

**Town of Falmouth, Maine
Request for Proposals**

**Route One South Infrastructure Plan
Construction Document Preparation Services**

June 13, 2013

The Town of Falmouth is inviting qualified companies to submit a proposal for construction document preparation services for improvements outlined in the Route One South Infrastructure Plan. There will be a mandatory pre-proposal meeting on Thursday, July 11, 2013 at 12:30 PM in Falmouth Town Hall, 271 Falmouth Road. Proposals must be submitted to Nathan Poore, Town Manager, 271 Falmouth Road, Falmouth, ME 04105 no later than 1:00 PM on Thursday, July 25, 2013. Proposals shall be labeled "RFP – Route One South Infrastructure Plan."

Background

On June 11, 2013, Falmouth voters approved Question 1 authorizing infrastructure improvements along Route One between its intersection with Route 88 and the Maine Turnpike Connector interchange, including underground utility lines and improvements to the street, sidewalks, intersections, streetlights, landscaping, and storm water management. These improvements are described in a Preliminary Plan entitled "Route One South Infrastructure Plan." The total project cost, including all services, fees, and Town cost share for the MDOT repaving project, is not to exceed \$11,700,000.

This plan was developed in 2012-13 by the Town's Community Development Committee with assistance from a team led by TY Lin International and Town staff. See attachment A for a copy of this plan. See attachment B for the estimated costs for this plan. This information is also posted at:

http://www.town.falmouth.me.us/Pages/FalmouthME_BComm/RouteOneFolder/ConceptReport.

A topographic survey was prepared by Northeast Civil Solutions to aid the preparation of the plan.

This project will be funded by the Town of Falmouth through its Route One South Tax Increment Financing District.

Scope of Work

Proposals must include, at a minimum, the following services:

Task 1 Supplementary Survey

Perform a supplementary survey of existing conditions, as needed, for construction purposes beyond what is provided in the NCS Survey and/or other available surveys.

Task 2 Final Design Plans and Specifications

Based on input received from the Town, develop final design plans and specifications for construction, and provide updated final cost estimates for the Route One improvements. The Consultant shall present final plans, specifications, and opinion of cost for final review and approval by the Town and make any needed revisions. The consultant shall provide all data at a level of detail which can be used for solicitation of construction bids. The consultant shall conduct field visits as necessary.

Task 3 Meetings

Conduct meetings with Town staff, the Community Development Committee, affected property owners, the public, and Town Council as necessary to review and discuss project design issues and complete the project in a satisfactory manner. The consultant shall be responsible for recording the events of these meetings and preparing minutes with a summary of action items for distribution.

Task 4 Permitting and Coordination

Develop and prepare all necessary permit applications, and attend regulatory meetings as necessary. The Town will be responsible for any and all permit fees. The consultant will coordinate and prepare all requisite permit applications to support the improvements, including amendments to previously-approved Traffic Movement permits and site plans. The consultant will coordinate with all utilities and any other applicable parties.

Task 5 Bid Process

Issue invitation to bid documents. Perform public notice/bid advertisement. Conduct a mandatory pre-bid meeting. Review construction bids submitted and assist the Town with bid selection.

Project Schedule

The selected consultant shall be expected to begin work within two weeks of contract signing and complete all tasks in their entirety by November 15, 2013.

Proposal Submittal Requirements

Proposals shall include the following and shall be organized using each of the above required elements as section headings:

- A. Firm Description - Provide a brief description of the firm including firm size and area of specialization, location of corporate headquarters, and potential satellite office proposed to manage this project.
- B. Project Team - Provide names and resumes of key professionals who would be assigned to the project. Each team member's education and experience shall be listed. The project manager shall be clearly identified and a description of his/her relevant previous projects listed. A list of past relevant projects, which proposed project staff have played a central role in developing, shall be also provided. The individual(s) responsible for leading neighborhood meetings shall be clearly identified.
- C. Statement of project understanding - The consultant shall state in succinct terms his/her understanding of what is required by this Request for Proposal.
- D. Scope of Services/Approach - Describe in narrative form the consultant's approach and technical plan for accomplishing the work listed herein. The Consultant is encouraged to elaborate and improve on the tasks listed in the RFP; however, the consultant shall not delete any requested scope tasks, unless explicitly noted. The Consultant shall submit a schedule for completing the scope of work.
- E. Project budget - The consultant shall provide a project budget itemized by the tasks listed above and a total project cost stated as a firm, all-inclusive, fixed fee. Hourly rates for project staff shall also be provided.
- F. References - The consultant shall provide three (3) references, including current contact name and phone number for similar project.

