



Mast Rd Natural Area Restoration

2013 Lamprey River Symposium



PM12

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Mast Rd Natural Area Acquisition Notes

- Acquired from N.H. Public Golf Courses Inc. by Southeast Land Trust of NH in 2011
- Funding by the Natural Resources Conservation Service Wetland Reserve Program (WRP) & Lamprey River Advisory Committee (LRAC)
- Restoration Component Required
- WRP \$1.6 million
- LRAC \$296,492 – match and management fund
- Total Acquisition Cost \$1.9 million



Mast Rd Natural Area

Resource Features

- 531 acres
- 6,877 ft. of frontage (4,955 ft. on south side) of the Lamprey River
- 500 ft. on the Piscassic River
- 200 ac. exemplary red maple floodplain forest
- 2nd highest known population of state endangered "button sedge"
- 2 exemplary poor level fens
- Blandings Turtles

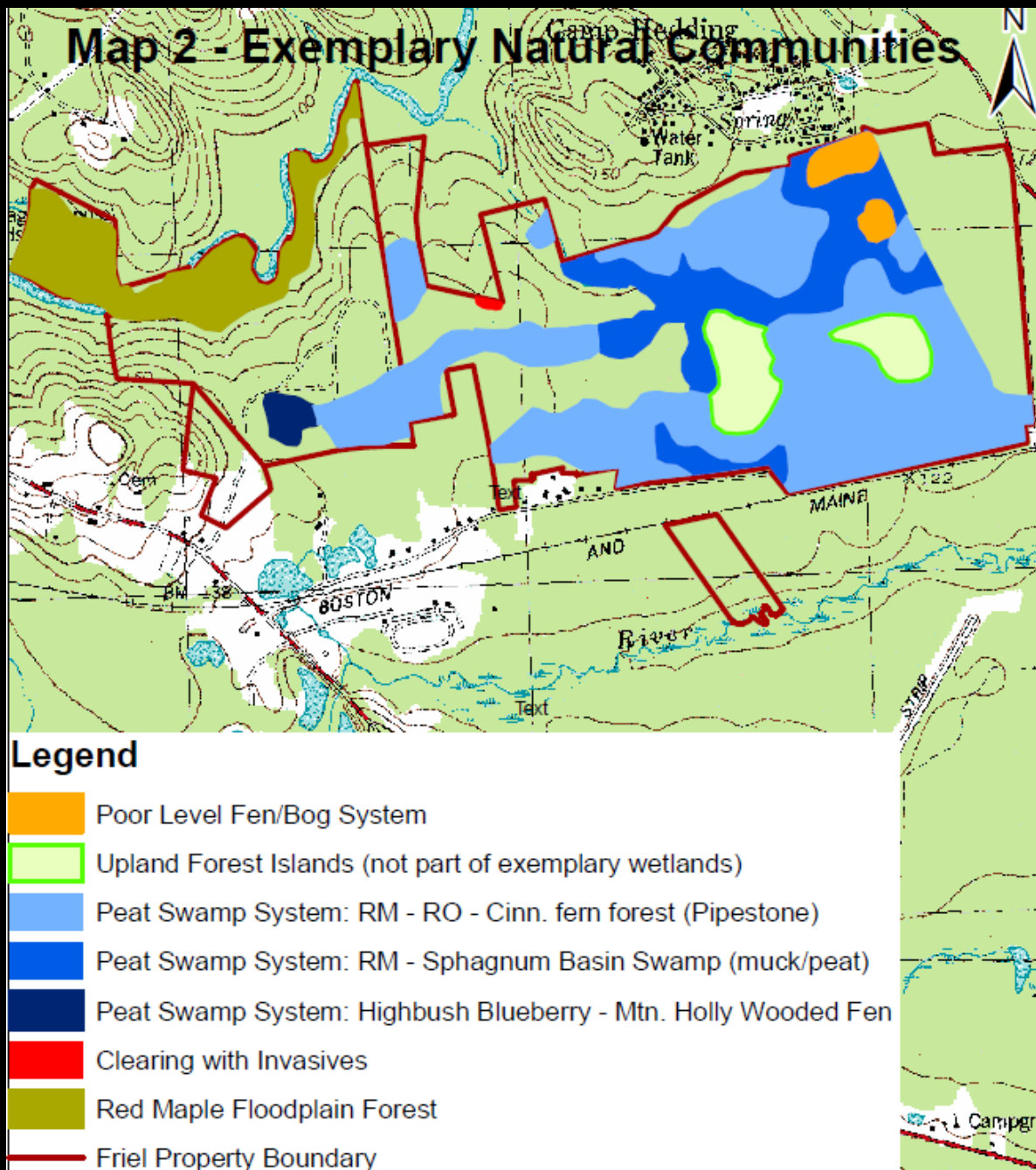


Mast Rd Troubled Past

- Portions were logged, stumped and ditched for drainage in the 1980's
- Became an ATV/4x4 playground
- Attracted tons of trash, hundreds of tires, abandoned cars, piggery bldgs., pavement from an outdoor theater, pot plantation
- Abandoned gravel and sand pits
- Sulky track

