

INDEX OF SHEETS

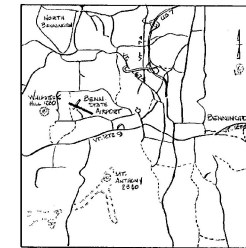
Sheet No.	Description
1	TITLE PAGE
2	PLAN, PROFILE AND TYPICALS
3	PAINT DETAILS AND SEEDING FORMULA
4	BLANK
5	QUANTITY SHEET
6	EARTHWORKS SHEET
7-9	CROSS SECTION SHEETS
10	STANDARD SHEET B-5 (12-6-71R)
11	STANDARD SHEET D-2 (10-30-85R)
12	STANDARD SHEET D-4 (10-30-85R)
13	STANDARD SHEET F-2 (2-1-77R)
13-A	STANDARD SHEET J-5 (12-19-72R)

STATE OF VERMONT AGENCY OF TRANSPORTATION

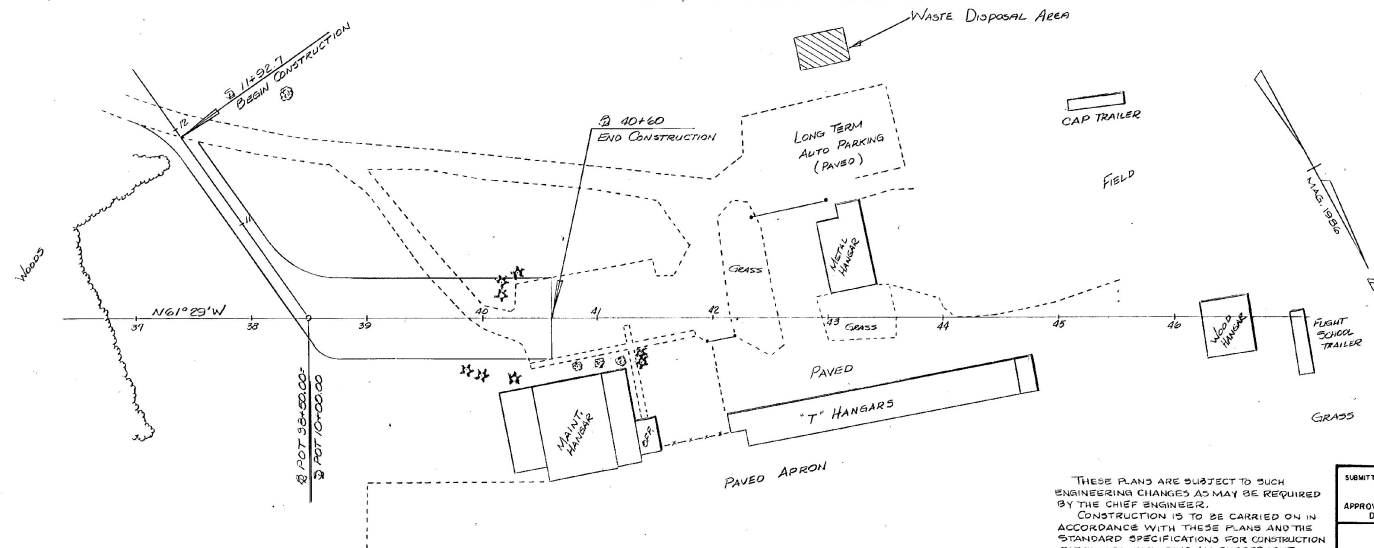
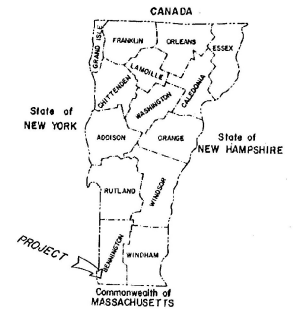


PROPOSED IMPROVEMENT BENNINGTON STATE AIRPORT BENNINGTON, VERMONT

THIS PROJECT CONSISTS OF EXPANDING THE EXISTING AUTO PARKING LOT TO ACCOMMODATE APPROXIMATELY 36 ADDITIONAL SPACES. INCLUDED IN THIS PROJECT IS SUBSURFACE DRAINAGE, PAVEMENT MARKINGS, INADVERTANT ACCESS FENCING AND CONSTRUCTION OF A SHORT SECTION OF DRIVE ACCESS ONTO THE AIRPORT ACCESS ROAD. ALSO INCLUDED IN THIS PROJECT IS A 1 1/2" PAVEMENT OVERLAY SOUTH OF THE EXISTING "T" HANGARS, SOME LANDSCAPING AND LIGHTING.



