

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 PROJECT TYPICAL SHEET
- 3 PAVING AND BITUMINOUS GUTTER DETAIL SHEET
- 4-5 GUARD RAIL DETAIL SHEETS
- 6 DITCH CLEANING DETAIL SHEET
- 7-8 QUANTITY SHEETS
- 9 ITEM DETAIL SUMMARY SHEET
- 10-33 LAYOUT SHEETS
- 34-35 TRAFFIC SIGN SUMMARY SHEETS
- 36 CONSTRUCTION APPROACH SIGNING SHEET

VTrans STANDARDS

D-15M	CAST IRON GRATE, TYPE D	06-13-97
E-100M	CONSTRUCTION APPROACH SIGNS	06-13-97
E-100AM	SIDE ROAD CONSTRUCTION APPROACH SIGNS	02-02-98
E-101M	CONSTRUCTION SIGN DETAILS	06-13-97
E-102M	CONSTRUCTION SIGN DETAILS	06-13-97
E-102AM	CONSTRUCTION SIGN DETAILS	06-13-97
E-103M	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED	09-24-98
E-106M	TRAFFIC CONTROL MISCELLANEOUS DETAILS	06-13-97
E-107M	CONSTRUCTION AREA BARRICADES AND DELINEATION	06-13-97
E-107AM	BREAKAWAY BARRICADE DETAILS	06-13-97
E-108M	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	06-13-97
E-110M	MAJOR MAINTENANCE OPERATION LANE CLOSURE	06-13-97
E-120M	STANDARD SIGN PLACEMENT EXPRESSWAY	06-13-97
E-121M	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	06-13-97
E-123M	GUIDE SIGN PLACEMENT MISCELLANEOUS DETAILS	06-13-97
E-136BM	STATE ROUTE MARKER SIGN DETAILS	06-13-97
E-138M	REFERENCE PLAQUE DETAILS	06-13-97
E-141M	REGULATORY SIGN DETAILS	06-13-97
E-143M	REGULATORY SIGN DETAILS	06-13-97
E-144M	REGULATORY SIGN DETAILS	03-29-99
E-150M	WARNING SIGN DETAILS	06-13-97
E-160M	FLANGED CHANNEL STEEL SIGN POST	06-13-97
E-161M	W-SHAPED STEEL SIGN POST	06-13-97
E-162M	TUBULAR ALUMINUM SIGN POST	06-13-97
E-163M	TUBULAR STEEL SIGN POST	06-13-97
E-164M	SQUARE STEEL SIGN POST	06-13-97
E-175M	POWER DROP STANCHIONS	11-04-99
E-191M	PAVEMENT MARKING DETAILS	02-01-99
E-192M	PAVEMENT MARKING DETAILS	12-28-98
E-193M	PAVEMENT MARKING DETAILS	06-13-97
G-1M	STEEL BEAM GUARD RAIL	01-03-00
G-1dM	STEEL BEAM GUARD RAIL	01-03-00
G-19 M	GENERIC GRADING PLANS FOR GUARD RAIL END TERMINALS	10-21-98
SB-R6-82M	BRIDGE RAILING HEAVY DUTY STEEL BEAM	07-10-97

STATE OF VERMONT
AGENCY OF TRANSPORTATION



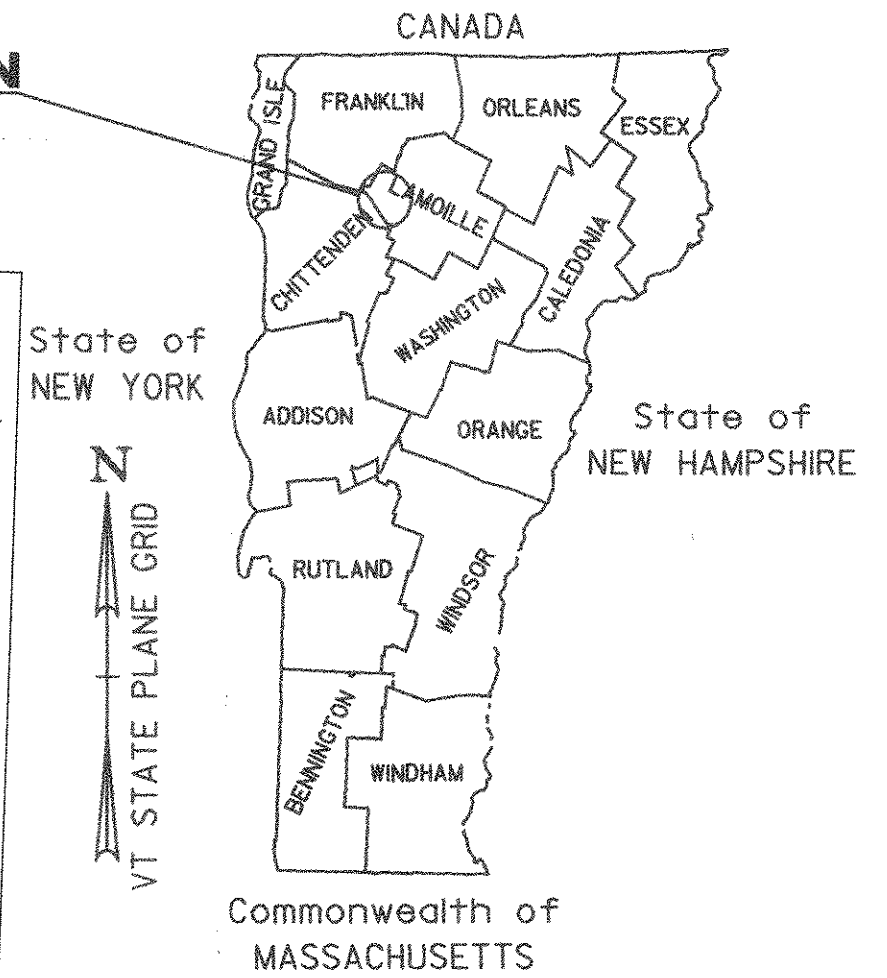
PROPOSED IMPROVEMENT
TOWNS OF UNDERHILL, WESTFORD
AND CAMBRIDGE
COUNTIES OF CHITTENDEN AND LAMOILLE
VT ROUTE 15