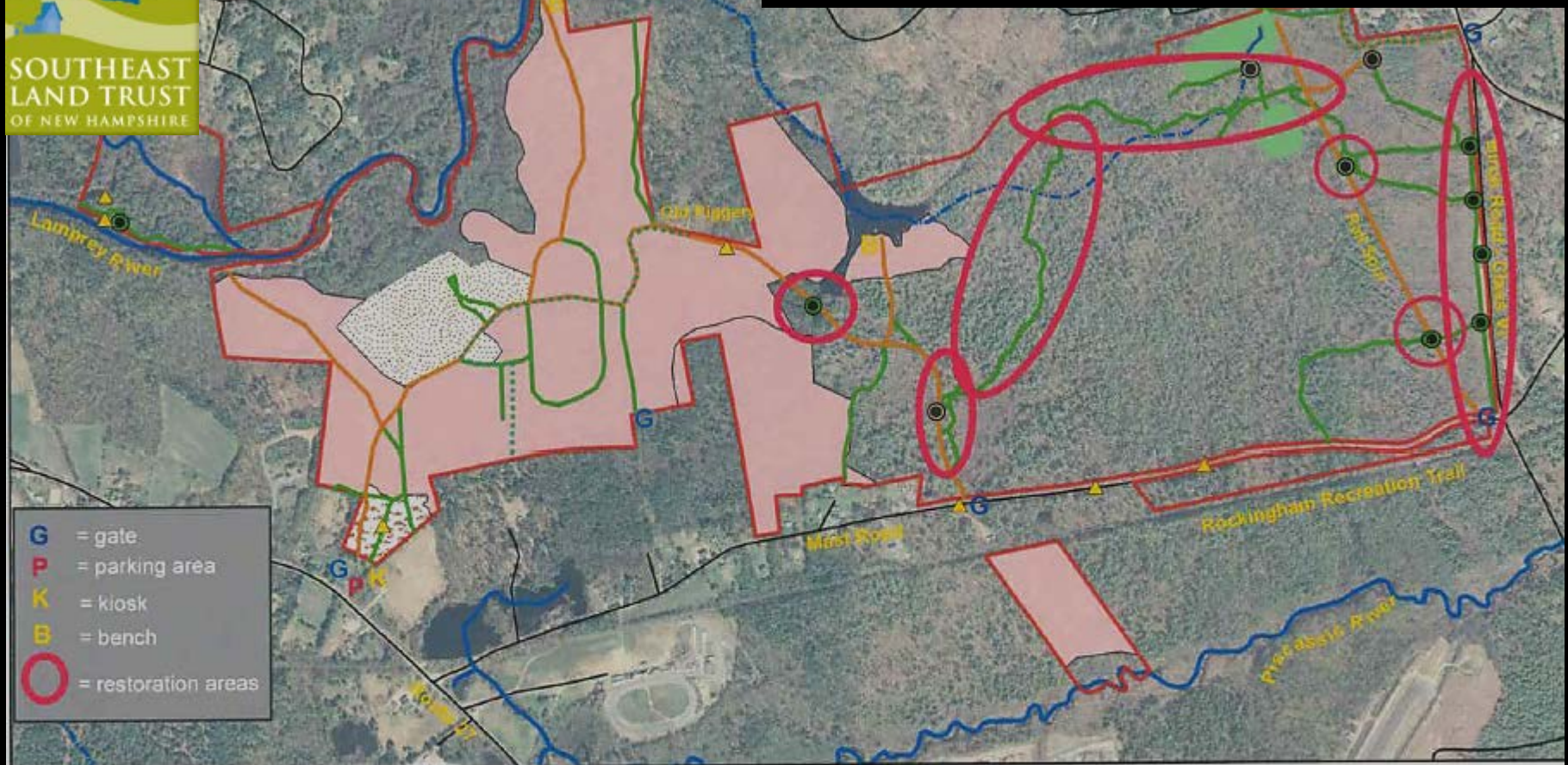
Mast Rd Natural Area





2012 Management Plan Ellen Snyder, Ibis Wildlife Consulting

**SOUTHEAST
LAND TRUST
OF NEW HAMPSHIRE**



- G** = gate
- P** = parking area
- K** = kiosk
- B** = bench
- = restoration areas

- Mast Road Natural Area
- Roads
- ▲ Invasive Plant Control
- Debris Removal
- Possible Snowmobile Route
- Trails Maintain
- Trails Close
- Field Management
- Forest Mgmt Area
- Fens
- Early Successional: Young Forest
- River
- River/Stream
- Intermittent Stream

Mast Road Natural Area -- Epping, NH
Southeast Land Trust of New Hampshire

0 500 1,000 2,000 Feet

Map 6
Management
Recommendations

Data Sources:
Property boundary and feature locations are approximate. Habitats and point features mapped by Ibis Wildlife Consulting. Natural communities modified from Sperduto (2011). Aerial photo, streams, and roads from NH GRANIT. Property boundary from SELTNH.