LOCATION MAP



CONVENTIONAL SIGNS

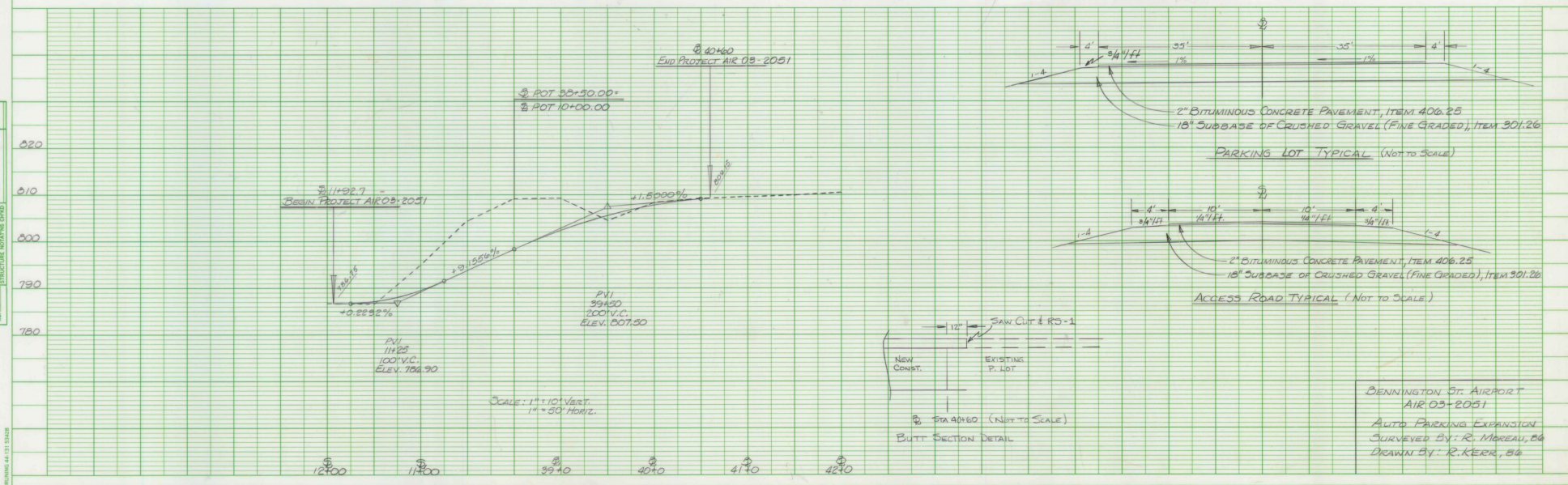
COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---
POINT OF ACCESS	X
FENCE LINE	---
STONE WALL	---
TRAVELED WAY	---
GUARD RAIL	---
RAILROAD	---
SURVEY LINE	---
CULVERT	---
POWER POLE	○
TELEPHONE POLE	○
TREES	○
CONTROL OF ACCESS	---
PROPERTY LINE	---
R.O.W. TAKING LINE	---
SLOPE RIGHTS	---
TOP OF CUT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

DATUM	---
VERTICAL	---
HORIZONTAL	---

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1986, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED	DATE 5-28-86
DIRECTOR OF ENGINEERING AND CONSTRUCTION	
DEPARTMENT OF TRANSPORTATION	
FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	DATE
DIVISION ADMINISTRATOR	
PROJECT AIR NO 03-2051	
BENNINGTON STATE AIRPORT	
SHEET 1 OF 13 SHEETS	

PROFILE	BY		DATE
NOTE BOOK	SURVIVED		
	PLOTTED		
	GRADES CHECKED		
	B. M.'S NOTED		
NO. _____	STRUCTURE NOTATIONS CHK'D		



SEEDING FORMULA , ITEM 651.15
RURAL AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
3.33	2	CROWN VETCH	97	75
50.00	30	CREeping RED FESCUE	98	85
8.33	5	TIMOTHY	99	85
16.67	10	PERENNIAL RYE GRASS (VAR.PENN.FINE)	95	85
8.34	5	ALFAFA (VAR. SARANAC)	99	85
8.33	5	BIRDFOOT TREFOIL (VAR.EMPIRE)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60			

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED- TO BE APPLIED PER SEEDING FORMULA AS DIRECTED BY THE ENGINEER.

FERTILIZER- FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE.

AGRICULTURAL LIMESTONE- TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.

