

Town of Windham



NH 111 Corridor & Wall St Connector Feasibility Study

**Project Advisory
Committee Meeting
March 25, 2010**



McFarland Johnson



Agenda

- Welcome/Introductions
- Public Comment
- PAC Meeting 4 Summary
- Adopt Problem & Vision Statements
- Traffic Modeling Results
- Future Land Use Assumptions
- Resource Inventory
- Alternatives Discussion
- Recurring Business
 - Project Schedule
 - Project Website
 - Contract Extension
 - Tracking
- Next Meeting
- Adjourn





Problem Statement

The Town of Windham, NH, lacks a vibrant town center. While zoning has been put place to create a town center with a variety of civic, commercial and multi-family uses, and community gathering spaces, the high volume of traffic on local roads and on the state highway that bisects the town center have impeded its development. Improvements to Interstate 93 will further increase this traffic and prevent the desired development. Additional obstacles to success include a lack of connectivity between existing commercial uses, the lack of public utilities, natural resource constraints, the high volume of truck traffic, and the trend towards vehicle dependency.



Vision Statement

The historic town center of Windham, NH will become a vibrant, pedestrian-friendly village center accessed by an improved road system that serves travel patterns more safely and efficiently resulting in reduced traffic volumes in the village. Community gathering spaces, new retail and civic destinations, and a range of housing options will be served by multiple modes of transportation, will enhance the quality of life and sense of community for residents and will attract visitors from around the region. Planning and development will be sensitive to the environment, to adjacent historic districts, and to residential neighborhoods while improving connectivity between existing and new development.

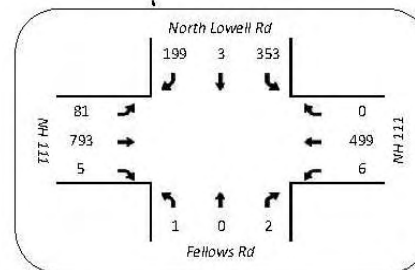
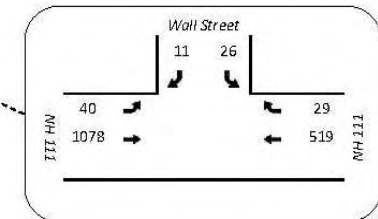
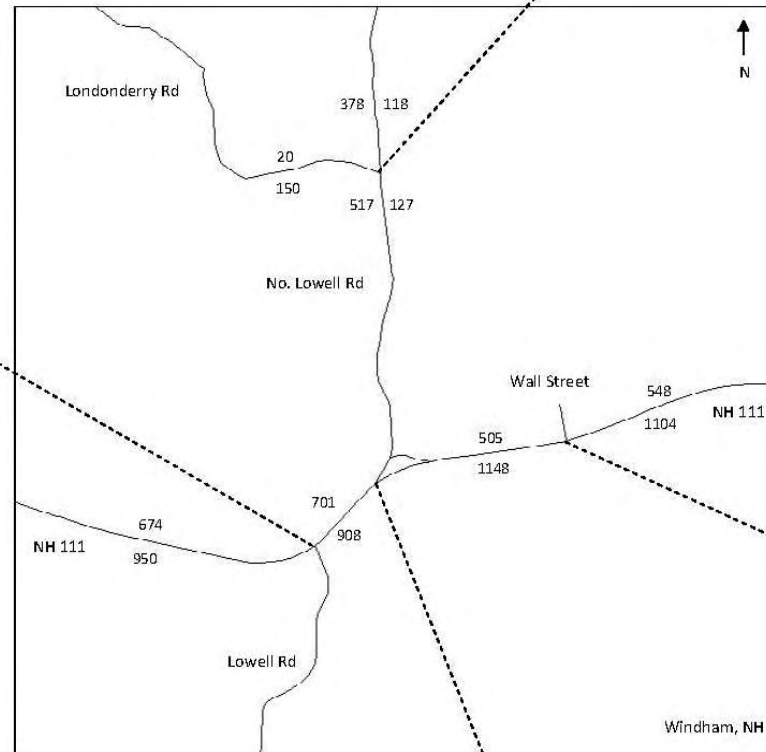
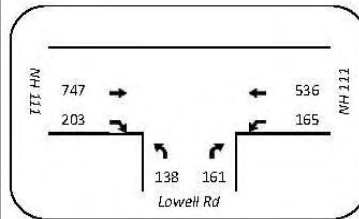
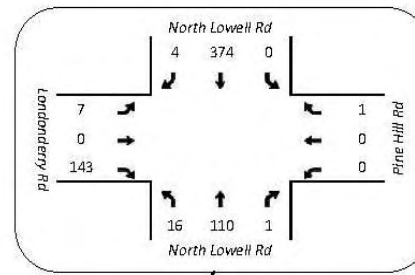


Traffic Modeling and Analysis

Year / Scenario: _____ Period: _____

2009 Existing

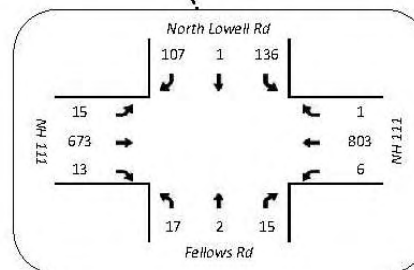
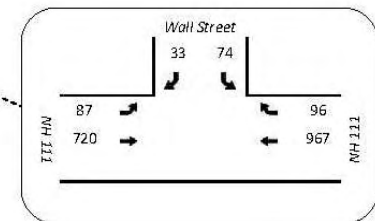
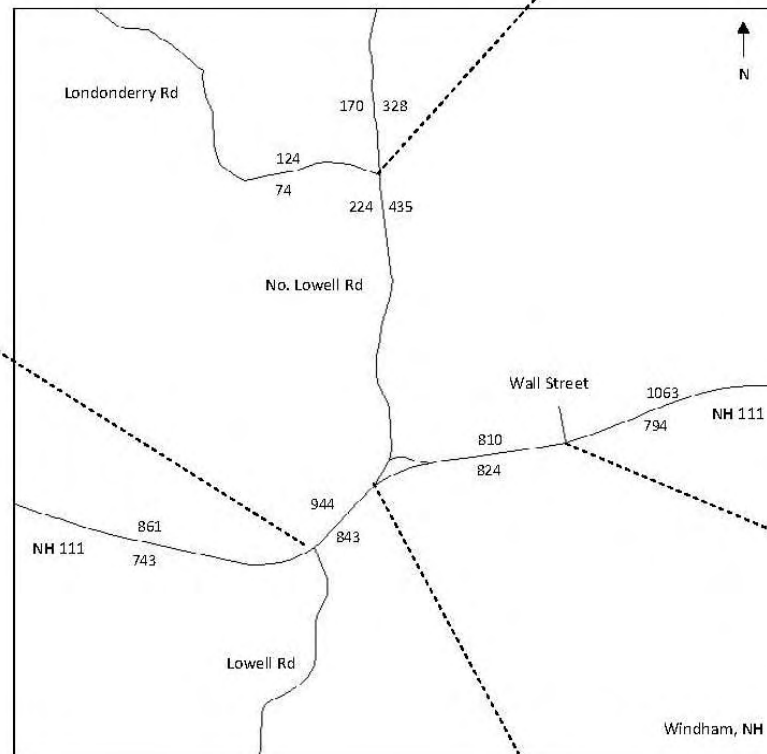
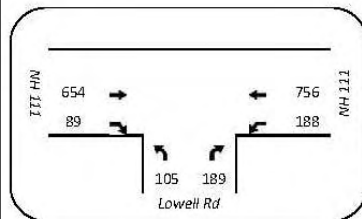
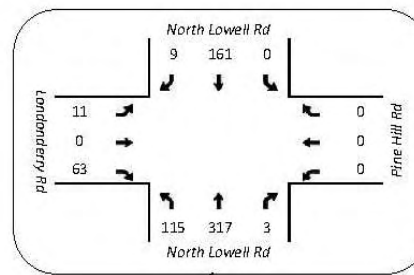
AM



