

Summary Of Data to be Collected

Date: 04/27/09

MAINE-NEW HAMPSHIRE CONNECTIONS STUDY

Data Collection Summary: List of Data to be collected within Study Area

General

Relevant previous studies:

- o NHDOT Draft Environmental Impact Study – US Bypass
- o Sarah Mildred Long Bridge – A History of the Maine-New Hampshire Interstate (1988)

Relevant materials from the Portsmouth Memorial Bridge Rehabilitation Project:

- o City of Portsmouth, Hazard Mitigation Plan, 2005
- o City of Portsmouth Zoning Ordinance, Enacted as Amended December 18, 1995
- o Draft Portsmouth Master Plan, Existing Conditions, 2003
- o New Hampshire Department of Transportation, Sarah Mildred Long Bicycle Access Feasibility Study, November 14, 2005
- o Route 236 Corridor Study

Traffic and Safety

- Turning movement counts at 18 intersections (vehicle, bicycle, pedestrian)
- Automatic Traffic Recorder (ATR) counts at 63 locations
- Crash data for most recent five-year period
- Origin-Destination data on Portsmouth Memorial and Sarah Long Bridge
- MaineDOT and Seacoast Regional Travel Demand Models

Alternate Modes

- Modal center locations and details (park and ride, regional transportation centers)

- Passenger and freight rail lines and service requirements
- Intercity and local/regional bus
- Passenger ferry and other water services
- Bicycle and pedestrian facilities, including on-road and shared pathways
- State, regional, and local pedestrian and bicycle programs and projects
- Other transportation facilities

Navigational

- Existing navigational data and surveys performed for Portsmouth Memorial Bridge Study
- Survey of Portsmouth Memorial and Sarah Long Bridge navigational users
- NHDOT bridge lift records and information

Engineering

- As-built plans for I-95 High Level, Sarah Long, and Portsmouth Memorial Bridges
- As-built and right of way plans for Route 1, Route 1 bypass and I-95
- Other relevant Study Area bridge and roadway data
- City of Portsmouth/Town of Kittery property data
- City of Portsmouth/Town of Kittery utility data
- Bridge Inspection data for Portsmouth Memorial and Sarah Long Bridge (to be provided by NHDOT under separate BICA contract)

Physical and Biological Environment

- Groundwater and surface water resources: Aquifers, rivers, streams, brooks
- Wildlife Habitat: Pertinent wildlife and fisheries habitat information
- Wetlands Natural Resources Conservation Service soils data and National Wetland Inventory wetland maps
- Geography, soils and geology: Natural Resources Conservation Service soils data

- Floodplains: FEMA floodplain data
- Threatened and Endangered Species: Natural Heritage, US Fish & Wildlife Service, and National Marine Fisheries Service data
- Noise: Baseline measurements

Land Use, Cultural, Social, and Economic Environment

Land Use Plans

- o 1999 Kittery Comprehensive Plan
- o 2005 Portsmouth Master Plan
- o 2005 Portsmouth Zoning (GIS)
- o 2005 Assessors Data for Portsmouth
- o Portsmouth Utility Data 2008 (GIS)
- o Portsmouth Water & Sewer Data 2008 (GIS)
- o Neighborhood and Community facilities

Population and demographics

- o 2000 Census for both Kittery and Portsmouth
- o New Hampshire Statewide Model for population and employment for Kittery and Portsmouth, 2005
- o Office of Energy & Planning updates to population and employment
- o Historic and Archeological resources: Known and potential sites from state files and area reconnaissance
- o Social and Economic data, including major business and employer: Portsmouth Naval Shipyard – Economic Impact CY 2008/2007 and employment and income data from both states.
- o Working with Rockingham RPC and the Southern Maine RPC to validate assumptions and methodologies used to estimate

2008 base conditions and projections to 2030

- Office of Employment updates on model numbers and assumptions
- Public Parks and Recreation lands
- Additional economic analysis as needed
- Uncontrolled Petroleum and Hazardous Materials: State and local file data

Mapping (see detailed data sources for land use, socio-economic and environmental above)

- Study Area aerials and photogrammetry
- o Orthoimagery for NH from GRANIT (2005)
- o Orthoimagery for ME from OGIS (2005)

Study area topography

- o 10' contours from City of Portsmouth
- o 10' contours from OGIS
- Study area GIS data

From City of Portsmouth:

- street lines
- parcel lines
- building footprints
- Other misc. data

Public Involvement

- Steering Committee members
- Stakeholder Committee members
- Section 106 Consulting Parties
- General Outreach List
- List of Media contacts