Five (5) paper copies and one digital copy of the proposal must be submitted.

Evaluation Criteria

Proposals will be evaluated according to the following:

- 1. Responsiveness to the submission requirements.
- 2. Qualifications of firm and project team members. Particular attention will be given to the experience and demonstrated ability of the project manager to pro-actively complete all project tasks.
- 3. Previous related work.
- 4. Understanding of required project work.
- 5. Proposal price.

Consultant Selection

The Town, at its discretion, may select a firm outright or select a finalist(s) for in-person interviews. The anticipated date and time for firm interviews is Tuesday, August 6, 2013.

The Town reserves the right to negotiate directly with the firm selected for additional project work, including construction administration services, and/or additional project engineering and design services at the hourly rates shown in the proposal submitted in response to this RFP.

Requirements

1. The work shall be performed by a professional engineer licensed in the State of Maine.
2. These specifications are also posted on the Bid section of the Town of Falmouth website at http://www.town.falmouth.me.us/Pages/FalmouthME_Bids/2013_Files/ Addenda to this RFP, if any, will be posted on this website under the project heading.
3. This project requires close coordination with the Maine Department of Transportation (MDOT) as that agency has scheduled repaving of this section of Route One. Note: The repaving project is not included in this scope of work.
4. The work shall meet Maine DOT's standards and procedures, including but not limited to applicable sections of the latest versions – and any revisions – of the MaineDOT's *Highway Design Guide*, *Standard Specifications*, and *Standard Details*.

Questions

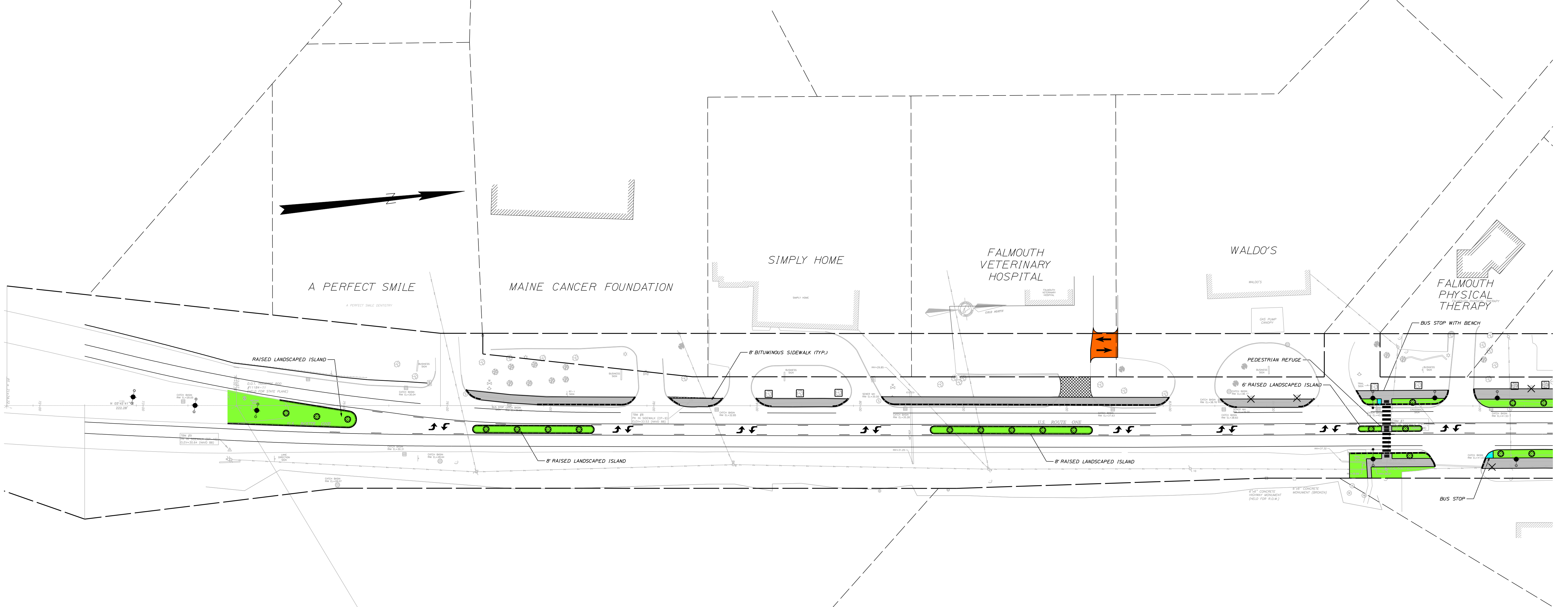
All proposers will have an opportunity to ask questions at the mandatory pre-proposal meeting. Additional questions can be directed to Jay Reynolds, Public Works Director, at jreynolds@town.falmouth.me.us with the subject – “Route One South Infrastructure Plan” or by calling 207-781-3919. The Town will respond to questions up to 5 business days prior to the bid submission date and will provide addenda to potential bidders as necessary.

