

**INDEX OF SHEETS**

- 1 TITLE SHEET
- 2-3 GENERAL NOTES
- 4 APRON TYPICALS & DETAILS
- 5 EROSION, STRIPING & TIEDOWN DETAILS
- 6 DRAINAGE DETAILS
- 7 ELECTRICAL DETAILS
- 8 LIGHTED HOLD SIGN DETAILS
- 9 RUNWAY HOLD LINE/HOLD SIGN LOCATIONS
- 10 PROJECT WORK AREA PLAN
- 11 CONSTRUCTION PHASING PLAN
- 12-13 CONSTRUCTION PLANS
- 14-15 STRIPING AND TIEDOWN PLANS
- 16 PIPE PROFILES
- 17 CROSS SECTION & PROFILE

**VTrans STANDARDS**

AP-2	LIGHTING & ELECTRICAL DETAILS	6/1/94
AP-3	MISC. AIRPORT DETAILS	6/1/94
AP-11	TAXIWAY AND APRON MARKING DETAILS	6/1/94
AP-12	SIGN SYSTEMS	6/1/94
D-15	PRECAST REINFORCED CONCRETE CATCH BASIN W/CAST IRON GRATE WITH FRAME TYPE D	6/1/94
D-16	RCP END SECTION	6/1/94

ITEM	DESCRIPTION	UNIT	QUANTITY
203.15	COMMON EXCAVATION	CY	3700
203.16	SOLID ROCK EXCAVATION	CY	16
204.20	TRENCH EXCAVATION OF EARTH	CY	240
404.65	EMULSIFIED ASPHALT	CWT	60
406.50	ASPHALT PRICE ADJUSTMENT (NAB1)	LU	1
524.11	JOINT SEALER HOT POURED	LF	1180
601.0005	12" CSP .064 (2-2/3 X 1/2)	LF	16
601.0010	15" CSP .064 (2-2/3 X 1/2)	LF	24
601.0015	18" CSP .064 (2-2/3 X 1/2)	LF	8
601.0025	24" CSP .064 (2-2/3 X 1/2)	LF	4
601.0811	15" RCP CLASS IV	LF	182
601.0816	18" RCP CLASS IV	LF	199
601.6815	18" RCPES CLASS III	EACH	1
601.995	CLEANING CULVERT PIPE IN PLACE (0-24" DIA. INCLUSIVE)	LF	1470
604.20	PRECAST REINFORCED CONC. CATCH BASIN W/CAST IRON GRATE	EACH	8
604.21	PRECAST REINFORCED CONC. MANHOLE W/CAST IRON COVER (MOD.) (ELECTRIC MANHOLE)	EACH	4
604.40	CHANGING ELEV. OF DROP INLETS, CATCH BASINS OR MANHOLES	EACH	2
609.10	DUST CONTROL WITH WATER	MGAL	1200
609.15	DUST & ICE CONTROL WITH CALCIUM CHLORIDE	TON	3
613.10	STONE FILL, TYPE I	CY	1
613.10	STONE FILL, TYPE I (MOD I) (INLET PROTECTION)	CY	5
613.10	STONE FILL, TYPE I (MOD II) (CHECK DAM)	CY	10
613.10	STONE FILL, TYPE I (MOD III) (TRACKING PAD)	CY	16
631.10	FIELD OFFICE - ENGINEERS	LS	1
631.16	TESTING EQUIPMENT - CONCRETE	LS	1
631.17	TESTING EQUIPMENT - BITUMINOUS	LS	1
631.25	FIELD OFFICE - TELEPHONE (NAB1)	LU	1
635.10	MOBILIZATION	LS	1
649.51	GEOTEXTILE FOR SILT FENCE	SY	520
651.15	SEED	LB	140
651.15	SEED (MOD.)	LB	200
651.18	FERTILIZER	LB	3950
651.20	AGRICULTURAL LIMESTONE	TON	10
651.25	HAY MULCH	TON	10
651.35	TOPSOIL	CY	1200
652.10	EROSION & SEDIMENT CONTROL PLAN	LS	1
652.20	MONITORING EROSION & SEDIMENT CONTROL PLAN	HOUR	350
652.30	FIELD MAINTENANCE OF EROSION & SEDIMENT CONTROL PLAN (NAB1)	LU	1
854.01	P-602 BITUMINOUS PRIME COAT	GAL	13900
854.03	P-625 TAR EMULSION PROTECTIVE SEAL COAT	SY	27800
854.04	P-209, CRUSHED AGGREGATE FOR BASE COURSE	CY	500
854.07	AIRCRAFT TIE DOWN ANCHOR, TYPE A	EACH	96
864.01	P-208A, COLD MIXED RECYCLED BASE COURSE	CY	6300
864.02	P-401, BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	TON	7100
864.03	P-620, RUNWAY AND TAXIWAY PAINTING	SF	7200
864.04	L-108, CABLE TRENCH	LF	550
864.05	L-108, 1/C #8, L-824, TYPE C, 5KV	LF	1100
864.06	L-108, #8 COUNTERPOISE WIRE	LF	550
864.08	L-110, 2-WAY X 4" DIA. U.G. ELECTRICAL DUCT	LF	265
864.09	L-110, 4-WAY X 4" DIA. U.G. ELECTRICAL DUCT	LF	70
864.14	L-125, TAXIWAY GUIDANCE SIGN, (MOD.) (RUNWAY HOLD SIGN)	EACH	9

