



**US Army Corps
of Engineers** ®
New England District
Vermont Project Office
8 Carmichael Street, Suite 205
Essex Junction, Vermont 05452

PUBLIC NOTICE

Comment Period Begins: JAN 29 2013
Comment Period Ends: FEB 28 2013
File Number: NAE-2012-0279
In Reply Refer To: Marty Abair
Phone: (802) 872-2893
E-mail: Martha.a.abair@usace.army.mil

The District Engineer has received a permit application to conduct work in waters of the United States as described below.

APPLICANT: Vermont Agency of Transportation, ATTN: Guy Rouelle, National Life Building, Drawer 33, Montpelier, Vermont 05633-5001

ACTIVITY: Place fill in a total of 116,235 sq. ft. (2.67 acres) of waters of the U.S. in conjunction with the construction of runway safety area improvements at the Rutland Southern Vermont Regional Airport in Clarendon, Vermont. A detailed description and plans of the activity are attached.

WATERWAY AND LOCATION OF THE PROPOSED WORK:

This work is proposed in: a) Wetlands adjacent to Mill River and unnamed tributaries to Otter Creek at the Rutland Southern Vermont Regional Airport off Airport Road in Clarendon, Vermont (Latitude 43.530669 N Longitude 72.9494211 W); b) Wetlands adjacent to an unnamed tributary to the Mill River off Adams Road in Shrewsbury, Vermont (Latitude 43.5236645 N Longitude 72.9014076 W); and unnamed tributaries to the Clarendon River and adjacent wetlands off Quarterline Road in Clarendon, Vermont (Latitude 43.5420473 N Longitude 73.0013678 W).

AUTHORITY

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899
 Section 404 of the Clean Water Act
 Section 103 of the Marine Protection, Research and Sanctuaries Act).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

CENAE-R
FILE NO. NAE-2012-0279

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

NATIONAL HISTORIC PRESERVATION ACT

Based on his initial review, the District Engineer has determined that the proposed work may impact properties listed in, or eligible for listing in, the National Register of Historic Places. Additional review and consultation to fulfil requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

ENDANGERED SPECIES CONSULTATION

The New England District, Army Corps of Engineers has reviewed the list of species protected under the Endangered Species Act of 1973, as amended, which might occur at the project site. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect any Federally listed endangered or threatened species or their designated critical habitat. By this Public Notice, we are requesting that the appropriate Federal Agency concur with our determination.

The following authorizations have been applied for, or have been, or will be obtained:

- Permit, License or Assent from State.
- Permit from Local Wetland Agency or Conservation Commission.
- Water Quality Certification in accordance with Section 401 of the Clean Water Act.

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Marty Abair at (978) 318-8484 or (802) 872-2893.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

CENAE-R
FILE NO. NAE-2012-0279

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

1108
Frank J. DelGiudice
Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____
ADDRESS: _____
PHONE: _____

PROPOSED WORK AND PURPOSE

The work includes the discharge of dredged or fill material for the construction of runway safety area improvements at the Rutland Southern Vermont Regional Airport in Clarendon, Vermont. The work will involve:

- 1) **Extension of the Runway 1 Safety Area and Installation of EMAS** – The Runway Safety Area is a defined surface surrounding a runway that is provided to reduce the risk of damage to airplanes in the event of an undershoot, overshoot, or other excursion from a runway. Federal Aviation Design Standards for Runway 1-19 at the Rutland Southern Vermont Regional Airport require a safety area which is 400' wide and extends 1000' beyond each threshold. Currently the Runway Safety Area for Runway 1 is 400' wide and extends approximately 450' beyond the threshold.

FAA has issued a determination that due to the existing topography, construction of a safety area extending 1000' from the defined threshold was not feasible; therefore, the Runway 1 Safety Area should be extended to the extent possible and EMAS¹ be installed. The Vermont Agency of Transportation (VTTrans) proposes to extend the Runway Safety Area to approximately 600' in length. Extending the Runway 1 Safety Area approximately 150' to the south will temporarily impact about 14,580 sq. ft. (0.33 acre) of forested wetland and permanently impact about 37,680 sq. ft. (0.87 acre) of forested wetland. Wetland impacts have been minimized by the construction of an MSE² retaining wall.

- 2) **Paving a portion of the Runway 1 Safety Area** – To provide additional safety for aircraft using this runway, VTTrans proposes to pave 300 linear feet of the Runway 1 Safety Area on the south end of the runway. This work will not impact waters of the U.S.
- 3) **Construct of Parallel Taxiway "E"**- Currently aircraft departing on Runway 1 have no direct taxiway access to that runway and must use the active runway as a taxiway. Taxi access to Runway 19 is via a circuitous route that was constructed in 1994 to avoid the existing localizer³. The applicant proposes to construct a taxiway parallel to Runway 1-19 to provide access to both Runways 1 and 19. The proposed 35' wide taxiway will be constructed 300' easterly of Runway 1-19. A portion of the existing taxiway access to Runway 19 will be removed after construction of the full length taxiway. Access to Runway 1-19 will be provided from the parallel taxiway at two mid- point locations in addition to the runway ends. Construction of this taxiway will impact approximately 36,630 sq. ft. (0.84 acre) of emergent wetland.
- 4) **Relocation of Runway 1 Localizer** - Construction of the additional runway pavement and the installation of the EMAS will require that the existing localizer be relocated. The existing localizer is located 460' south of the existing end of the runway. This project proposes to relocate the localizer approximately 35' south of the proposed EMAS installation. The proposed localizer, associated equipment, and driveway construction will be installed within the fill area required to construct the extended runway safety area and will not impact any additional waters of the U.S.

¹ EMAS, engineered material arresting system, is a crushable concrete material that acts as an energy absorbing material that will slow down and stop an aircraft with minimal damage to the aircraft and personnel on board.

² Mechanically stabilized earth.

³ A localizer (LOC) is the component of an Instrument Landing System (ILS) that provides runway centerline guidance to aircraft, but *not* the glideslope information.

CENAE-R
FILE NO. NAE-2012-0279

- 5) **Re-grading the Borrow Area between Runways 13 and 19** - The topography rises between Runways 1 and 19 and will ultimately be removed to allow for the construction of additional apron and aircraft hangars. Removal of this material will also improve the runway visibility zone between the runways. The material from the re-grading will be used for fill to construct both the Runway 1 and Runway 19 Safety Areas. The re-grading of the borrow area itself will not impact waters of the U.S.
- 6) **Installation of Solar Powered Airport Beacons 3 and 11** – VTrans proposes to upgrade Airport Beacons 3 and 11 to operate on solar power and eliminate commercial power. The project will eliminate the existing power lines to these beacons. This work will temporarily impact about 12,900 sq. ft. (0.30 acre) of wetland and about 400 sq. ft. (0.009 acre) of intermittent streams.
- 7) **Construction of a Safety Area for Runway 19** –Federal Aviation Design Standards for Runway 1-19 require a safety area, which is 400' wide and extends 1000' beyond each threshold. Currently the Runway Safety Area for Runway 19 is less than 200' wide and extends only 300' beyond the threshold. FAA has determined that due to the location of VT Route 103, construction of a safety area extending 1000' from the defined threshold was not feasible. They concluded that the Runway 19 Safety Area could be extended to the extent possible out to VT Route 103 and widened to the minimum standard of 400'.

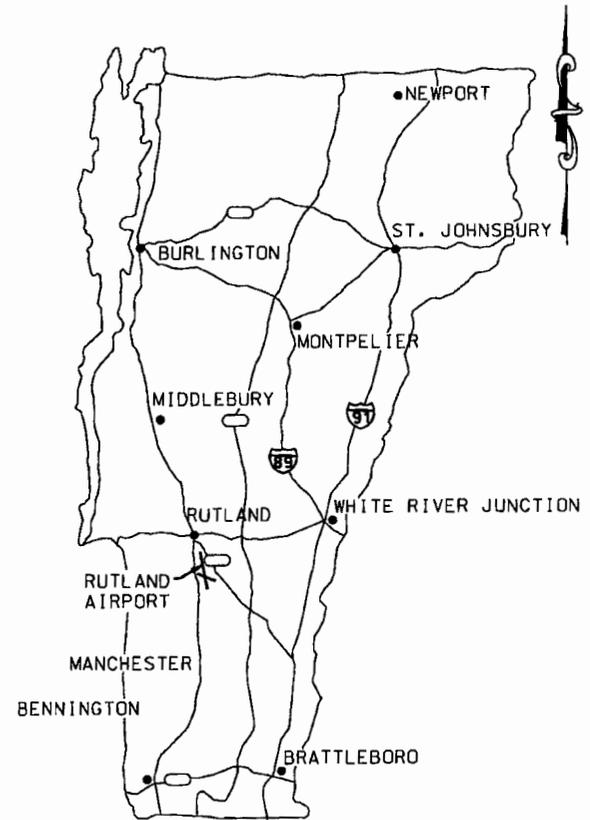
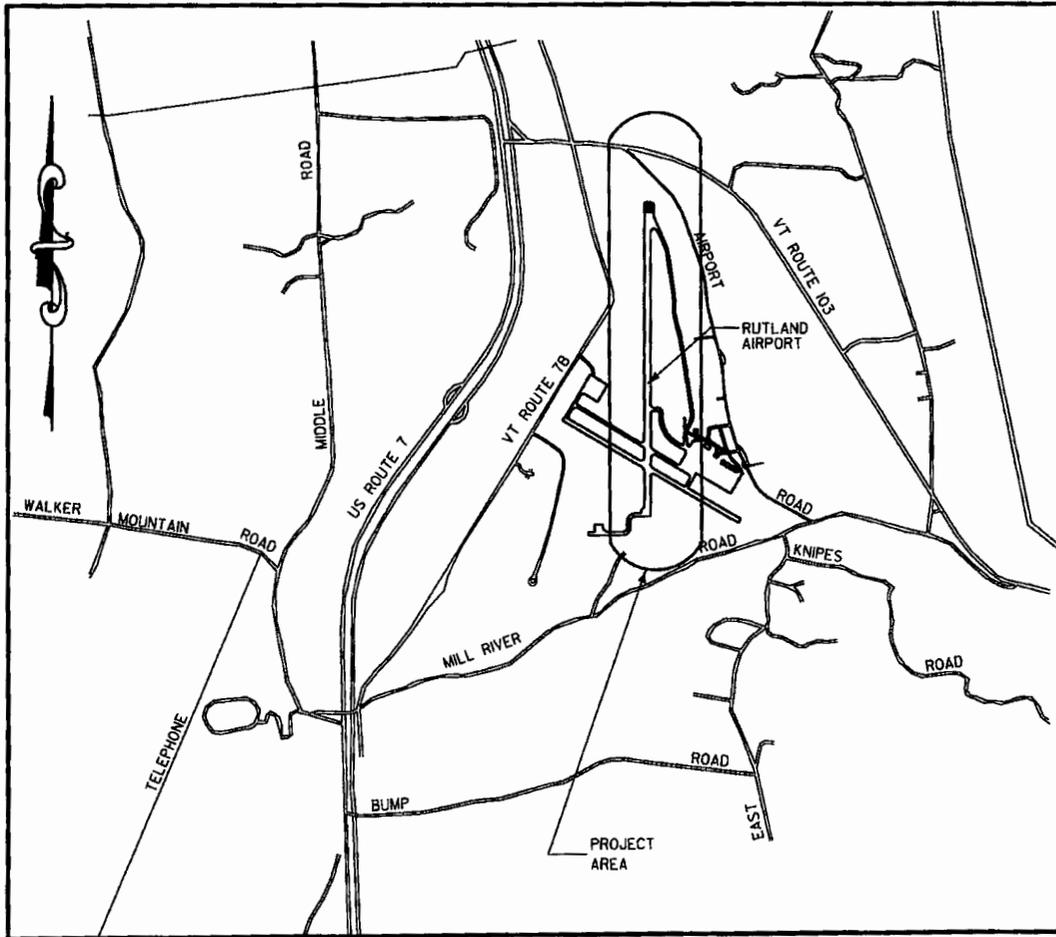
VTrans proposes to extend the Runway Safety Area to approximately 600' in length and 400' in width. This work will temporarily impact about 4716 sq. ft. (0.11 acre) of mowed wet meadow and permanently impact about 9329 sq. ft. (0.21 acre) of mowed wet meadow.

