2nd Bicycle-Pedestrian Stakeholder Meeting
February 16, 2017

2016 Falmouth Bicycle & Pedestrian Plan
Final Plan as accepted by Council, May 23, 2016

ATTACHMENTS
1. Appendix A-2015 Falmouth Bicycle & Pedestrian Plan
2. Bicycle Safety and Mergersocket and Data
3. Key Data and Analysis
4. Recommendations at the Meeting
5. Recommended Traffic and Safety Improvement Plan
6. Recommended Traffic and Safety Improvement Plan 2014-15 with Accompanying Plan Implementation
7. Appendix B-2016 Bicycle Action Plan Implementation
8. Appendix C-2016 Bicycle Action Plan Implementation
10. Appendix E-2016 Bicycle Action Plan Implementation
11. Appendix F-2016 Bicycle Action Plan Implementation
15. Appendix J-2016 Bicycle Action Plan Implementation
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19. Appendix N-2016 Bicycle Action Plan Implementation
20. Appendix O-2016 Bicycle Action Plan Implementation
22. Appendix Q-2016 Bicycle Action Plan Implementation
23. Appendix R-2016 Bicycle Action Plan Implementation
25. Appendix T-2016 Bicycle Action Plan Implementation
27. Appendix V-2016 Bicycle Action Plan Implementation
28. Appendix W-2016 Bicycle Action Plan Implementation
29. Appendix X-2016 Bicycle Action Plan Implementation
31. Appendix Z-2016 Bicycle Action Plan Implementation

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Tonight’s Agenda

1. Review Approach for Promotional, Educational, and Behavioral Strategies
2. Review Current Implementation Efforts
3. Review Route 1 Complete Street Project
4. Stakeholder Feedback
Quick Recap...

- May 2016  Council adopts 2016 Bicycle and Pedestrian Plan
- July      Council accepts 2-Year Work Plan and Informal Stakeholder Group
- August   Call for Stakeholder Participants – 60+ responses!
- October  Held 1st Stakeholder Meeting - 42 attendees!
- Feb. 2017 2nd Stakeholder Meeting
Your Tasks as “Stakeholders”…

Meet 2 to 4 times per year with Town staff to:

- Review walking and bicycling improvement progress in Falmouth.
- Assist with development of prioritization criteria for specific walking and bicycling projects.
- Assist with development of promotional, educational, and behavioral strategies for walking and bicycling.
- Provide “on the ground” walking and bicycling feedback to Town staff.
- Recommend new walking and bicycling projects for future consideration.
- Help communicate the Town’s walking and bicycling efforts to others in the community.

Action Item #1
Guide = 2016-18 Work Plan

- 20 year plan with 48 actions
- 36 actions selected for first 2 years – ambitious!
- Remember - No expectation to complete all 36 by 2018!
Promotional, Educational, and Behavioral Strategies
Update since last October

- Staff met with Bicycle Coalition of Maine, Falmouth PD, Falmouth Parks & Community Programs, and School Dept.

- Currently being planned are:
  - Falmouth Bike Rodeo (May 2017)
  - Educational Programs in School
Falmouth Parks & Community Programs

- Is currently offering “Healthy Kids/Happy Kids” (HK2) programs – see catalogue
  - two sessions each spring
  - promote safe biking, proper bike maintenance and riding skills for grades K-5
- HK2 also offers a summer mountain biking racing circuit for kids in Community Park as well as at other regional locations for “meets/rides”
Falmouth Parks & Community Programs (FPCP)

- Sponsored prior “Bicycle Rodeos”
- FPCP and Falmouth PD are working on joint programming
- FPCP is always open for suggestions for additional programming
Very excited to help sponsor a 2017 Falmouth Bike Rodeo!
Falmouth Schools

- Organizes Wellness Fair in May
- Falmouth Education Foundation has organized very successful “Color Run”
- New Mountain Biking Club – possibilities?
- Very interested in Falmouth Bike Rodeo at School Campus
- Willing to try bike safety classes as part of school day
Bicycle Coalition of Maine

