



NH Geographic Information System (GIS) Committee

Established under HB377



HB 377 NH GIS Committee

Authorized under RSA 4-F

The committee shall:

- **Review** – the use, development, and coordination of geospatial data & resources by state agencies and municipal governments.
- **Consider** – the need for central coordination, storage, and distribution of such data & resources, and suggest appropriate responses
- **Advise** – on GIS needs at public & semi-public agencies; identify avenues where legislation may further efficiencies through enhanced cooperation.



GIS Technical Advisory Committee

Gap Analysis

Outputs:

- Identify gaps in practice and organization between:
- Guiding principles (future state) and
 - Where the state is now (current state).

Outcomes:

- Inform the GIS Committee on policy recommendations to the legislature that:
- Define future horizon 3-5 years.
 - Identify level of effort and resources.
 - Develop plan/matrix (based on working group of 4-5 people)
 - Define actions that promote the benefits of supporting GIS collaboration.



Gap Analysis Working Group

- Catherine Callahan, NH DOIT/NH Fish and Game Department
- Glenn Davison, NH Department of Transportation
- Ken Gallager, NH Office of Energy and Planning
- Sean Goodwin, NH Department of Safety
- Hamilton McLean, NH Department of Environmental Services
- Fay Rubin, University of New Hampshire
- Tim Scott, NH Department of Safety
- Sara Siskavich, Nashua Regional Planning Commission



GIS Technical Advisory Committee

GAP Analysis Process

Documentation of Recent Strengths and Weaknesses, Opportunities and Challenges

Detailed Assessment of Progress since the GIS Strategic Plan (ca 2007)

Major strategic ideas were organized and analyzed into an Implementation Table, a matrix of

- ✓ **Strategic Goals**
- ✓ **Potential Actions (with explanatory examples)**
- ✓ **Major Benefits**
- ✓ **Implementation Details**
- ✓ **Alignment with Committee's Guiding Principles**

