GIS Project Status – Orthoimagery Needs Assessment
November 2018

Objectives

- Collect information from NH GIS stakeholders on needs for statewide orthoimagery - through input sessions and online survey
- Utilize information collected to develop image acquisition specifications, identify potential vendors, and develop a funding allocation model

Benefits

- Provides guidance and strategy for the regular acquisition of statewide imagery
- Increases utilization of spatial data assets
- Improves information-sharing, coordination, and collaboration among the state's GIS stakeholders

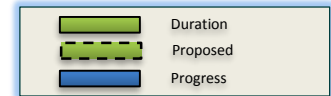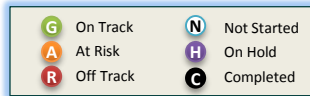## Cost

- DoIT capital budget funds in the amount of $29,448 awarded to GRANIT, Earth Systems Research Center, UNH, to coordinate assessment. Funds provided through state/UNH cooperative agreement that specifies invoicing based on costs incurred
- Time of GIS TAC Task Force members' participation not charged to this project. Estimated 125 hours, based on 5 people @ 25 hrs/person
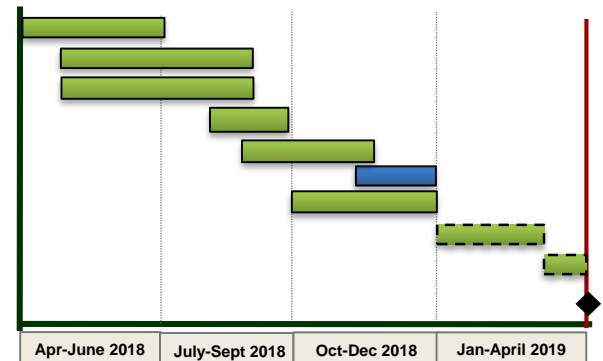
Stakeholders

Sponsor Organizations: DoIT
Project Sponsor: Denis Goulet
Project Manager: Fay Rubin
Participants: GIS Technical Advisory Committee Task Force, GIS Technical Advisory Committee, GIS practitioners

Accomplishments

- Began drafting 2 of the 3 remaining sections of final document – recommendations and funding model options.
- Initiated research into imagery options.

Commentary

- GTAC working group has developed consensus around both acquisition recommendations (based on user surveys/input sessions) and possible funding model(s). Currently in process of documenting those recommendations.
- Project is ahead of schedule as initially proposed.

Project Status:

Issues/Risks

- No issues or risks were identified over the past month that affect the project objectives, schedule, or budget

Changes

- No changes to objectives, schedule, or any other aspects have impacted the project over the past month

Timeline

G On Track	N Not Started
A At Risk	H On Hold
R Off Track	C Completed

Legend: Duration, Proposed, Progress

Project Milestone	Month/Yr	Status
1. Develop Project Plan & Schedule		C
2. Develop & Host User Needs Input Sessions	Aug 18	C
3. Finalize and Distribute Online Survey	July 18	C
4. Compile Results from Survey/Input Sessions	Sep 18	C
5. Develop Final Imagery Specifications	Oct 18	C
6. Research Imagery Vendor Options	Dec 18	G
7. Develop Funding Allocation Model	Feb 19	G
8. Finalize Plan	Mar 19	G
9. Project Closeout	Apr 19	N

| Apr-June 2018 | July-Sept 2018 | Oct-Dec 2018 | Jan-April 2019 |

GIS Project Status – Agency Map Viewers Pilot Project
November 2018

Objectives

- Survey state agencies to establish needs/skills with respect to geospatial data management and publishing
- Test collaborative web-mapping application model by developing governance structure and infrastructure
- Develop/deploy agency mapping site(s) that provide public access to NHDOT & NHDES enterprise data sets

Benefits

- Reduces redundancy and enhances effectiveness among agencies deploying web mapping applications
- Increases utilization of spatial data assets
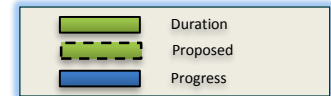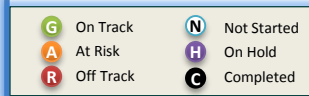- Improves information-sharing, coordination, and collaboration among the state's GIS stakeholders

Cost

- DoIT capital budget funds in the amount of $201,871 awarded to GRANIT, Earth Systems Research Center, UNH, to coordinate assessment. Funds provided through state/UNH cooperative agreement that specifies invoicing based on costs incurred
- Time of GIS TAC Task Force members and agency staff participation not charged to this project. Estimate to be provided after initial project meeting.
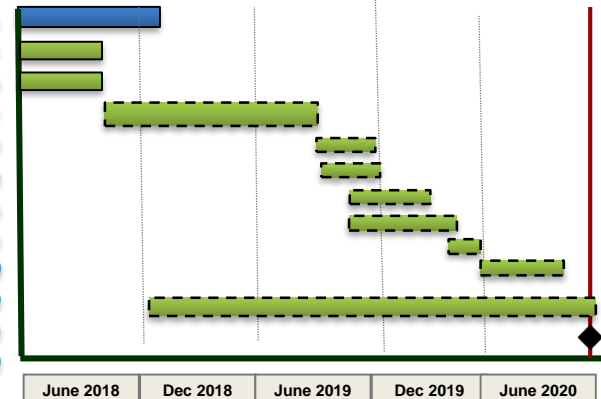
Stakeholders