Acceptance of Proposals

No proposals will be accepted from firms that do not attend the mandatory pre-proposal meeting. The Town of Falmouth reserves the right to accept or reject any or all proposals for any reason, to negotiate with any individual or firm and to select one or more of the proposals.

Attachments

- A. Preliminary Plan (4 plan sheets), TY Lin International
- B. Preliminary Cost Estimates (by category and by item)



LEGEND

SAVE - FIELD VERIFY

TREE/SHRUB TO BE REMOVED

EXISTING COBRA STREET LIGHT

PROPOSED MAST ARM W/STREET LIGHT

PROPOSED PEDESTRIAN LIGHT

PROPOSED DBL. GATEWAY LIGHT

PROPOSED PED./STREET LIGHT

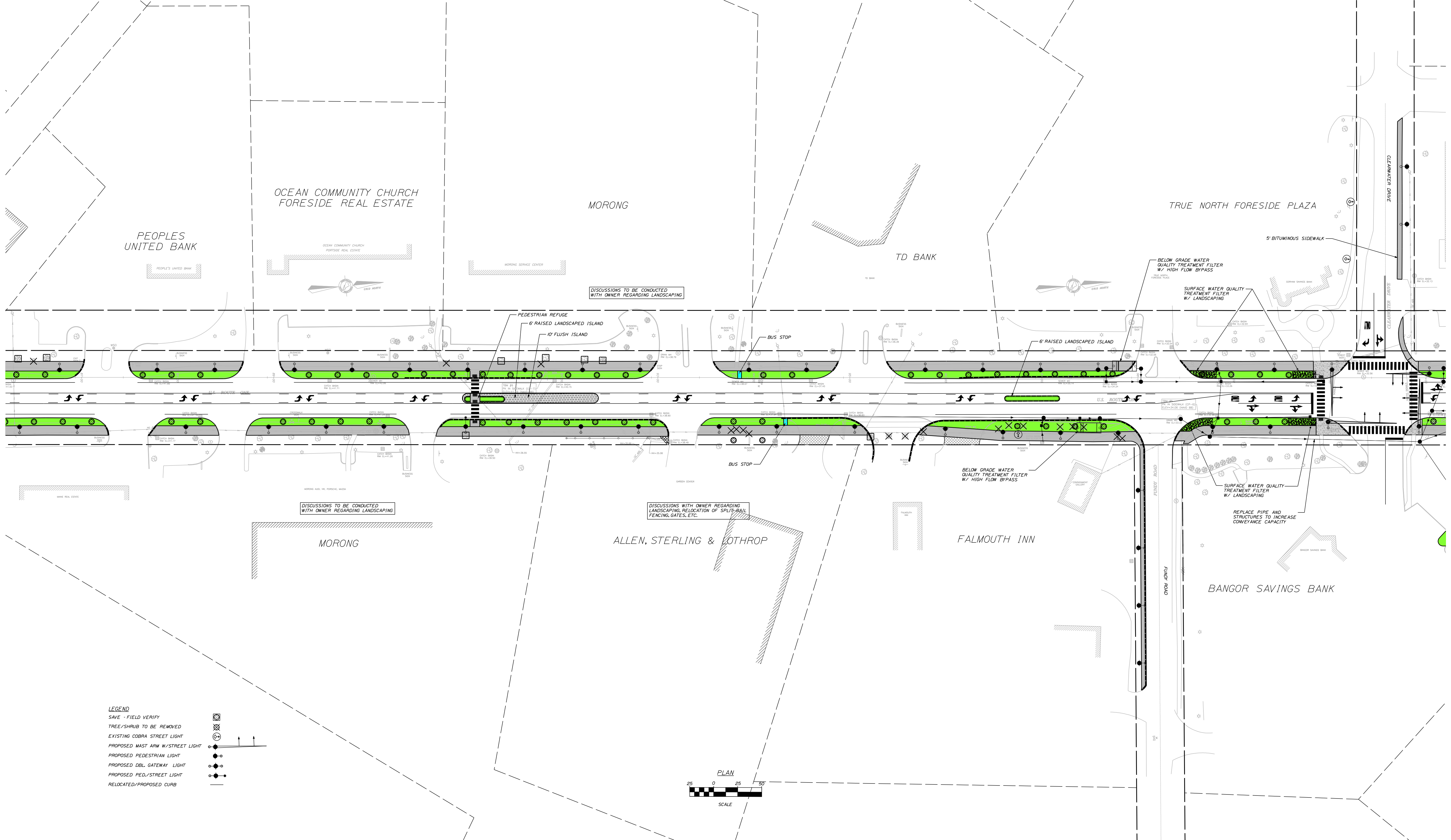
RELOCATED/PROPOSED CURB



PLAN



SCALE



OCEAN COMMUNITY CHURCH
FORESIDE REAL ESTATE

MORONG

TRUE NORTH FORESIDE PLAZA

PEOPLES
UNITED BANK

TD BANK

DISCUSSIONS TO BE CONDUCTED
WITH OWNER REGARDING LANDSCAPING

PEDESTRIAN REFUGE
6' RAISED LANDSCAPED ISLAND
