

NH DOT, I-95 – Route 33 Interchange

File No.: 199800381

City and State: Portsmouth, NH

General Impacts: 2.84 acres non-tidal scrub-shrub

Functions and Values Lost: (From Database)

Sediment Retention

Nutrient Removal

Year(s) Mitigation Constructed: December 1998

Size and Type of Mitigation as Proposed: 2.35 acres

Proposed Functions and Values of Mitigation: (From Database)

Sediment Retention

Nutrient Removal

Mitigation Special Condition(s):

The Department of Transportation will faithfully implement the mitigation package as you have committed to do in your Wetlands Bureau application and as required by the conditions of your state permit with the additional requirement that all submittals related to mitigation monitoring shall also be submitted to the Corps. Failure to comply with the conditions of your state permit will be considered failure to comply with your Corps permit and may subject you to the enforcement provisions of our regulations.

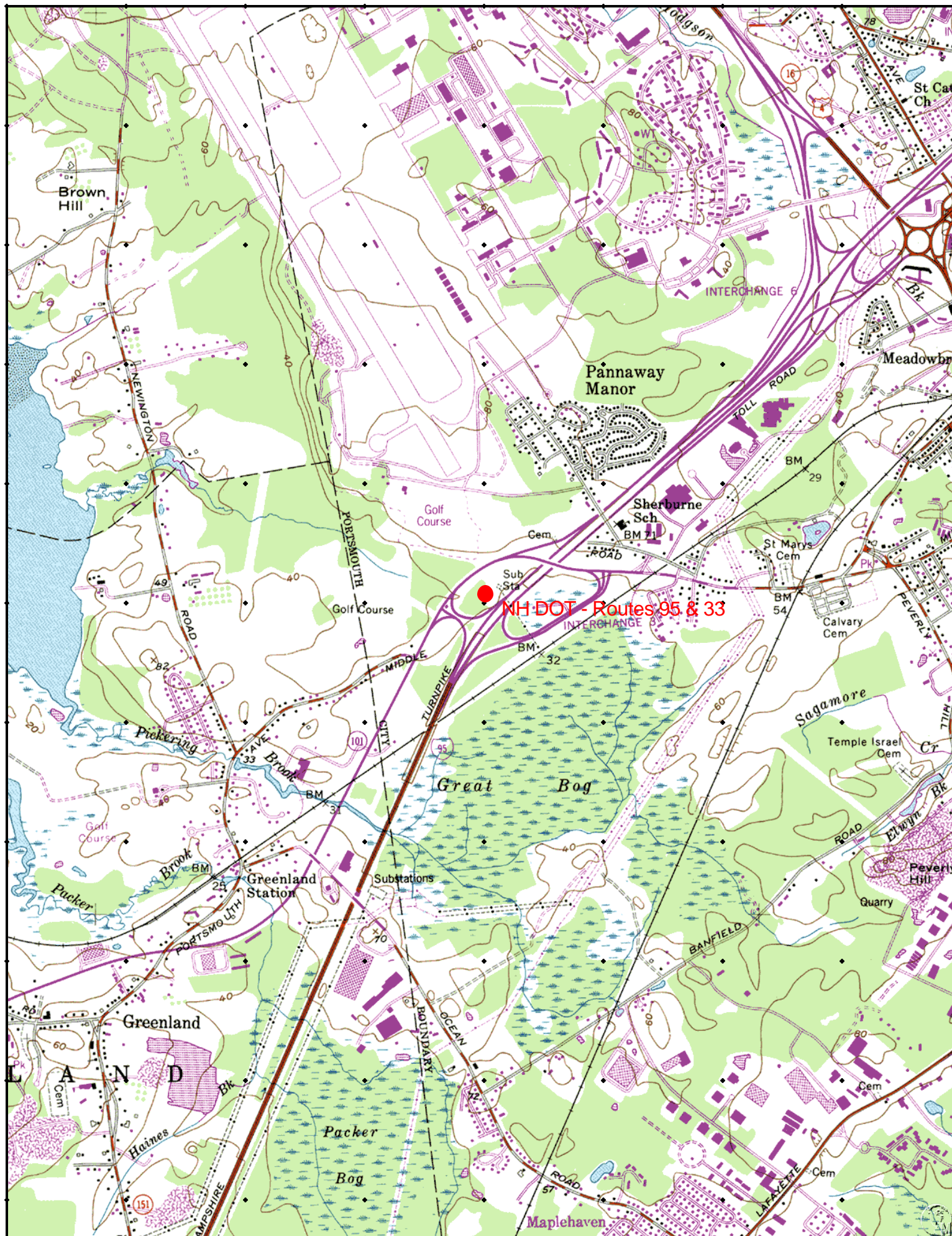
Remarks:

