Meeting Agenda

Presentation:
• Meeting Purpose
• Project Team
• Project scope
• Issues and Opportunities

Breakout Session

Wrap Up
Meeting Purpose

• Explain the scope of the project to the Public

• Provide the public an opportunity to share their concerns and ideas before design commences
Integrated Consulting Team

- Project Management
- Roadway & Streetscape Design
- Public Process
- Utility Design and Coordination
- Geotechnical Services
- Lighting Design
- Cultural Resources Documentation

LEE F. CARROLL, PE
Electrical Consultant
VHB’s - Portsmouth Experience

Maine/New Hampshire Connections Study

1999 Islington Street Corridor Study

Route 33 Improvements
Relevant Urban Design/Complete Streets Experience
Relevant Urban Streetscape Experience

Somersworth, NH
Underwood’s Portsmouth Experience:

- Completed over $26M and 35,000 LF of City sewer separation projects over the last 10 years
- Their work included Lincoln, Bartlett, and Cass St. projects
Project Scope:

- Utility Upgrades
- Roadway and Sidewalk Reconstruction
- Geometric Improvements
- Streetscape Enhancements
- Lighting
- Traffic Signal Improvement
- ADA Accommodations
- Bike Accommodations
- Parking
Utility Upgrades:

- Sewer
- Stormwater
- Water
- Gas
- Power
- Communications
Underground Utility Inventory
Functionality of Existing Systems

- Examine sewer routing
- Sewerage back-ups
- House surveys, homeowner questionnaires
- Drainage, flooding and documentation of pre-existing conditions
Systems Design
Systems Design
System Inventories

PUBLIC WORKS DEPARTMENT
PORTSMOUTH, NEW HAMPSHIRE

Underwood Engineers, Inc.
Portsmouth, New Hampshire
Flow Assessment Services, LLC.
Auburn, New Hampshire

NOTE: SEE ATTACHED SKETCH
Basement Inspections
System Inventories

LEGEND:

- **SURVEY COMPLETE**
- **NEEDS TO BE SURVEYD**
- **EXTERIOR SURVEY COMPLETE, BUILDING ENTRY NOT POSSIBLE, 2008 INSPECTION NOT REQUIRED**
- **INTERIOR SURVEY NOT PREVIOUSLY COMPLETE, ATTEMPT SURVEY AGAIN**
- **SUMP PUMP OR DRAIN CONNECTION IDENTIFIED**
- **REPORTS OF STORM WATER FLOODING**
- **REPORTS OF SANITARY BACK-UPS**
Coordination with Private Utilities

- Gas (Unitil)
- Electric (Eversource)
- Telephone (Fairpoint)

➢ Consider Moving Utilities Underground to Improve Streetscape
Unitil (Gas) Utility Schematic
Fairpoint Underground Utility Schematic

Link to Phase 1 Design
Hazardous Materials
Roadway Borings

- Determine Pavement Materials and Thicknesses
- Approximately 40 Borings Planned
Roadway / Sidewalk Reconstruction

- Phased Construction
- Traffic Management Critical
- Pedestrian Access Maintained
Re-align Spinney Street
Plantings in Bump-outs where possible
Public-private Partnerships to Implement Streetscape Improvements outside Public Right-of-Way
2009 Islington Street Corridor Improvement Action Plan

- Re-align Bartlett Street Intersection
- Plantings in Bump-outs where possible
- Potential Signalized Crosswalk at Plaza 800
2009 Islington Street Corridor Improvement Action Plan

- Planted Bump-outs at Cass Street Intersection
- Planted Bump-outs at Columbia Street Intersection
2009 Islington Street Corridor Improvement Action Plan

- Planted Bump-outs at Cabot Street Intersection
- Planted Bumpout at Goodwin Park Crossing
- Public Art Opportunities
2009 Islington Street Corridor Improvement Action Plan

- Re-align Summer Street Intersection
- Plantings in Bump-outs where Possible
- Marked Bus Pull Outs at Bridge-Tanner Block
Crosswalk Bump-out Examples:
Crosswalk Bump-out Examples:

Main Street, St Albans, VT
Crosswalk Bump-out Examples:
Crosswalk Bump-out Examples:
Streetscape Amenities

- Trees and plantings
- Lighting
- Gateways
- Bike racks
- Street furniture
- Sidewalk materials
- Wayfinding
Traffic signals

- Bartlett Street
- Cabot Street
Bike and Ped Considerations:
Bike and Ped Considerations:
2014 Bike and Pedestrian Plan
Project Considerations: Constrained width
Project Considerations: Constrained Width
Project Considerations: Access Management
Project Considerations: Sidewalk Space
Project Considerations: Sidewalk Condition
Project Considerations: Adjacent Landscape
Project Considerations: Undefined Road Edge
Project Considerations: Parking & Transit
Project Context

- Character-based zoning
- Surrounding redevelopment potential
- Arts community
THE WEST END: ISLINGTON STREET CORRIDOR
PRELIMINARY VISION PLAN
THE WEST END: ISLINGTON STREET CORRIDOR PRELIMINARY VISION PLAN
THE WEST END: ISLINGTON STREET CORRIDOR PRELIMINARY VISION PLAN

PROPOSED DISTRICT CENTRAL SQUARE ADJACENT TO HISTORIC BUTTON FACTORY
Maintenance of Traffic

- Maintain two lanes where possible
- Alternating traffic an option
- Restrict construction limits
- Consider short-term detours
- Consider parking impacts
- Keep public informed
Construction Preparedness

- Tight contract documents
- Consider incentives/disincentives
- Compact work zones
- Define work hours
- Maintain stakeholder involvement
- Open construction meetings to public
- Community liaison officer
- Mobilize project supporters
Keys to Success

- Develop creative and realistic design
- Coordinate utility solutions
- Consider the greater context
- Prepare in advance for construction phase
- Maintain stakeholder contact throughout
Please Share Your Vision with Us