December 2011





Mast Rd Natural Area Western Section

2013/14 Restoration Plan Map
Southeast Land Trust of NH
Epping, NH

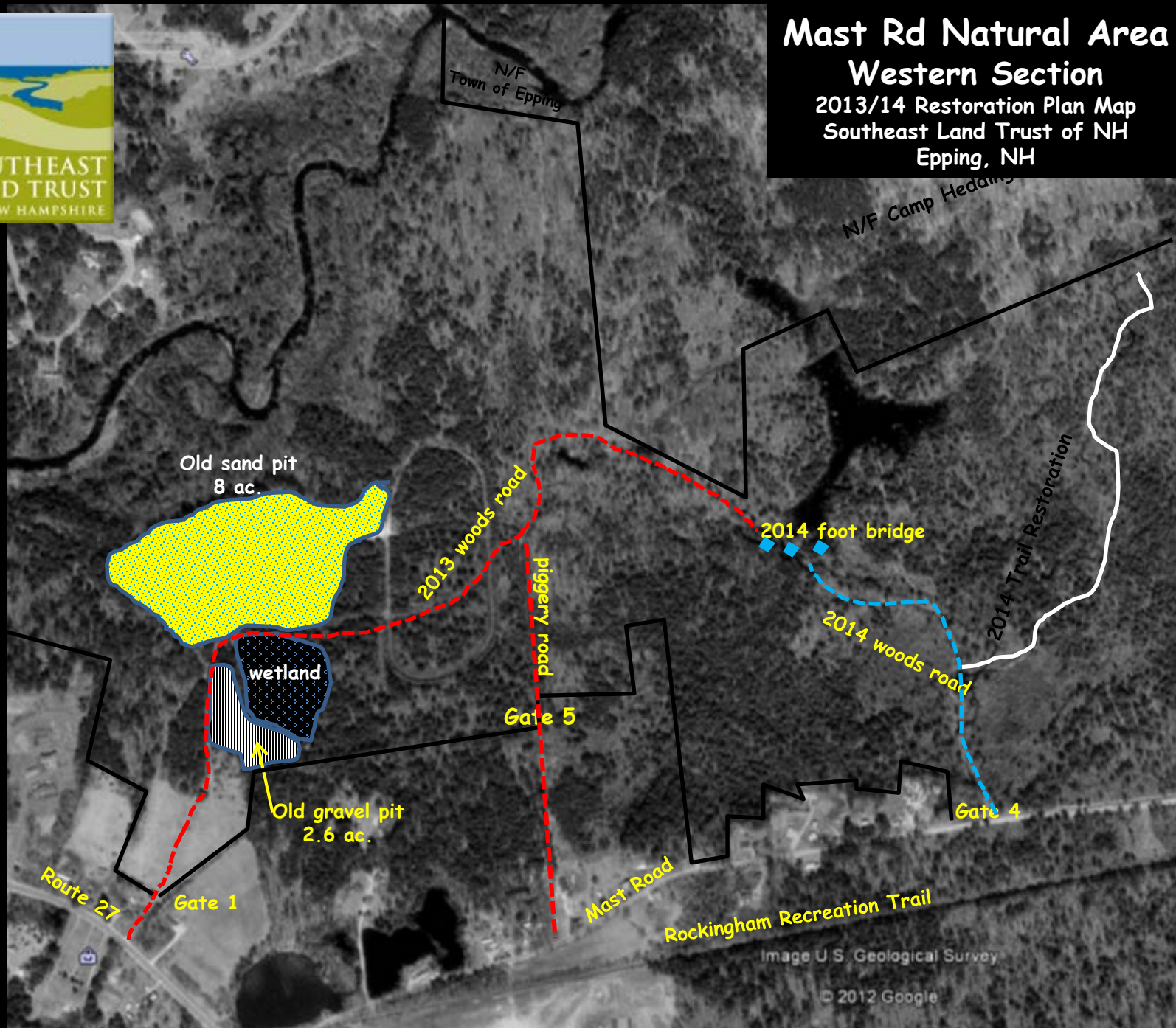


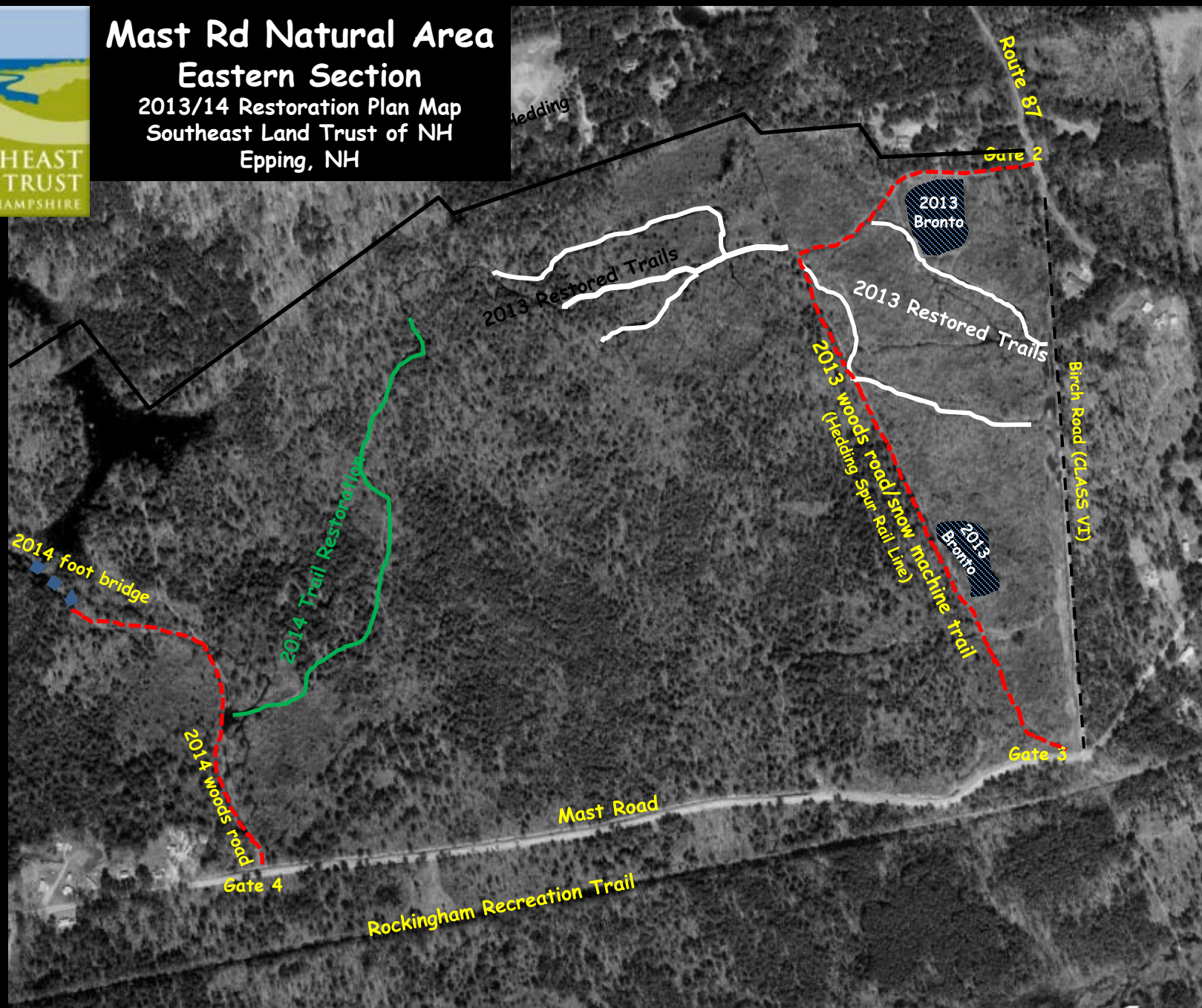
Image U.S. Geological Survey

© 2012 Google



Mast Rd Natural Area Eastern Section

2013/14 Restoration Plan Map
Southeast Land Trust of NH
Epping, NH





Old Gravel Pit

AM 9:20 JUL/19/2013



Old Gravel Pit Day 1 - July 24, 2013



AM 9:58 JUL/24/2013



Old Gravel Pit



PM12:31 AUG/ 5/2013



