

1	TITLE & QUANTITY SHEET
2	PAVEMENT MARKING SHEET
3	STANDARD AP-10
4	STANDARD AP-11

CLOSED RUNWAY MARKERS TO BE
SUBSIDIARY TO BITUMINOUS CONCRETE
PAVEMENT ITEM. 406.25

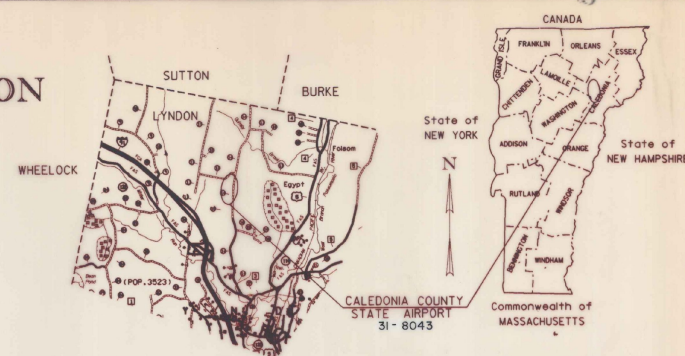
CONTRACTOR PIKE INDUSTRIES INC.
TILTON, N.H.
RESIDENT ENGINEER JAMES FOREST
CONSTRUCTION BEGAN AUGUST 24, 1990
CONSTRUCTION COMPLETED SEPTEMBER 19, 1990
RECORD PLANS BY T.O. YOUNG

By James A. Forest, Jr. Resident Engineer

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

PROPOSED IMPROVEMENT
TOWN OF LYNDON
COUNTY OF CALEDONIA
CALEDONIA COUNTY STATE AIRPORT

PROJECT CONSISTS OF RESURFACING AND MARKING OF ALL PAVED AREAS.
THE APRON WILL RECEIVE A 1/2" LEVELING COURSE OF TYPE IV BITUMINOUS CONCRETE PAVEMENT AND A
1/2" TYPE III BITUMINOUS CONCRETE OVERLAY.
ALL REMAINING AREAS WILL RECEIVE A 1/2" LEVELING COURSE OF TYPE IV BITUMINOUS CONCRETE PAVEMENT AND A
1/2" TYPE III BITUMINOUS CONCRETE OVERLAY.



QUANTITY	UNIT	DESCRIPTION	ITEM	RND.
50	CWT	EMULSIFIED ASPHALT	404.65	1
8	HR	POWER BROOM RENTAL	608.30	—
30	LB	SEED	651.15	—
250	LB	FERTILIZER	651.18	—
1	TON	AGRICULTURAL LIMESTONE	651.20	—
1	TON	HAY MULCH	651.25	—
70	CY	TERRACE	651.35	—
5105	TON	BITUMINOUS CONCRETE PAVEMENT	406.25	3
18915	SF	P-678 RUNNING WATERWAY BURNED (WATER)	864.03	—
285	SF	P-678 PAVING 17" ASPHALT (WATER)	864.03	—

SEEDING FORMULA , ITEM 651.15
RURAL AREAS

* Item out of order

% 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.PENNINFNE)	99	85
8.33	5	ALFA (VAR. SARANAK)	99	85
8.33	5	BIRDFOOT TREFLOW (VAREMPIRE)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85

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

SEED TO BE APPLIED FOR SEEDING FURNISHING DIRECTED BY THE ENGINEER.

FERTILIZER - FORMULA 8-20-20 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.

SEEDING - TO BE PLACED ON THE 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.

SEED SPOUING - ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

PAY LIMITS OF SAND BERM WHEN USED IN CONJUNCTION WITH UNDERBANK SEED STANDARDS.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION OR THE AGENCY SECRETARY.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1986, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 21, 1985 FOR USE ON THIS PROJECT, 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 Lynda B. MacArthur DATE 6/5/90
DIRECTOR OF PLANNING & PRECONSTRUCTION