**CONVENTIONAL SYMBOLS**

TOWN LINE	---
FENCE LINE	x-x-x-x-x
EXISTING ROAD	---
SURVEY LINE	+
CULVERT	==
PROPERTY LINE	---

SURVEYED BY : LITTLE RIVER SURVEY CO.  
 SURVEYED DATE : 02/23/01

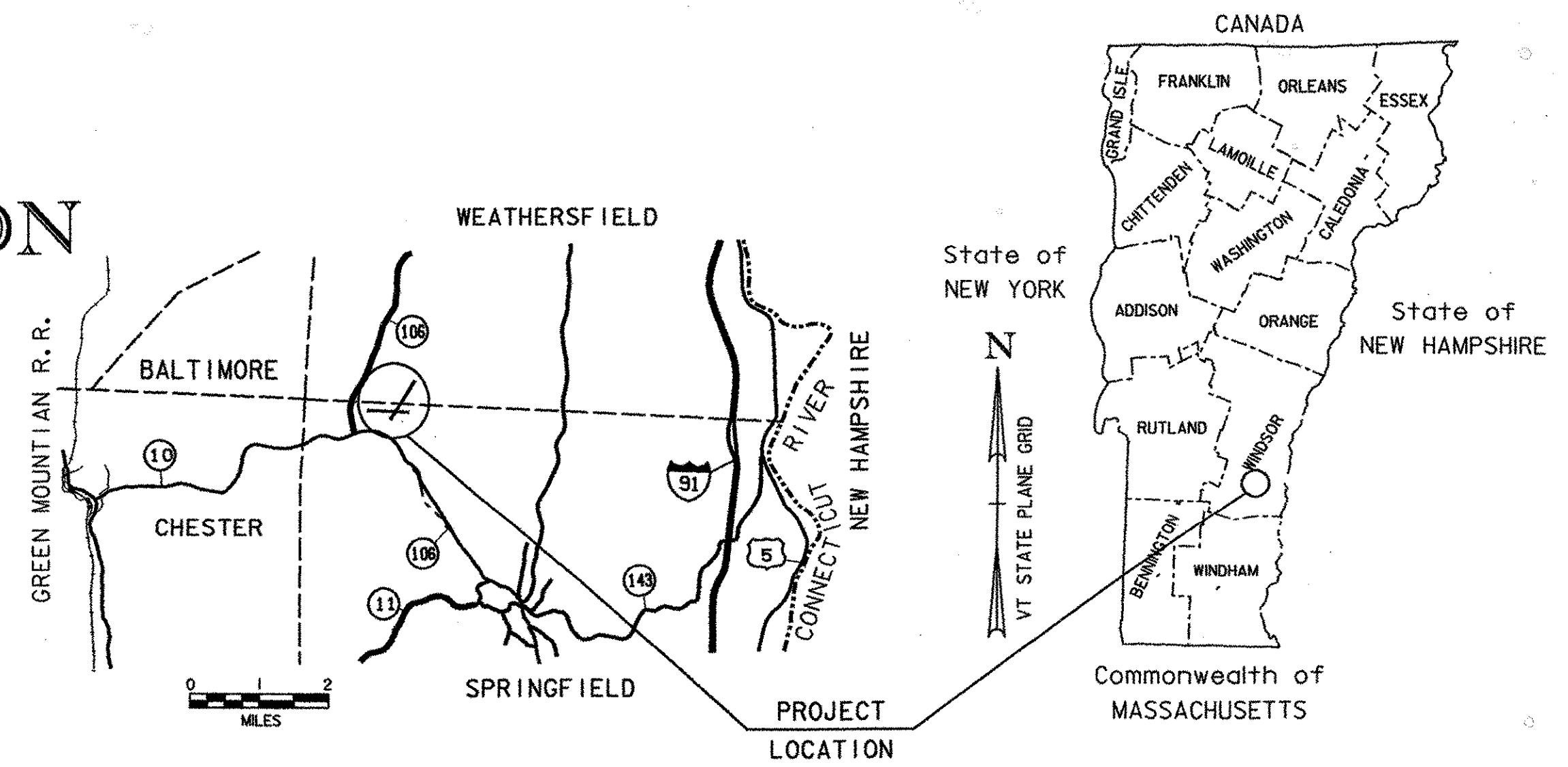
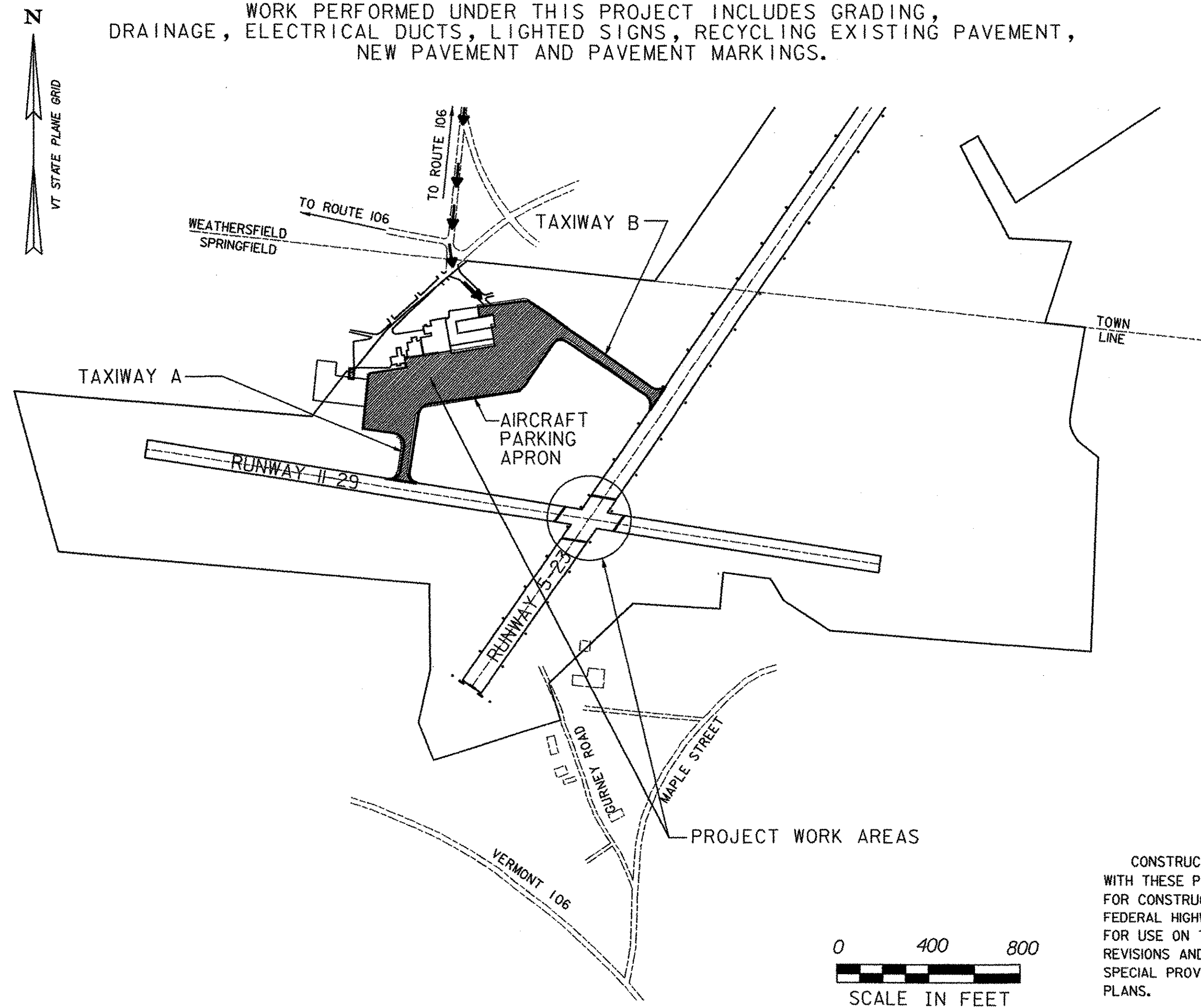
DATUM  
 VERTICAL  
 HORIZONTAL