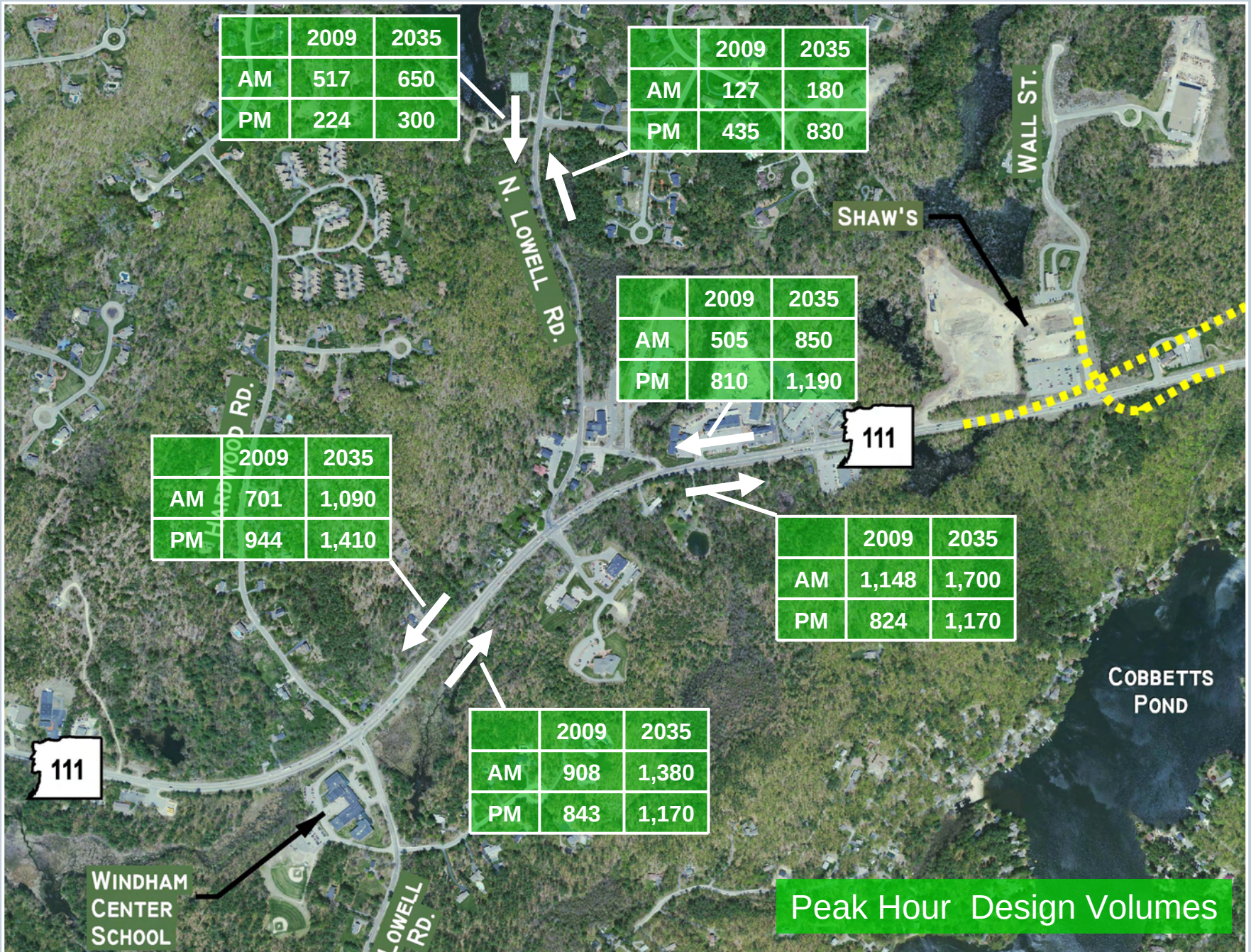
Year / Scenario: _____ Period: _____

2009 Existing

PM





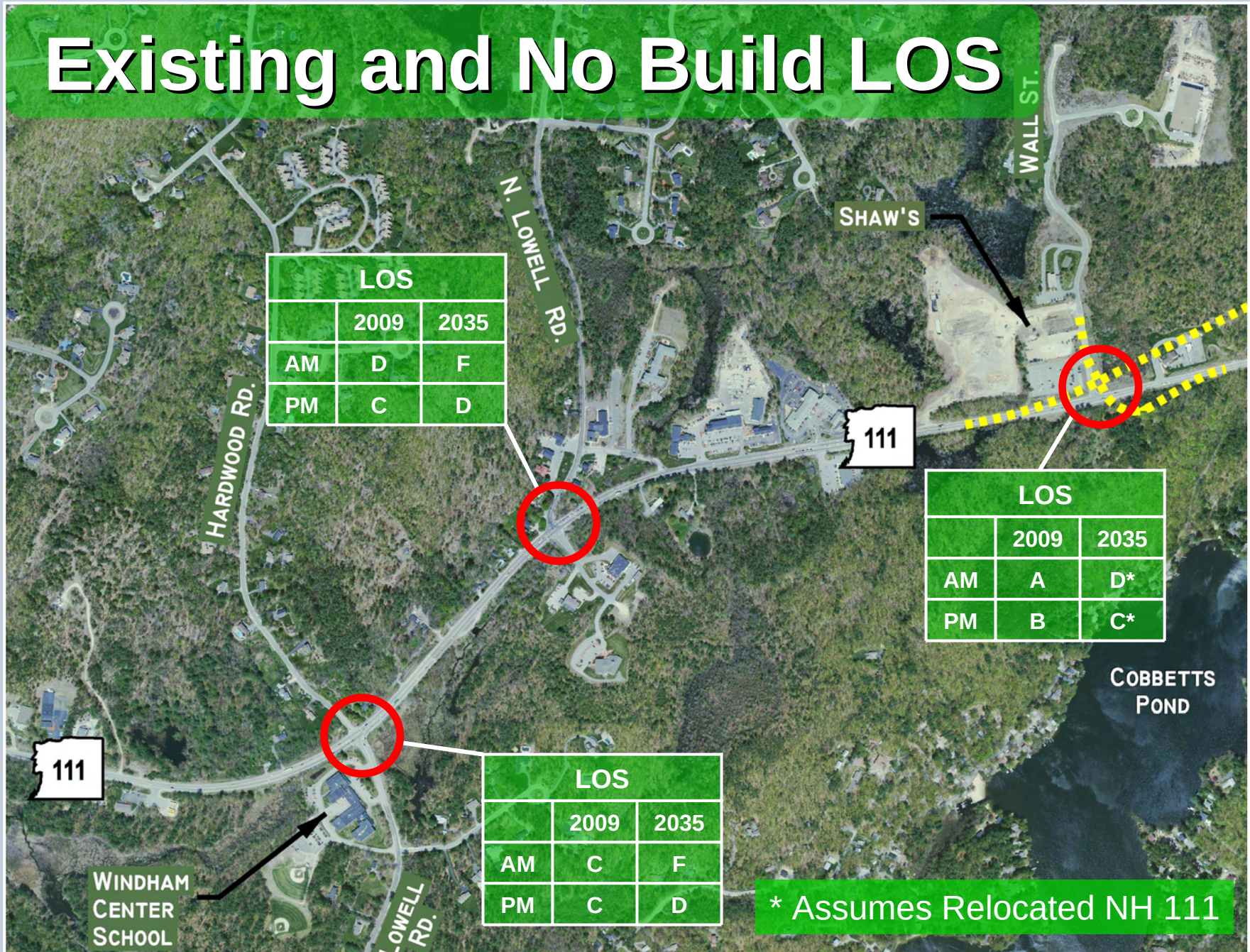




Level of Service (LOS) for Signalized Intersections

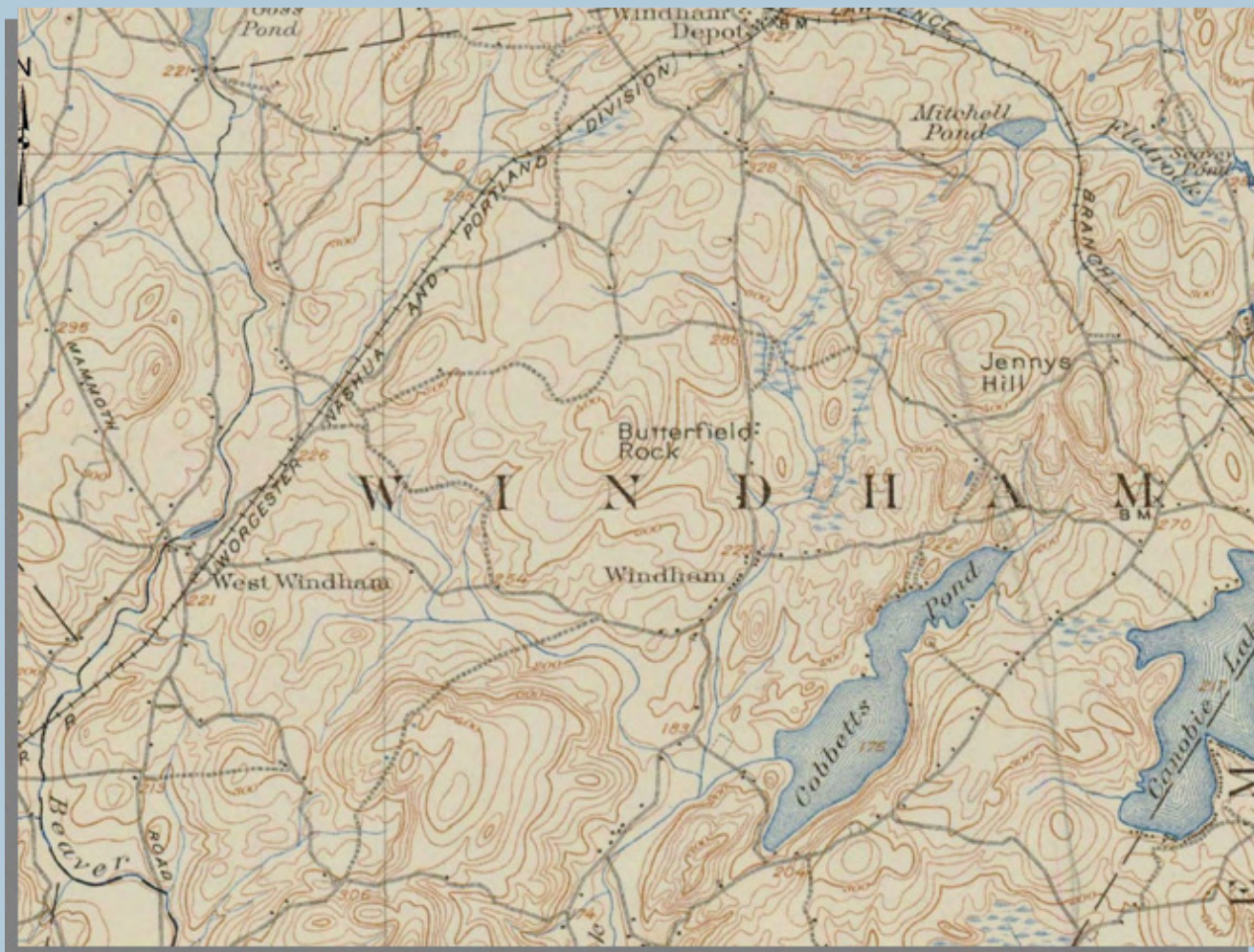
LOS	Average Delay (seconds)
A	≤ 10
B	10 – 20
C	20 – 35
D	35 – 55
E	55 – 80
F	≥ 80