- Working with MaineDOT to put out information to area school about getting education in the classrooms
Bicycle Coalition of Maine

- Working with Falmouth on 2017 Bike Rodeo
BCM Law Enforcement Collaborative

- Working with area Police Departments – Law Enforcement Collaborative
  - Law Enforcement Reference Guide
  - Coordinated Enforcement Campaign
Bicycle Law Enforcement Reference Guide

Bicycle Violations:
- Riding Against Traffic
- Ignoring Traffic Control Lights and Signs
- Failure to Yield to Pedestrians
- Operation after Dark without Lights and Reflectors

Motorist Violations:
- Unsafe Passes
- Unsafe Turns/Failure to Yield
- Speeding/Imprudent Speed
- Distracted Driving
- Aggressive and Threatening Behavior
February 2017 Project Update

1. 2016 Walking and Biking Improvements
2. Current & Upcoming Town Construction Projects
3. Upcoming MaineDOT Construction Projects
4. Current Town Planning Projects
5. Upcoming Town Inventory Projects and Studies
6. Possible Projects by Others
7. Ongoing Town Work
1. 2016 Walking and Biking Improvements (since Oct. 2016)
2016 Walking and Biking Improvements

Bicycle Racks Installed at Town-Owned Properties

Action Item #16
2016 Walking and Biking Improvements

Middle Road Reconstruction: New Bicycle Facilities

Rural Bicycle Loops
44 Middle Road: Install bicycle lane from Longwoods Road to Cumberland Town line
45 Hurricane Road: Install bicycle lane from Black Strap Road to Gray Road
46 Blackstrap Road: Install bicycle lane or designate for shared access from Brook Road to Hurricane Road
47 General: Consider regional transportation connection opportunities when planning new bicycle improvements
2. Current and Upcoming Town Construction Projects
Upcoming Town Construction Projects

- Woodville Road Shared Access
- Route 100 Infrastructure project (now: 2018/19)
  - Route 100 sidewalk and bicycle lanes
  - Leighton Road sidewalk
  - Falmouth Road sidewalk
- Middle Road Reconstruction – Phase 2 (2017)

Action Items #24, 25, 26, 28, 31
3. Upcoming MaineDOT Construction Projects in Falmouth
Upcoming MaineDOT Construction Projects

- Rehabilitation of 2 bridges over Interstate 295:
  - Lunt and Bucknam Road Bridges
- Signalization of I-295 northbound entrance/exit ramps
- Woods/Longwoods/Middle Rd. Roundabout
  - Town seeking support/feedback from YOU on the current/proposed design

Action Items #19 + 43B
I-295/Bucknam Rd. Signalization
Lunt/Bucknam Rd Bridge Renovation
Lunt/Bucknam Rd Bridge Renovation

Lunt Road Existing Section

Lunt Road Steel Bridge Rail Concept
Woods/Longwoods/Middle Roundabout
Woods/Longwoods/Middle Roundabout
4. Current Town Planning Projects
Current Town Planning Projects

- Route 1 North Vision Plan
- Connector between Community Park and School Campus
- Open Space Plan Update
- West Falmouth Neighborhood Sketch Plan

Action Items #20, 21, 23, 29
Route 1 North Vision Plan

- Land Use Vision for Business and Professional District
- Infrastructure Vision for Route 1
Route 1 North Vision Plan

Committee: Improve Bicycle and Pedestrian Facilities – sidewalk + shared use path
Route 1 North Vision Plan

Committee: Two Lanes with Dedicated Left Turn Lane

Three Lane Sections
Route 1 North Vision Plan

Committee: Make improvements to Johnson Road intersection

Next Steps:

- March – Recommend Draft Vision
- April - Public Forum #2
- April - Final Recommendations
- May - Presentation to Town Council
Community Park - School Campus Connector

- Concept dates back to 1990’s
- Assessed East Branch Recreation Path
- Explored tunnel option