Old Gravel Pit



PM12:31 AUG/ 5/2013



Old Gravel Pit

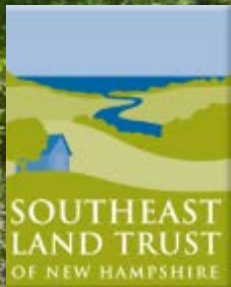


PM12:31 AUG/ 5/2013



Brontosaurus Preparation Along Trail Sides
Note Burned Edge





Trail Prior To Restoration



PM 1:06 AUG/ 5/2013



AM 9:19 JUL/19/2013



PM 1:01 AUG/ 5/2013



AM 11:45 AUG/ 17/2013



AM11-45 AUG 3, 2013



Finished Sand Base

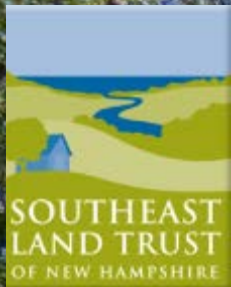
PM12:10 AUG/14/2013



Redistributing Burned Edges



PM12:11 AUG/14/2013



"Trail" Restoration Completed

PM1204 AUG/14/2013



PM12:03 AUG/14/2013



**"Trail" Restoration
occasional vernal pool**

PM12:09 AUG 14/2013



"Trail" Restoration
Former Trail Entrance

PM12:33 AUG/14/2013

Button Sedge Replanting



PM 1:09 AUG 5/2013

Button Sedge - Lifted And
Ready To Plant



PM 2:56 AUG 7/2013

Button Sedge - Lifted And Ready To Plant



PM 1:27 AUG/ 7/2013

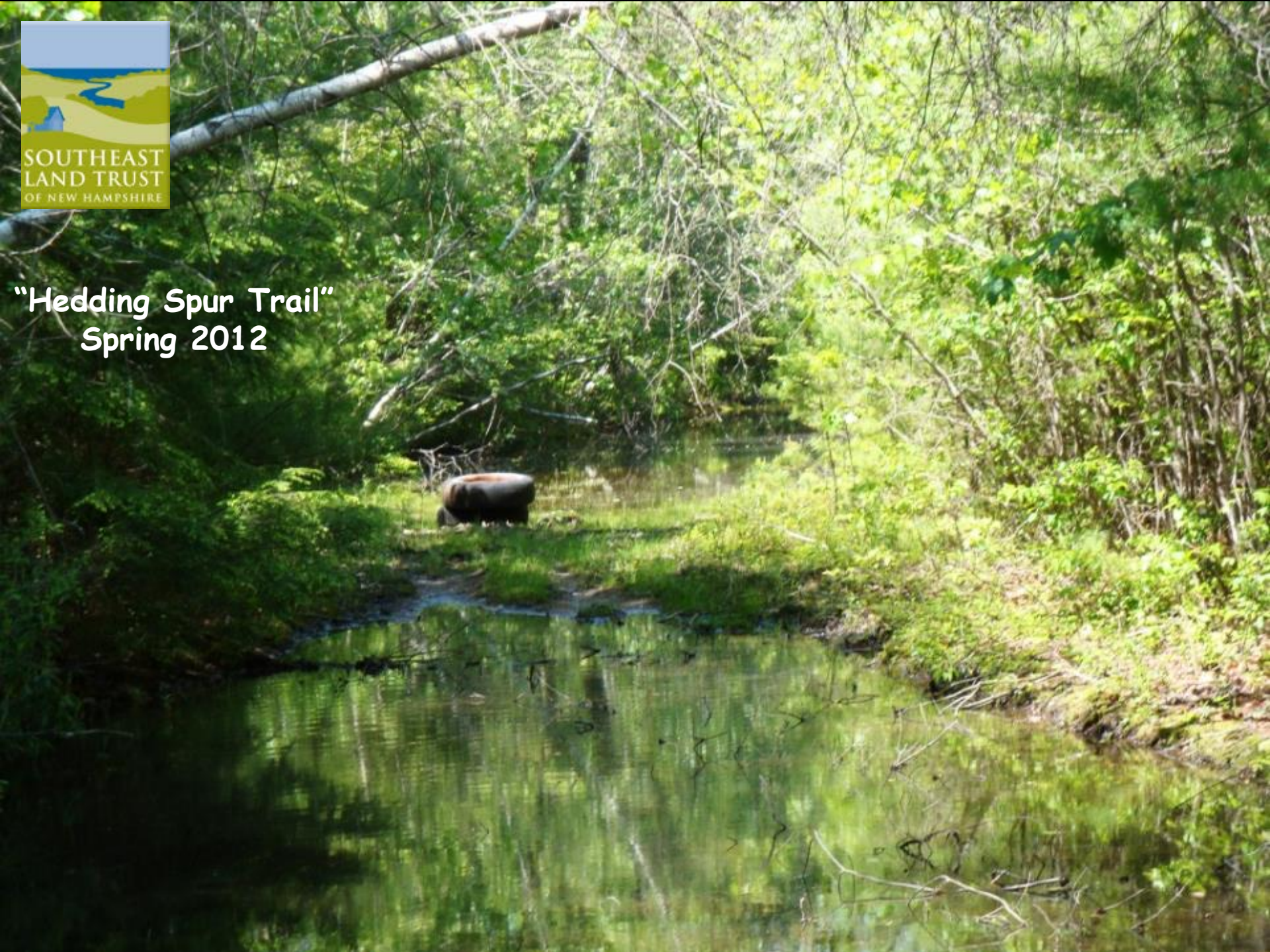


Button Sedge - Replanted & Trail Restored

AM11:22 AUG/ 8/2013



"Hedding Spur Trail"
Spring 2012





Hedding Spur Trail
after finish grading

AM11:01 AUG/23/2013

Guard Railing Along Birch Rd



AM10:08 AUG/20/2013



Old Gravel Pit
Re-loaming

PM12:34 AUG/ 5/2013



Old Gravel Pit
August 22, 2013

AM10:35 AUG/22/2013

Old Gravel Pit Oct. 4, 2013



Photo courtesy of Elmma Carcagno

Old Sand Pit
8 Ac. Early Succession
Habitat Management Area



PM12:36 AUG/ 5/2013

Old Sand Pit
Turtle Nesting Site



AM11:48 AUG/22/2013



North Fen Bog Pond & Button Sedge (*Carix bullata*)



Photo courtesy of Elmma Carcagno