- 8) **Realignment of Airport Road**- The widening and extension of the Runway Safety Area will require the realignment of Airport Road. The realignment of the roadway will require moving the Airport Road/ VT Route 103 intersection approximately 800' east of its current location and construction of a new 700' long roadway segment. This work will not impact waters of the U.S.

The work is described on the enclosed plans entitled "RUNWAY SAFETY AREA IMPROVEMENTS" on twenty sheets, and dated "JANUARY 2013."

The work involves the construction of safety improvements at an existing State airport. There is no practicable off-site alternative. Conformance to FAA design standards is the basis for all spatial requirements contained in the project design, in order to ensure that the airport maintains its FAA Certification. All projects on the airfield proper are sited according to FAA standards and limited to the location shown on the Airport Layout Plan. The locations of all airfield projects are based on their function and are essentially fixed. The limitations imposed by function, geography and the airport property leave little opportunity for adjustment. Impacts to waters of the U.S. have been minimized by the use of an MES wall for the runway extension at the south end of the project and by shortening the length of the safety area at the north end of the project.

To compensate for unavoidable impacts to waters of the U.S. of the proposed project the applicant proposes to make a payment of \$264,896.28 to the Ducks Unlimited – Vermont In-Lieu Fee Program.



LOCATION MAP
N.T.S.

PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
 HORIZONTAL DATUM: VT STATE PLANE GRID

URS CORPORATION
 P.O. BOX 96
 ROXBURY, VT 05669

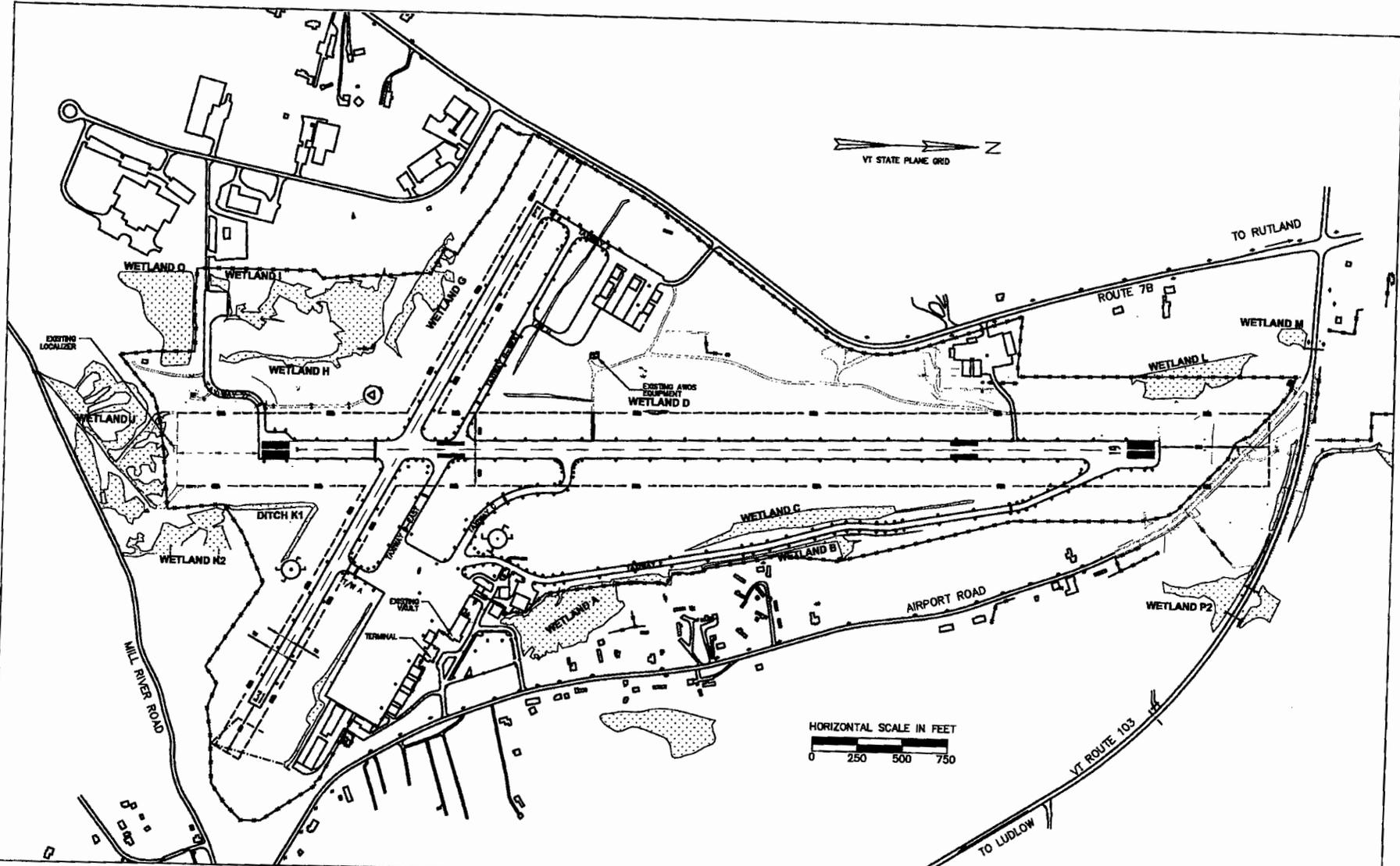


LOCATION MAP

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
 MONTPELIER, VT 05633-5001

RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 1 OF 35



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
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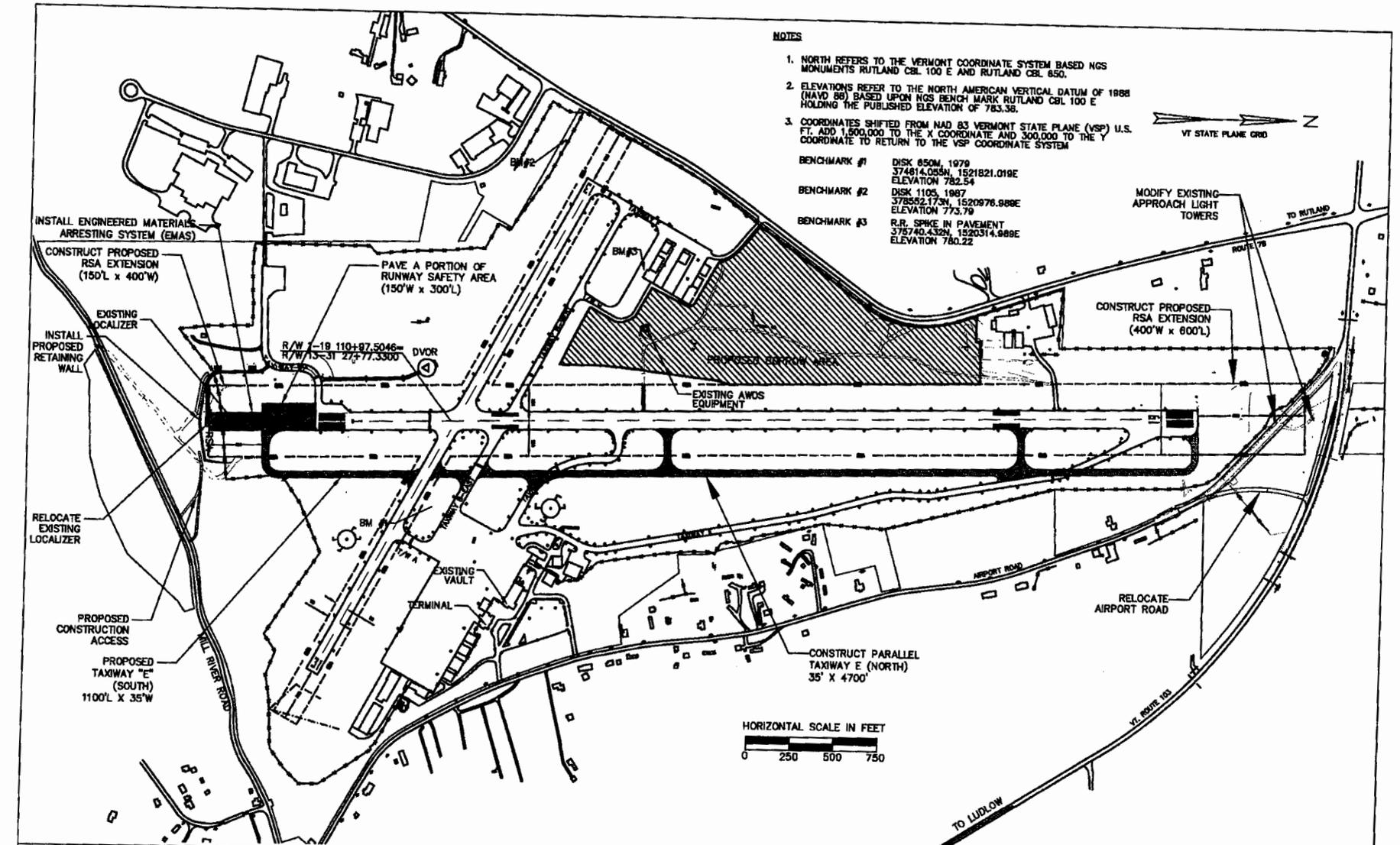