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

APPROVED _____
DIVISION ADMINISTRATOR

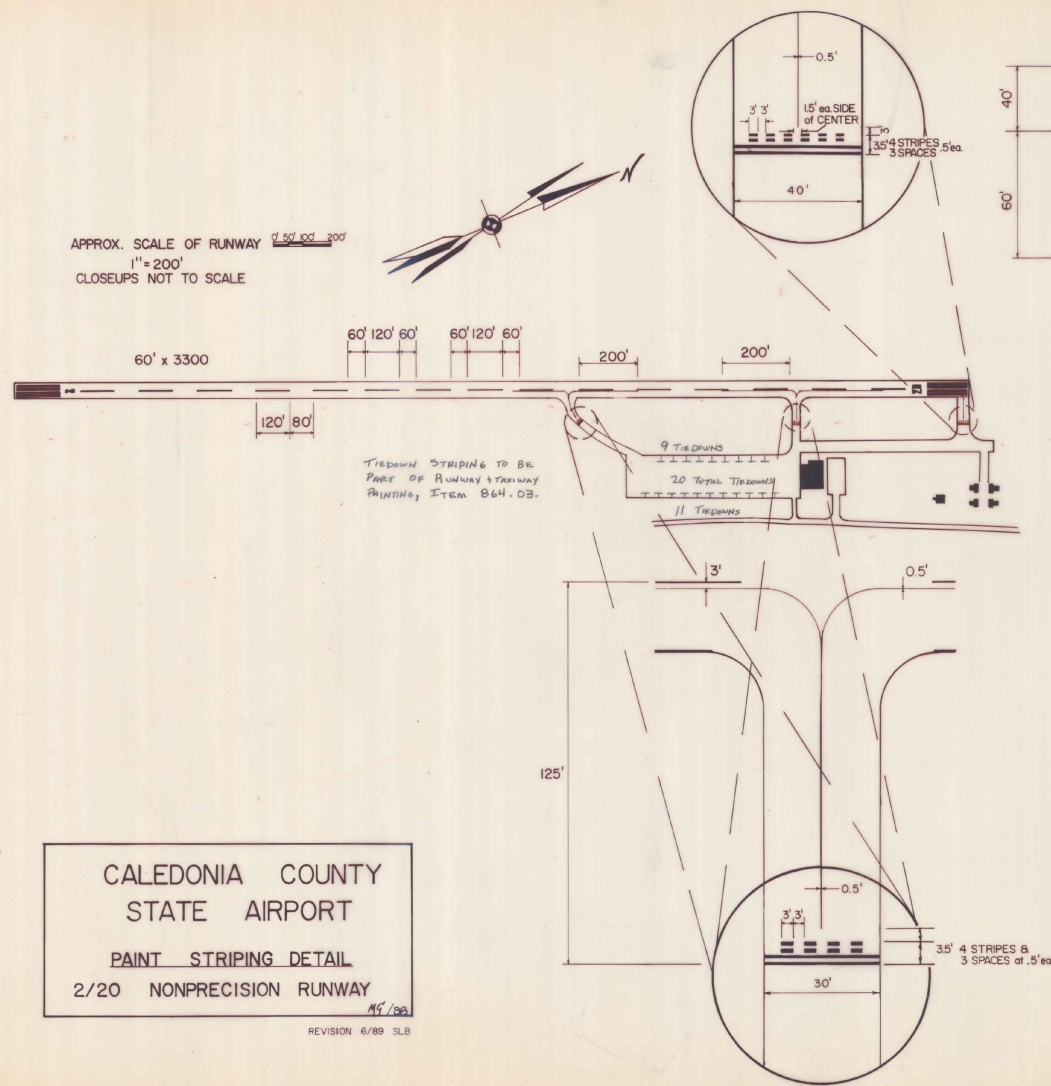
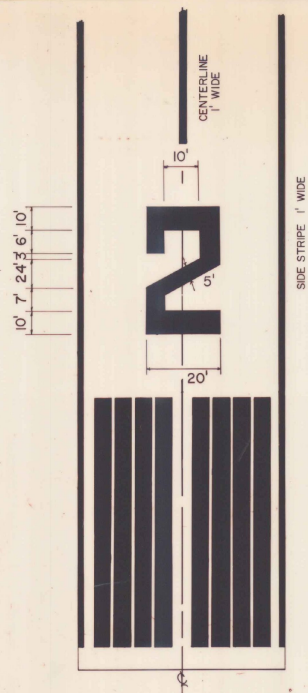
PROJECT CALEDONIA COUNTY
STATE AIRPORT
31-8043
SHEET 1 OF 4 SHEETS