- Committee formed in 2014
  - Focus: safe, accessible and legal trail connection
- Explored alternative routes and bridge option ($1M)
- Investigated land purchase potential
Community Park - School Campus Connector

Current recommendation:
- Use Falmouth Road and Twin Pond Drive Route
- Cross East Branch and railroad at Falmouth Road
- Assess improvements required
- Acquire 5-acre Connolly parcel for future bridge, tunnel, at-grade connection
Open Space Plan Update

- Being prepared by Long Range Planning Advisory Committee (LPAC) with
  - Land Management and Acquisitions Committee
  - Parks and Community Programs Advisory Committee
  - Conservation Commission
  - Falmouth Land Trust
- Plan will include Trails and Outreach
West Falmouth Neighborhood Sketch Plan

Leighton Road

Maine Turnpike

Mountain Road

Gray Road/Route 100
West Falmouth Neighborhood Sketch Plan
West Falmouth Neighborhood Sketch Plan

November 4 2014

Attention: Those involved in Long-Range Planning / Economic Development

Stantec Consulting Services Inc.
300 Industrial Park Drive, Suite 200
Falmouth, ME 04105

Dear Mr. [Recipient],

Reference: West Falmouth Neighborhood Sketch Plan

Thank you for the opportunity to submit our proposed sketch plan for the West Falmouth Neighborhood Sketch Plan. As a professional planning and design firm, we are pleased to propose a concept that builds upon the strengths of the West Falmouth area.

Project Summary

The project is intended to identify opportunities for enhanced community development within the West Falmouth area. The study will explore the potential for increased density, mixed-use development, and enhanced connectivity within the area.

The West Falmouth Neighborhood Sketch Plan will provide a framework for future development, including recommendations for infrastructure improvements, public spaces, and community amenities.

We look forward to hearing your thoughts and feedback on this proposal.

Sincerely,

[Your Name]
Stantec Consulting Services Inc.

WEST FALMOUTH NEIGHBORHOOD SKETCH PLAN

TOWN OF FALMOUTH, MAINE

INVITATION

January 13, 2014

Dear Falmouth Residents:

This is an invitation to participate in the West Falmouth Neighborhood Sketch Plan project. This is a crucial stage in the process of updating our Master Plan and creating a vision for the future of our community.

The project will focus on identifying opportunities for enhanced community development within the West Falmouth area. The study will explore the potential for increased density, mixed-use development, and enhanced connectivity within the area.

We would like to invite you, the owners of property within the study area, to join us for two open houses:

1. The first will be on Thursday, January 16, 2014, at 6:00 p.m. at Falmouth High School, where the draft study plan will be presented to the community

2. The second will be on Saturday, January 18, 2014, at 3:00 p.m. at the Falmouth Community Center, where the study plan will be presented to local residents.

Feel free to stop by either of these open houses to learn more about the project and provide your feedback.

Thank you for your interest and support.

Sincerely,

[Your Name]
Mayor of Falmouth

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Sincerely,

[Your Name]
Mayor of Falmouth
West Falmouth Neighborhood Sketch Plan
5. Upcoming Inventory Projects and Studies
Upcoming Inventory Projects and Studies

- **ADA Accessibility Inventory**
  - Make prioritized ADA improvements to sidewalks and crosswalks

- **Road/Lane Width Inventory**
  - Reduce lane widths and increase paved shoulder widths, where feasible

- **Blackstrap Road bicycle access**

- **Falmouth Road bicycle lane/sidewalk**

Action Items #3, 13, 32A, and 46B
7. Possible Projects by Others
Foreside Estates

- Developer has proposed 72-unit infill expansion
- Road connection to Route 1 being explored
  - Waldo’s route: No property owner consent
  - PWD route: Feasible
- Estimated cost: $670,000
- Developer-Town to work out details of Contract Zone Agreement
Foreside Estates

Action Item #18

Approximate Location of Portland Water District Easement

Waldo's General Store

Foreside Estates
Village Green Walkways - OceanView
8. Ongoing Town Work
Ongoing Town Work