WETLAND MAP

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
 MONTPELIER, VT 05633-5001

RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 2 OF 35



NOTES

1. NORTH REFERS TO THE VERMONT COORDINATE SYSTEM BASED NGS MONUMENTS RUTLAND CBL 100 E AND RUTLAND CBL 850.
2. ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) BASED UPON NGS BENCH MARK RUTLAND CBL 100 E HOLDING THE PUBLISHED ELEVATION OF 783.36.
3. COORDINATES SHIFTED FROM NAD 83 VERMONT STATE PLANE (VSP) U.S. FT. ADD 1,500,000 TO THE X COORDINATE AND 300,000 TO THE Y COORDINATE TO RETURN TO THE VSP COORDINATE SYSTEM



BENCHMARK #1	DISK 850M, 1979 374614.055N, 1521821.019E ELEVATION 782.54
BENCHMARK #2	DISK 1105, 1987 378582.173N, 1520976.988E ELEVATION 773.79
BENCHMARK #3	R.R. SPIKE IN PAVEMENT 375740.432N, 1520314.988E ELEVATION 780.22

MODIFY EXISTING
APPROACH LIGHT
TOWERS

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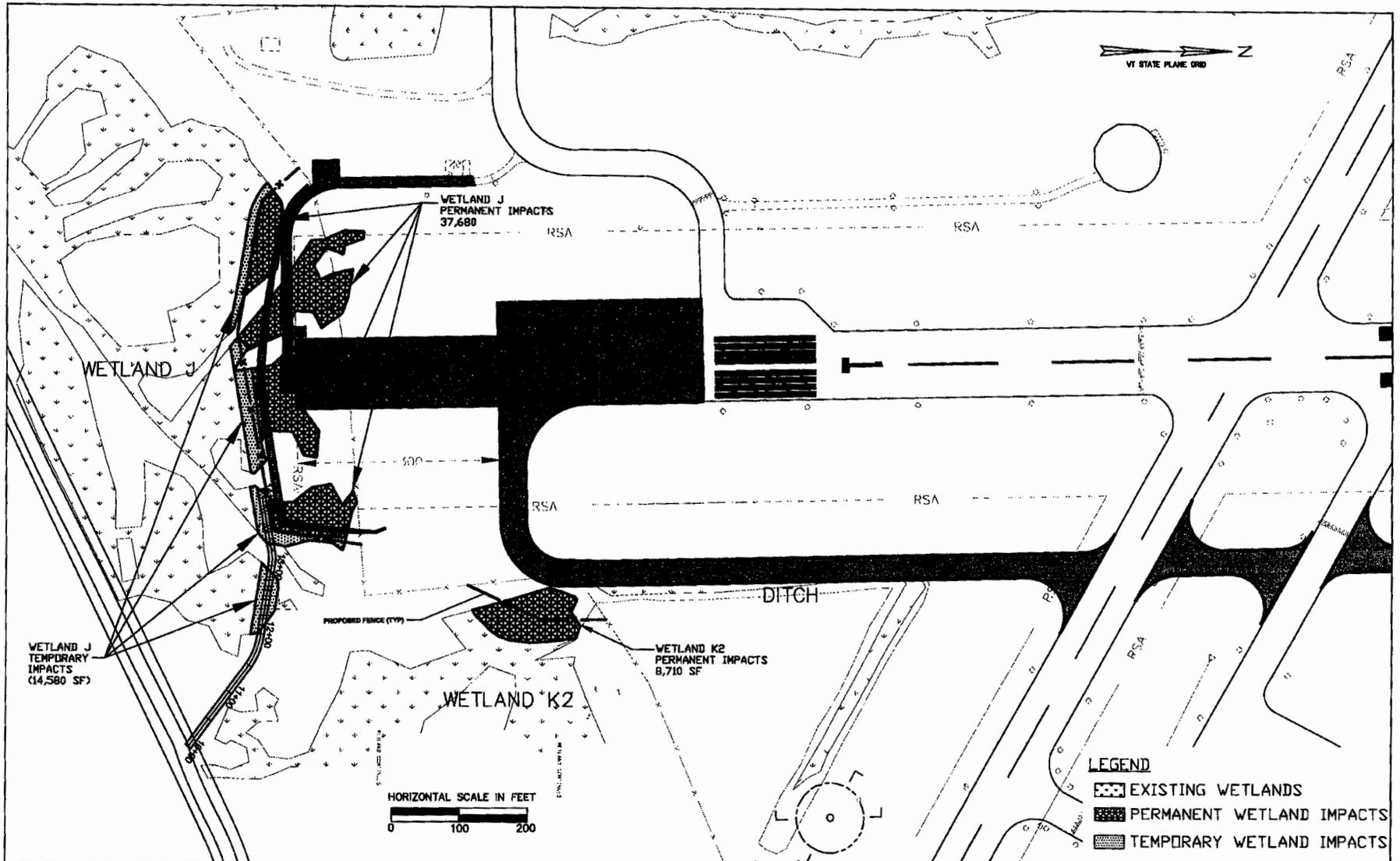


PROJECT LAYOUT

APPLICANT
VERMONT AGENCY OF TRANSPORTATION
NATIONAL LIFE BUILDING
MONTPELIER, VT 05633-5001

RUNWAY SAFETY AREA IMPROVEMENTS
RUTLAND SOUTHERN VERMONT
REGIONAL AIRPORT
CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 4 OF 35



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
 HORIZONTAL DATUM: VT STATE PLANE GRID

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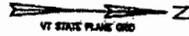


RUNWAY 1 SAFETY AREA
 WETLAND IMPACTS

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
 MONTPELIER, VT 05633-5001

RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 13 OF 35



SA
WETLAND D

RSA

RSA

LIMIT OF DISTURBANCE

WETLAND C
PERMANENT
IMPACTS
(24,770 SF)

RSA

RS

WETLAND C
PERMANENT IMPACTS
(3,150 SF)

PROPOSED DETENTION
POND LA-1
0.42 ACRES

WETLAND C

WETLAND B

HORIZONTAL SCALE IN FEET
0 100 200

TAXIWAY E--EXISTING
PAVEMENT TO BE REMOVED
AREA TO BE SEEDED AND MULCHED

PROPERTY LINE

LEGEND

-  EXISTING WETLANDS
-  PERMANENT WETLAND IMPACTS
-  TEMPORARY WETLAND IMPACTS

PURPOSE: SAFETY IMPROVEMENTS
VERTICAL DATUM: NAVD 88
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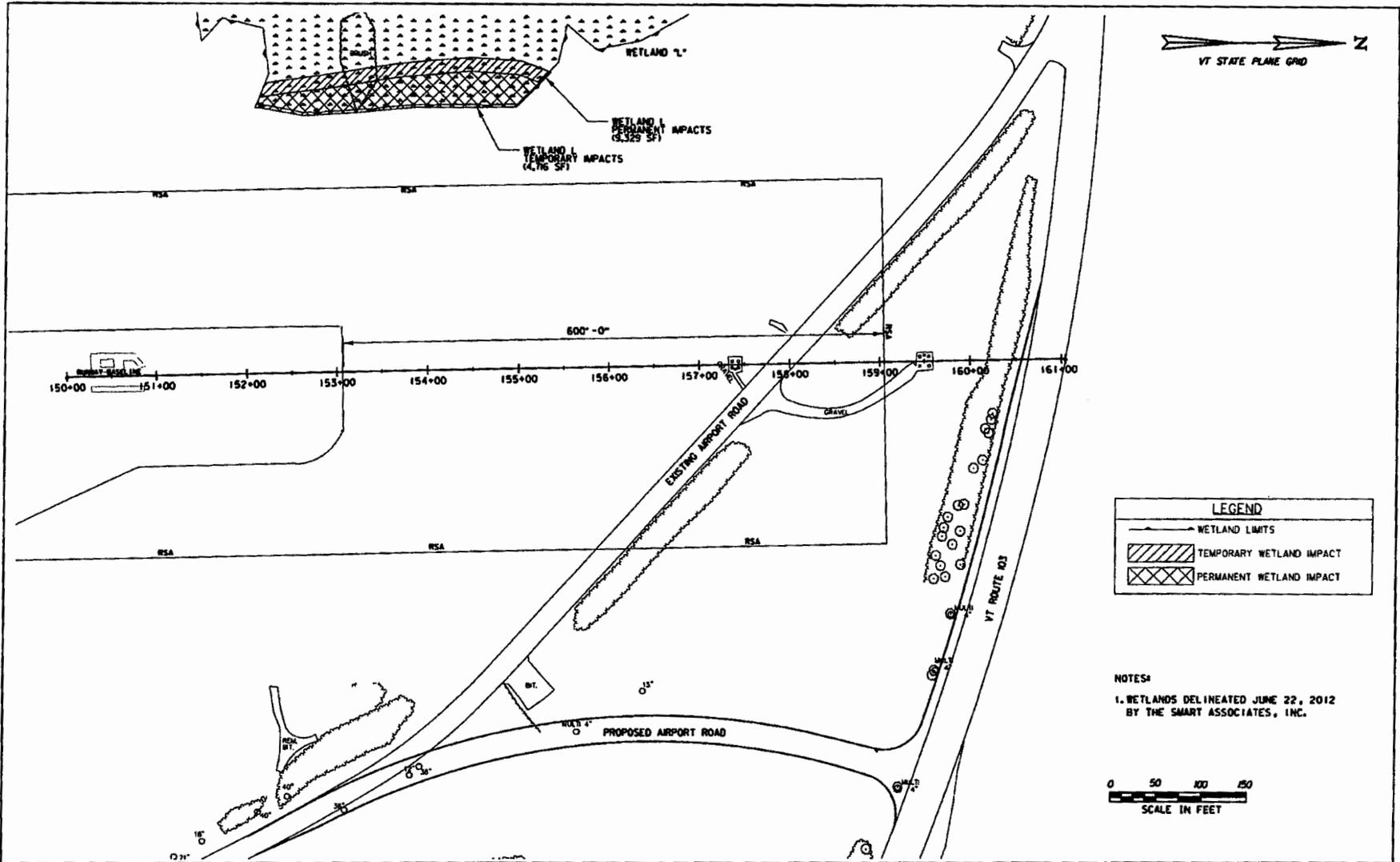