BEGINNING IN THE TOWN OF UNDERHILL ON VT ROUTE 15 AT STA. 7+056.97 (MM 4.385) AND EXTENDING EASTERLY ALONG VT ROUTE 15 FOR A DISTANCE OF 8885.20 M (5.521 MILES) TO STA. 3+444.00 (MM 2.140) IN THE TOWN OF CAMBRIDGE.

PROJECT DATA	LENGTH (M)	LENGTH (MILES)
TOWN OF UNDERHILL, VT ROUTE 15 STA. 7+056.97 TO STA. 7+956.60 MM 4.385 TO MM 4.944	= 899.63	0.559
TOWN OF WESTFORD, VT ROUTE 15 STA. 0+000.00 TO STA. 4+541.57 MM 0.000 TO MM 2.822	= 4541.57	2.822
TOWN OF CAMBRIDGE, VT ROUTE 15 STA. 0+000.00 TO STA. 3+444.00 MM 0.000 TO MM 2.140	= 3444.00	2.140
TOTAL LENGTH OF PROJECT	= 8885.20	5.521
TOTAL LENGTH OF ROADWAY	= 8885.20	5.521

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, LEVELING AND RESURFACING OF THE EXISTING HIGHWAY, NEW PAVEMENT MARKINGS, GUARD RAIL, DITCHING AND INCIDENTAL ITEMS.

PROJECT LOCATION STP 2212(1)S



RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES - BERLIN, VT

RESIDENT ENGINEER: D. WARNER

CONSTRUCTION BEGAN: JUNE 21, 2002

CONSTRUCTION COMPLETE: NOVEMBER 6, 2002

RECORD PLANS BY: D. WARNER

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

BY: *D. Warner* RESIDENT ENGINEER

DATE: 07/23/03

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

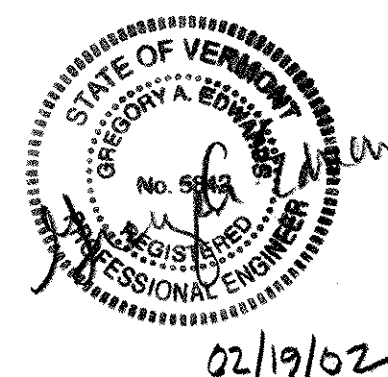
TRAFFIC DATA
VT ROUTE 15

LOCATION	ADT		DHV		ESALS (2002- 2012)
	2002	2012	2002	2012	
BEGINNING OF PROJECT TO VT ROUTE 104	5400	6300	720	820	1,343,000
VT ROUTE 104 TO END OF PROJECT	7500	8800	930	1000	1,740,000

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA

DESIGN LANE / DESIGN LIFE ESAL	2,108,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	58-34

NOTE:
RIGHT-OF-WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY PURPOSES.
UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN "NOT TO SCALE".



CONVENTIONAL SYMBOLS

COUNTY LINE	— — — — —
TOWN LINE	— — — — —
LIMITS OF ACCESS	— — — — —
POINT OF ACCESS	X
FENCE LINE	— x — x — x — x —
STONE WALL	— o — o — o — o — o — o —
TRAVELED WAY	— — — — —
GUARD RAIL	— o — o — o — o — o — o —
RAILROAD	— — — — —
SURVEY LINE	— — — — —
CULVERT	— — — — —
POWER POLE	— o —
TELEPHONE POLE	— o —
TREES	— * —
CONTROL OF ACCESS	— // — // — // —
PROPERTY LINE	— — — — —
R.O.W. TAKING LINE	— SR — SR — SR —
SLOPE RIGHTS	— o — o — o —
TOP OF CUT	— o — o — o —
TOE OF SLOPE	— o — o — o —