Existing and No Build LOS

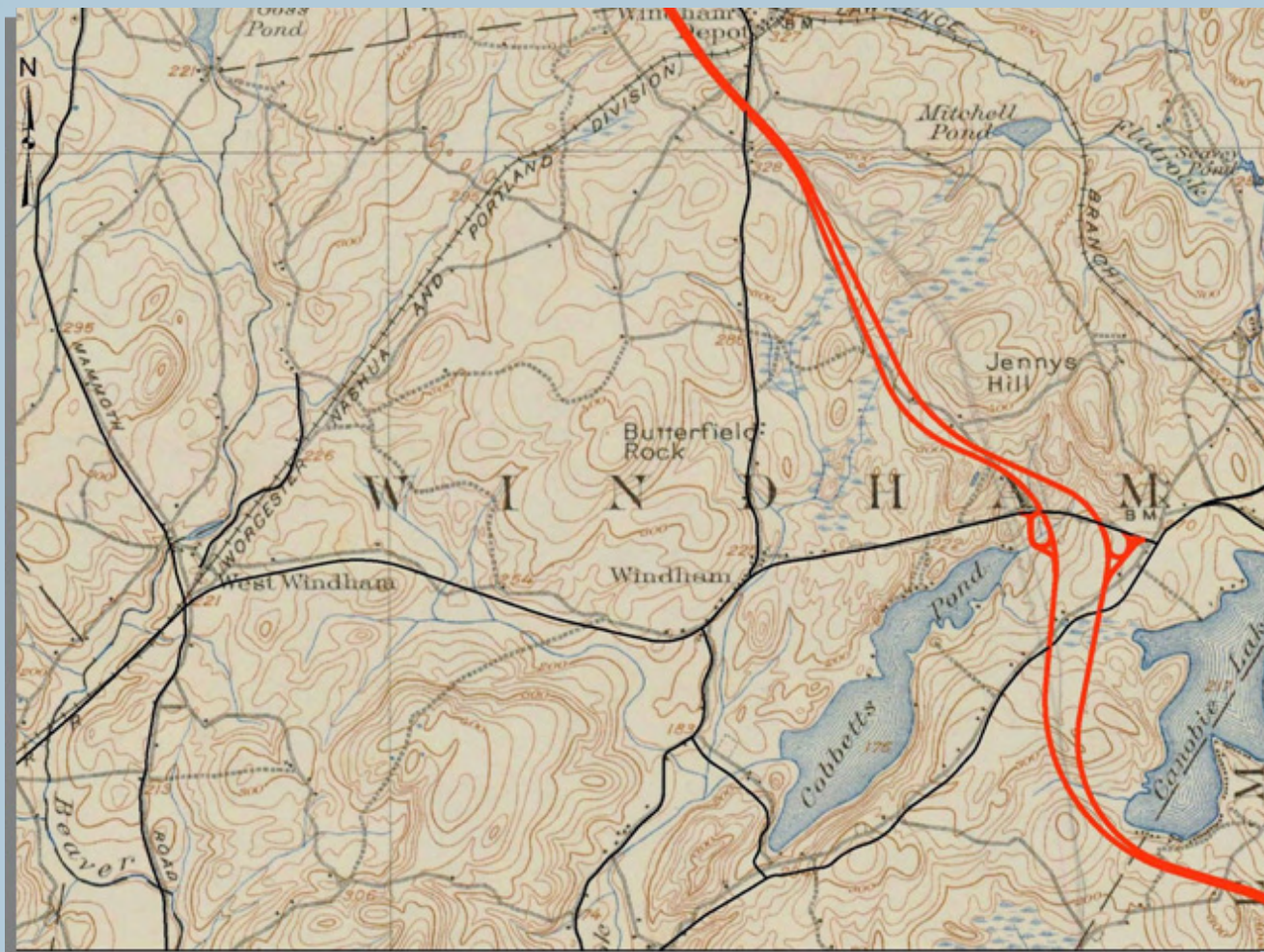




Resource Inventory

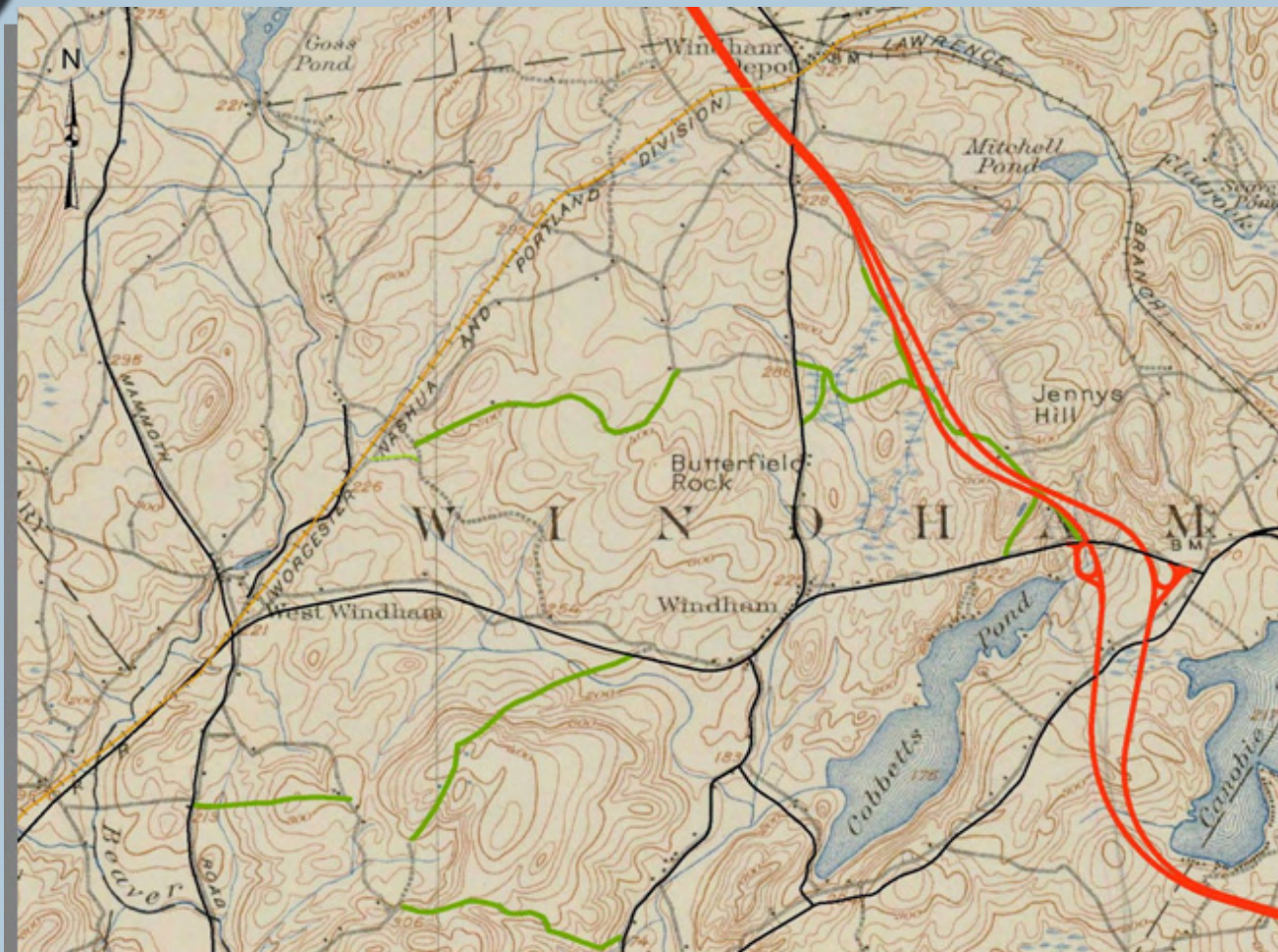


1905 USGS Topographical Map



1905 USGS Topographical Map

Current Major Roads



1905 USGS Topographical Map