- Coordinate annual maintenance with MaineDOT
- Use latest ADA crossing technologies
- Bicycle signage and stenciling
- Bicycle detection at traffic signals
- Increase “fog” line striping width

Action Items #2, 4, 14, 12, 15
9. PACTS Projects
Need Safer Streets

- 19 pedestrian fatalities in 2015
- MaineDOT/BCM reduction effort
- PACTS “Active Transportation Plan” – includes Survey and Outreach
PACTS 2017 Regional Active Transportation Plan

Plan Objectives:

- Assess Accessibility and Safety Related to Schools
- Identify Barriers, Unsafe Route Components, and Routes Avoided
- Develop a Prioritization Criteria for Project Evaluations
- Prioritize Regional Projects
- Formalize a Regional Education and Enforcement Protocol
North Portland Route One Complete Streets Plan
PACTS and Towns of Falmouth, Cumberland and Yarmouth
Falmouth Public Meeting February 16, 2017
Falmouth, Cumberland and Yarmouth are working on a detailed plan for Route 1 to:

- Increase safety and access for bicycles, pedestrians, buses, trucks, and passenger cars.

- Consider “Complete Streets” methods, so that Route 1 will be safe and accommodating to all users and all modes of travel.
North Portland Route One Complete Streets Plan

Consultant Team

Tom Errico, PE
Project Manager/Complete Streets Specialist

Jennifer Claster, ASLA
Landscape Architect

Carol Morris
Public Outreach Specialist

Christi Apicella, AICP
Transit Planner
North Portland Route One Complete Streets Plan

Scope of Work

☑️ TASK 1: DOCUMENT REVIEW
☑️ TASK 2: FIELD WORK AND ASSESSMENT
☑️ TASK 3: CONCEPT RECOMMENDATIONS
☑️ TASK 4: PUBLIC OUTREACH
☑️ TASK 5: CONCEPT PLANS
☑️ TASK 6: COST ESTIMATES AND FUNDING
☑️ TASK 7: FINAL REPORT
North Portland Route One Complete Streets Plan

Falmouth On-Line Survey Results, Nov. 14 - Dec. 6, 2016: 554 respondents (162 Falmouth)

- Vehicle Safety Trouble Spots on Falmouth Route 1:
  - Route 88
  - Falmouth Turnpike Spur Exit/Entrance
  - Johnson Road

- Bicycling:
  - Almost 70% interested or enthusiastic bicyclists
  - But 40% would never ride a bike on Route 1
  - All 70% WOULD ride, if facilities on Route 1 were improved
Walking
- 60% felt walking along Route 1 was generally safe
- But only 20% would walk without sidewalks
- Where should there be new sidewalks?
  - “Where there are stores”
  - “Enough already”
- 87% felt timing of crossing lights good; about same number said drivers usually or always yield to pedestrians

Transit
- 3% ride the bus some of the time
- Bus shelters and good sidewalks were the most desirable upgrade
- Significant number said improvements would make no difference
Pedestrian Facilities in Route 1 South

Route One - Falmouth
Pedestrian Facilities Route 1 North: Area generates pedestrian activity, yet there are no sidewalks.

Near Cumberland Town Line

Near Turnpike Spur
Bicycle Facilities:

• Which facility types are *most needed* and *most appropriate* in various locations
• Currently there is *no comprehensive approach* or plan to determine that.
Transit Facilities: Consider optimization of facilities for transit
Falmouth - DRAFT Summary of Recommendations - January 18th, 2017
PACTS NORTH OF PORTLAND ROUTE ONE COMPLETE STREETS CORRIDOR PLAN

1. GATEWAY/FALMOUTH FOREBOSIDE
   - Portland Line to Gilisland Farm Road
   - Sidewalk from Martin's Point Bridge to Brown Street - East side
   - Landscaped islands and bike lanes installed near Gilisland Farm Road in 2016, Northbound lane is buffered near Rte. 88