UTILITY LEGEND

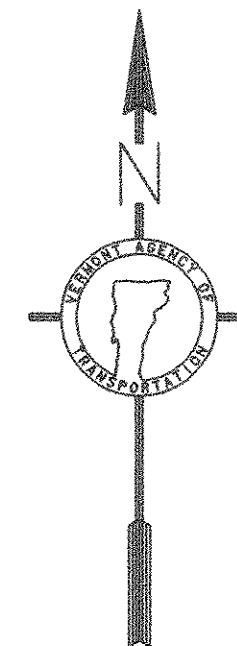
- = EXISTING HYDRANT
- = EXISTING DI
- = EXISTING MANHOLE
- TEL = EXISTING TELEPHONE MANHOLE
- ELEC = EXISTING ELECTRIC MANHOLE
- SMH = EXISTING SEWER MANHOLE
- W S O = EXISTING WATER SHUTOFF
- G S O = EXISTING GAS SHUTOFF
- ♯ = EXISTING MAILBOX

SIGN LEGEND

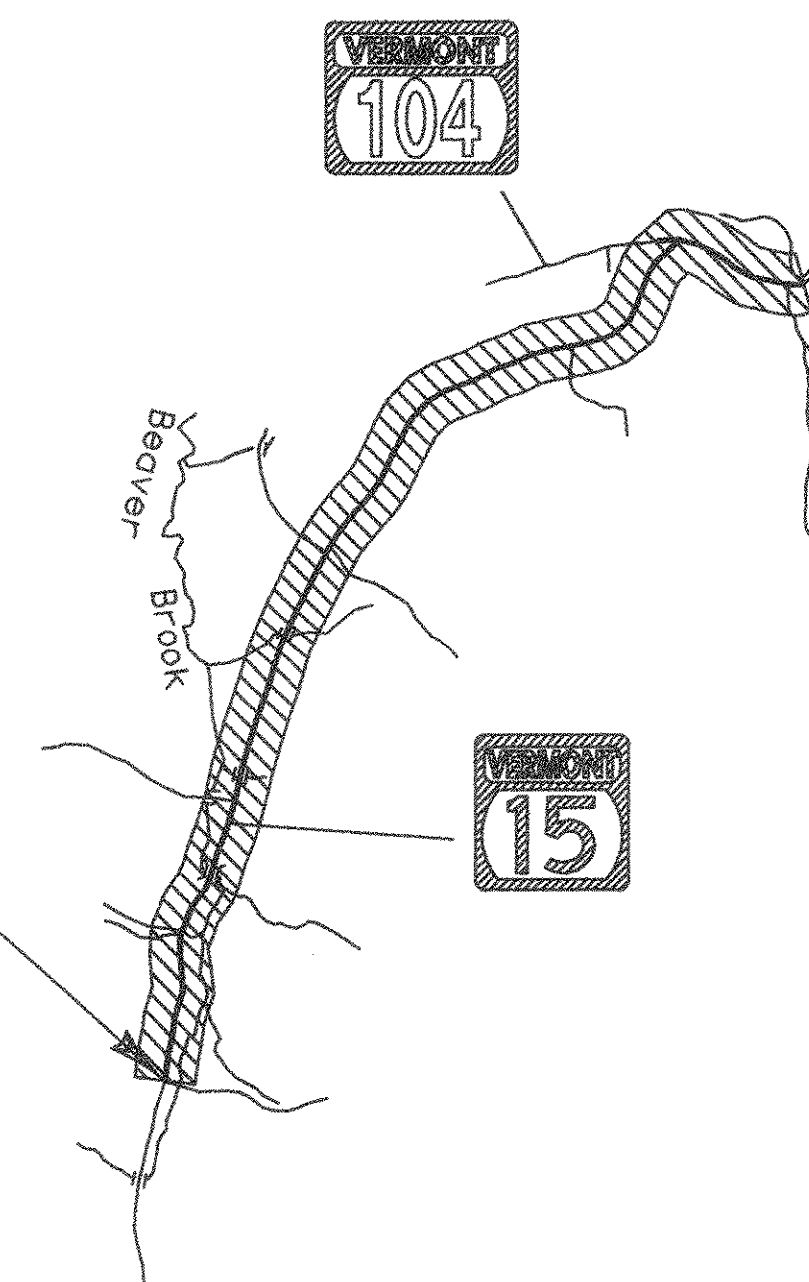
- N = NEW
- R = REMOVE
- R&S = REMOVE & SALVAGE
- S = SALVAGE SIGN
- RET = RETAIN
- B-B = BACK TO BACK

SURVEYED BY : D-H
SURVEYED DATE : MAY 2000

DATUM
VERTICAL: N/A
HORIZONTAL: N/A



**BEGIN STP 2212(1)S
VT ROUTE 15
UNDERHILL
STA. 7+056.97 (MM 4.385)**



**END STP 2212(1)S
VT ROUTE 15
CAMBRIDGE
STA. 3+444.00 (MM 2.140)**

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.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATOR

APPROVED _____ DATE _____

DIRECTOR OF PROJECT DEVELOPMENT

APPROVED *D. Warner* DATE 7/23/03

PROJECT MANAGER *D. Warner*

PROJECT NAME : UNDERHILL - CAMBRIDGE
PROJECT NUMBER : STP 2212(1)S

SHEET 1 OF 36 SHEETS