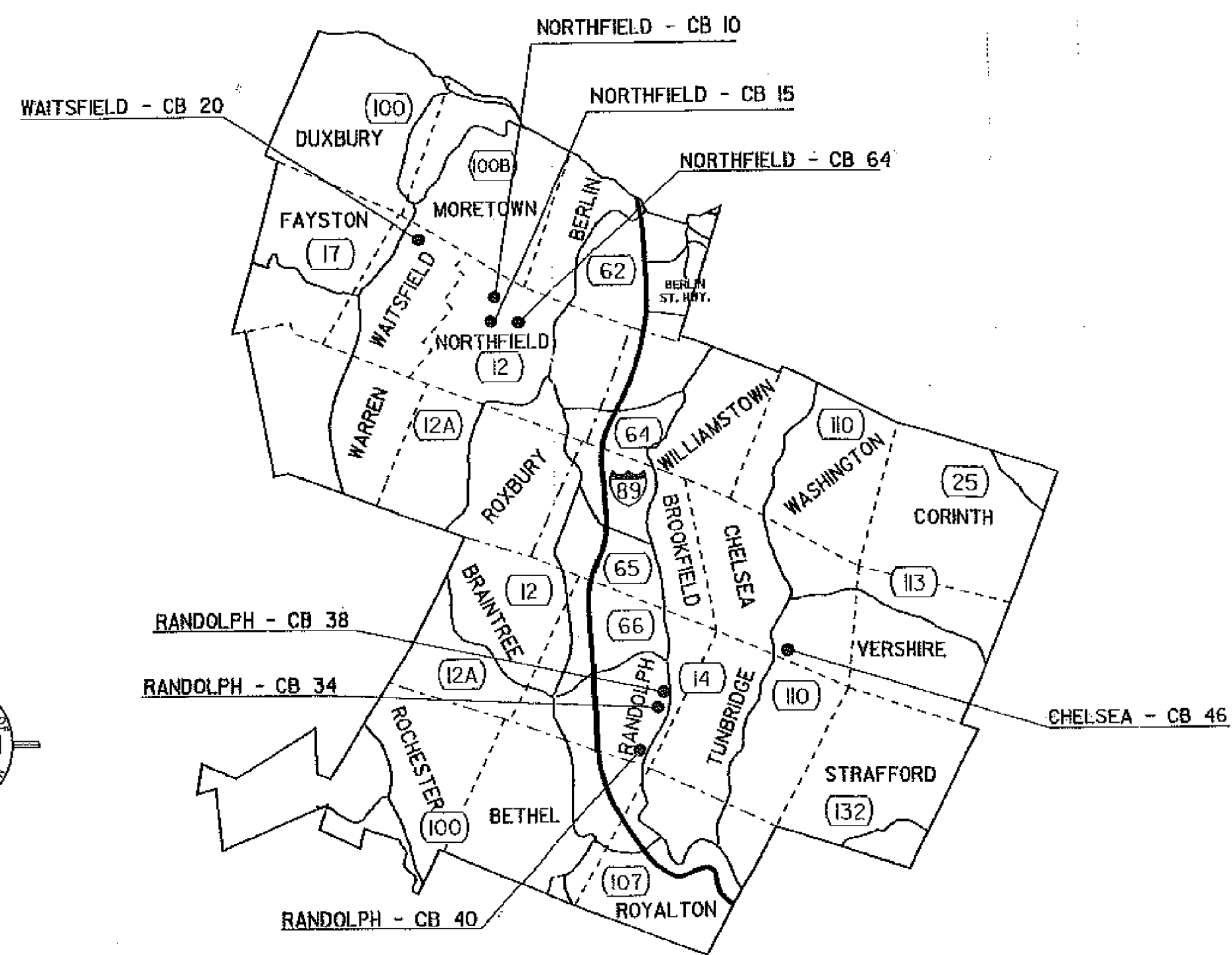
STATEWIDE - CENTRAL REGION BHO HBRP(8)

PROJECT DESCRIPTION

REMOVE EXISTING METAL ROOF AND REPLACE WITH STANDING SEAM METAL ROOF FOR 8 COVERED BRIDGES.

ALPINE CONSTRUCTION L.L.C.
Contractor
William P. Patenaude
Signature
Member
Title

Michelle Rene
Director of Finance and Administration
or Duly Authorized Agent
6/13/02
Date