TAXIWAY E
WETLAND IMPACTS

APPLICANT
VERMONT AGENCY OF TRANSPORTATION
NATIONAL LIFE BUILDING
MONTPELIER, VT 05633-5001

RUNWAY SAFETY AREA IMPROVEMENTS
RUTLAND SOUTHERN VERMONT
REGIONAL AIRPORT
CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 14 OF 35



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
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WETLAND IMPACTS - RUNWAY 19

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
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RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 15 OF 35

PROPOSED IMPACTS

PROPOSED PROJECT	DELINEATED WETLAND IMPACTED	PERMANENT WETLAND AREA IMPACTS	TEMPORARY WETLAND AREA IMPACTS	TREE CLEARING AREA	PERMANENT WETLAND BUFFER AREA	TEMPORARY WETLAND BUFFER AREA
RUNWAY 1 SAFETY AREA IMPROVEMENTS	WETLAND J	0.87 ACRES	0.33 ACRES	1.17 ACRES	1.34 ACRES	0.19 ACRES
		37,680 SF	14,580 SF ^[D]	50,800 SF	58,280 SF	8,100 SF
	WETLAND K2	0 ACRES	0 ACRES	0 ACRES	0 ACRES	0.07 ACRES
		0 SF	0 SF	0 SF	0 SF	3,050 SF
TAXIWAY E SOUTH END	WETLAND K2	0.20 ACRES	0 ACRES	0.03 ACRES	0.24 ACRES	0 ACRES
		8,710 SF	0 SF	1,450 SF	10,280 SF	0 SF
TAXIWAY E NORTH END	WETLAND C	0.84 ACRES	0 ACRES	0 ACRES	1.84 ACRES	0.26 ACRES
		27,920 SF	0 SF	0 SF	80,250 SF	11,470 SF
BORROW AREA	N/A	-	-	-	-	-
BEACON 3 ^{[A][B]}	UNDEFINED	0 ACRES	0.19 ACRES	0.19 ACRES	0 ACRES	0.02 ACRES
		0 SF	8,400 SF	8,400 SF	0 SF	1,000 SF
BEACON 11 ^{[A][C]}	UNDEFINED	0 ACRES	0.11 ACRES	0 ACRES	0 ACRES	0.14 ACRES
		0 SF	4,900 SF	0 SF	0 SF	6,000 SF
RUNWAY 19 SAFETY AREA IMPROVEMENTS	WETLAND L	0.21 ACRES	0.11 ACRES	0 ACRES	0.47 ACRES	0 ACRES
		9,329 SF	4,716 SF	0 SF	20,597 SF	0 SF
		1.92 ACRES	0.74 ACRES	1.39 ACRES	3.89 ACRES	0.88 ACRES
		83,639 SF	32,596 SF	60,650 SF	189,417 SF	29,820 SF

NOTES:

- [A] FOR OVERALL LOCATION OF HAZARD BEACON REPLACEMENT PROJECT, REFER TO SHEET ENTITLED "OVERVIEW MAP", BY THE SMART ASSOCIATES, ENVIRONMENTAL CONSULTANTS, INC.
- [B] FOR BEACON 3 PROPOSED ACTIVITY AND WETLAND IMPACTS, REFER TO SHEET ENTITLED "BEACON 3 WETLANDS IMPACTS, ADAMS ROAD, SHREWSBURY, VT", BY THE SMART ASSOCIATES, ENVIRONMENTAL CONSULTANTS, INC.
- [C] FOR BEACON 11 PROPOSED ACTIVITY AND WETLAND IMPACTS, REFER TO SHEET ENTITLED "BEACON 11 WETLANDS IMPACTS, QUARTERLINE ROAD, CLAREDON, VT", BY THE SMART ASSOCIATES, ENVIRONMENTAL CONSULTANTS, INC.
- [D] RUNWAY 1 SAFETY AREA IMPROVEMENTS INCLUDES TEMPORARY CONSTRUCTION IMPACTS DUE TO TEMPORARY CONSTRUCTION ACCESS ROAD

PURPOSE: SAFETY IMPROVEMENTS
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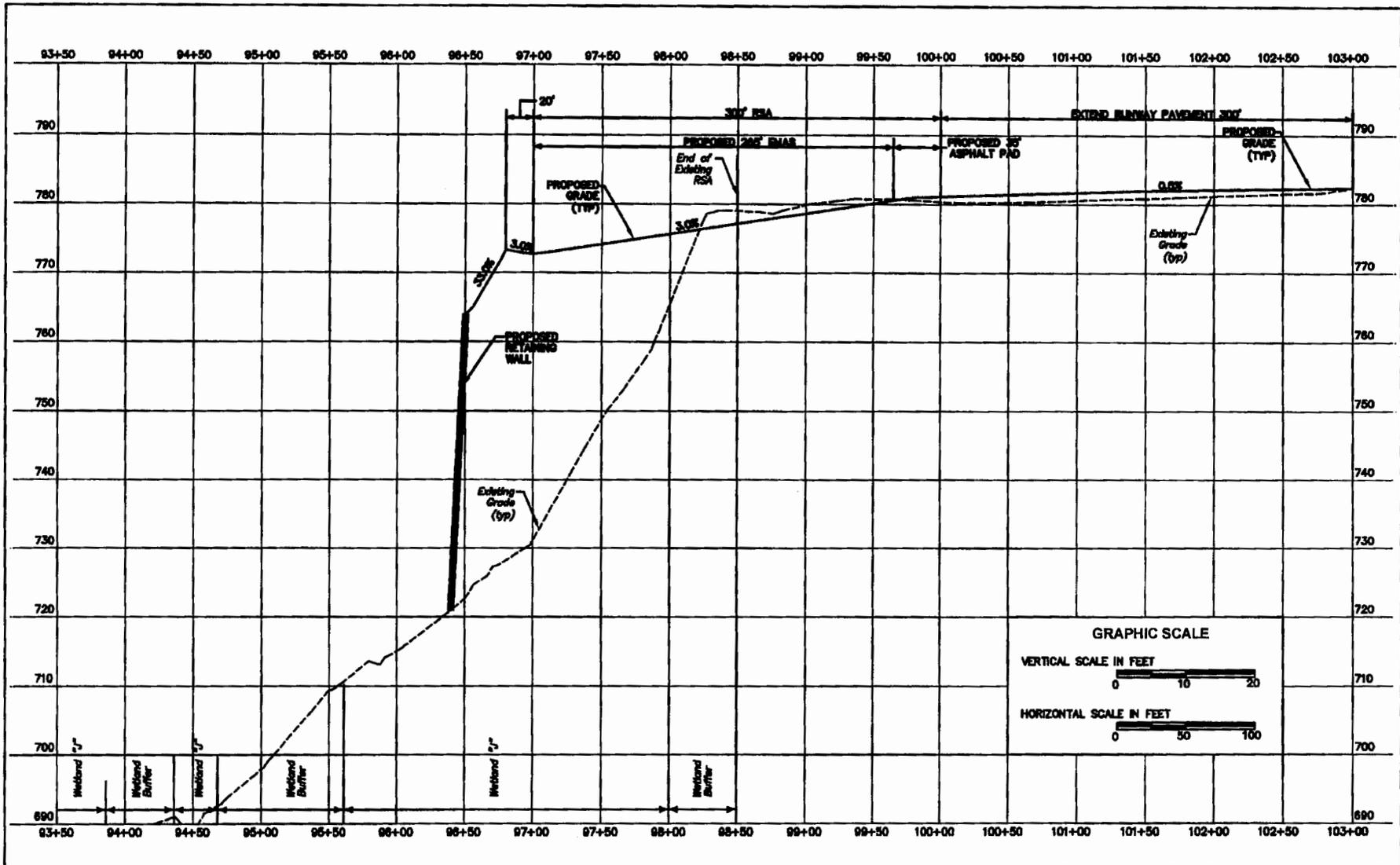


WETLAND IMPACTS - TABLE

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
 MONTPELIER, VT 05633-5001

RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 16 OF 35



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
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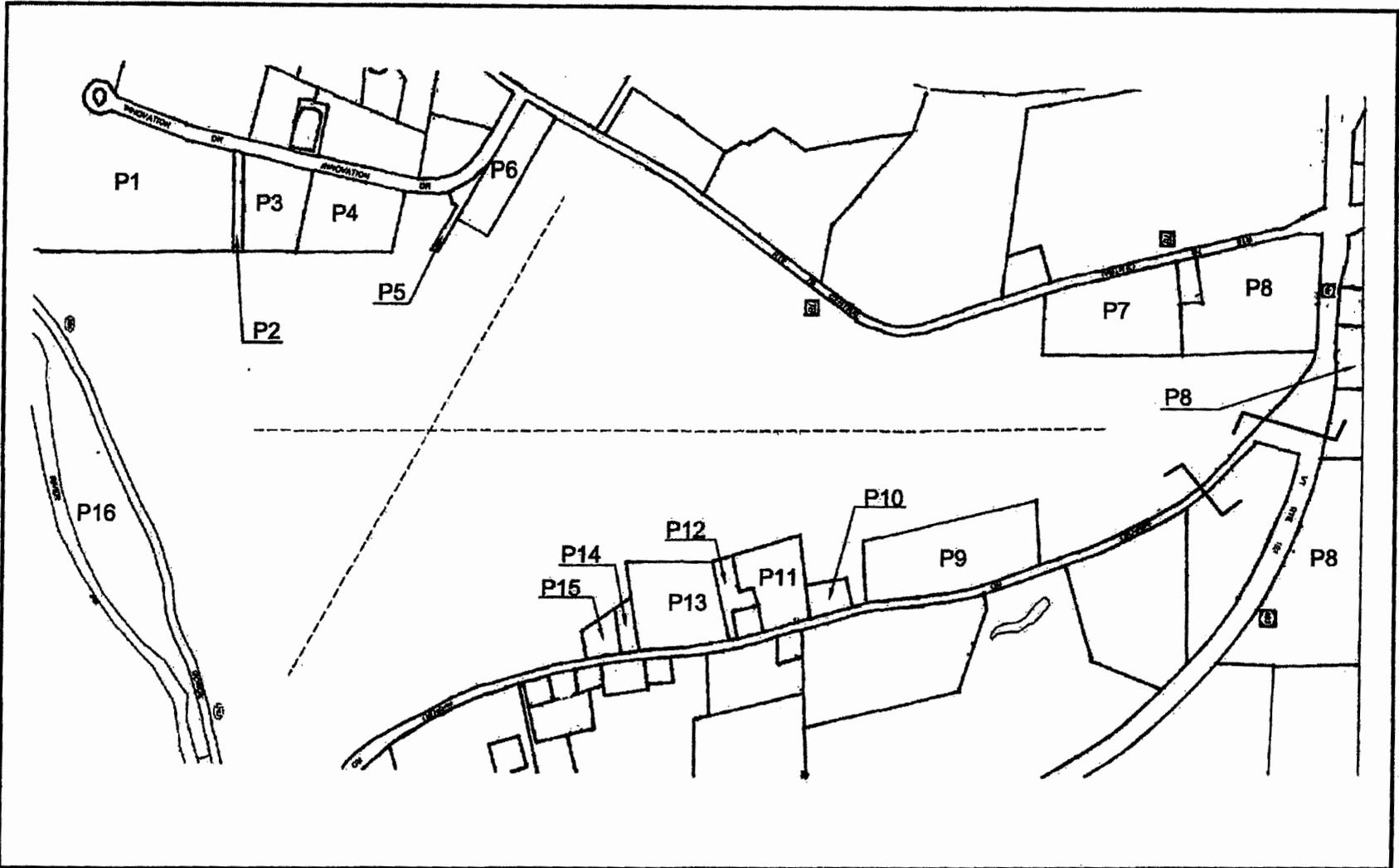