10' FLUSH ISLAND

BUS STOP

6' RAISED LANDSCAPED ISLAND

BELOW GRADE WATER
QUALITY TREATMENT FILTER
W/ HIGH FLOW BYPASS

SURFACE WATER QUALITY
TREATMENT FILTER
W/ LANDSCAPING

5' BITUMINOUS SIDEWALK

CLEANWATER DRIVE

BELOW GRADE WATER
QUALITY TREATMENT FILTER
W/ HIGH FLOW BYPASS

SURFACE WATER QUALITY
TREATMENT FILTER
W/ LANDSCAPING

REPLACE PIPE AND
STRUCTURES TO INCREASE
CONVEYANCE CAPACITY

DISCUSSIONS TO BE CONDUCTED
WITH OWNER REGARDING LANDSCAPING

DISCUSSIONS WITH OWNER REGARDING
LANDSCAPING, RELOCATION OF SPLIT-RAIL
FENCING, GATES, ETC.

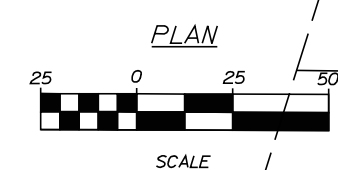
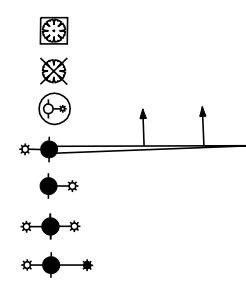
ALLEN, STERLING & LOTHROP

FALMOUTH INN

BANGOR SAVINGS BANK

LEGEND

- SAVE - FIELD VERIFY
- TREE/SHRUB TO BE REMOVED
- EXISTING COBRA STREET LIGHT
- PROPOSED MAST ARM W/STREET LIGHT
- PROPOSED PEDESTRIAN LIGHT
- PROPOSED DBL. GATEWAY LIGHT
- PROPOSED PED./STREET LIGHT
- RELOCATED/PROPOSED CURB