STATE OF VERMONT  
 AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENTS  
 HARTNESS STATE AIRPORT  
 TOWN OF SPRINGFIELD  
 COUNTY OF WINDSOR  
 REHABILITATION OF AIRCRAFT  
 PARKING APRON, TAXIWAY A AND  
 TAXIWAY B (250,520 +/- S.F.)

WORK PERFORMED UNDER THIS PROJECT INCLUDES GRADING, DRAINAGE, ELECTRICAL DUCTS, LIGHTED SIGNS, RECYCLING EXISTING PAVEMENT, NEW PAVEMENT AND PAVEMENT MARKINGS.



A.I.P. 3-50-0016-02-2002  
 PROJECT # AIR 04-3161

**RECORD PLANS**

CONTRACTOR: PIKE INDUSTRIES - BERLIN, VT

RESIDENT ENGINEER: C. HARDING

CONSTRUCTION BEGAN: SEPTEMBER 22, 2003

CONSTRUCTION COMPLETE: SEPTEMBER 9, 2004

RECORD PLANS BY: C. HARDING

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

BY *Charles P. Harding* RESIDENT ENGINEER  
 DATE 08/05/05

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.

UNLESS NOTED OTHERWISE  
 STATIONS ARE IN FEET  
 ELEVATIONS ARE IN FEET  
 DIMENSIONS ARE IN FEET

FEDERAL AVIATION ADMINISTRATION

APPROVED \_\_\_\_\_  
 MANAGER, AIRPORTS ENGINEERING AND SAFETY BRANCH

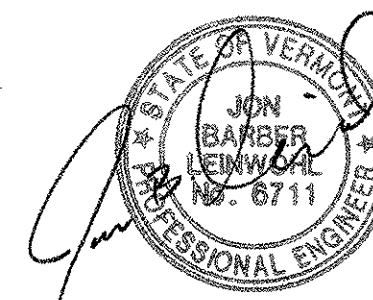
DATE \_\_\_\_\_

VERMONT AGENCY OF TRANSPORTATION  
 DIRECTOR OF PROGRAM DEVELOPMENT

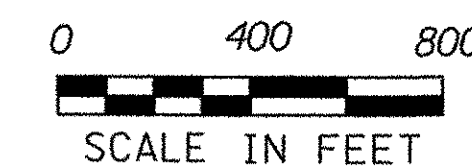
APPROVED *[Signature]*  
 DATE 7/2/03

DUPRENE-HENRY, INC. CERTIFIES THAT THE PLANS AND SPECIFICATIONS FOR THE PROJECT WERE PREPARED IN ACCORDANCE WITH THE CRITERIA CONTAINED IN THE CURRENT EDITION OF FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULARS.

APPROVED *[Signature]* ASSOCIATE  
 DATE MAR 21, 2003



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.



PROJECT NAME: SPRINGFIELD AIR  
 PROJECT NUMBER: 04-3161

FILE NAME: \\\1116\p11  
 PROJECT LEADER: JBL  
 DESIGNED BY: TPL  
 TITLE SHEET

PLOT DATE: 05/22/2003  
 DRAWN BY: TPL  
 CHECKED BY: JBL  
 SHEET 1 OF 17