RUNWAY 1 RSA PROFILE

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
 MONTPELIER, VT 05633-5001

RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 20 OF 35



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
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AIRPORT PROPERTY
 TAX MAP

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
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 MONTPELIER, VT 05633-5001

RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 22 OF 35

ADJOINING PROPERTY OWNERS

- P1. Airport View Enterprises
- P2. REDC/RABP
- P3. Knapmiller & Knapmiller
- P4. REDC/RABP
- P5. REDC/RABP
- P6. Ritter, George
- P7. Baker, Norman & Patricia
- P8. Gilbert Pierce Estate
- P9. Dransfield, Mary & David
- P10. White, Cecil & Jacqueline
- P11. Rabtoy, Donaldeen & Calvin
- P12. State of Vermont/Agency of Transportation/Aviation
- P13. Badger, Charlotte & Lucretia
- P14. Seymore, Roy & Marilyn
- P15. Minard, Robert & Barbara
- P16. VT Housing & Conservation BD

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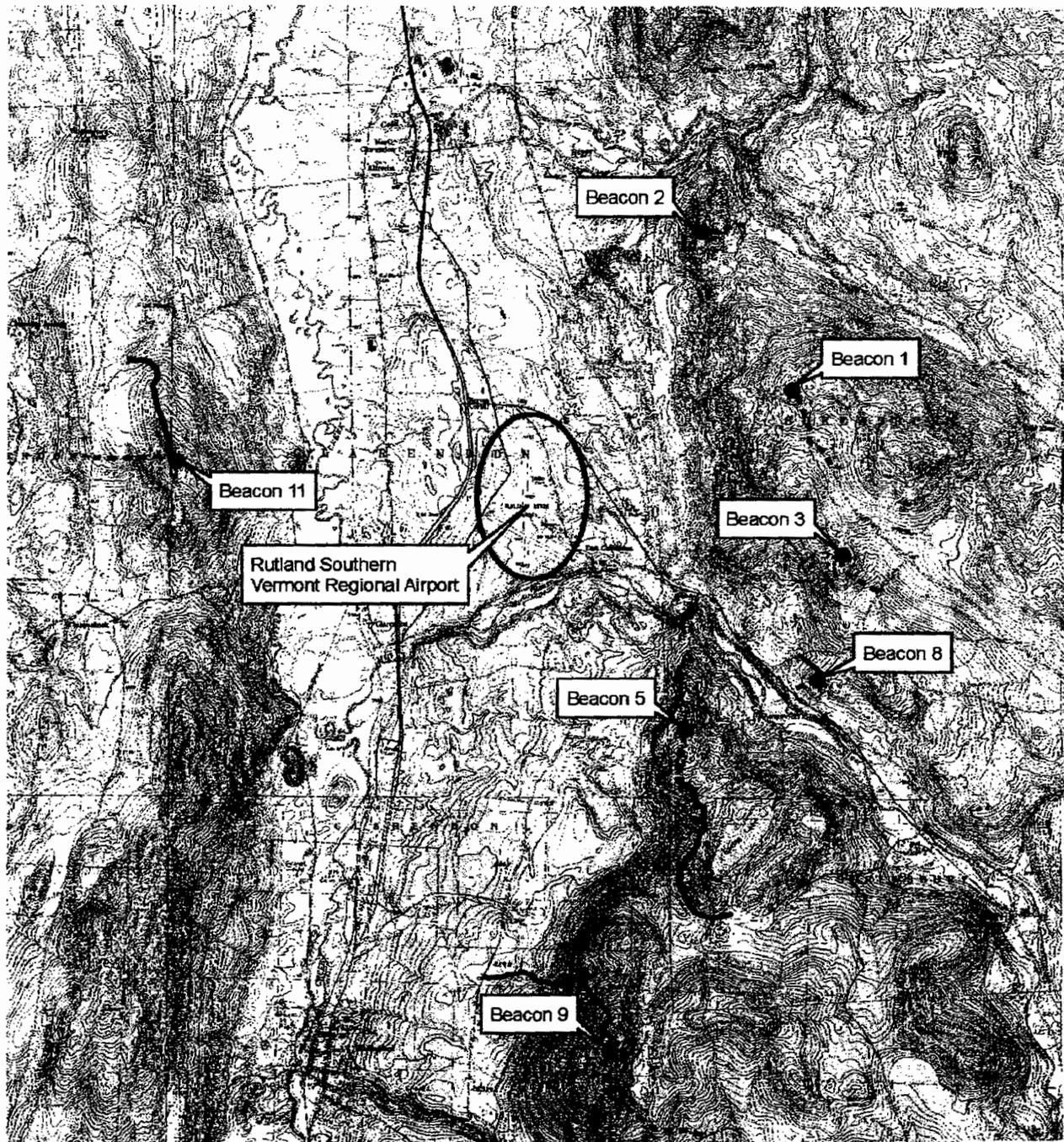


AIRPORT PROPERTY
ABUTTERS LIST

APPLICANT
VERMONT AGENCY OF TRANSPORTATION
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MONTPELIER, VT 05633-5001

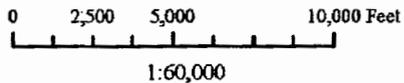
RUNWAY SAFETY AREA IMPROVEMENTS
RUTLAND SOUTHERN VERMONT
REGIONAL AIRPORT
CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 23 OF 35



Legend

- Beacon Location
- - - Powerline ROW
- Construction Access



PURPOSE: SAFETY IMPROVEMENTS
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 HORIZONTAL DATUM: VT STATE PLANE GRID

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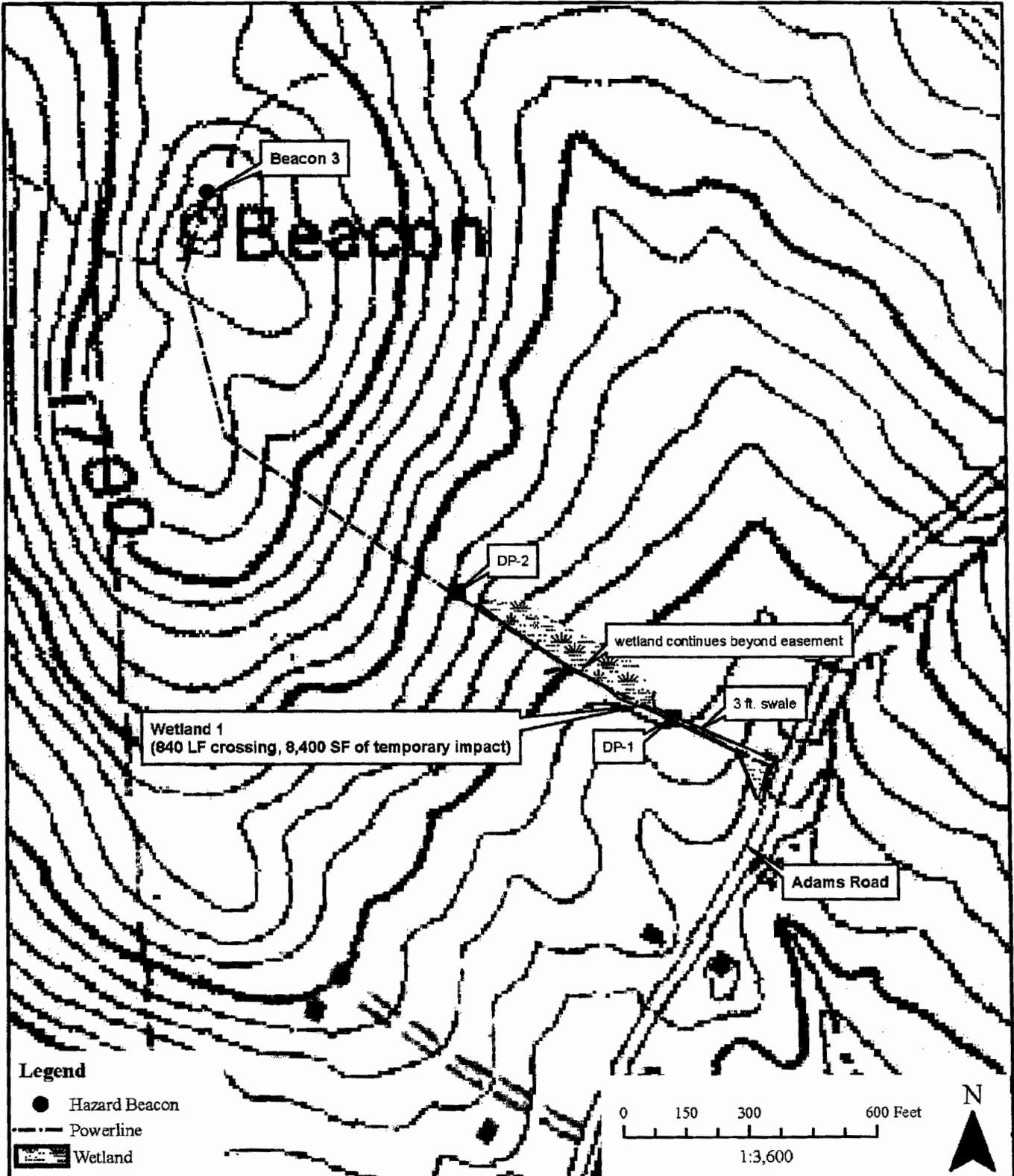