Overarching Recommendation: GIS Action Plan Needed

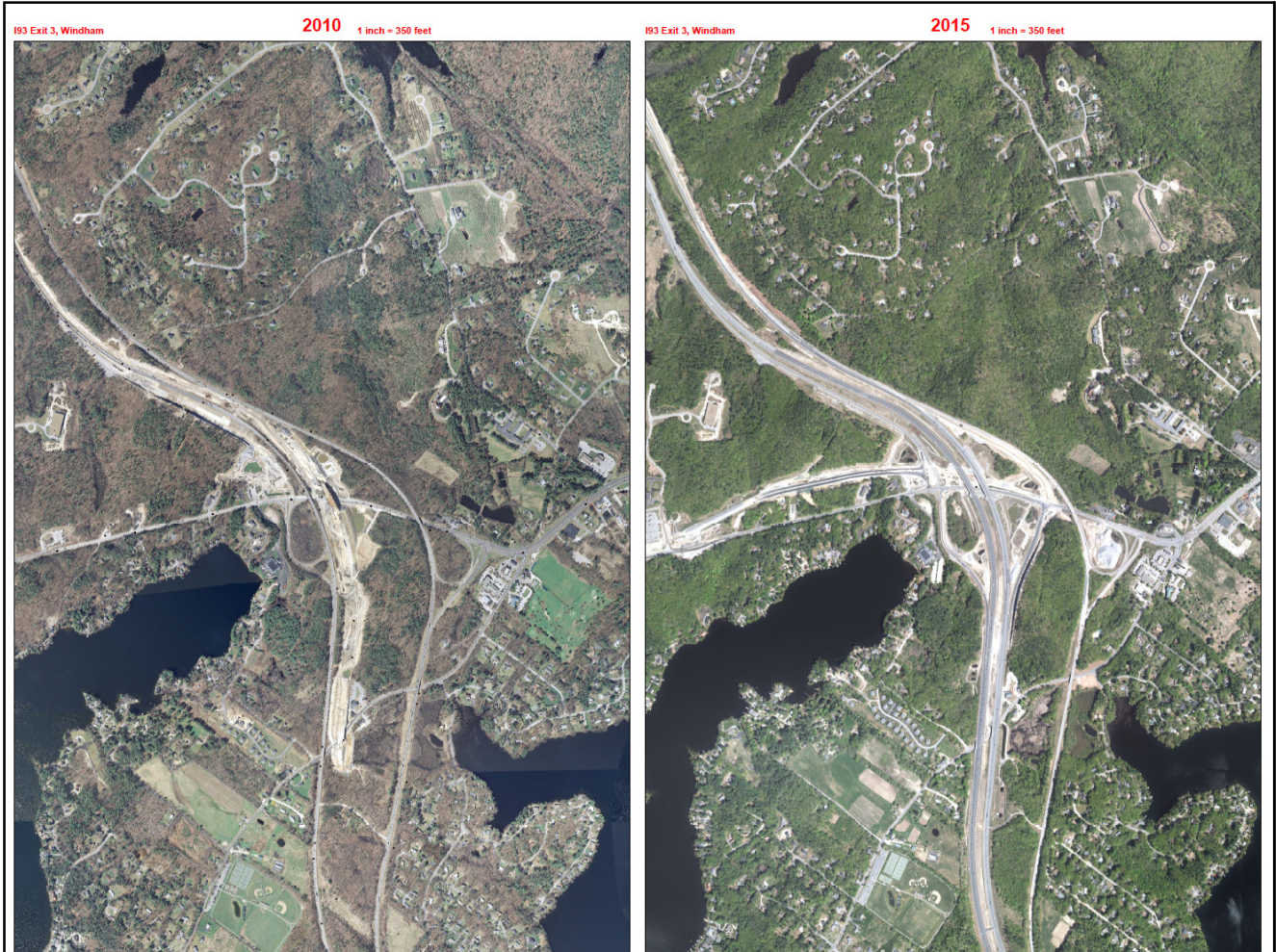


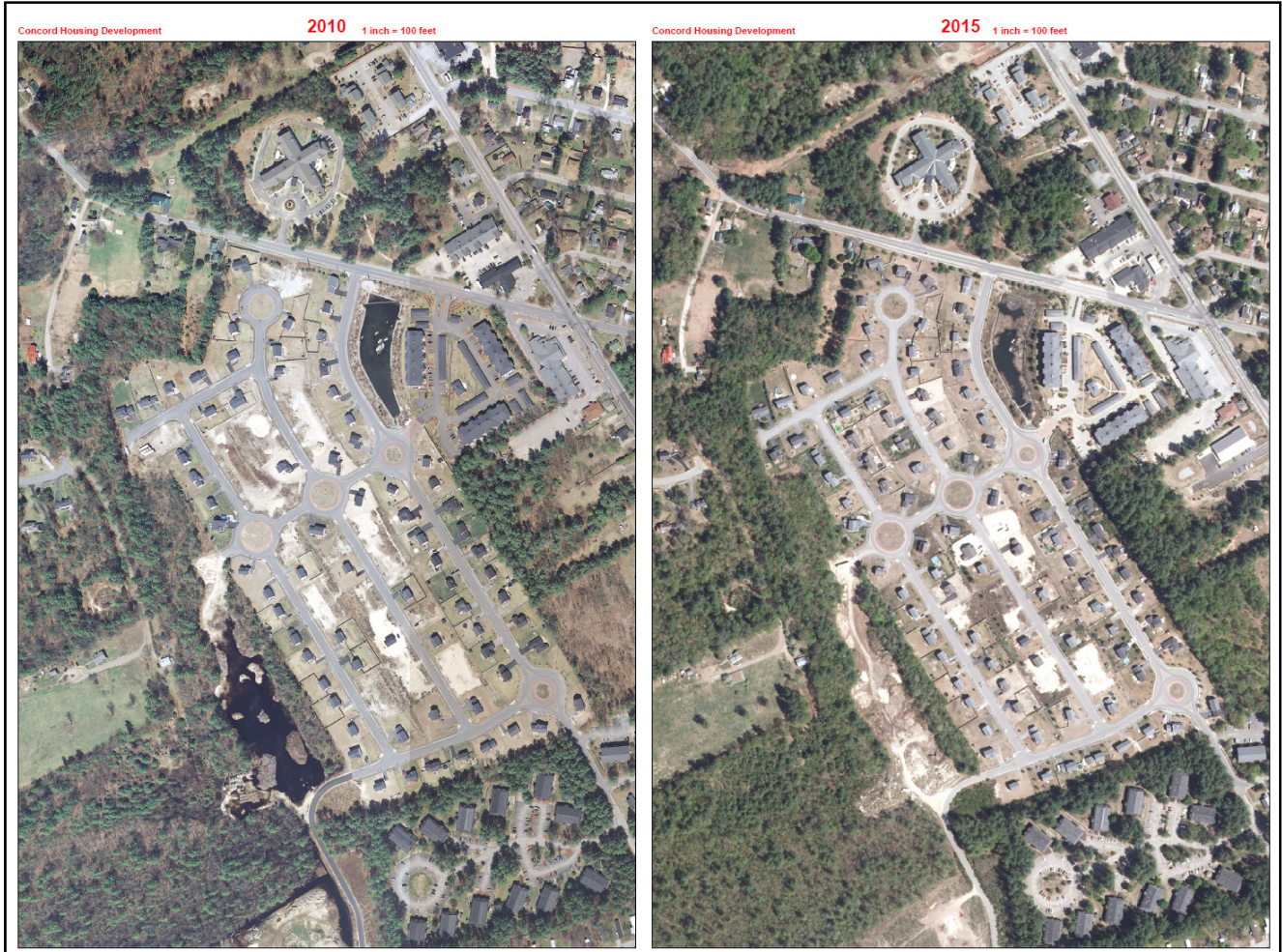