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 : N/A
SURVEYED DATE : N/A

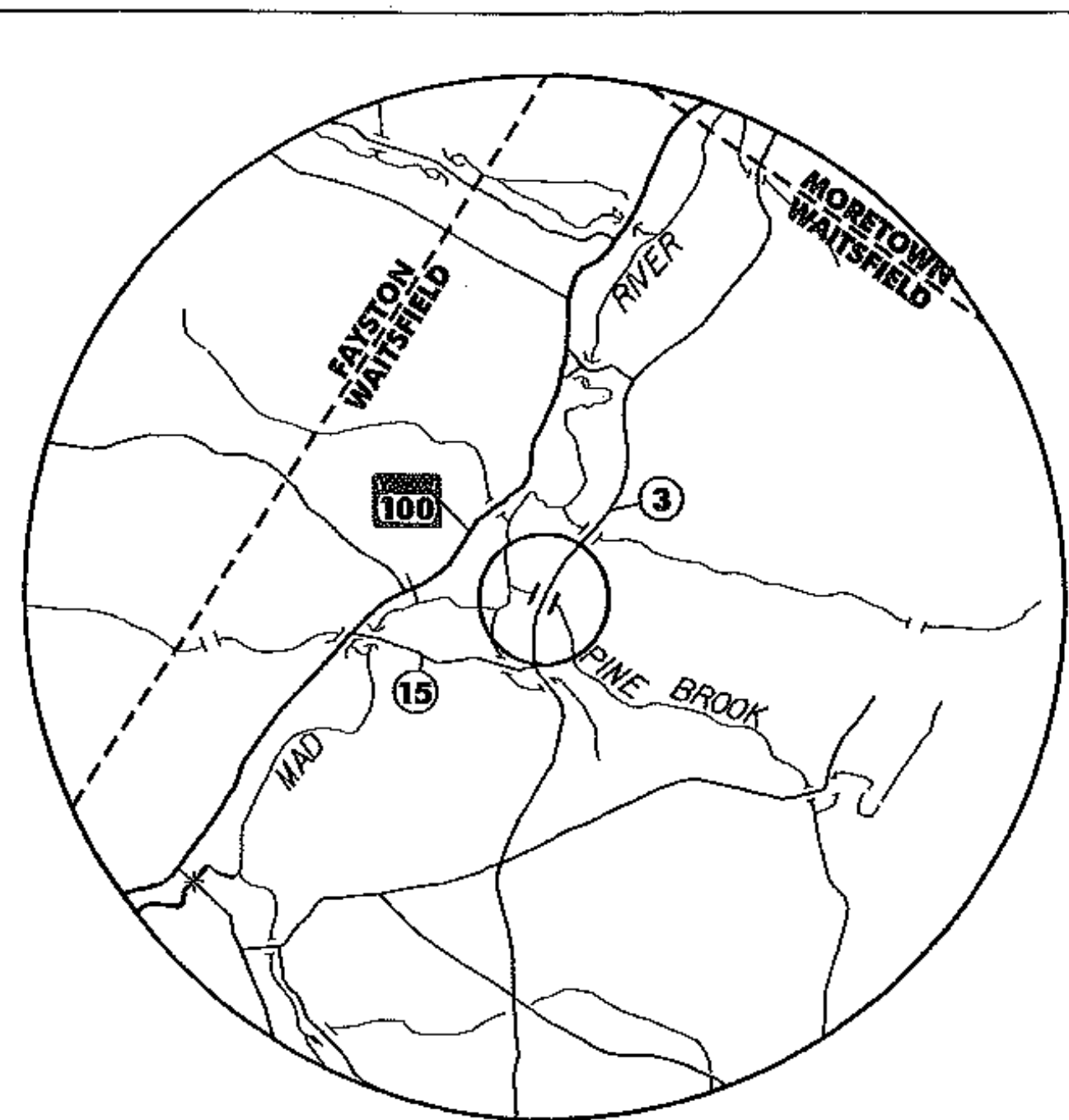
DATUM
VERTICAL N/A
HORIZONTAL N/A

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

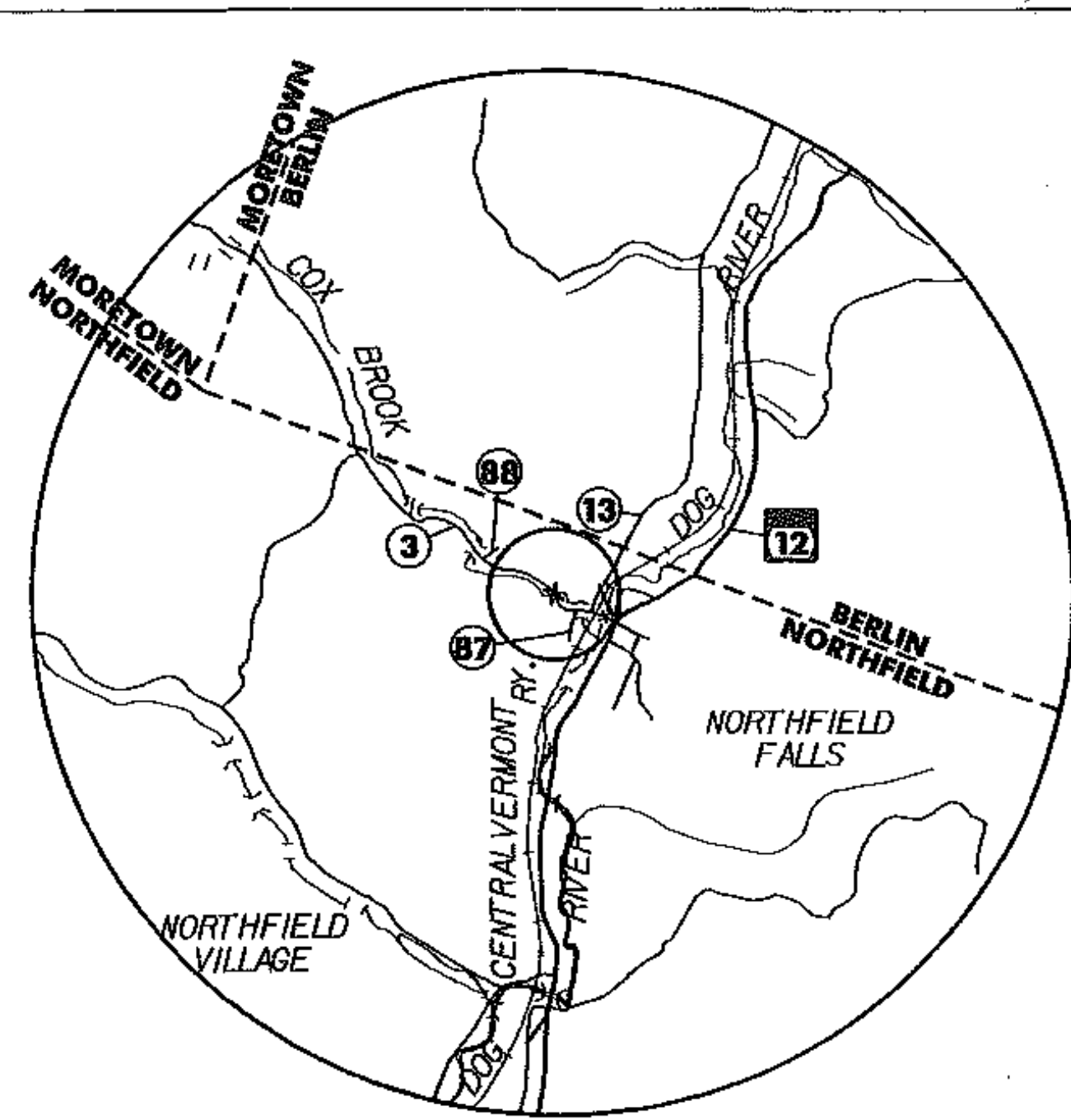
/01j250/str/sj250tit.dgn sj250tit-08.J

APPROVED for FEDERAL participation
For The Division Administrator
Federal Highway Administration
Date: Apr 24, 2002

