



Cultural Resources Open Planning Studio

April 30, 2015



Regulatory Framework

- **Federal laws**

- National Historic Preservation Act (Section 106)
- National Environmental Policy Act (NEPA)

- **State laws**

- Connecticut Environmental Policy Act (CEPA)

- **Local historic commissions**

- Historic Properties Commission (City-designated resources)
- Historic Preservation Commission (State/National Register of Historic Places (S/NRHP)-listed resources)



What are Cultural Resources?

- Cultural resources are historic properties (above and below ground)
- Properties in the National Register of Historic Places (NRHP):
 - Prehistoric or historic district
 - Site
 - Building
 - Structure
 - Object
- Artifacts, records, material remains
- Properties of religious and cultural importance to Native American Tribes



National Register Criteria of Historic Significance

Listed or eligible NRHP properties must be >50 years old, and possess integrity and historic significance in one or more of the following ways:

- A. Events
- B. People
- C. Design/construction
- D. Archaeological information



Types of Cultural Resources

- **National Historic Landmarks**

- Connecticut Statehouse
- Connecticut State Capitol
- Mark Twain House



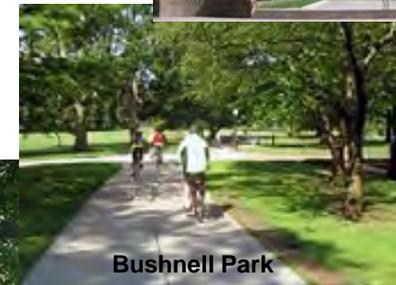
- **National/State Register-Listed Resources**