STRATEGY #1

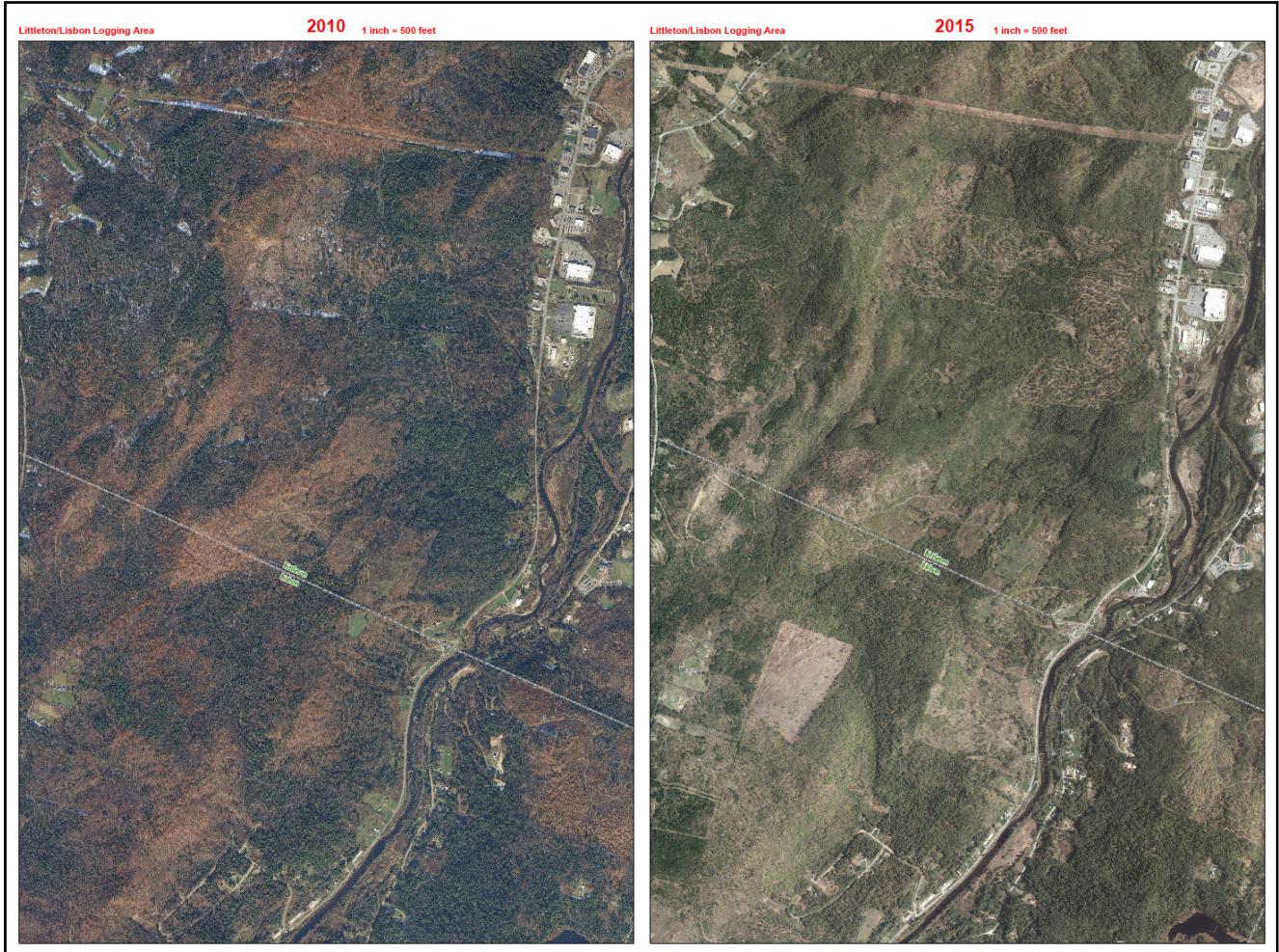
Develop and maintain NH statewide base map and derivative data products