USGS LOCATION MAP

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
 MONTPELIER, VT 05633-5001

RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 24 OF 35



Legend

- Hazard Beacon
- Powerline
-  Wetland

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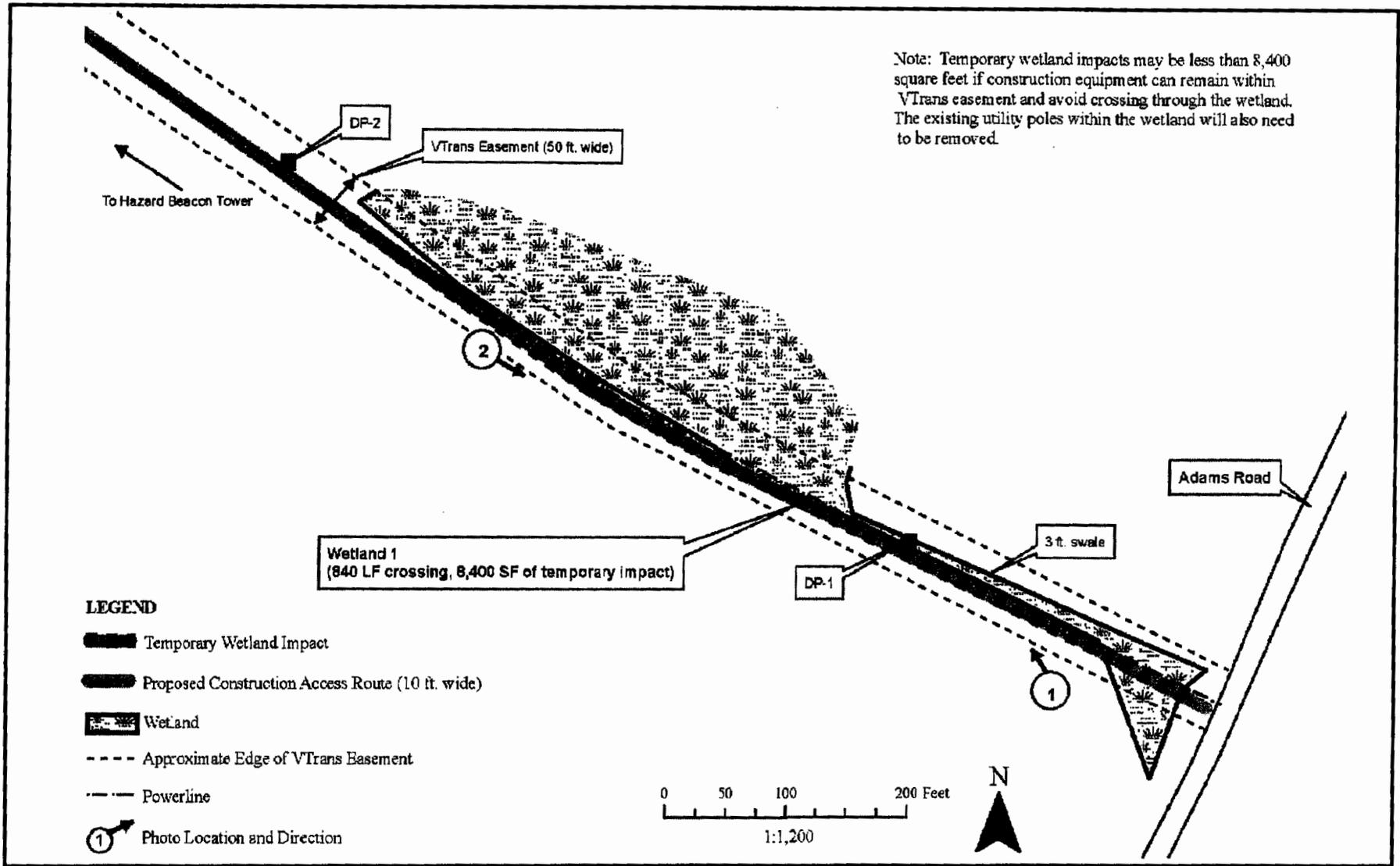


**BEACON 3 WETLAND IMPACTS
 MAP 1**

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
 MONTPELIER, VT 05633-5001

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 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 25 OF 35



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BEACON 3 WETLAND IMPACTS
 MAP 2

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
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RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

12-0-0301
58.2 AS

683.2
226.3

11.88 AS
1416.79

1128.46

Korzun

021-0-1846
44.0 AS

659.42

435.22

RD

1906.9

Wheeler

005-0-0440
38.85 AS

Wheeler
11.2 AS

347.5

5

304

4

346

3

749.4

257.7
73.5
43.9

6
Adams
6.55 AS

80.15
151.7

511.2

Adams

005-0-0321
23.65 AS

17.1 AS

922.7

8

163.4 AC

Kelley

4-0-0075
65.8 AC

685.3

2

Macaluso
005-0-0215
20.4 AS

911

684 ADAMS

722.9

Emerick
005-0-0186
10.05 AS

9

445.9

560.1

Ferguson
023-0-031
10.1 A

323.0

PURPOSE: SAFETY IMPROVEMENTS
VERTICAL DATUM: NAVD 88
HORIZONTAL DATUM: VT STATE PLANE GRID

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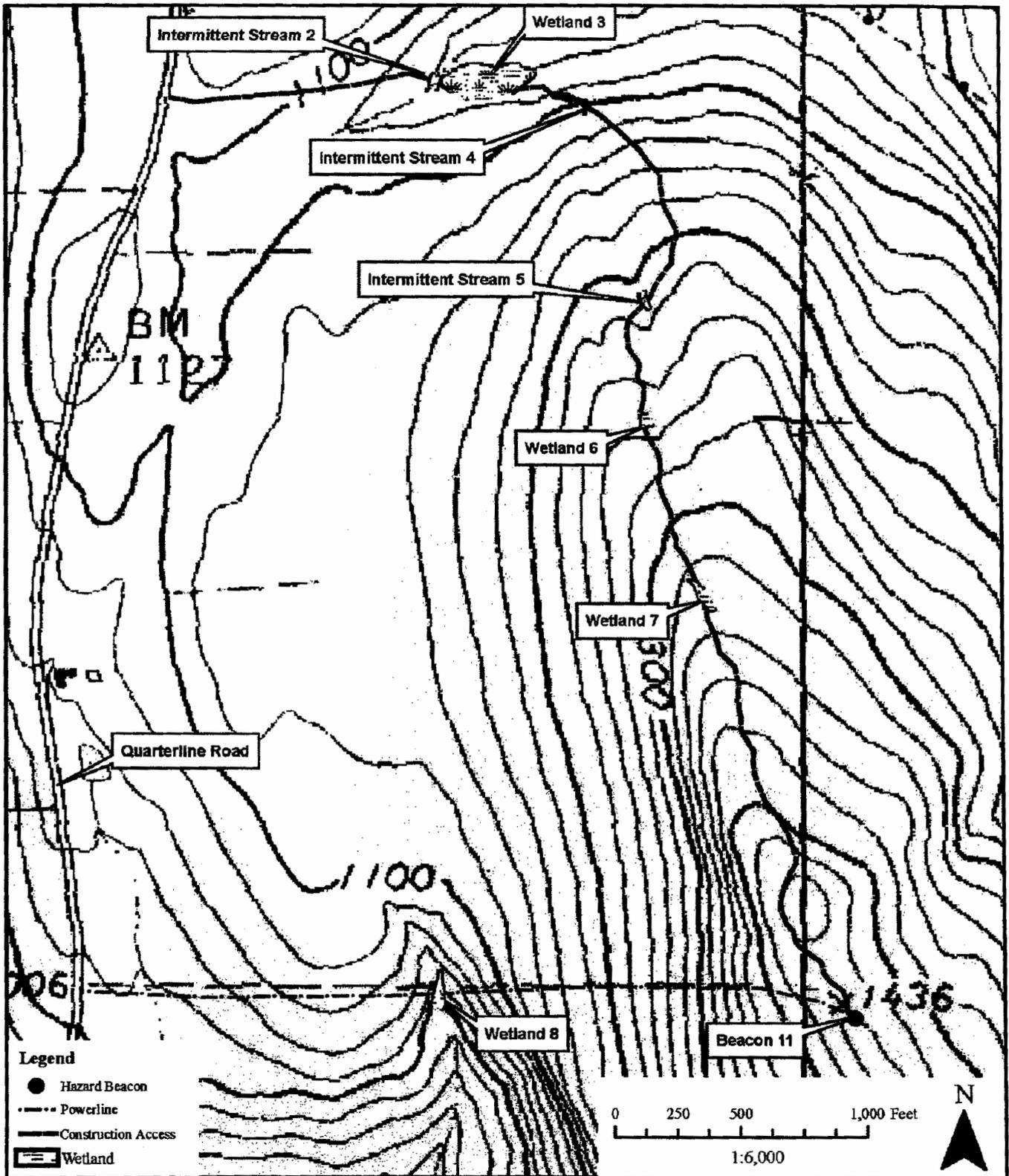


BEACON 3 TAX MAP

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RUNWAY SAFETY AREA IMPROVEMENTS
RUTLAND SOUTHERN VERMONT
REGIONAL AIRPORT
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DATE: JANUARY 2013 SHEET 27 OF 35



Legend

- Hazard Beacon
- - - Powerline
- Construction Access
- ▭ Wetland

PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
 HORIZONTAL DATUM: VT STATE PLANE GRID