- Frog Hollow Historic District
- Wadsworth Athenaeum
- Bushnell Park



- **National/State Register-Eligible Resources**

- Aetna Life Insurance Company
- Hartford Insurance Company

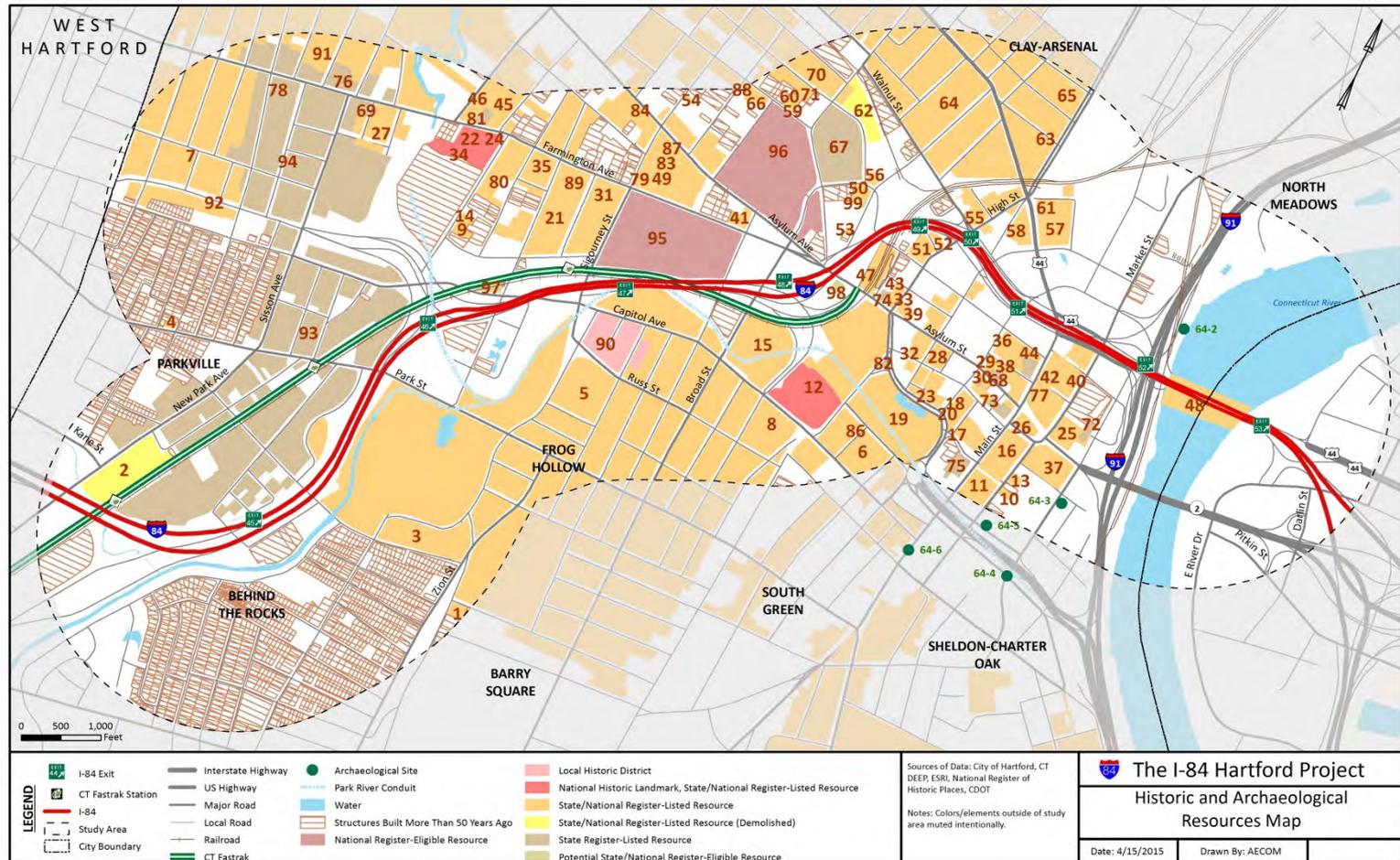


- **Local Historic Districts**

- George Keller Historic District



Cultural Resources Data Gathered to Date



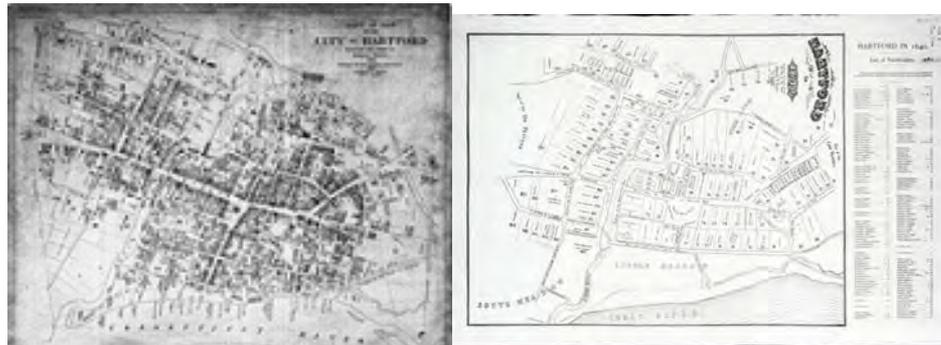
Architectural Resources Reconnaissance Survey

- Identify previously designated cultural resources
- Conduct reconnaissance-level survey within construction limits of build alternatives to identify significance of cultural resources
- Assess direct impacts of build alternatives on significant cultural resources to facilitate selection of preferred alternative



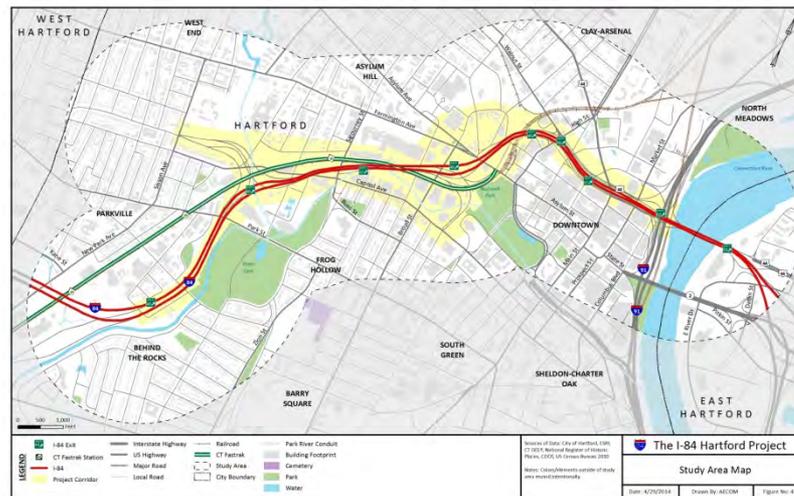
Phase 1A Archaeological Assessment Survey

- Conduct background literature and cartographic research
- Document past land use history
- Evaluate extent of prior ground disturbance
- Conduct site walk-over of targeted areas
- Evaluate the archaeological potential of build alternatives



Next Steps – Establish APE

- Area of potential effect (APE) is the area within which an undertaking may directly or indirectly cause changes in the character or use of historic properties
- APE for I-84 Hartford Project will be based on alignment of preferred alternative



Next Steps – Determination of Effects

- **Direct Effects**

- Physical destruction or damage to all or part of property
- Alteration that is not consistent with Secretary's *Standards for the Treatment of Historic Properties*
- Removal of property from its historic location

- **Indirect Effects**

- Change of the character of property's use or of physical features within property's setting that contribute to its historic significance
- Introduction of visual, atmospheric or audible elements that diminish integrity of the property's significant historic features



Next Steps – Architectural Resources

- Intensive-level survey within direct and indirect APE, including preparation of survey forms on potentially eligible resources
- Analyze effects of preferred alternative, and mitigate adverse effects



Next Steps – Archaeology

- Develop Phase 1B presence/absence testing plan and conduct survey for preferred alternative
- Analyze artifacts
- Analyze soil layers (stratigraphic analysis)
- Phase 2 Survey - delineates site size and determines eligibility
- Phase 3 Survey - data recovery excavation



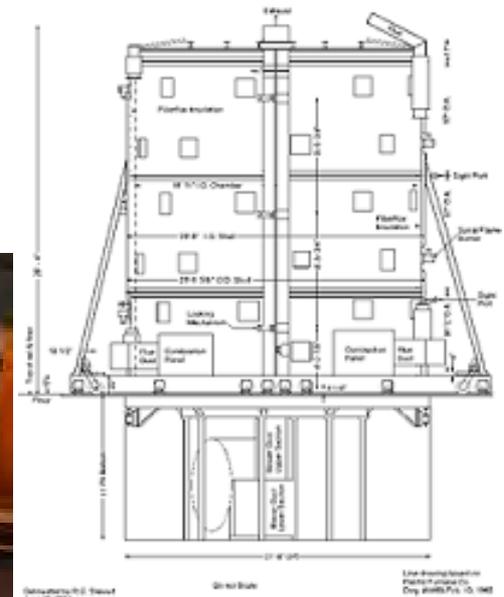
Next Steps – Examples of Mitigation Options for Cultural Resources

- **Additional Documentation**

- State-level historic documentation or Historic American Buildings Survey/Historic American Engineering Record (HABS/HAER) documentation
- Phase 3 data recovery excavation

- **Public Outreach**

- Lecture series
- Websites or apps
- Museum exhibits
- Brochures



Thank You!

Questions?

For project information and updates, please visit

<http://i84hartford.com/>