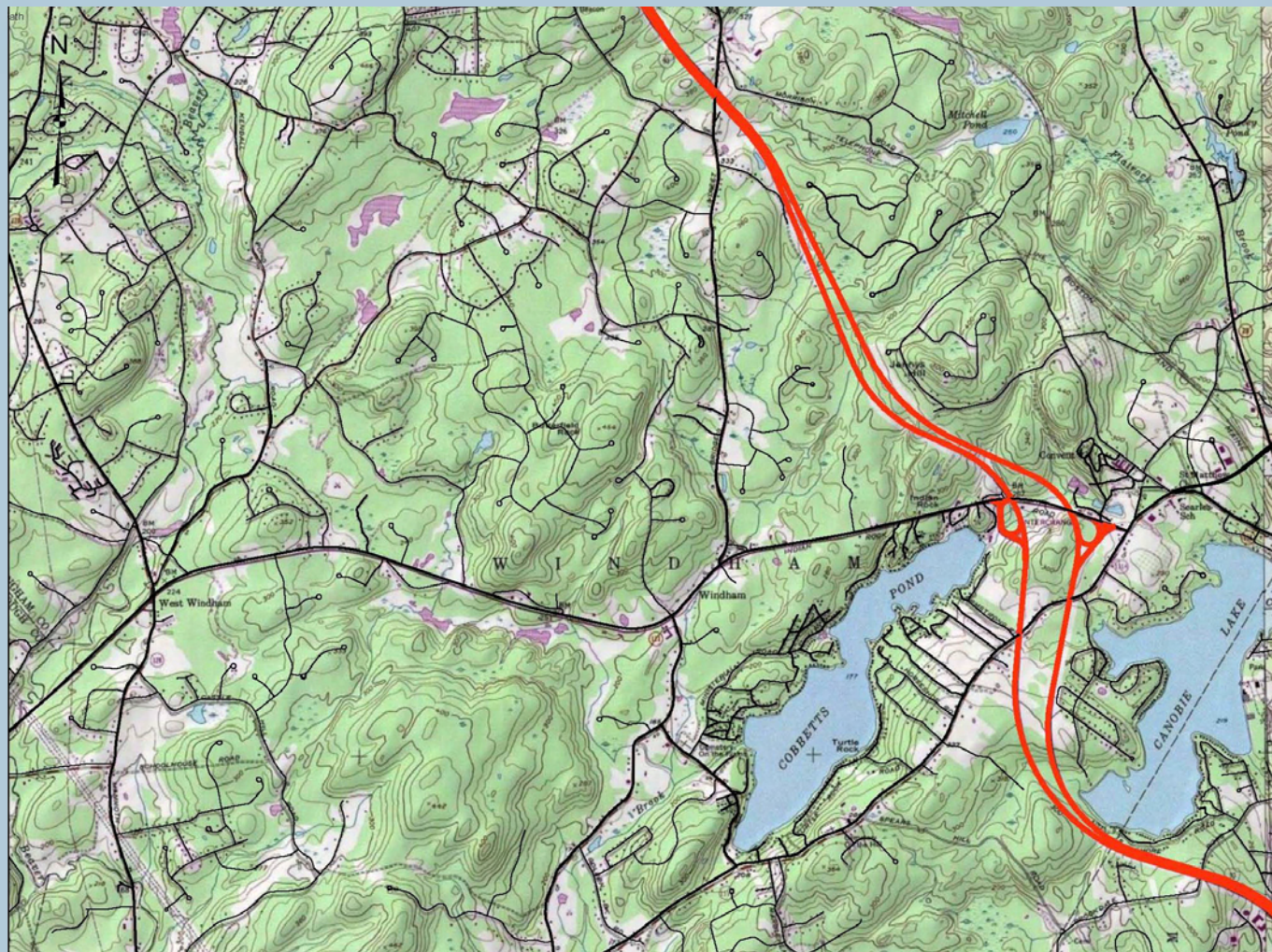
Abandoned Roads



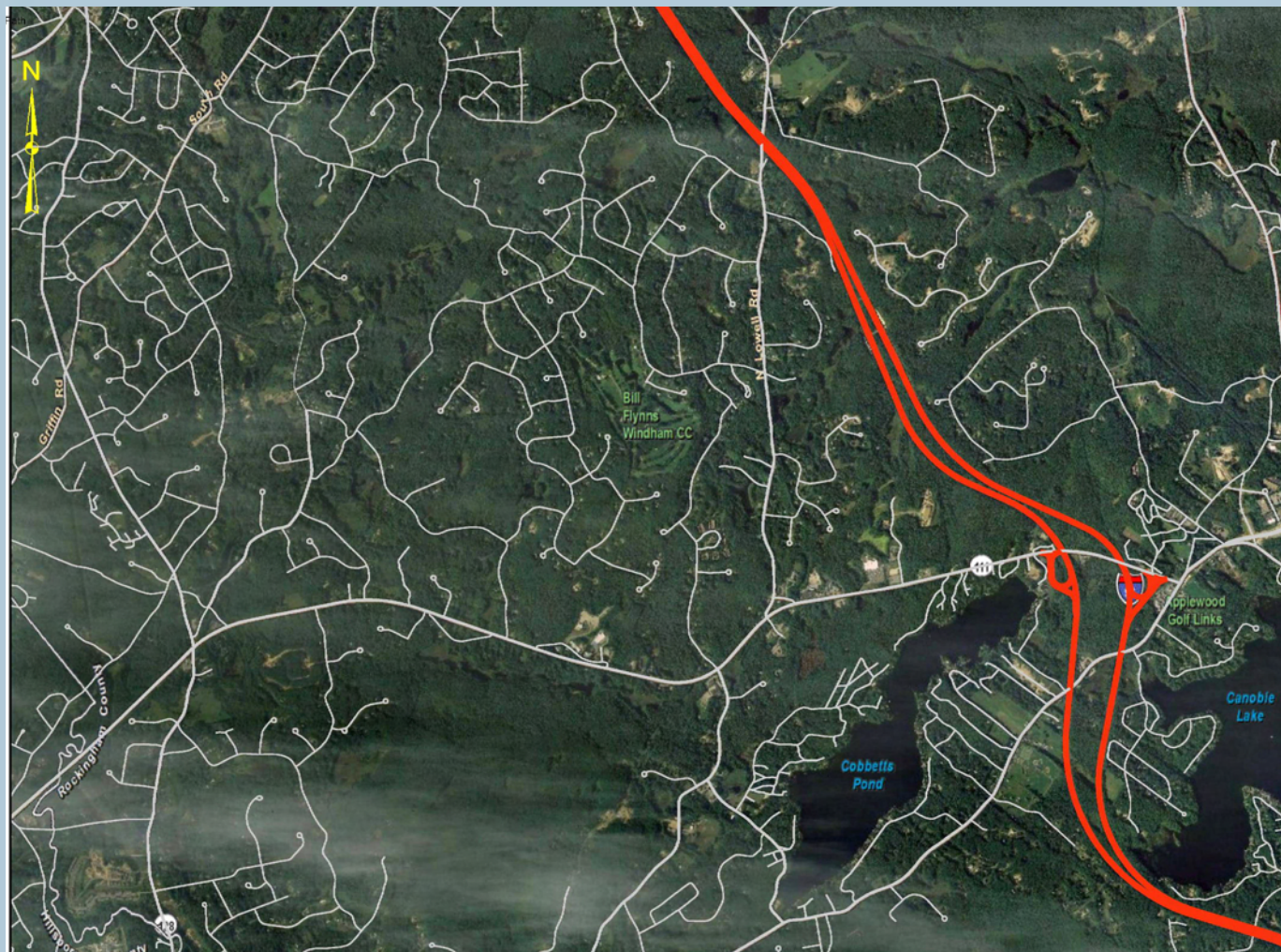
1953 USGS Topographical Map



1962 Aerial Photo



Current USGS Topographic Map and Existing Roads



2006 Aerial Photo



Natural Resources

Wetland habitat:

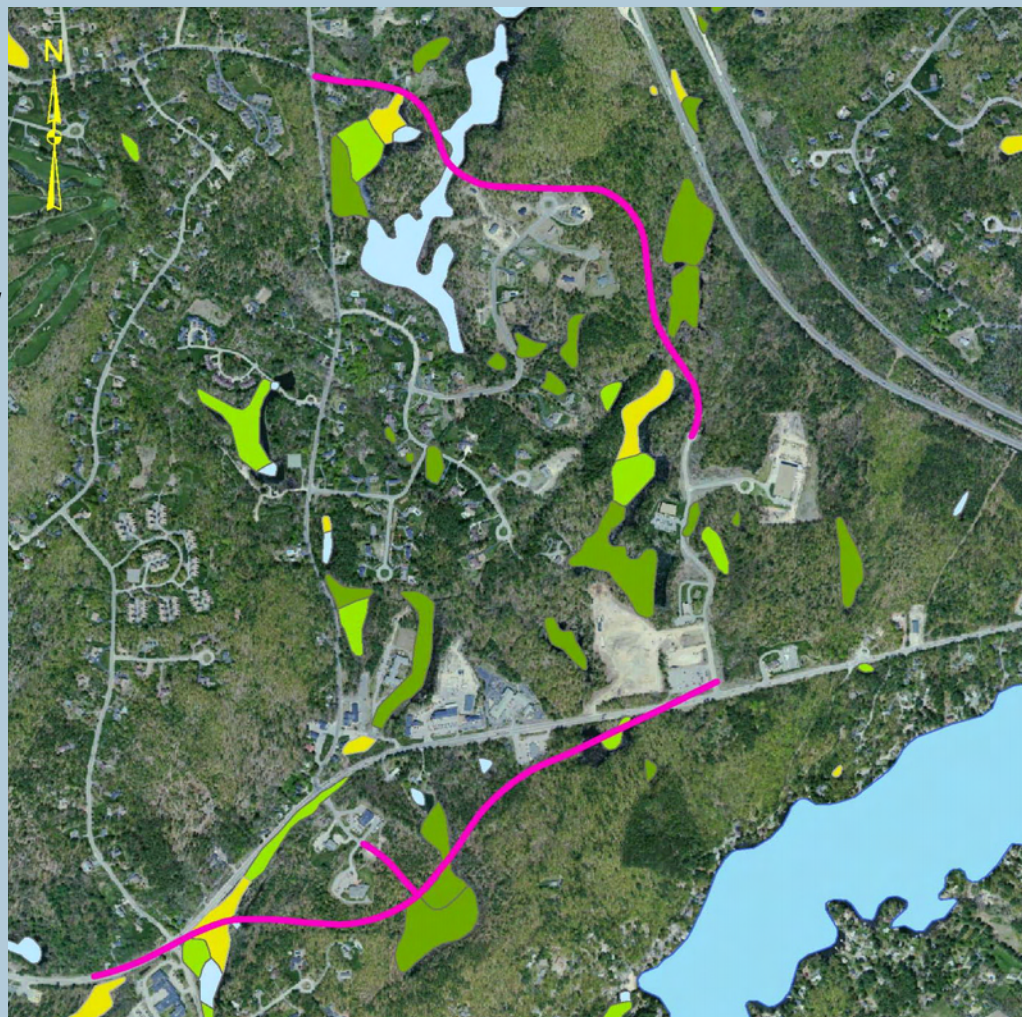
- scrub shrub wetlands
- vegetated marsh / beaver pond
- open marsh

Streams:

- ephemeral streams
- Golden Brook

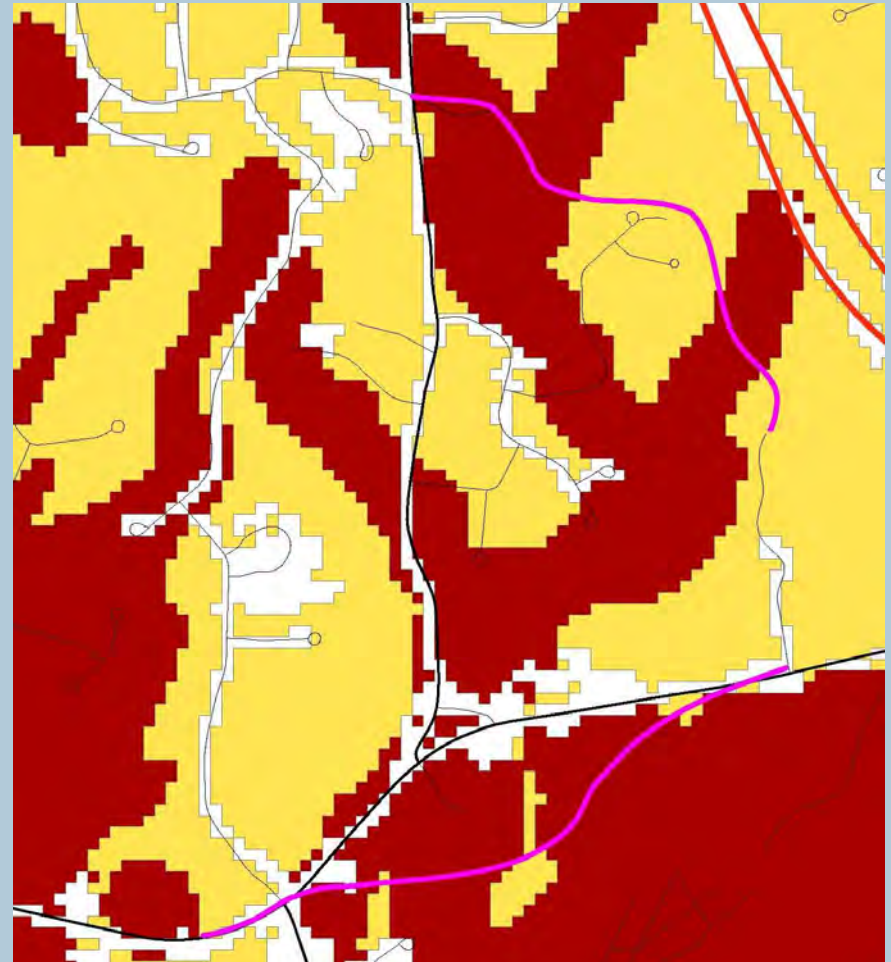
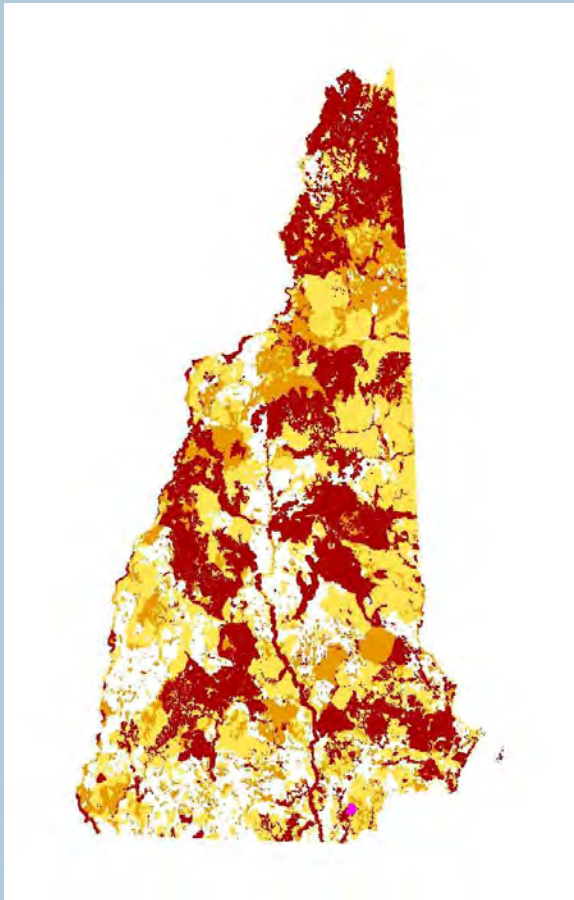
Upland habitat:

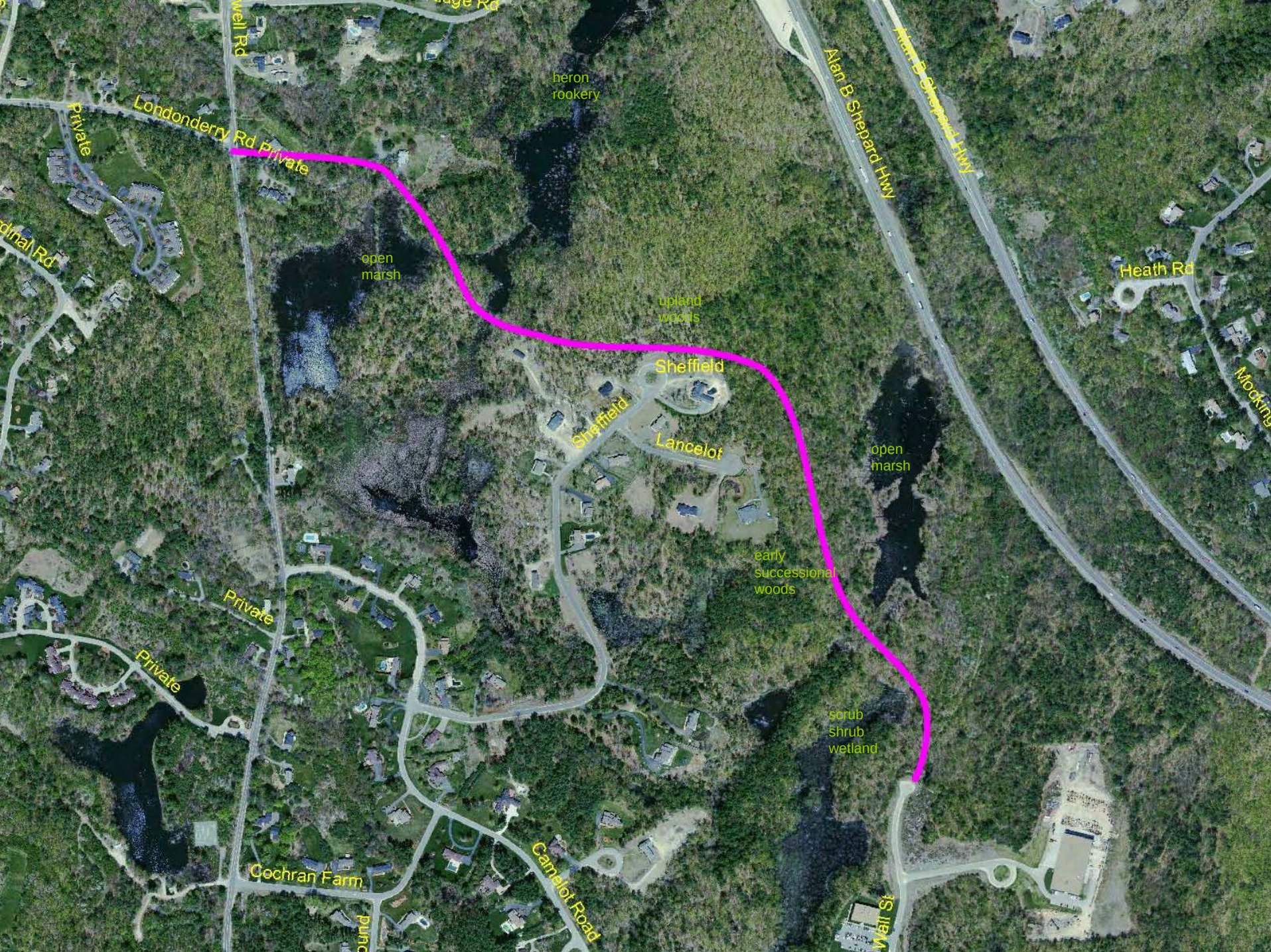
- early successional mixed hardwood & softwood
- mature pine and oak woods