2. TRANSITION AREA
   - Gilisland Farm Road to Rte. 1/Rte. 88 Intersection
   - Highway-like character
   - Sidewalk on West side connecting to Old Rte. 1 and Providence Ave.
   - Restriped with bike lanes and northbound buffer in 2016

3. RTE. 1 & RTE. 88 INTERSECTION
   - Rte. 1/Rte. 88 Intersection with A Perfect Smile
   - Sidewalk on West side to A Perfect Smile
   - Sidewalk re-striped with bike lanes in 2016. Bike/ped shortcut to Rte 1 southbound with clear crossings

4. TRANSITION AREA
   - A Perfect Smile to Waldo's General Store
   - Shared use path with esplanade and lighting on West side
   - Landscaped islands alternating with center turn lanes
   - Stripped shoulders
   - Work completed in 2016

5. COMMERCIAL DISTRICT
   - Waldo's General Store to Bucknam Road
   - Sidewalk on West side to Waldo's General Store
   - Shared use path with esplanade and lighting on both sides
   - Landscaped islands alternating with center turn lanes
   - Stripped shoulders
   - Work completed in 2016

6. TURNPIKE INTERCHANGE
   - Bucknam Road to Rose Stone Drive
   - Sidewalk on West side to Turnpike Interchange
   - Two-lane highway with wide shoulders
   - Norton Brook runs along East side
   - Areas of steep slopes and possible wetlands

7. EMERGING COMMERCIAL DISTRICT
   - Rose Stone Drive to Johnson Road
   - Sidewalk on West side to Norway Savings Bank
   - Wide shoulders
   - Highway-like character
   - Study to remove intersecting, encourage development and change roadway in progress

8. RURAL-SUBURBAN COMMERCIAL
   - Johnson Road to Cumberland Line
   - Two-lane highway with wide shoulders
   - Norton Brook runs along East side

Recommendations:
- Maintain recent improvements
- Long term: Replace with roundabout
- Short term: Work on improving pedestrian character
- Implement recommendations of Maine Turnpike Spur redevelopment study
- Construct shared use path (SUP) on East side
- Construct shared use path on South side of Route 1 to Johnson Rd
- Construct SUP on East side
- Possibly rezone as three lane section with narrower shoulders and landscaped center islands alternating with left turn pockets
- Possible crosswalk near Northbrook Drive
- Construct sidewalks on the south side of Johnson Rd to Middle Rd
- Provide left turn lanes and crosswalks on Route 1 to Johnson Rd
- Construct shared use path on West side of Route 1
- Re-stripe as three lane section with narrower shoulders to Cumberland Line

63
This location is anticipated to continue to accommodate traffic volumes for the foreseeable future. This being said, it is recommended that the Town investigate the potential for a roundabout at this location for two primary reasons. One, it will allow the Town to provide a gateway treatment for traffic coming to and from the south. Two, it would open up significant real estate for future use, be it green space, developed land, or some combination of the two.

*Recommendation*: Prepare conceptual level plan to identify the amount of developable land which would result – if significant, this may fund the construction of a roundabout.
Audit Area: Route 1 (Falmouth) and Veranda Street (Portland) corridor

Major deficiency in Falmouth = Route 1/Route 88 intersection

- “highway-oriented”
- “non-bicycle/pedestrian-friendly”
Roundabout Concept Plan – Long Term

- Layout
- Operation
- Cost
EXHIBIT 4T: ELEMENTS OF ROUNDABOUTS WITH SEPARATED BIKE LANES

1. Bicycle Crossing
2. Yield Markings
3. Bicycle Stop Line
4. 5 ft. Curb Radius
5. Channelizing Island
Next Steps

- **January/February 2017**: Present initial concepts at Public Meetings in 3 towns; gather input for where to focus on detailed plans.

- **February/March 2017**: Revisions, draft detailed plans, initial cost estimates.

- **April 2017**: Finalize entire corridor Concept, detailed plans, fine-tune cost estimates.

- **May 2017**: Final Recommendations to Falmouth Town Council
Stakeholder Questions/Feedback?
Thank You!

Hope you got enough to take home…