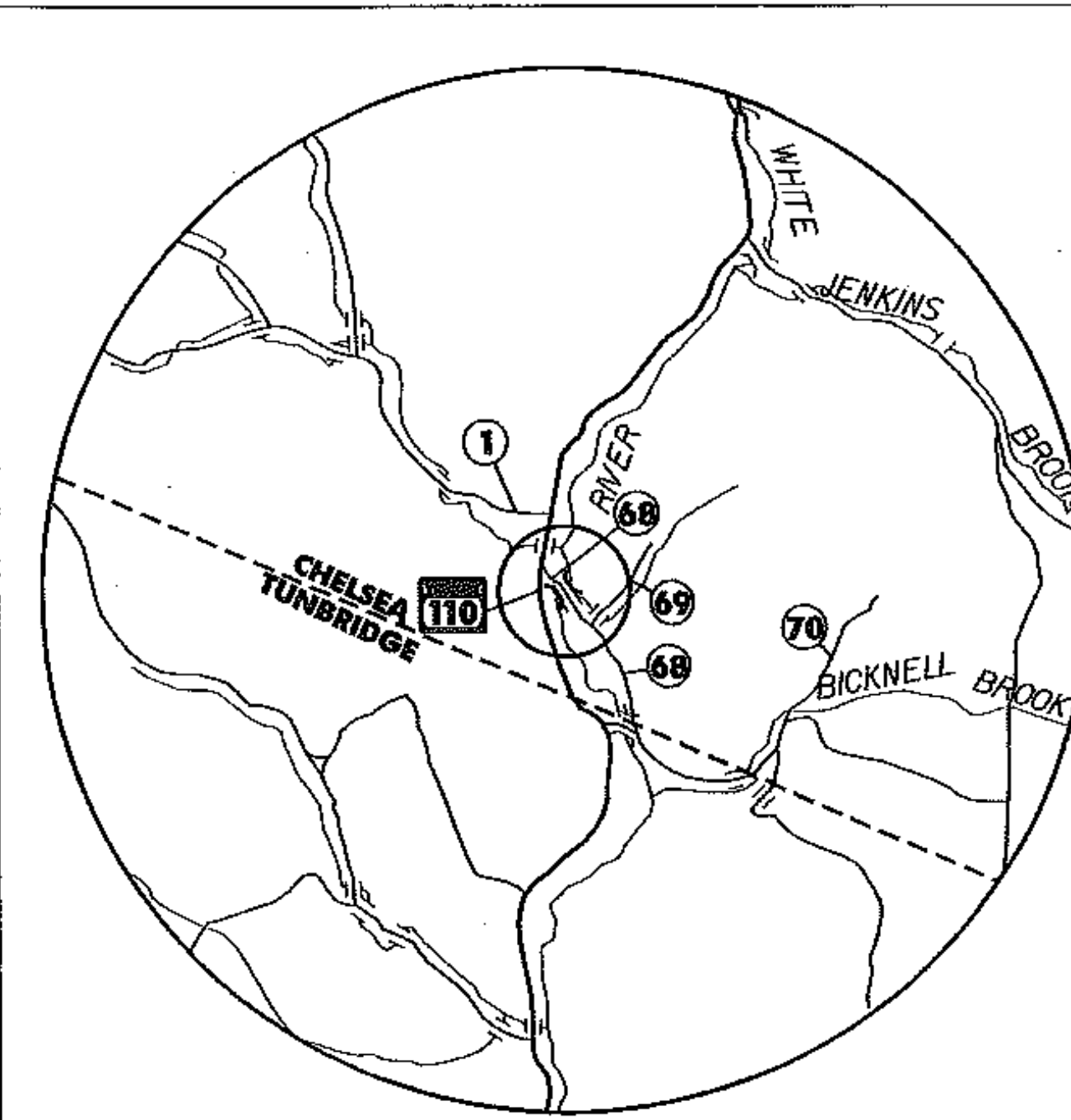
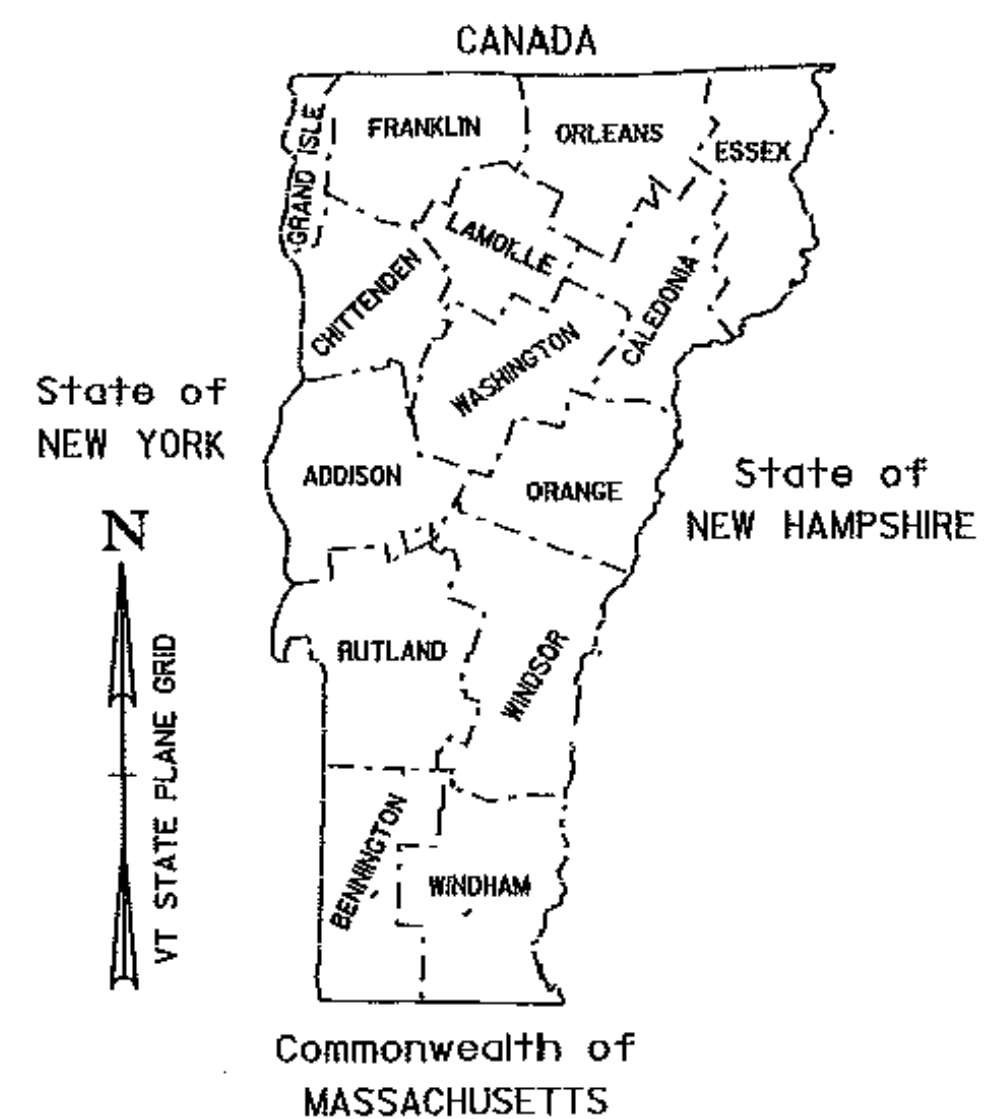
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR
APPROVED <u>[Signature]</u> DATE <u>April 24, 2002</u>
DIRECTOR OF PROJECT DEVELOPMENT
APPROVED <u>[Signature]</u> DATE <u>4/16/02</u>
PROJECT MANAGER : SUE SCRIBNER
PROJECT NAME : STATEWIDE-CENTRAL REGION
PROJECT NUMBER : BHO HBRP(8)
SHEET 1 OF 5 SHEETS