New Hampshire Fish and Game “Wildlife Action Plan” tiers





heron
rookery

open
marsh

upland
woods

Sheffield

Sheffield

Lancelot

early
successional
woods

scrub
shrub
wetland

Wall St

Heath Rd

Mockingbird Rd

Alan B. Shepard Hwy

Alan B. Shepard Hwy

Londonderry Rd Private

Wall Rd

Private

Private

Cochran Farm

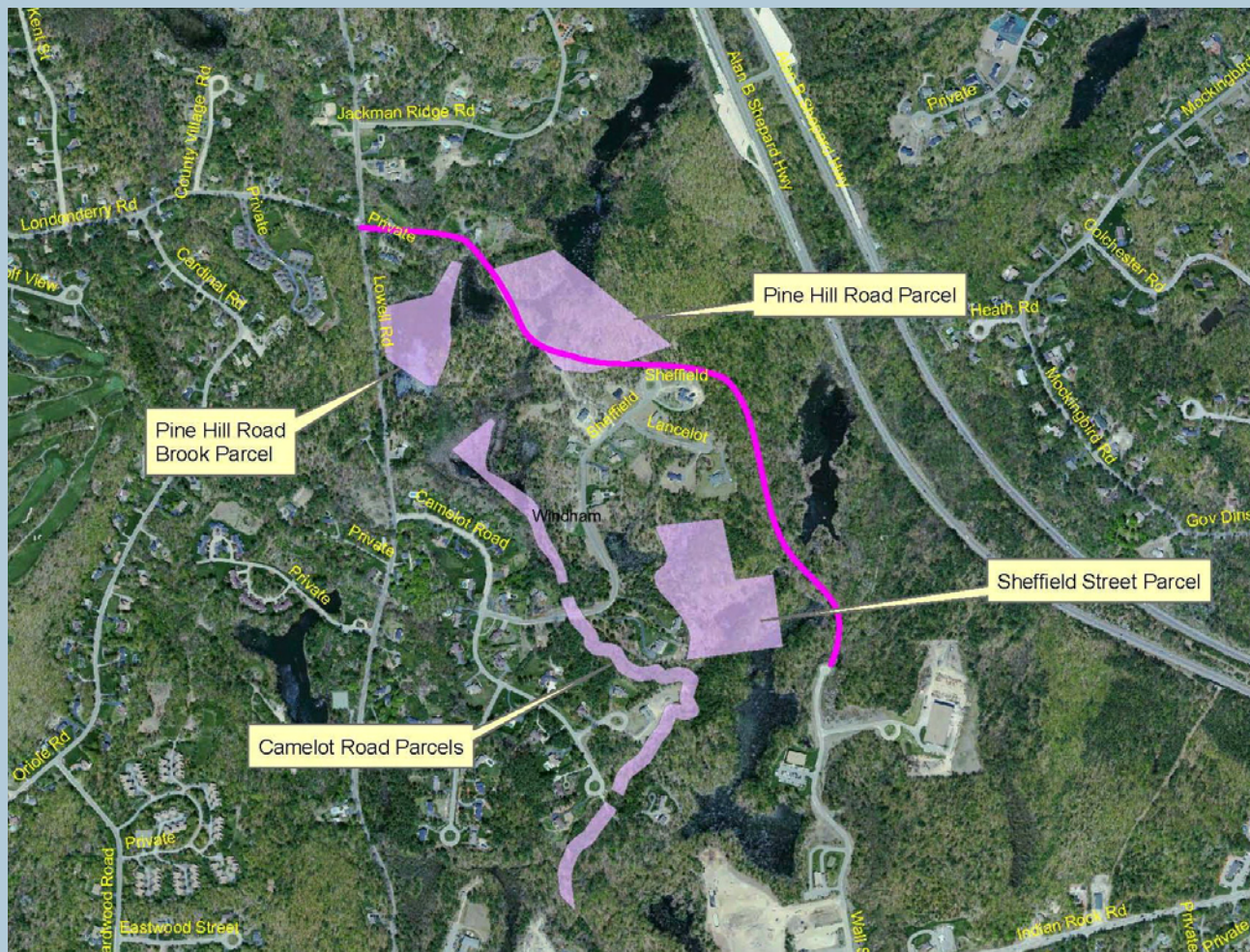
Camelot Road