CARRIAGE HOUSE

WALMART

WENDY'S

FALMOUTH VILLAGE

U.S. ROUTE ONE

5 COUNTY CREDIT UNION

McDONALDS

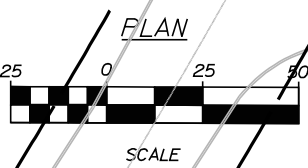
PRATT ABBOTT CLEANERS

LEAVITT & SONS

BATH SAVINGS BANK

LEGEND

- SAVE - FIELD VERIFY
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FALMOUTH ROUTE ONE SOUTH INFRASTRUCTURE PLAN - COST MATRIX		
Preliminary Plan Cost Estimate - March 2013		
Note: Each item below includes 10% contingency, 6% design fee, and 3% construction administration fees.		
Proposed Improvements		
I. TRANSPORTATION INFRASTRUCTURE		
	Pavement Markings	
	Re-stripe Route One to provide three 11-foot Travel Lanes and two 4-foot (min.) Shoulders (includes removal of existing pvt mkgs) - cost included in MDOT repaving project	\$0
	Upgrade Crosswalks to "Block" Design Paint at Uncontrolled Locations - cost included in MDOT repaving project	\$0
	Provide Crosswalks at the Route One and Bucknam Road intersection (paint only) - cost included in MDOT repaving project	\$0
	Add Crosswalk on South Side of Clearwater Drive (includes ADA ramps, ped signals, etc)	\$12,318
	Pavement Markings Subtotal	\$12,318
	Traffic Signals	
	Coordinate Traffic Signals - cost included in Signal Support Upgrades	\$0
	Upgrade Traffic Signal Supports to Ornamental Mast Arms	\$603,588
	Traffic Signal Subtotal	\$603,588
	Roadway / Intersection Geometry	
	Eliminate right-turn channelization Islands at Route One and Bucknam Road intersection	\$61,591
	Eliminate Right-turn Deceleration Lane into Wal-Mart/Wendy's	\$12,318
	Raised Center Landscaped Medians (including drive closures and lot interconnections) from Waldo's to Bucknam	\$184,360
	Increase intersection capacity at the Route One and Bucknam Road intersection (add lanes) - separate future TIF project	\$0
	Increase intersection capacity at the Route One and Depot Road intersection (add lanes) - separate future TIF project	\$0
	Roadway / Intersection Geometry Subtotal	\$258,269
	SUBTOTAL, TRANSPORTATION	\$874,175
II. UTILITY INFRASTRUCTURE		
	Sewer	
	Raise MH frames and covers to grade - included in Sewer Subtotal	\$0
	Extend sewer pipe and structures approximate 500 lf north of Bucknam Road to provide possible service connection for future development	\$87,459
	Sanitary Sewer Subtotal	\$87,459
	Stormwater Collection & Conveyance	
	Upgrades to existing stormwater system (incl. pipe capacity increases)	\$535,345
	Stormwater Collection & Conveyance Subtotal	\$535,345
	Stormwater Treatment	
	Install roadside edge stormwater treatment systems in esplanade (Waldo's to Bucknam)	\$790,447
	Stormwater Treatment Subtotal	\$790,447
	Water	
	Raise valve boxes to grade and adjust hydrants as necessary for full ROW improvements - cost included below	\$0
	Relocate water mains and services or provide offsets as necessary to accommodate full ROW improvements	\$51,736
	Water Subtotal	\$51,736
	Power / Communications	
	Underground Power entire Length of Project	\$6,192,318
	Power / Communications Subtotal	\$6,192,318
	SUBTOTAL, UTILITIES	\$7,657,305
III. Streetscape		
	Sidewalks	
	Widen sidewalk near Depot Road to allow for sitting areas (included in sidewalk cost)	\$0
	10' wide sidewalks on Route One	\$1,005,242
	5' wide sidewalks west on Bucknam Road, Depot Road, Clearwater Drive, and Fundy Road	\$95,158
	6-9' esplanade from Waldo's to Bucknam (does not include trees and lights)	\$163,412
	Sidewalk Subtotal	\$1,263,812
	Lighting	
	Street and Pedestrian-scaled Lights and banners (cost below for each section):	
	a. Waldo's to Bucknam Road (60' o.c.) plus three 25' High Double Street Lights in median N. of Bucknam (90 o.c.)	\$966,121
	b. Waldo's South - three 25' High Double Street Lights in center median (90 o.c.)	\$43,883
	c. Depot Road, Bucknam Road, and Clearwater Drive (50' o.c.)	\$468,685
	Lighting Subtotal	\$1,478,689
	Landscape - Street Trees 30' o.c., 3" Caliper	
	Esplanade - from Waldo's to Bucknam (incl. some trees on side streets)	\$158,066
	Landscape Subtotal	\$158,066
	Amenities	
	Install bit. conc. pads at strategic bus stops – including benches and a bus shelter	\$27,100
	Bike racks and other amenities in strategic locations	\$7,083
	Amenities Subtotal	\$34,183
	SUBTOTAL, STREETSCAPE	\$2,934,750
Total cost of improvements		\$11,466,230
MDOT PAVING MATCH by TOWN		\$109,000
TOTAL PROJECT COST		\$11,575,230

