Public Information Meeting No. 2
Maplewood Avenue & Adjacent Areas
Portsmouth, NH

May 10, 2016
Introductions

• City Staff
  • Planning Department
  • Department of Public Works
    • Highway Division
    • Water Division
    • Sewer Division
  • Public Safety
    • Police Department
    • Fire Department
• Engineering Consultants
  • Greenman-Pedersen, Inc.
  • Weston & Sampson, Inc.
  • Sub-Consultants
• Stakeholders
  • Residents
  • Business Owners
Project Need:

• **Primary Need:** Water Main Replacement on Maplewood Avenue
  - Recommended in 2013 Water Master Plan

• Identified Adjacent Areas in Need of Work
  - Added to Overall Project

• Full Roadway and Utility Reconstruction Where Appropriate

• Complete Street Type Design
  - City Council Policy

• Implementation of 2014 Bicycle & Pedestrian Plan
Agenda/Meeting Purpose:

• Project Limits for Design
• Data Collection
• Public Input Summary
• Utility Improvements
• Adjacent Area Improvements
• Maplewood Avenue Concept
• Intersection Concepts
• Next Steps
• Anticipated Project Schedule
• Feedback
Project Limits for Design

Woodbury Avenue & Adjacent Areas

Maplewood Avenue & Adjacent Areas
Data Collection – Existing Conditions:

- Speed Data
- Traffic Volume Data
- Parking Observations
- Accident Reports
Data Collection – Speed and Traffic Volumes:

- Posted Speed Limit – 25 mph
- Location 1:
  - Average Daily Traffic – 8,800
  - Peak Hour – 700 (AM), 820 (PM)
  - Toward Downtown – 33 mph
  - Outbound – 35 mph
- Location 2:
  - Average Daily Traffic – 2,300
  - Peak Hour – 170 (AM), 230 (PM)
  - Toward Downtown – 36 mph
  - Outbound – 37 mph
Data Collection – AM Peak Hour:

Maplewood Avenue & Adjacent Areas
Data Collection – PM Peak Hour:

Maplewood Avenue & Adjacent Areas
Data Collection – Observations

Maplewood Avenue & Adjacent Areas
Data Collection – Parking Observations:

January 27, 2016
• Wednesday 6am-8am
• Wednesday 11am-1pm
• Wednesday 6pm-8pm

January 30, 2016
• Saturday 6am-8am
• Saturday 11am-1pm
• Saturday 6pm-8pm
Data Collection: Parking Observations

Weekday 6-8am
Data Collection: Parking Observations

Weekday 11am-1pm
Data Collection: Parking Observations

Weekday 6-8pm

Maplewood Avenue & Adjacent Areas
Data Collection: Parking Observations

Saturday 6-8am

Maplewood Avenue & Adjacent Areas

4 Total Vehicles on Cutts St
Data Collection: Parking Observations

Saturday 11am-1pm

3 Total Vehicles on Cutts St SB
Data Collection: Parking Observations

Saturday 6-8pm

2 Total Vehicles on Cutts St SB
Data Collection – Parking Observations:

Maplewood Avenue:
• Some demand
• Sufficient supply on side streets

Cutts Street:
• Saturday demand
• Regulation recently revisited
Data Collection: Accident Reports (2009-June 2013)

- Maplewood Avenue & Adjacent Areas
- Leslie Drive
- Cutts Street
- Central Avenue
- Fairview Drive
- McGee Drive
- Woodbury Avenue
- Edmond Avenue
- Dennett Street
- I-95

- **5 Accidents**
  - Route 1 By-Pass
  - Maplewood Ave
- **1 Accident**
  - Leslie Drive
- **5 Accidents**
  - Central Ave
- **2 Accidents**
  - Cutts Street
Public Input Summary:

- Cars going fast
- Drainage low areas
- Coordination w/other utilities
- Stormwater survey
- Visibility at Int of Maplewood & Utopia
- Pedestrian & Bike Safety

Maplewood Avenue & Adjacent Areas
Public Input Summary:

Maplewood Avenue:

- Sidewalk Repairs/Replacement
- Speed humps
- Vehicles driving too fast
- Bicycle accommodation
- Drainage issues
- Accommodate school children
- Crosswalks
- Neighborhood feel
- Pavement conditions (neighborhoods)
Conceptual Improvements:
• Utility Improvements
• Adjacent Area Improvements
• Maplewood Avenue Concept
• Intersection Concepts
Utility Improvements – Sewer/Drainage:

- Maplewood Avenue & Adjacent Areas
- Leslie Drive
- Fairview Drive
- Central/Cutts
- I-95
- Rt 1 Bypass
Utility Improvements - Water:

- Maplewood Avenue & Adjacent Areas
- Leslie Drive
- Central/Cutts
- Fairview Drive
Adjacent Area Improvements:

• Fairview Drive
  • Sewer relocation
  • Trench repair and overlay

• Central/Cutts/Beechwood/Ashland
  • Water
  • Drain/Partial Curbing
  • Road reconstruction
  • Sidewalk

• Leslie Drive
  • Primary: Sewer spot repairs/Drainage
  • Primary: Selected roadway reconstruction
  • Secondary: Curbing
Maplewood Avenue Concept:

- Traffic Calming
- Sidewalk
- Bicycle Accommodations
- Grass Buffer (where possible)
- Curbing/Drainage
- Utility Coordination
- Street Tree Plantings (where possible)
Maplewood Avenue Concept:

Woodbury Avenue to McGee Drive

Optional Sidewalk
Maplewood Avenue Concept:

McGee Drive to Edmond Avenue
Maplewood Avenue Concept:

Edmond Ave to Emery St/Central Ave
Maplewood Avenue Concept:

Emery St/Central Ave to Cutts St
Maplewood Avenue Concept:

Cutts Street to Prospect Street
Maplewood Avenue Concept:

Prospect Street to Dennett Street
Maplewood Avenue Concept:

Dennett Street to North Mill Pond
Intersection Concepts:

Source: National Association of City Transportation Officials, "Urban Street Design Guide"
Intersection Improvements: Dennett Street

Maplewood Avenue & Adjacent Areas
Intersection Improvements: NB Bypass Ramps
Intersection Improvements: Central/Emery & Cutts

Maplewood Avenue & Adjacent Areas
Intersection Improvements: Edmond Avenue

Optional Sidewalk
Maplewood Avenue at Woodbury Ave:

• Concerns
  • Woodbury Ave Travel Speed
  • Maplewood Ave Travel Speeds
  • Excessive Pavement
  • Gateway Treatment
  • Crosswalks Desired
Intersection Improvements: Woodbury Avenue

- Woodbury Ave Travel Speeds
- Maplewood Ave Travel Speeds
- Excessive Pavement
- Gateway Treatment
- Crosswalks Desired

T-Configuration
Intersection Improvements: Woodbury Avenue

- Woodbury Ave Travel Speeds
- Maplewood Ave Travel Speeds
- Excessive Pavement
- Gateway Treatment
- Crosswalks Desired
Intersection Improvements: Woodbury Avenue

- Woodbury Ave Travel Speeds
- Maplewood Ave Travel Speeds
- Excessive Pavement
- Gateway Treatment
- Crosswalks Desired
Roundabouts:

- FHWA Proven Safety Countermeasure
- Provides Horizontal Deflection
  - Speed Control – 24 Hour
- 90% Reduction in Fatalities
- Fewer Conflict Points
- Efficient Operations
- Gateway Treatment
Next Steps

• Written Comments
  • Tonight
  • ...Or within 10 days

• Final Concept Plans To Be Provided On City Website
Anticipated Project Schedule:

- Second Public Meeting..........................May 2016
- Complete Preliminary Design......................July 2016
- Third Public Meeting.............................September 2016
- Complete Final Design...........................Fall 2016
- Advertise for Bids................................Winter 2017
- Begin Construction..............................Spring 2017
Keeping in Touch

- **Project Website:**
- **City Staff Contact:**
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  - Email: rcpezzullo@cityofportsmouth.com
- **Email Distributions**

Maplewood Avenue & Adjacent Areas