Objectives –

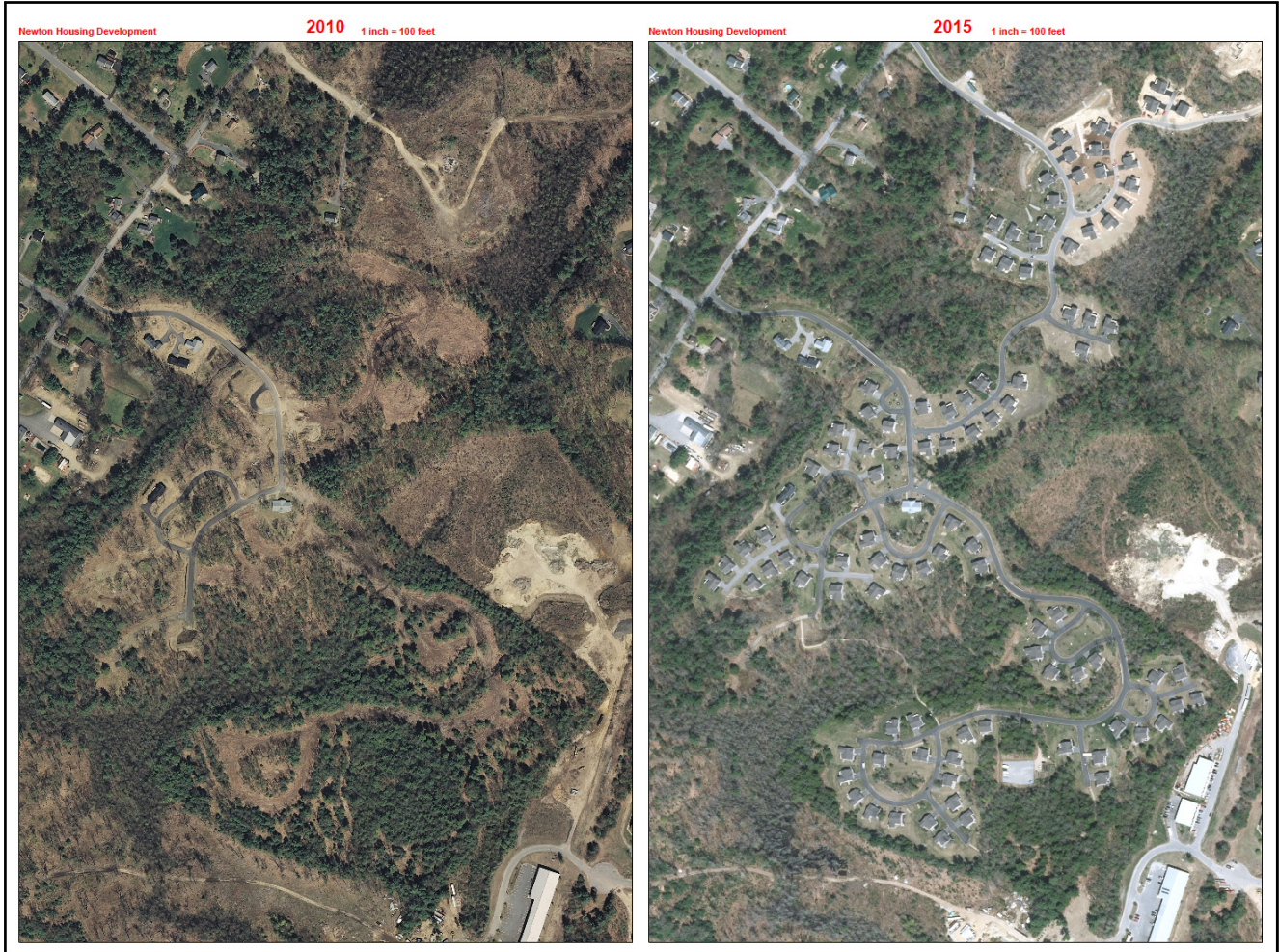
1. Develop a statewide data acquisition plan for updates to base map
2. Recommend a formalized protocol for data collection and aggregation
3. Implement a common way to locate geospatial features of interest