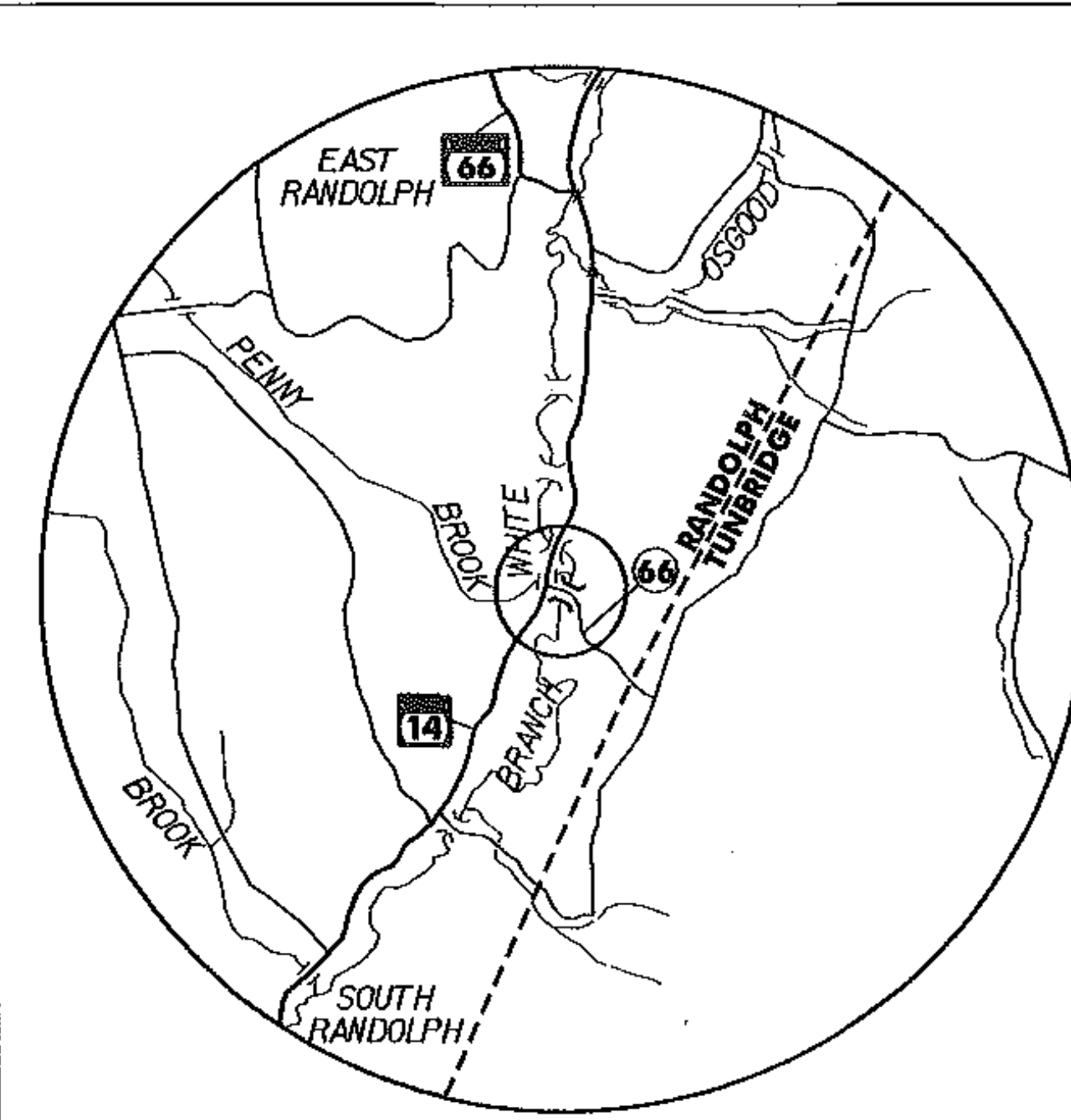
WAITSFIELD
PINE BROOK COVERED BRIDGE
CB 20



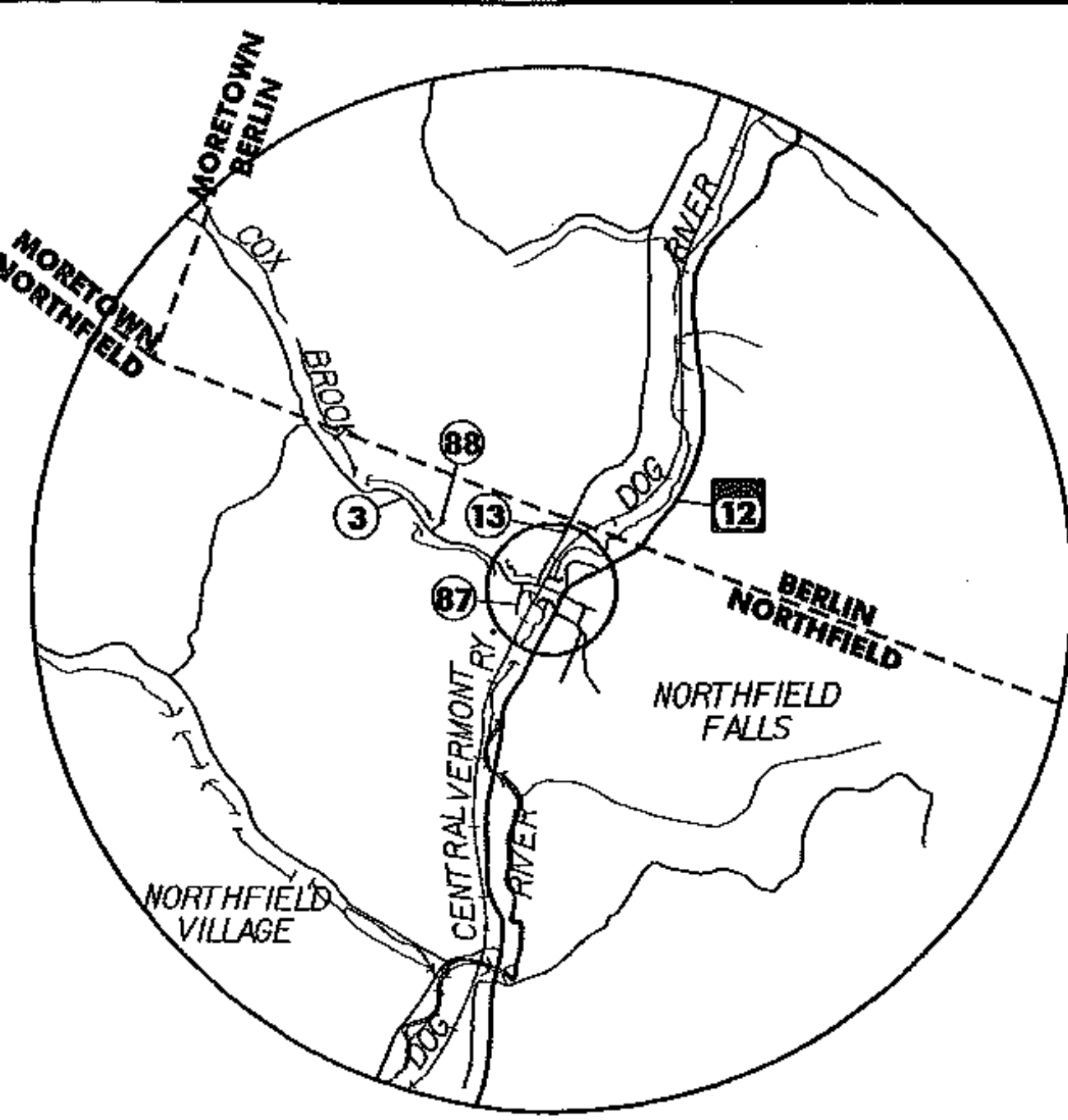
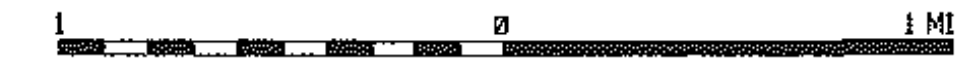
NORTHFIELD
UPPER COX COVERED BRIDGE
CB 10