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

DATUM
VERTICAL N/A
HORIZONTAL N/A

N = DENOTES AREA TO BE DRYED

0 100 200 300 400 500
SCALE IN FEET



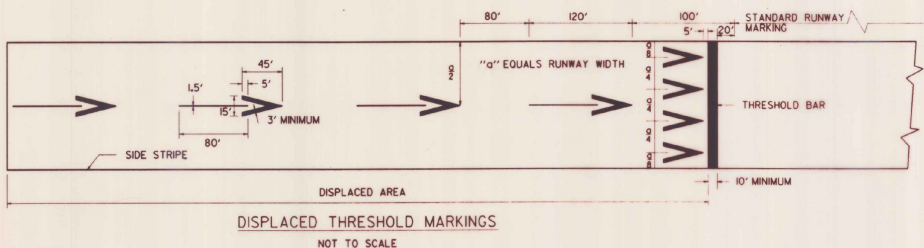
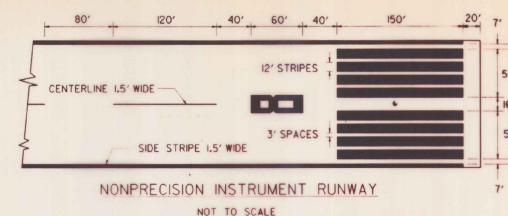
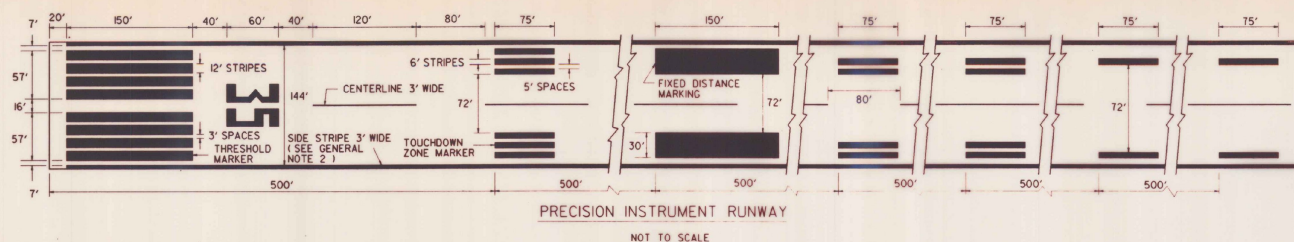
PAINT QUANTITIES				
LOCATION	SQUARE FEET	No. OF GALLON	COLOR	
			WHITE	YELLOW
CENTERLINE STRIPE	1800	18	★	
THRESHOLD MARKINGS	8400	84	★	
NUMERALS	2115	21	★	
SIDE STRIPE	6600	66	★	
HOLDING POSITION	112	1		★
TAXIWAY CENTERLINE	673	7		★

CALEDONIA COUNTY
STATE AIRPORT
PAINT STRIPING DETAIL
2/20 NONPRECISION RUNWAY

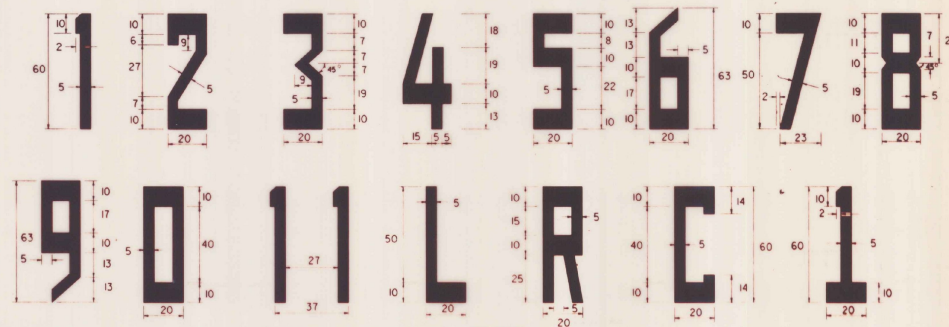
REVISION 6/89 SLB

- NOTES:
- THE NUMBERS SHOULD BE NO CLOSER THAN TWO FEET FROM THE EDGE LINE OF THE RUNWAY.
 - ADJUSTMENTS TO THE LENGTHS OF THE STRIPES AND GAPS, (OF THE CENTERLINE) WHERE NECESSARY TO ACCOMMODATE THE RUNWAY LENGTH, ARE MADE NEAR THE RUNWAY MIDPOINT. AC 150/5340-1F
 - CALCULATIONS BASED ON SOLID MARKINGS (NOT STRIATED).
 - ALL RUNWAY MARKINGS ARE TO BE STRIATED WITH ALL STRIPES AND SPACES EQUAL IN WIDTH (4" to 6").
 - NUMERALS ARE SAME DIMENSIONS ON BOTH ENDS.
 - THRESHOLD MARKINGS ARE SAME DIMENSIONS ON BOTH ENDS.
 - CENTERLINE AND SPACING IS 80' LONG UNLESS OTHERWISE SPECIFIED.

SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
SQUAD LEADER SHERIDAN
DESIGN FILE NO. _____ DATE NOTED _____
PROJ. NAME CALEDONIA Co. STATE AIRPORT
PROJ. NO. 31-80413
SHEET 2 OF 4 SHEETS



- NOTES
1. FOUR ARROWHEADS ARE PLACED SYMMETRICALLY ACROSS RUNWAY WITH UNIFORM LATERAL SPACING AS INDICATED.
 2. ALL MARKINGS IN THE DISPLACED AREA ARE YELLOW EXCEPT THE THRESHOLD BAR WHICH IS WHITE.
 3. RUNWAY SIDE STRIPES, WHEN USED ON THE RUNWAY, EXTEND INTO THE DISPLACED AREA.



- NOTES
1. ALL LETTERS AND NUMERALS, EXCEPT THE NUMBER ELEVEN AS SHOWN, ARE HORIZONTALLY SPACED 15 FEET APART.
 2. DIMENSIONS ARE EXPRESSED IN FEET.
 3. THE NUMERAL ONE, WHEN USED ALONE, CONTAINS A HORIZONTAL BAR TO DIFFERENTIATE IT FROM THE RUNWAY CENTERLINE MARKING.

- GENERAL NOTES
1. ALL RUNWAY MARKINGS ARE WHITE EXCEPT IN THE DISPLACED THRESHOLD AREA AND NON FULL STRENGTH SHOULDER MARKINGS.
 2. FOR RUNWAYS LESS THAN 150' IN WIDTH, THE WIDTH OF THE MARKINGS, SPACES BETWEEN MARKINGS, AND DISTANCE OF MARKINGS FROM THE RUNWAY EDGE ARE CHANGED PROPORTIONALLY.
 3. ADJUSTMENTS TO THE LENGTH OF THE CENTERLINE STRIPES AND GAPS, WHERE NECESSARY TO ACCOMMODATE THE RUNWAY LENGTH, ARE MADE NEAR THE RUNWAY MIDPOINT.
 4. ALL RUNWAY MARKINGS ARE TO BE STRIATED WITH ALL STRIPES AND SPACES EQUAL IN WIDTH (4" TO 6").

NOTE:
MARKING OF RUNWAY SHOULD BE
BASED ON FAA SPECIFICATIONS.
SEE CURRENT FAA ADVISORY CIRCULAR.

CALEDONIA COUNTY
STATE AIRPORT
31-8043
SHEET 3 OF 4 SHEETS

REVISIONS AND CORRECTIONS
SHEET UPDATED MARCH 5, 1990

APPROVED
March 12, 1990
DATE
Gordon B. McArthur
DIRECTOR, PLANNING AND
CONSTRUCTION
Vermont Agency of
Transportation