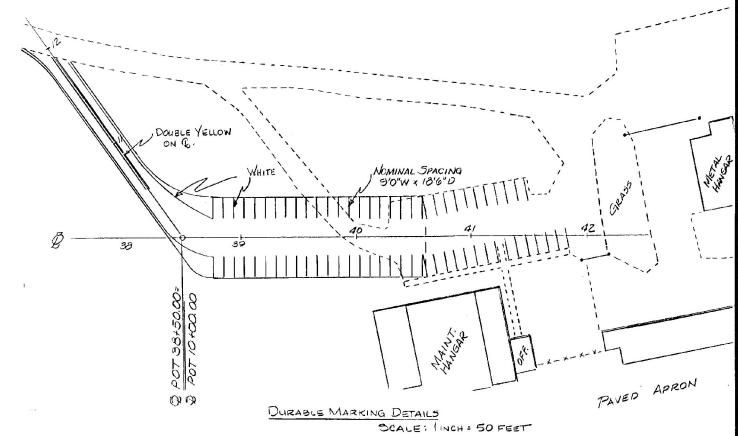
HAY MULCH- TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL- TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

MARKER POSTS- TO BE PLACED AS DIRECTED BY THE ENGINEER.

SLOPE ROUNDING- ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN- SEE STANDARD SHEET D-2.



DATUM
VERTICAL _____
HORIZONTAL _____

SURVEYED BY R. MOREAU DATE 1986
DRAWN BY R. KERR DATE 1986
TRACED BY _____ DATE _____
BENNINGTON STATE AIRPORT
PROJ. AIR NO. 03-2051
SHEET 3 OF 13

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES

DETAILED SUMMARY OF QUANTITIES

[illegible]

DETAILED SUMMARY OF QUANTITIES

[illegible]

STATIONS		PAVEMENT WIDTHS	EQUATIONS		FEET	MILES	REMARKS
FROM	TO		+	-			
11+92.7	10+00.0				192.7		
38+60.0	40+60				<u>210.0</u>		
					402.7	0.0763	
TOTALS							

PROJECT NAME BENNINGTON STATE AIRPORT
 PROJECT NUMBER AIR 03-2051
 SHEET 5 OF 13 SHEETS

EARTHWORKS

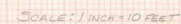
STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.		GRADE	GRADES				TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT		V.C.	GRADE	GRADES				TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT		SUMMARY AND BALANCES												
			ELEVATION		CORR V.C.	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.			ELEVATION		CORR V.C.	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	STATION TO STATION	TOTAL EXCAV EARTH & ROCK CUBIC YARDS	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES		ACCUMULATIVE EXCESSES						
ON TANGENT	ON CURVES	ON TANGENT	ON CURVES	OUT									FILL	OUT	FILL																						
100' V.C.	+0.2552%	11+92.7	786.75			78.7	95	10			0	27	200' V.C.	+0.1556%																							
		11+82	786.77			7	0				135	27																									
		11+75	786.79	786.79	0.00		25	70			0	27																									
		11+50	786.85	787.13	+0.28		25	113			0																										
		11+25	786.90	788.02	+1.12		25	547																													
		11+0	789.19	789.47	+0.28		25	473																													
		10+15	791.43	791.43	0.00		25	1329																													
		10+50	793.77			50	995	1583																													
		10+00.0	798.34	798.34	0.00		20	216.5			0																										
		9+35+20.0					42				2																										
200' V.C.	+0.1556%	39+10	802.92	802.44	-0.48		8	112.8			2	2	+1.5000%	+1.5000%																							
		39+42	806.77	805.15	-1.62		5				2																										
		39+50	807.50	805.59	-1.91		50	358			2																										
		40+0	808.25	807.77	-0.48		50	109	233		0																										
		40+50	809.00	809.00	0.00		50	149	46																												
		40+60	809.15			10	105																														
				TOTALS				7580																													
												</																									

SHEET NO.	COL. NO.	SUMMARY BY COLUMNS				REMARKS
		EXCAVATION	EMBANKMENT	TOTAL CU YDS	ROCK CU YDS	
						EARTH AND ROCK EXCAVATION 7580
						SOLID ROCK EXCAVATION 7580
						EARTH EXCAVATION 113
						PLANIMETERED FILL 113
						LESS FACTORED SOLID ROCK
						LESS DISPLACEMENT OF ANY LARGE STRUCTURES
						NET PLANIMETERED FILL
						FACTOR 1.15
						PLANIMETERED FILL INCLUDING FACTOR 120
						MATERIALS AVAILABLE FOR FILLS 7580
						EARTH EXCAVATION
						CHANNEL EXCAVATION
						UNDERDRAIN EXCAVATION
						STRUCTURE EXCAVATION
						TOTAL MATERIAL AVAILABLE FOR FILL 7580
						TOTAL FILL INCLUDING FACTOR 120
						TOTAL MATERIAL FOR FILL
						BORROW
						EXCESS EXCAVATION 7267

PROJECT NAME BENNINGTON STATE AIRPORT
PROJECT NUMBER AIR 02-2051

SHEET 6 OF 15 SHEETS



BENNINGTON ST. AIRPORT
AIR 03-2051
PARKING LOT EXPANSION
2 SECTIONS 10+0 ~ 12+0
SURVEYED BY: R. MOREAU, 86
DRAWN BY: R. KERR, 86