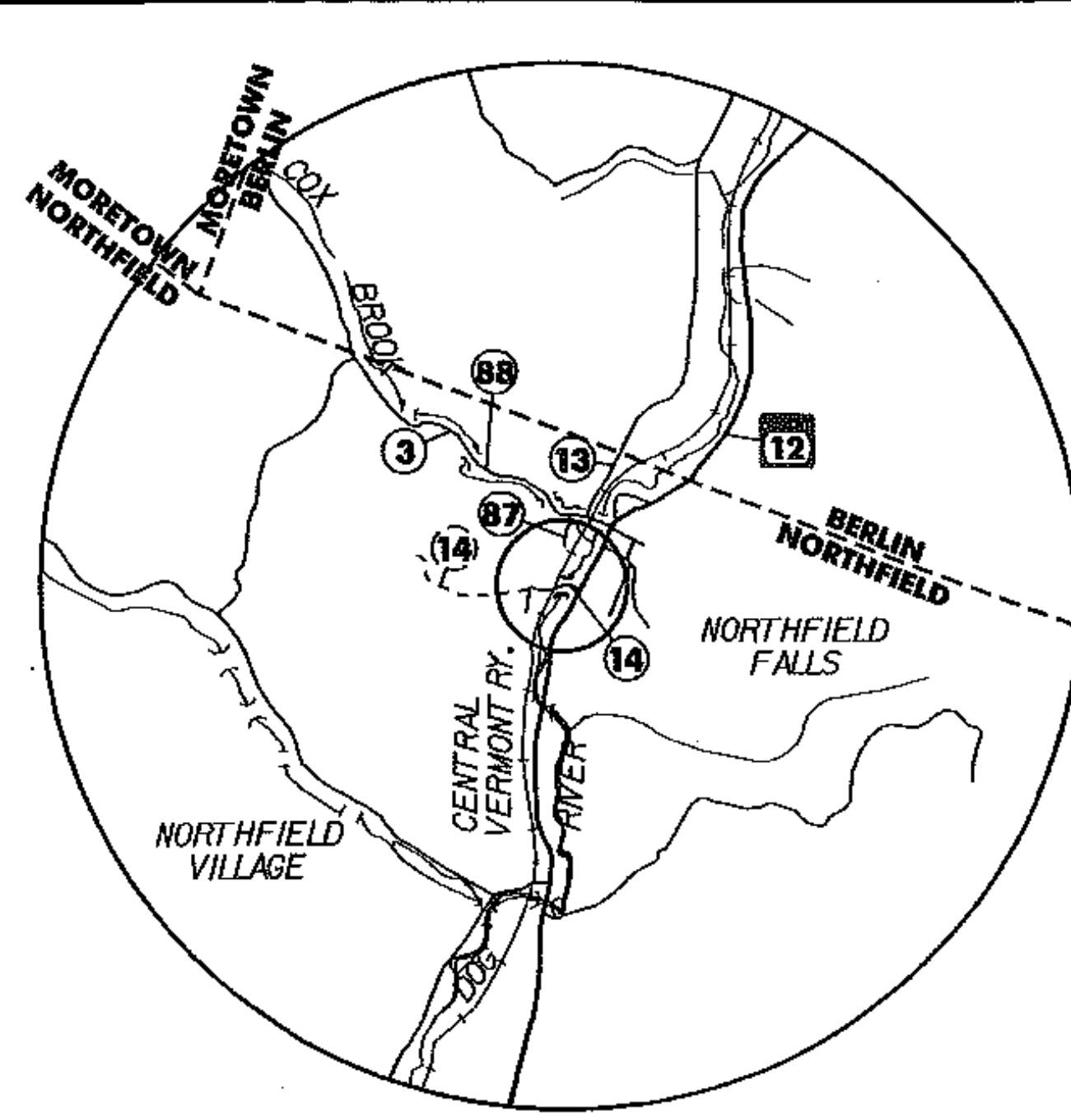
CHELSEA
MOXLEY COVERED BRIDGE
CB 46



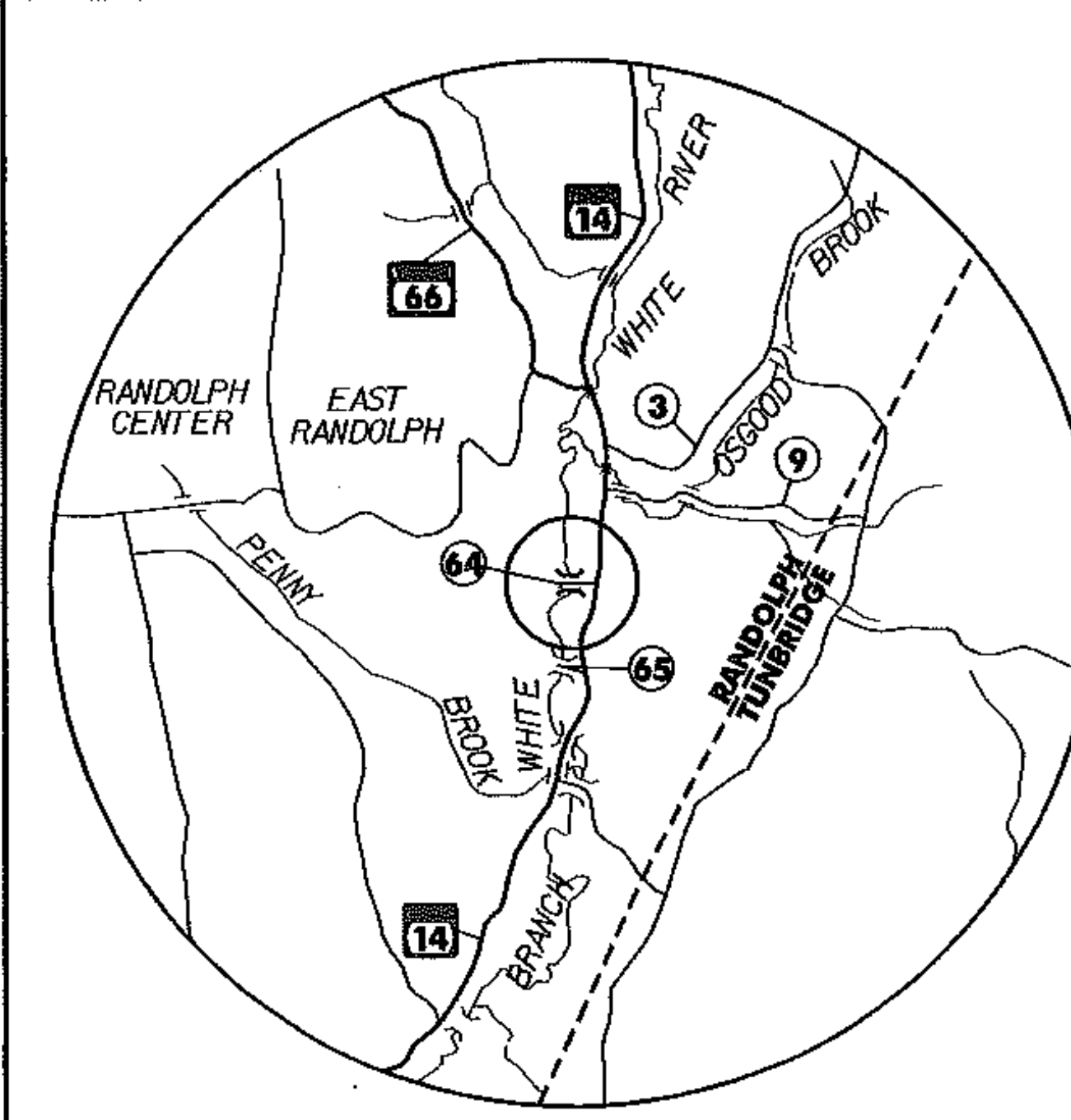
RANDOLPH
GIFFORD COVERED BRIDGE
CB 34



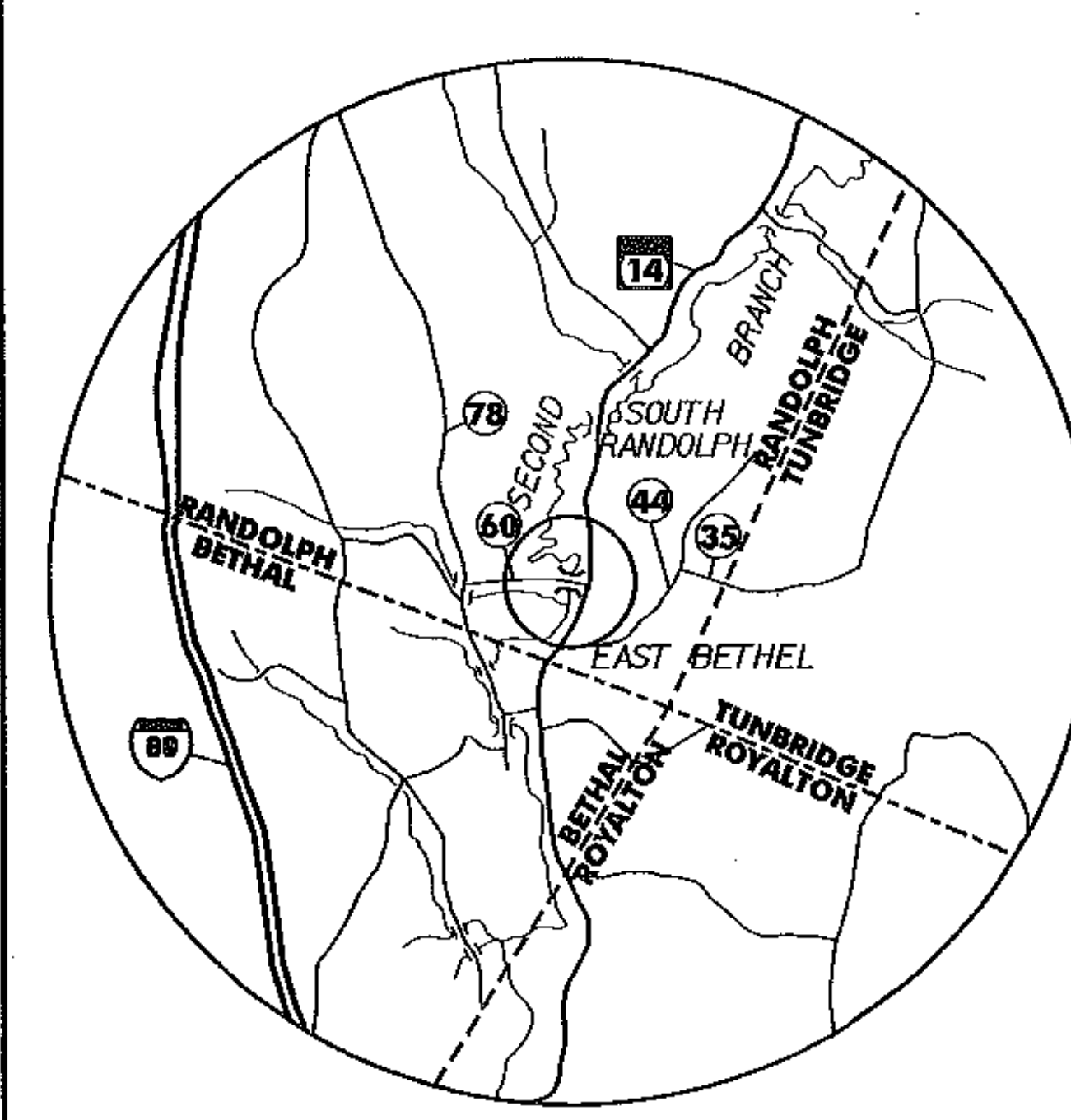
NORTHFIELD
NORTHFIELD FALLS COVERED BRIDGE
CB 15



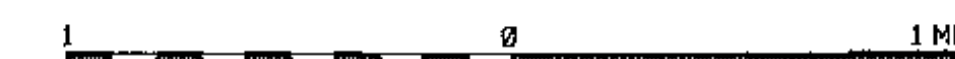
NORTHFIELD
NORTHFIELD FALLS COVERED BRIDGE
CB 64



RANDOLPH
BRALEY COVERED BRIDGE
CB 38



RANDOLPH
KINGSBURY COVERED BRIDGE
CB 40



PROJECT NAME: STATEWIDE- CENTRAL REGION

PROJECT NUMBER: BHO HBRP(8)