RUNWAY MARKING DETAILS

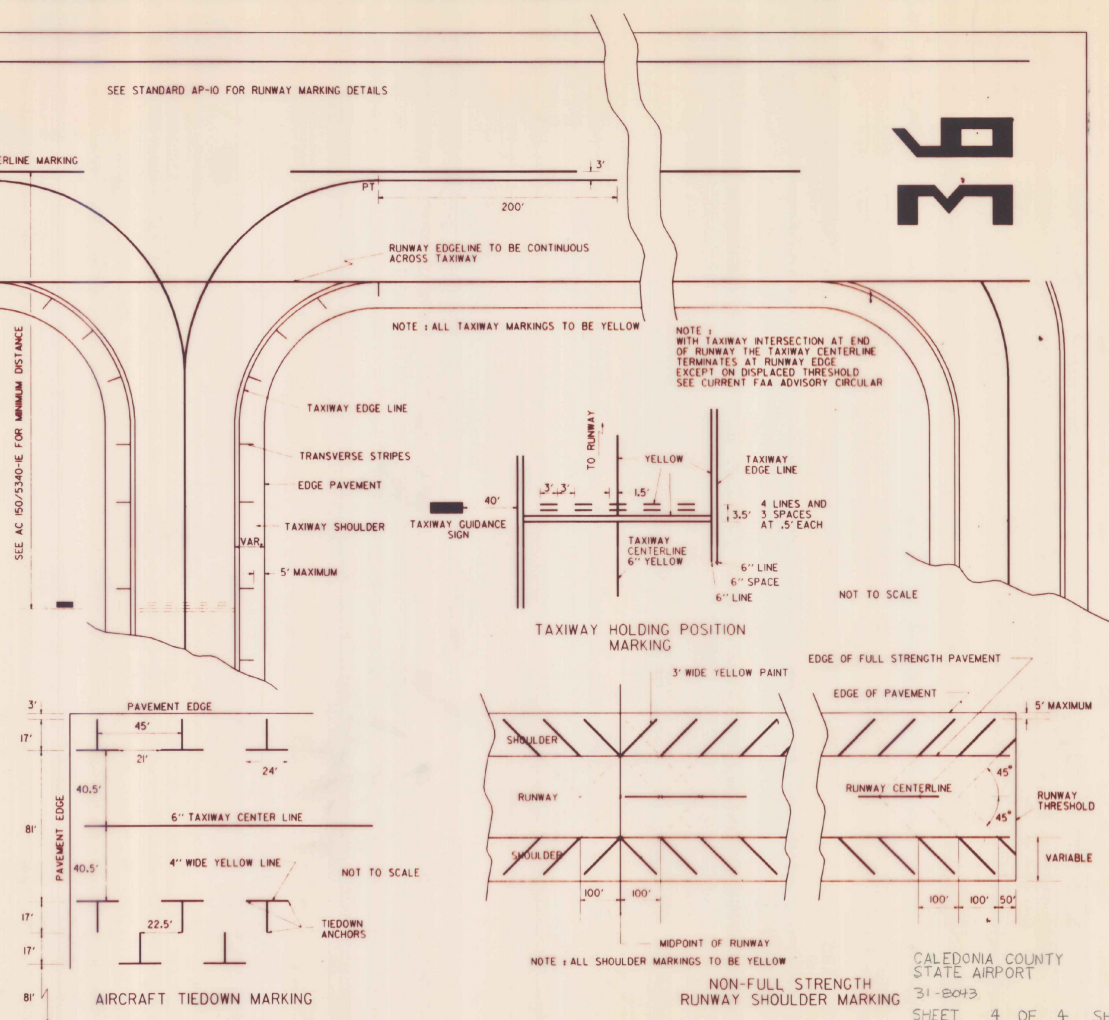
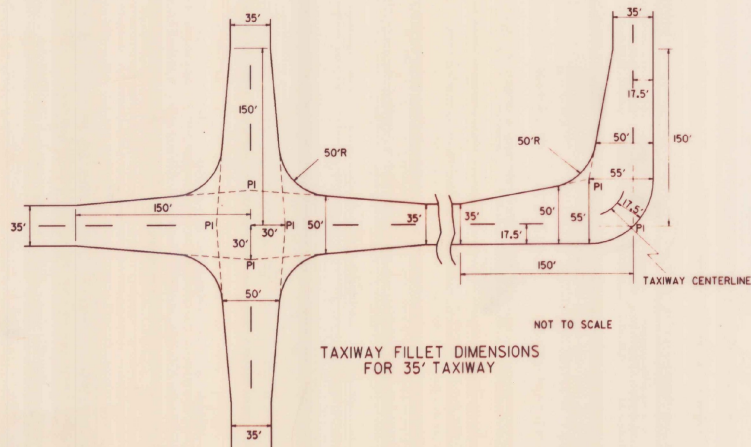


STANDARD
AP-10

NOTE 1:
ON LIGHT COLORED PAVEMENTS THE CONTRAST OF THE MARKINGS IS
TO BE INCREASED BY OUTLINING ALL MARKINGS WITH A 6" BLACK BORDER.

SEE STANDARD AP-10 FOR RUNWAY MARKING DETAILS

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REVISIONS AND CORRECTIONS
SHEET UPDATED MARCH 1/1990

APPROVED *March 12, 1990*
DATE

Andrew S. MacArthur
DIRECTOR, PLANNING AND
RECONSTRUCTION
John D. Morgan
DIRECTOR, DESIGN DIVISION

TAXIWAY AND APRON MARKING DETAILS



STANDARD
AP-11

CALEDONIA COUNTY
STATE AIRPORT
31-2043
SHEET 4 OF 4 SHEETS

Vermont Agency of ^{DONE}
Transportation
PHASE 2-INTERSTATE
#122302-01



INITIALS

Hanger 2344 ^{DONE}

1990

LYNDON
(CALEDONIA STATE AIRPORT)
31-8043

1990