Sponsor Organizations:	DoIT
Project Sponsor:	Denis Goulet
Project Manager:	Fay Rubin
Participants:	GIS Technical Advisory Committee Task Force, GIS Technical Advisory Committee, NHDOT staff, NHDES staff

Accomplishments

- UNH – facilitated monthly project meeting and prepared minutes; continued provision of support to NHDES and NHDOT, including addressing server access issues and providing assistance with Geocortex workflow
- NHDES – completed training for Geocortex Workflow 5; tested pilot viewer on mobile and desktop devices; initiated external pilot viewer testing; modified viewer layout based on feedback from testing
- NHDOT – continued internal discussions on identification of pilot application(s)
- All – began defining a web GIS governance framework

Commentary

- N/A

Project Status:

Issues/Risks

- No issues or risks were identified over the past month that affect the project objectives, schedule, or budget

Changes

- No changes to objectives, schedule, or any other aspects have impacted the project over the past month

Timeline

- **G** On Track
- **A** At Risk
- **R** Off Track
- **N** Not Started
- **H** On Hold
- **C** Completed

Duration | Proposed | Progress

	Project Milestone	Month/Yr	
1.	Develop project plan & schedule	July 18	G
2.	Identify initial agency applications	Oct 18	G
3.	Identify structure/content of guidance docs	Dec 18	N
4.	Initial Geocortex applications built	Mar 19	G
5.	Complete initial testing of applications	June 19	N
6.	Complete help documents/videos	June 19	N
7.	Solicit/implement feedback on apps	Sept 19	N
8.	Release Geocortex agency viewers	Nov 19	N
9.	Identify/scope second applications	Dec 19	N
10.	Develop/launch second applications	May 20	N
11.	Produce final guidance documents	June 20	N
12.	Project closeout	June 20	N

June 2018	Dec 2018	June 2019	Dec 2019	June 2020

GIS Project Status – Field Data Collection Project
November 2018

Objectives

- Survey state natural resource agencies to establish needs/skills for field data collection on state lands
- Test collaborative web-mapping application model to improve existing field data collection workflows.
- Develop/deploy ArcGIS Online content and mobile apps compatible with new versions of AGOL and Collector

Benefits

- Introduces field data collection component to the Agency Map Viewers Pilot Project
- Demonstrates transferability of NH SADES model to natural resource agencies
- Improves information-sharing, coordination, and collaboration among the state's GIS stakeholders

Cost

- DoIT capital budget funds in the amount of $14,000 awarded Environmental Systems Research Institute (Esri) for professional services Web GIS Launch Kit, through NH master purchasing agreement.
- Time of agency staff participation not charged to this project. NH Fish and Game Dept., NH Dept. of Natural and Cultural Resources – Div. of Forests and Lands.

Stakeholders

Sponsor Organizations:	DoIT
Project Sponsor:	Denis Goulet
Project Manager:	Katie Callahan, NHFG
Participants:	staff from NHFG, NH DNCR-DFL and NHB, NH OSI-CLSP, and GIS Technical Advisory Committee

Accomplishments

- Recruited project team members (NHFG, DFL, NHB)
- Kick-off conference call with Esri Professional Services Nov. 19, 2018.
- Provided Esri with Admin access to AGOL account
- Generalized project calendar developed

Commentary

- Currently gathering existing data collection forms and reviewing existing field methods.
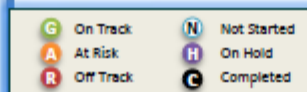- Working group to review at next meeting, by Jan. 2019
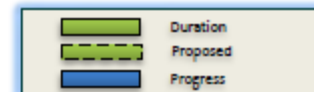
Project Status:

On Track

Issues/Risks

- No issues or risks were identified over the past month that affect the project objectives, schedule, or budget

Changes

- No changes to objectives, schedule, or any other aspects have impacted the project over the past month

Timeline

Legend:
- G On Track
- A At Risk
- R Off Track
- N Not Started
- H On Hold
- C Completed

- Duration
- Proposed
- Progress

Project Milestone	Month/Yr	
1. Develop Project Plan & Schedule	Oct 2018	G
2. Initial kick-off with Esri reps, agency staff	Nov 2018	G
3. Gather existing data collection forms	Dec 2018	G
4. Working group review existing workflows	Jan 2019	G
5. Identify data template (features/attributes)	Feb 2019	N
6. Esri Professional Services Launch Kit	Mar 2019	N
7. Field test initial applications	Apr 2019	N
8. Finalize web content and field data apps	May 2019	N
9. Produce final guidance documents	June 2019	N
10 Project Closeout	June 2019	

Nov. 2018	Jan. 2019	Apr. 2019	June, 2019