FILE NAME: /00J250/str/sj250map.dgn
PROJECT LEADER: SUE SCRIBNER
DESIGNED BY: M. GAGULIC
sj250map-08.I

PLOT DATE: 28-FEB-2002
DRAWN BY: R. PELLETT
CHECKED BY: M. GAGULIC
SHEET 2 OF 5

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001 ITS LATEST REVISIONS AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES DATED 1996 AND ITS LATEST REVISIONS.
2. ALL INFORMATION PROVIDED IN THE PLANS SHALL BE CHECKED AND VERIFIED PRIOR TO COMMENCING THE WORK.
3. THE ITEM NON-STRUCTURAL LUMBER - UNTREATED (522.30) SHALL BE USED TO REPLACE ROTTEN OR DAMAGED ROOF SHEATHING. THE QUANTITIES SHOWN ON SHEET 5 ARE ESTIMATES BASED ON VISUAL INSPECTION. THE LUMBER USED SHALL BE SPECIES = EASTERN SPRUCE, GRADE NO. 1 OR BETTER. THE MATERIAL USED SHALL BE ROUGH SAWN AND CLOSELY RESEMBLE THE DIMENSIONS (WIDTH AND THICKNESS) OF MATERIAL BEING REPLACED. GALVANIZED WOOD SCREWS SHALL BE USED; PAYMENT TO BE SUBSIDIARY TO ITEM 522.30.
4. THE ITEM 665.15 "REMOVE EXISTING ROOFING" INCLUDES THE COST OF REMOVING THE METAL ROOF AS WELL AS ANY UNSUITABLE SHEATHING, OR OTHER DECAYED ROOF MEMBERS AS ORDERED BY THE ENGINEER.
5. THE ROOFING COLOR FOR EACH SPECIFIED BRIDGE IS SHOWN ON SHEET 4.
6. THE REQUIREMENTS FOR WHETHER OR NOT EACH BRIDGE CAN BE CLOSED TO TRAFFIC ARE DETAILED ON SHEET 4. BRIDGES THAT WILL BE CLOSED DURING CONSTRUCTION WORK MAY BE CLOSED TO ALL PEDESTRIAN AND VEHICULAR TRAFFIC. THE CONTRACTOR WILL PROVIDE THE TOWNS WRITTEN NOTICE A MINIMUM OF 3 WEEKS PRIOR TO THE ANTICIPATED BRIDGE CLOSURE AND START OF WORK. THE CONTRACT INFORMATION FOR EACH TOWN AND OTHER PERTINENT INFORMATION ARE PROVIDED ON SHEET 4.
7. 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. NO PROVISIONS HAVE BEEN MADE TO GO OUTSIDE THE EXISTING RIGHT-OF-WAY. SHOULD THE CONTRACTOR REQUIRE ANY ADDITIONAL R.O.W. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL EASEMENTS.
8. IT IS ANTICIPATED THAT NO WORK WILL TAKE PLACE WITHIN THE AFFECTED STREAMBEDS. SHOULD THE CONTRACTORS REQUIRE ANY WORK IN THE STREAM, SUCH AS ERECTING STAGING, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL PERMITS.
9. GREAT CARE SHALL BE TAKEN BY THE CONTRACTOR TO PREVENT ANY MATERIAL FROM ENTERING THE AFFECTED STREAMBEDS PER SECTION 105 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. ANY MATERIAL THAT DOES ESCAPE THE CONTRACTORS CONTAINMENT SYSTEM WILL BE RECOVERED IMMEDIATELY.
10. 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 CONTRACTORS OPERATIONS WILL BE REPAIRED AT NO COST TO THE STATE. SHOULD THE CONTRACTOR DESIRE UTILITY RELOCATIONS FOR THEIR OWN BENEFIT, ALL COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
11. 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 THEIR 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 STATE.
12. 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 TRAFFIC CONTROL AS DETAILED IN STANDARDS 107 AND 107A. 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.
13. ALL REMOVED MATERIAL WILL BECOME PROPERTY OF CONTRACTOR.
14. ALL WORK SHALL BE DONE BRIDGE BY BRIDGE. ONCE A BRIDGE IS CLOSED, ALL WORK WILL BE DONE CONTINUOUSLY, WITH THE INTENT ON MINIMIZING HOW LONG A BRIDGE IS CLOSED TO TRAFFIC AND UNDER CONSTRUCTION. THIS MEANS THE REMOVAL OF ROOF, REPAIR OF SHEATHING AND PLACEMENT OF THE NEW ROOF WILL PROGRESS ON A CONTINUOUS BASIS. ONCE THE CONTRACTOR STARTS ON A BRIDGE, THE CONTRACTOR IS REQUIRED TO CONTINUE WORKING (A MINIMUM OF 5, EIGHT HOUR DAYS PER WEEK) ON EACH BRIDGE UNTIL THE WORK IS COMPLETED. THE BRIDGE WILL BE PROTECTED AGAINST THE ELEMENTS AT ALL TIME. ONCE THE ROOF REMOVAL BEGINS, THE CONTRACTOR WILL KEEP THE ROOF COVERED WITH WATERPROOF TARPS UNTIL SUCH TIME AS THE NEW ROOF IS INSTALLED. PAYMENT FOR THE PROTECTIVE COVERING IS INCLUDED IN THE ITEM 665.18 METAL ROOFING.
15. THE INTENT OF THE PROJECT IS TO REPLACE DEFICIENT ROOFS. THIS WORK SHOULD BE ACCOMPLISHED WITHOUT HAVING TO PERFORM STRUCTURAL REPAIRS TO THE ROOF SYSTEM. IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS A ROOF RAFTER OR OTHER ELEMENT THAT MUST BE REPLACED, THE ITEM 522.20 STRUCTURAL LUMBER TIMBER - UNTREATED WILL BE USED. SPECIES TO BE EASTERN SPRUCE, GRADE 1 OR BETTER. A NOMINAL QUANTITY HAS BEEN SUPPLIED AS AN ESTIMATE ONLY. THIS WORK REQUIRES APPROVAL FROM THE PROJECT MANAGER PRIOR TO ITS USE.