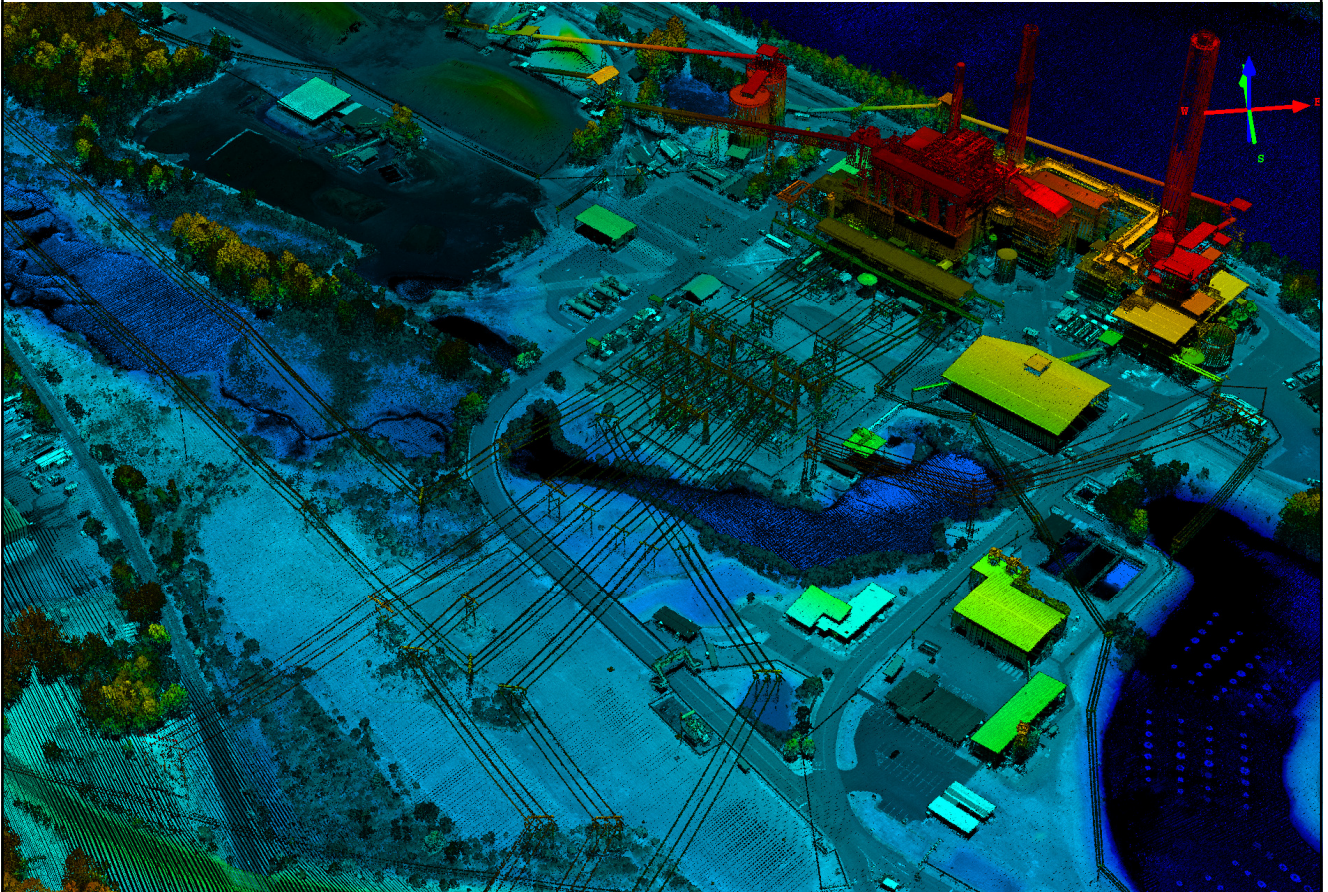




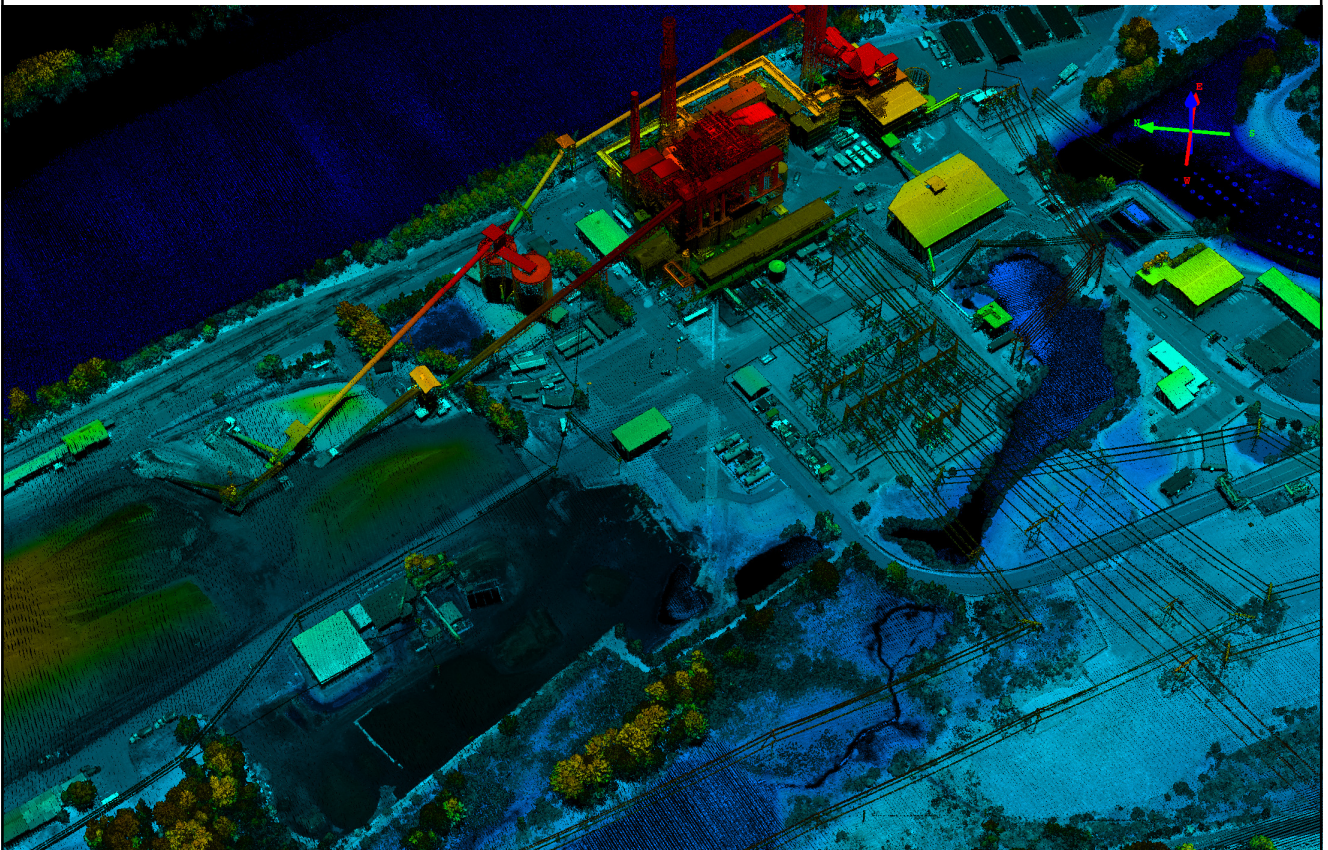




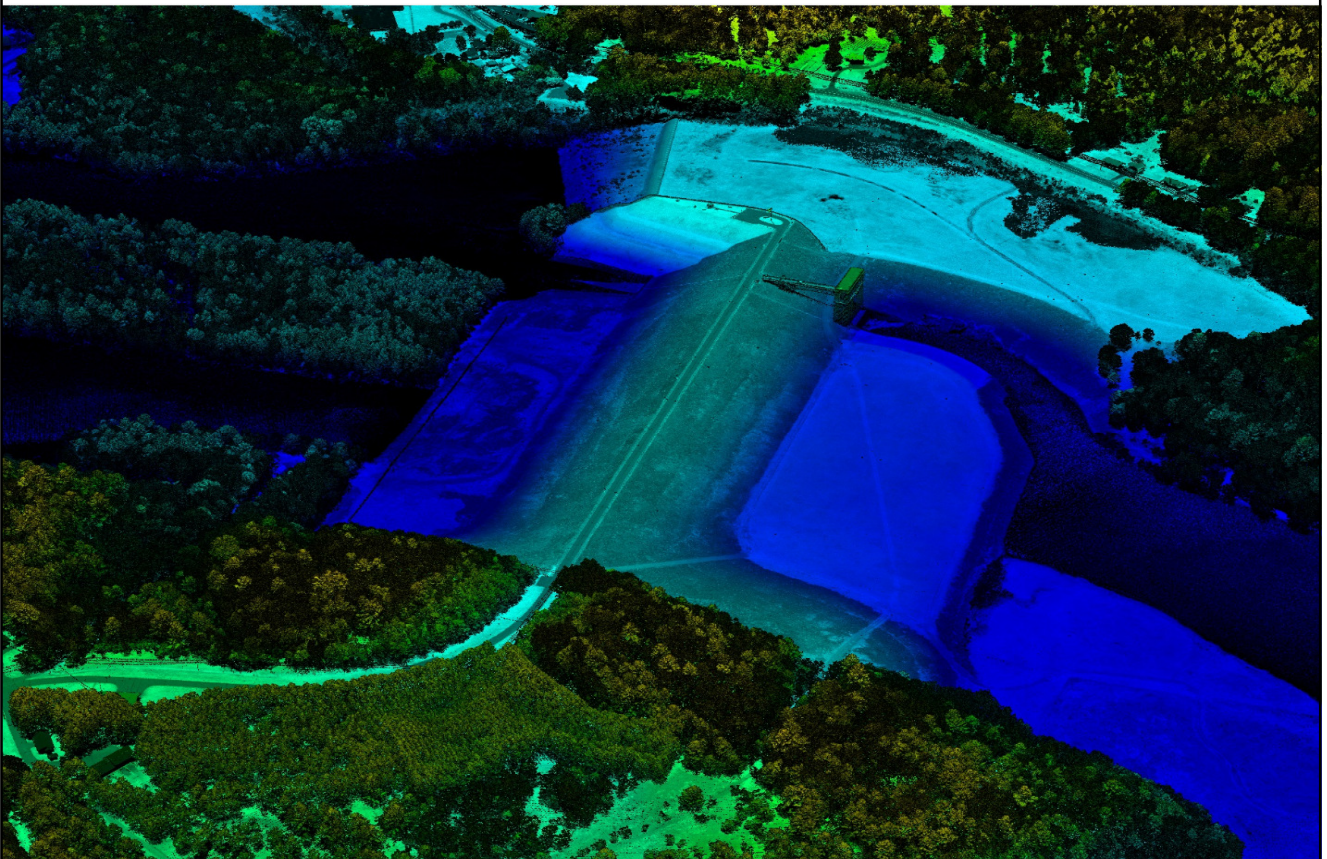
Hi Resolution Lidar-Bow Power Plant



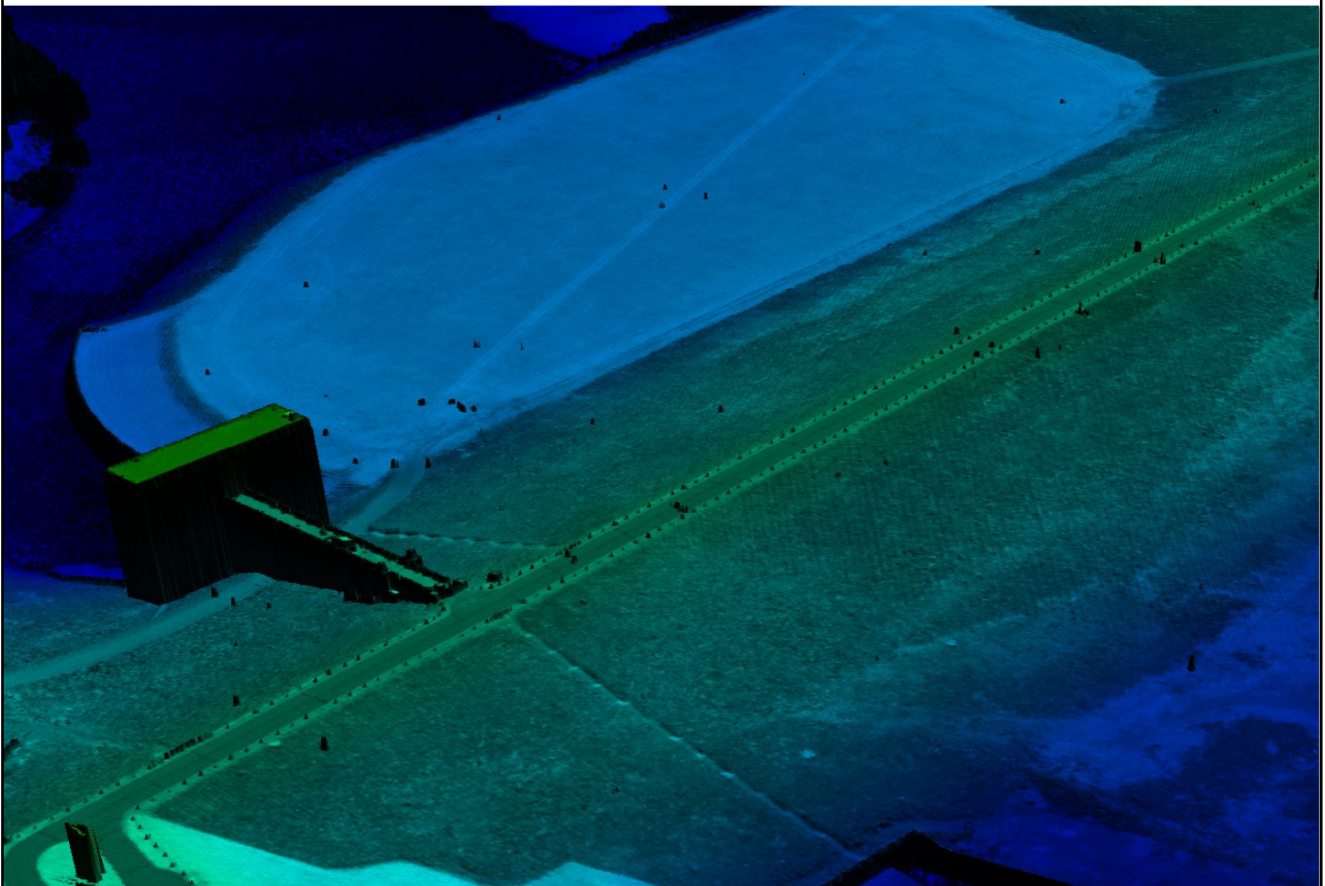
Bow Power Plant



Franklin Falls Dam



Franklin Falls Dam





STRATEGY #2

Elevate GRANIT to the official NH State GIS Clearinghouse

Objectives –

1. Promote common awareness of & accessibility to enterprise GIS data sets
2. Research & promote task & cost-appropriate analytical tools