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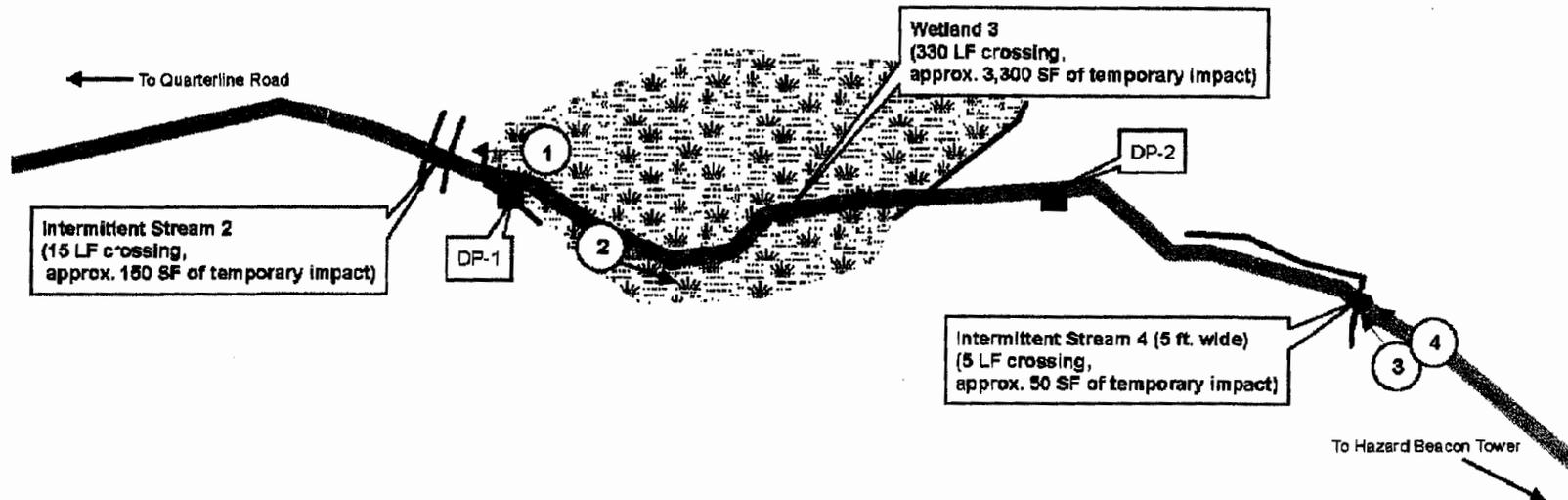


**BEACON 11 WETLAND IMPACTS
 MAP 1**

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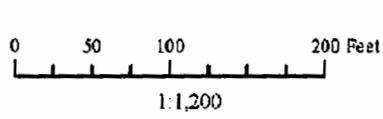
**RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT**

DATE: JANUARY 2013 SHEET 28 OF 35



LEGEND

-  Temporary Wetland Impact
-  Proposed Construction Access Route (10 ft. wide)
-  Wetland
-  Photo Location and Direction



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
 HORIZONTAL DATUM: VT STATE PLANE GRID

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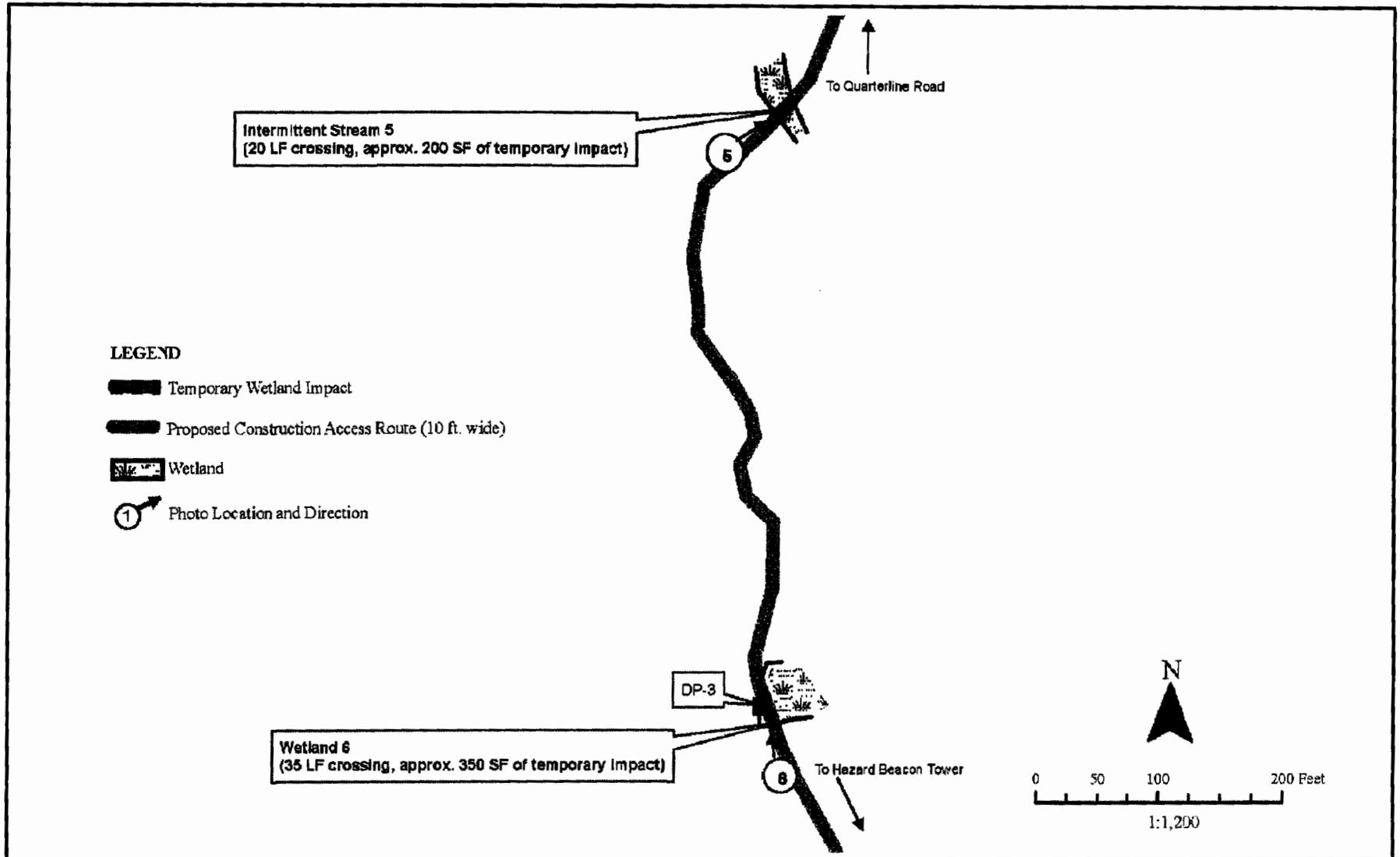


BEACON 11 WETLAND IMPACTS
 MAP 2

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
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RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 29 OF 35



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
 HORIZONTAL DATUM: VT STATE PLANE GRID

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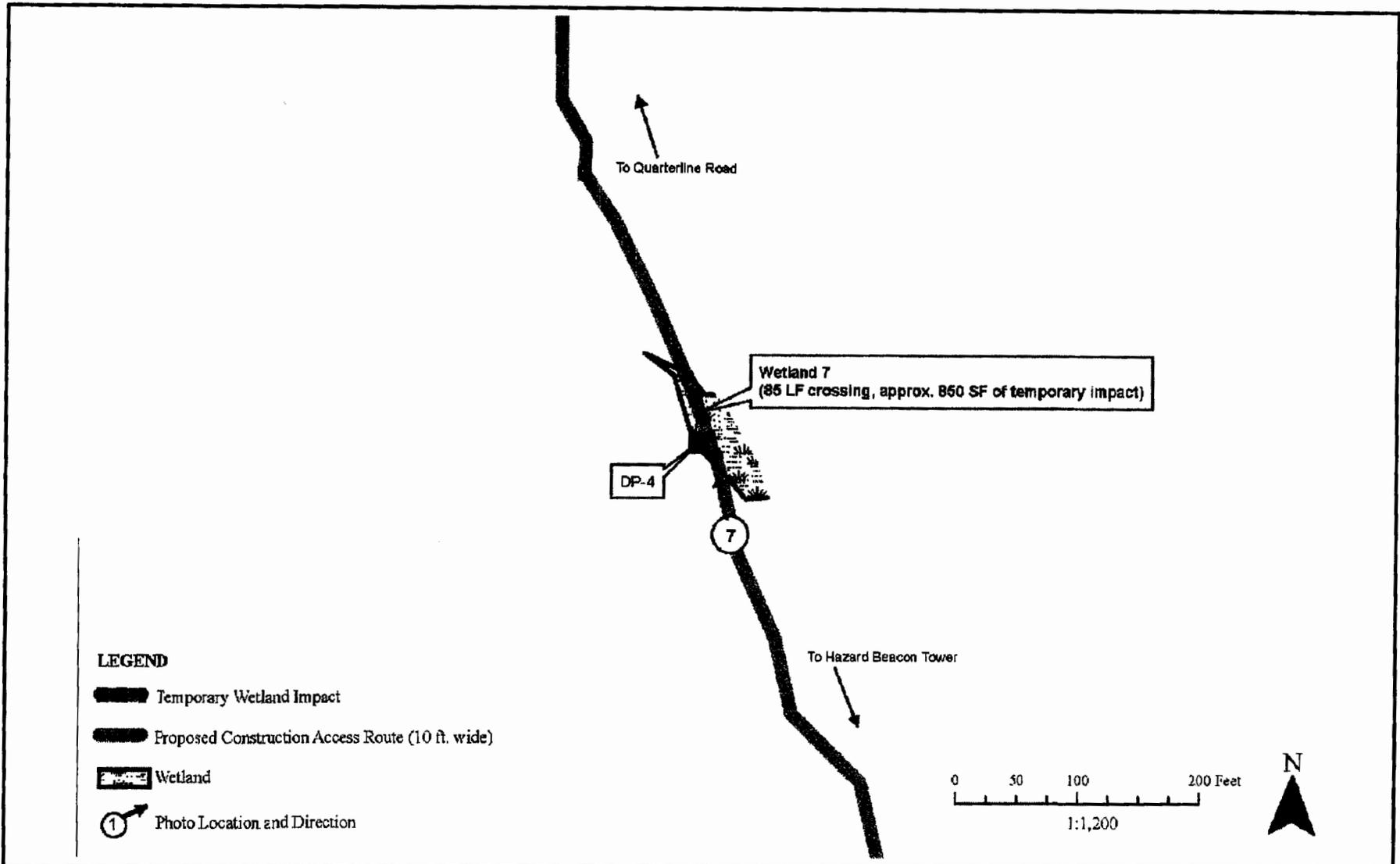