PROJECT NAME:	STATEWIDE- CENTRAL REGION		
PROJECT NUMBER:	BHO HBRP(8)		
FILE NAME:	sj250note-08.xls	PLOT DATE:	2/28/02
PROJECT LEADER:	SUE SCRIBNER	DRAWN BY:	R. PELLETT
DESIGNED BY:	M. GAGULIC	CHECKED BY:	M. GAGULIC
GENERAL NOTES SHEET #1		SHEET	3 OF 5

PROJECT INFORMATION

	TOWN	COUNTY	BRIDGE NAME	BRIDGE NUMBER	ROUTE NUMBER	BRIDGE LENGTH	ESTIMATED ROOF AREA	AVAILABLE ROW	COLOR OF NEW ROOF	CAN BRIDGE BE CLOSED DURING CONSTR. WORK *	MUNICIPAL CONTACT FOR NOTIFICATION
1.	WATSFIELD	WASHINGTON	PINE BROOK COVERED BRIDGE	CB 20	TH 3	52'	1360 SQ.FT.	3 ROD	BLACK	YES, EXCEPT DURING SCHOOL AND FOLIAGE	BILL BRYANT, TOWN ADMINISTRATOR 9 BRIDGE ST. WATSFIELD, VT 05673 TEL: (802) 496 - 2218
2.	NORTHFIELD	WASHINGTON	UPPER COX COVERED BRIDGE	CB 10	TH 3	54'	1250 SQ.FT.	50 FEET	SILVER	NO	WILLIAM C. LYON, SUPERINTENDENT. 51 SOUTH MAIN ST. NORTHFIELD, VT 05663 TEL: (802) 485 - 6121
3.	NORTHFIELD	WASHINGTON	NORTHFIELD FALLS COVERED BRIDGE	CB 15	TH 3	139'	3860 SQ.FT.	50 FEET	SILVER	NO, POSSIBLY FOR SHORT TIME PERIOD	WILLIAM C. LYON, SUPERINTENDENT 51 SOUTH MAIN ST. NORTHFIELD, VT 05663 TEL: (802) 485 - 6121
4.	NORTHFIELD	WASHINGTON	SLAUGHTER HOUSE COVERED BRIDGE	CB 64	TH 14	66'	1380 SQ.FT.	50 FEET	SILVER	NO	WILLIAM C. LYON, SUPERINTENDENT 51 SOUTH MAIN ST. NORTHFIELD, VT 05663 TEL: (802) 485 - 6121
5.	CHELSEA	ORANGE	MOXLEY COVERED BRIDGE	CB 46	TH 68	61'	1500 SQ.FT.	3 ROD	SILVER	YES	JANE CUSHMAN, ADMINISTRATIVE ASSISTANT PO BOX 266 CHELSEA, VT 05038 TEL: (802) 685 - 7801
6.	RANDOLPH	ORANGE	GIFFORD COVERED BRIDGE	CB 34	TH 66	57'	1700 SQ.FT.	3 ROD	BLACK	YES, EXCEPT FOR MUD SEASON	MEL ADAMS, TOWN MANAGER PO DRAWER B, RANDOLPH, VT 05060 TEL: (802) 728 - 5433
7.	RANDOLPH	ORANGE	BRALEY COVERED BRIDGE	CB 38	TH 64	37'	900 SQ.FT.	3 ROD	BLACK	NO	MEL ADAMS, TOWN MANAGER PO DRAWER B, RANDOLPH, VT 05060 TEL: (802) 728 - 5433
8.	RANDOLPH	ORANGE	KINGSBURY COVERED BRIDGE	CB 40	TH 60	54'	1500 SQ.FT.	3 ROD	BLACK	YES	MEL ADAMS, TOWN MANAGER PO DRAWER B, RANDOLPH, VT 05060 TEL: (802) 728 - 5433

* - SEE GENERAL NOTE 6

PROJECT NAME:	STATEWIDE-CENTRAL REGION
PROJECT NUMBER:	BHO HBRP (8)
FILE NAME:	/OJ250/str/sj250Info.dgn
PROJECT LEADER:	SUE SCRIBNER
DESIGNED BY:	M. GAGULIC
sj250Info-08.1	
PLOT DATE:	28-FEB-2002
DRAWN BY:	M. GAGULIC
CHECKED BY:	M. GAGULIC
SHEET	4 OF 5

QUANTITY SHEET

SUMMARY OF ESTIMATED QUANTITIES										TOTALS				DESCRIPTIONS		DETAILED SUMMARY OF QUANTITIES		
LOCATION NO. 1	LOCATION NO. 2	LOCATION NO. 3	LOCATION NO. 4	LOCATION NO. 5	LOCATION NO. 6	LOCATION NO. 7	LOCATION NO. 8	BRIDGE QUANTITY	ROUND	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS	
0.01	0.01	0.04	0.01	0.02	0.02	0.01	0.02	0.14	EST.	0.14		MFBM	STRUCTURAL LUMBER AND TIMBER - UNTREATED	522.20				
0.68	0.38	1.16	0.41	0.08	0.09	0.32	0.53	3.63	EST.	3.63		MFBM	NON - STRUCTURAL LUMBER-UNTREATED	522.30				
0.10	0.09	0.29	0.10	0.11	0.13	0.07	0.11	1.00		1.00		LS	MOBILIZATION	635.10				
	40	40	40				40	160		160		HOUR	FLAGGERS	630.15				
1								1		1		LS	TRAFFIC CONTROL (WAITSFIELD, CB 20, LOCATION NO. 1)	641.10				
	1							1		1		LS	TRAFFIC CONTROL (NORTHFIELD, CB 10, LOCATION NO. 2)	641.10				
		1						1		1		LS	TRAFFIC CONTROL (NORTHFIELD, CB 15, LOCATION NO. 3)	641.10				
			1					1		1		LS	TRAFFIC CONTROL (NORTHFIELD, CB 64, LOCATION NO. 4)	641.10				
				1				1		1		LS	TRAFFIC CONTROL (CHELSEA, CB 46, LOCATION NO. 5)	641.10				
					1			1		1		LS	TRAFFIC CONTROL (RANDOLPH, CB 34, LOCATION NO. 6)	641.10				
						1		1		1		LS	TRAFFIC CONTROL (RANDOLPH, CB 38, LOCATION NO. 7)	641.10				
							1	1		1		LS	TRAFFIC CONTROL (RANDOLPH, CB 40, LOCATION NO. 8)	641.10				
1360	1250	3860	1380	1500	1700	900	1500	13450		13450		SF	REMOVING EXISTING ROOF	665.15				
1360	1250	3860	1380	1500	1700	900	1500	13450		13450		SF	METAL ROOFING	665.18				