3. Provide common GIS presentation tools & platform
4. Increase outreach to state, regional, local governments & private stakeholders



STRATEGY #3

Ensure that access to GIS technology is equitable and affordable to all state agencies

Objectives –

1. Develop best practice guidelines for data collection, storage, & management
2. Identify software & managerial solutions
3. Consider existing industry standards and apply when possible



STRATEGY #4

Enhance statewide GIS governance and policies to guide best practices

Objectives –

1. Renew GTAC charge and outreach plan
2. Elucidate uniform legal guidance with respect to GIS and NH public records law



Summary of Recommendations: Two-Year GIS Action Plan

Outputs

1. A sequence of steps or activities that must be taken for each objective to support respective strategy.
2. Three major components:
 - Specific tasks & by whom
 - Time horizon
 - Capital & human resources needed

Required outcomes

1. GIS Committee review, amend & adopt
2. Identify available resources to implement
3. Report to Legislature

Resource requirements

1. Assigned point of contact for overall coordination
2. GTAC working group or outside resources
3. Availability of agency staff resources or funding of outside resources



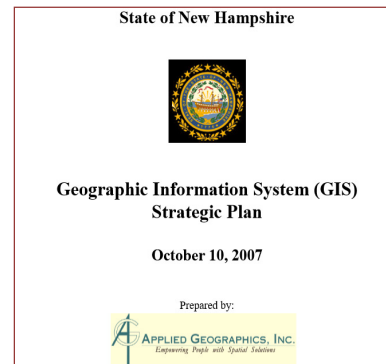
Questions ?

NH GIS Strategic Plan (2007)

<https://www.nh.gov/oep/planning/services/gis/documents/strategic-plan.pdf>

GIS Technical Advisory Committee
Gap Analysis

<https://www.nh.gov/doit/gis-committee/index.htm>



GRANIT

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