BEACON 11 WETLAND IMPACTS
 MAP 3

APPLICANT
 VERMONT AGENCY OF TRANSPORTATION
 NATIONAL LIFE BUILDING
 MONTPELIER, VT 05633-5001

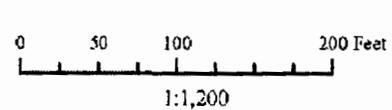
RUNWAY SAFETY AREA IMPROVEMENTS
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DATE: JANUARY 2013 SHEET 30 OF 35



LEGEND

-  Temporary Wetland Impact
-  Proposed Construction Access Route (10 ft. wide)
-  Wetland
-  Photo Location and Direction



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
 HORIZONTAL DATUM: VT STATE PLANE GRID

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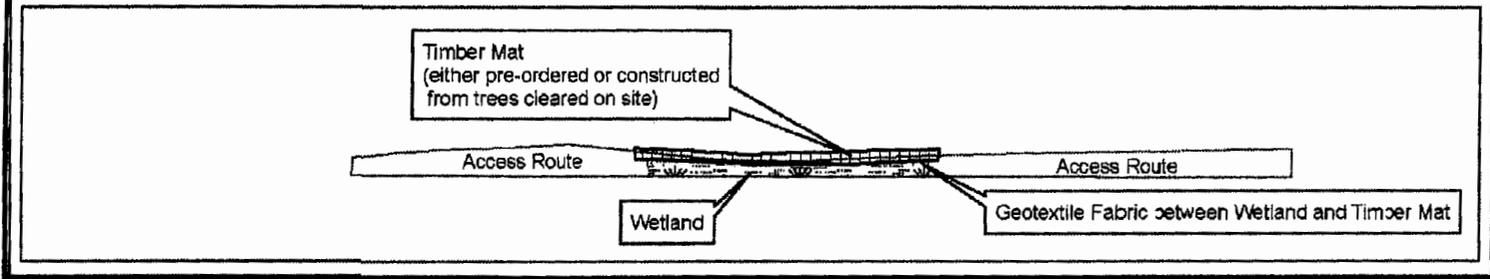
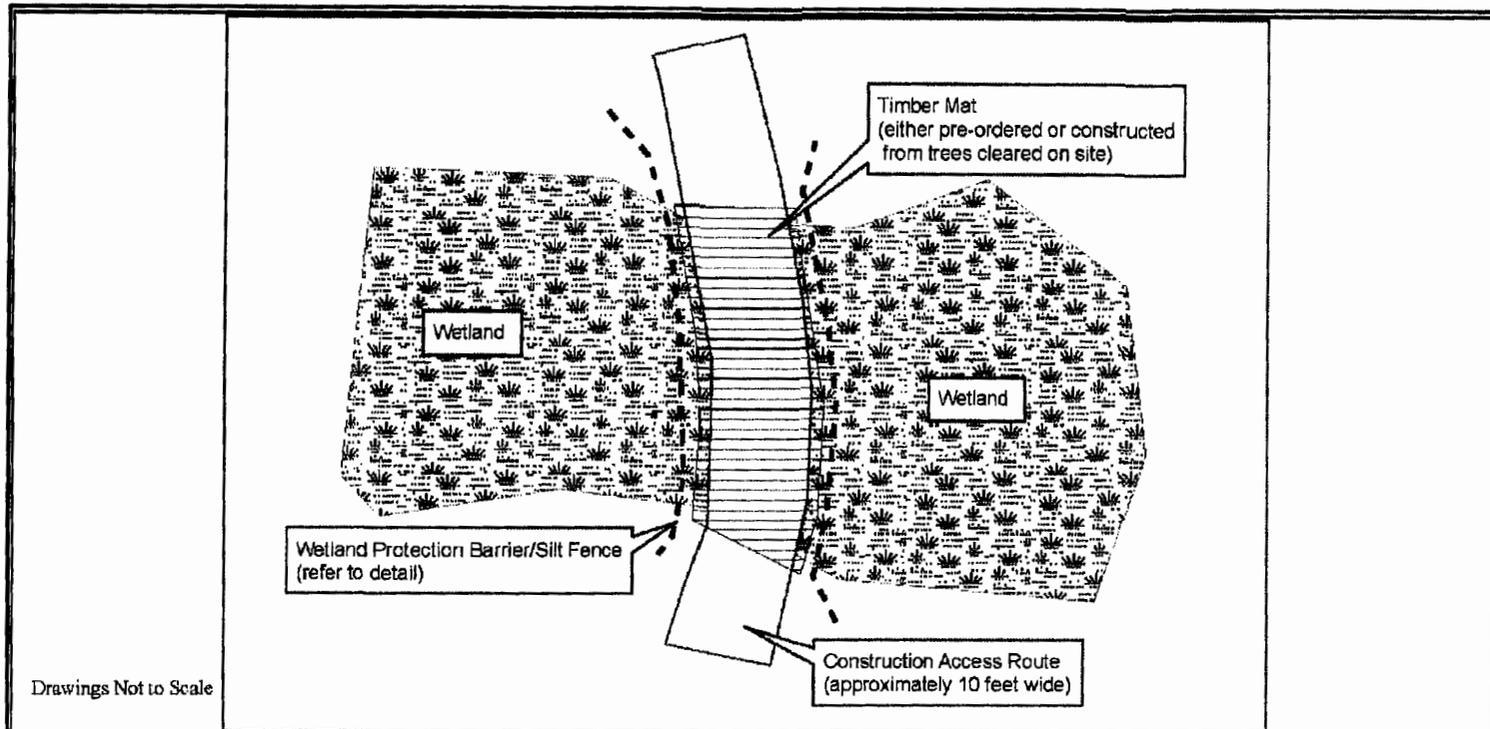


BEACON 11 WETLAND IMPACTS
 MAP 4

APPLICANT
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RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 31 OF 35



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
 HORIZONTAL DATUM: VT STATE PLANE GRID

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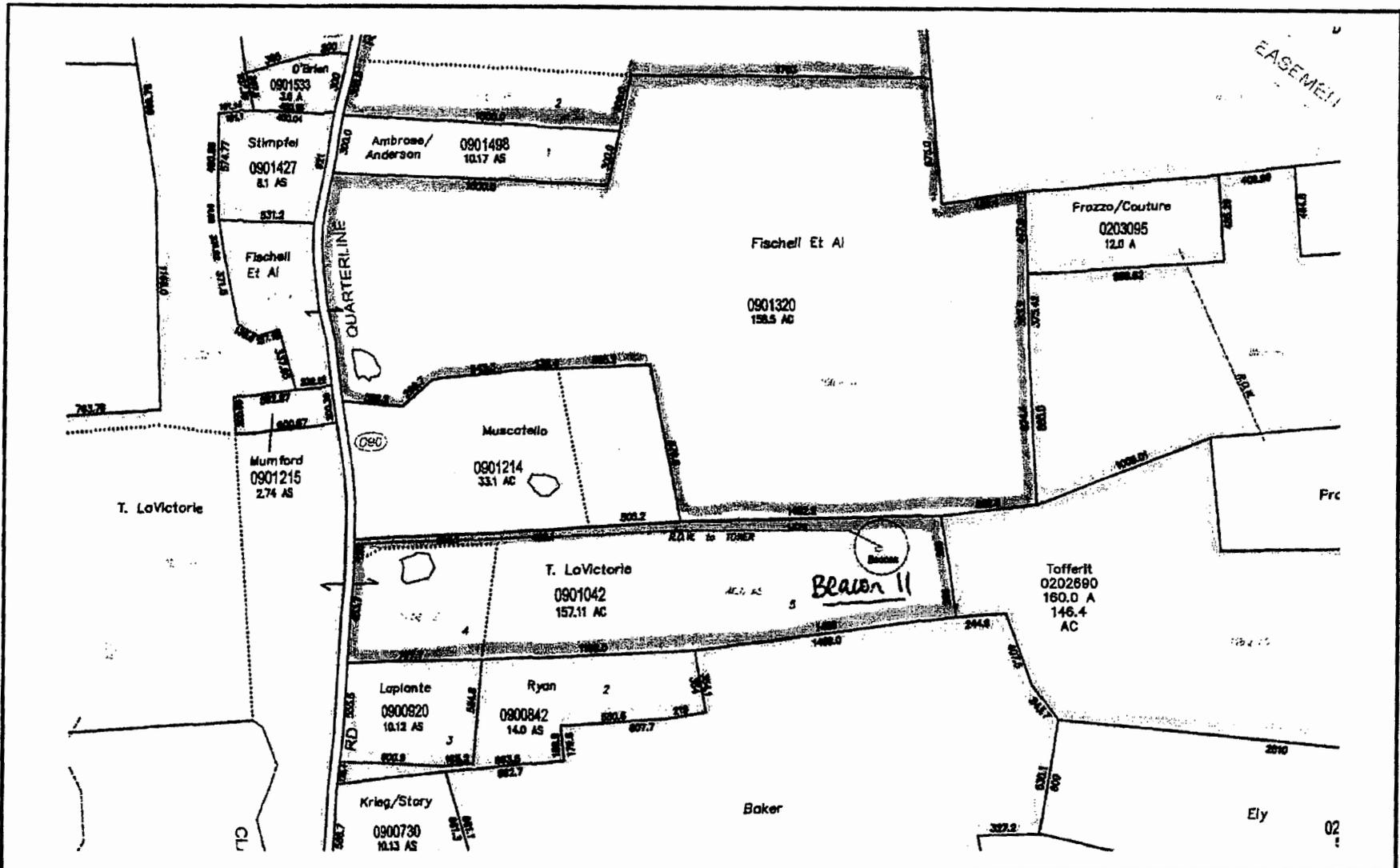


WETLAND CROSSING DETAIL

APPLICANT
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RUNWAY SAFETY AREA IMPROVEMENTS
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 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 32 OF 35



PURPOSE: SAFETY IMPROVEMENTS
 VERTICAL DATUM: NAVD 88
 HORIZONTAL DATUM: VT STATE PLANE GRID

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BEACON 11 TAX MAP

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RUNWAY SAFETY AREA IMPROVEMENTS
 RUTLAND SOUTHERN VERMONT
 REGIONAL AIRPORT
 CLARENDON, VERMONT

DATE: JANUARY 2013 SHEET 33 OF 35