None

Directions:

Take 128/95 north. When it splits, bear right staying on I-95 north. When you get into the Portsmouth area, take the Park and Ride exit, the exit for route 33 and go north. Park at the Park and Ride lot and walk to the site, which is located between route 33 and I-95.





MITIGATION SITE FIELD DATA FORM

Site Name: I 95- Rt. 33 Interchange (Pease Tradesport) File No. 199800381

City/Town: Portsmouth State: NH Waterbody:

Monitor(s): Minkin, Barbeau, St. Pierre (DOT) Date: 10-9-02

Was site constructed? yes

Is site wetland? partially

Size of proposed wetland: 2.35 acres

Actual size of wetland: TBD

Landscape position: TBD

Lat./Long. Points:

PEA1-N43.05811W70.80743

PEA2-N43.05788W70.667

PEA3-N43.05730W70.80747

PEA5-N43.05729W70.80743

PEA6-N43.05620W70.80875

Saved GPS Waypoints Name: PEA1-3

PEA5, PEA 6

GPS Tracking Log Name: N/A

Perimeter: TBD

Surrounding land use:

Roadway

Is wetland compromised by surrounding land use?

Yes

Plant Health:

Good

Invasive Species:

Lythrum salicaria, Phragmites australis, some Typha latifolia, although it is not a dominant species here.

Wildlife Use:

Mosquitoes; consultant reported seeing frogs and deer

Plants:

Acer rubrum

Alnus rugosa

Aster lateriflorus

Carex lurida

Carex stricta

Cornus sp.

Lythrum salicaria

Onoclea sensibilis

Phalaris arundinacea

Phragmites australis

Populus sp.

Rosa sp.

Scirpus microcarpus

Typha latifolia

Adjacent Wetland Area:

Potamogeton sp.

Rhus typhina

Solidago sp.

Sparganium sp.

Verbena hastata

Soils Data:

Soils at site had highly disturbed profile; detailed data was not collected.

Sketch approximate mitigation site, noting areas and types of wetlands, waters, other features, landscape position, landmarks, etc., and data and photo point(s):

See file. 2 pictures were taken at PEA1, and 1 picture was taken at PEA6.

Overall Description of site:

Site is surrounded on all sides by asphalt roadway. Site permit calls for 2.35 acres of continuous wetland at mitigation site. Actual mitigation site, however, consists of a number of small, detached, pockets of wetland. Most of the site is very dry.

Comments, problems, recommendations:

Site is not currently a successful wetland. NH DOT needs to begin submitting monitoring reports on the site. They should also now address the problem of invasive species *Phragmites australis* and *Lythrum salicaria* before these plants dominate wetland areas.

MITIGATION CONSTRUCTION LINE/
45.0m OFFSET FROM SB OFF RAMP
(EXIT 3B) ALIGNMENT

NH DOT I-95/Route 33
Interchange 199800381

Wetland I.D. Interchange 199800381

Latitude N43.05811 Longitude W70.80743

Prepared by: Minkin Date 10/9/02

Wetland Impact:
Type _____ Area _____

Evaluation based on:

Office _____ Field X

Corps manual wetland delineation completed? Y_____ N X

* Refer to backup list of numbered considerations.

Notes:

199800318
NHDOT I-95-Rt. 33 Interchange
Portsmouth, NH
10/9/02



Taken from close to the northwest edge of the site looking west through the center of the site.
Trees were pre-existing.



Looking from the northwest edge of the site looking northeast.



Facing south into the creation area where the site is particularly hydrology-challenged.
A berm or old maintenance road is visible on the left.



Open water area along I-95.

USGS 4 km W of Portsmouth, New Hampshire, United States 29 Apr 1998



0 200M

0 200yd

Image courtesy of the U.S. Geological Survey
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