Camelot Rd

Private



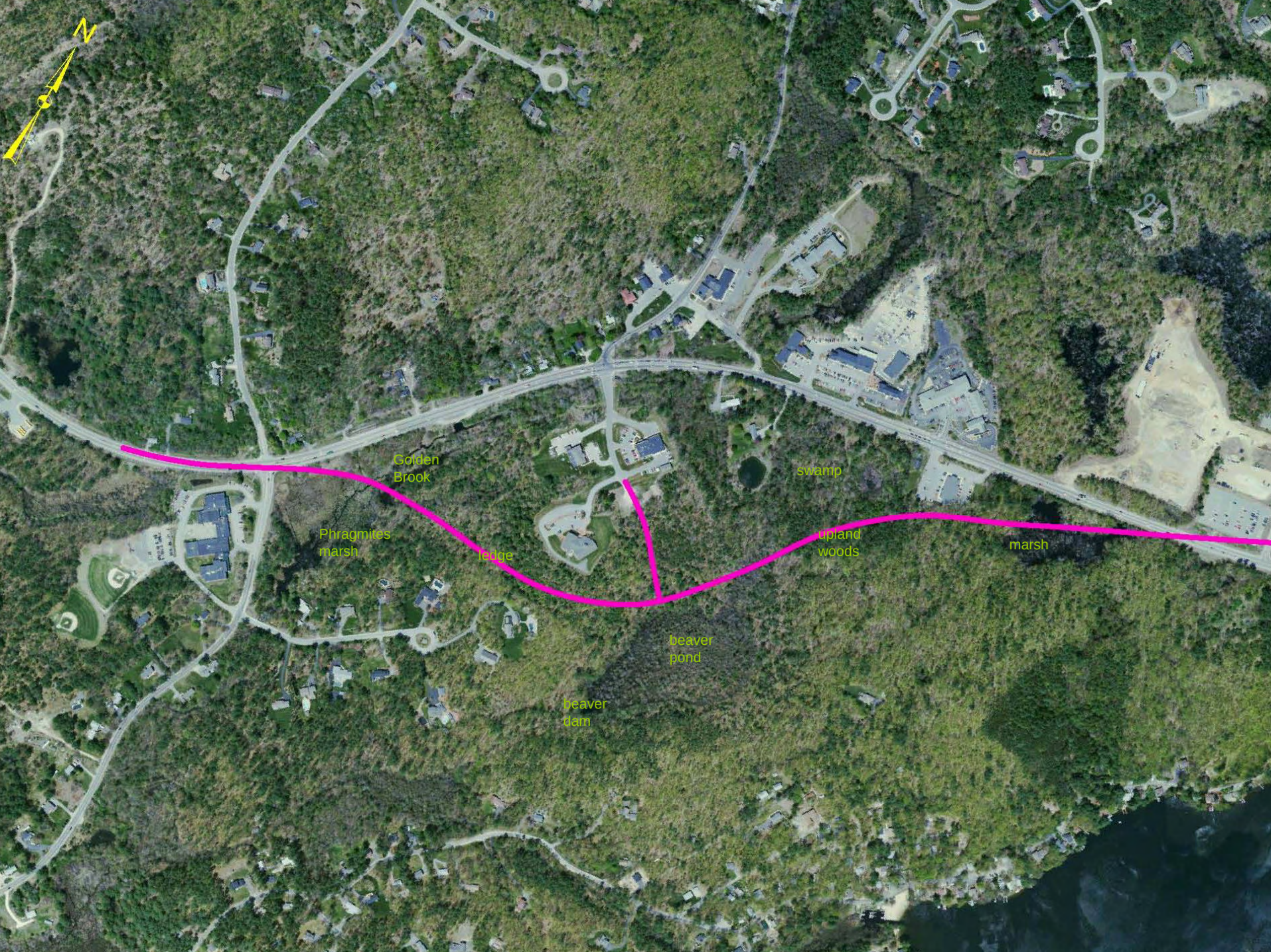
Conservation Land





- 100 year FEMA floodplains associated with Golden Brook





Golden
Brook

Phragmites
marsh

ledge

beaver
dam

beaver
pond

swamp

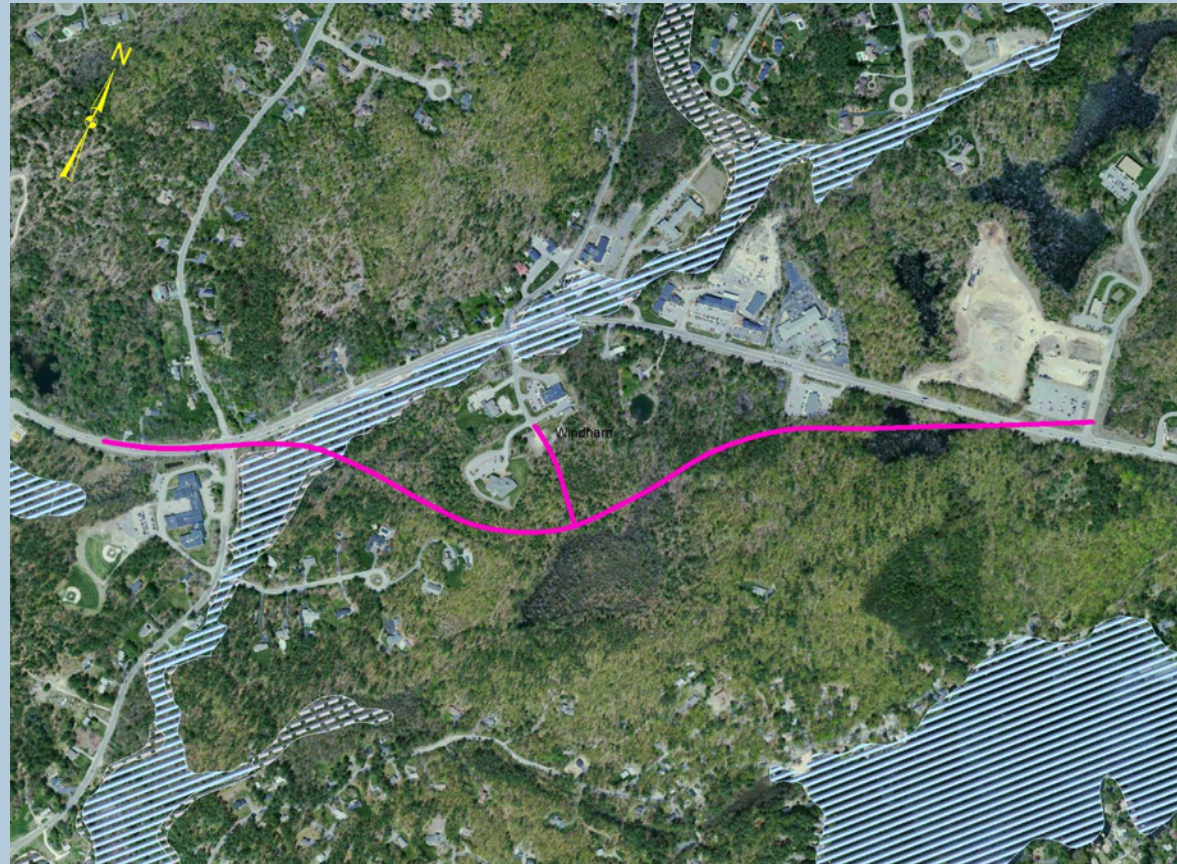
upland
woods

marsh



Floodplains

- 100 and 500 year FEMA floodplains associated with Golden Brook.





Questions / Comments