Note: The cost and installation of a **Natural Gas Main** in Route One for full length of project is by others.

Revised: 4/2/2013

Falmouth Rte One
DRAFT ESTIMATE
3/18/2013

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT COST	COST
201.23	REMOVING SINGLE TREE TOP ONLY	EA	50	\$ 560.00	\$ 28,000.00
201.24	REMOVING STUMP	EA	25	\$ 260.00	\$ 6,500.00
202.01	REMOVING STRUCTURES AND OBSTRUCTIONS	LS	1	\$ 5,000.00	\$ 5,000.00
202.202	REMOVING PAVEMENT SURFACE	SY	5940	\$ 6.60	\$ 39,204.00
203.20	COMMON EXCAVATION	CY	500	\$ 18.25	\$ 9,125.00
203.24	COMMON BORROW	CY	1700	\$ 23.50	\$ 39,950.00
304.09	AGGR BASE CRS - CRUSHED	CY	250	\$ 37.85	\$ 9,462.50
403.209	HOT MIX ASPHALT 9.5 MM (INCIDENTALS)	T	1,600	\$ 167.50	\$ 268,000.00
603.149	10" PVC Pipe	LF	175	\$ 90.00	\$ 15,750.00
603.179	18" Culvert Pipe Opt III	LF	950	\$ 110.00	\$ 104,500.00
603.209	30" Culvert Pipe Option III	LF	70	\$ 200.00	\$ 14,000.00
603.239	48" Culvert Pipe Option III	LF	730	\$ 300.00	\$ 219,000.00
604.072	Catch Basin	EA	8	\$ 3,300.00	\$ 26,400.00
604.0721	Catch Basin with Weir Insert	EA	5	\$ 4,500.00	\$ 22,500.00
604.15	4' Dia. Sanitary Sewer Manhole	EA	5	\$ 3,600.00	\$ 18,000.00
604.15	4' Dia. Drain Manhole	EA	4	\$ 3,600.00	\$ 14,400.00
604.15	4' Dia. Drain Manhole	EA	4	\$ 3,600.00	\$ 14,400.00
604.16	Alter Catch Basin to Manhole	EA	2	\$ 1,200.00	\$ 2,400.00
604.161	Alter/Move Catch Basin	EA	5	\$ 2,000.00	\$ 10,000.00
604.167	Alter Catch Basin Grate to Cascade Grate	EA	40	\$ 650.00	\$ 26,000.00
604.18	Adjust Sewer MH to Grade	EA	15	\$ 700.00	\$ 10,500.00
604.18	Adjust Catch Basin to Grade	EA	29	\$ 700.00	\$ 20,300.00
604.2413	Sidewalk Culvert	EA	3	\$ 2,900.00	\$ 8,700.00
608.081	INTERSECTION NODE PAVEMENT	SY	600	\$ 125.00	\$ 75,000.00
608.15	GRANITE COBBLE - FLUSH MEDIAN	SY	422	\$ 160.00	\$ 67,520.00
608.26	CURB RAMP DETECTABLE WARNING FIELD	SF	300	\$ 64.00	\$ 19,200.00
608.45	CONSTRUCTING SIDEWALK	SY	8620	\$ 30.00	\$ 258,600.00
609.11	VERT CURB TYPE 1	LF	2650	\$ 33.00	\$ 87,450.00
609.12	VERT CURB TYPE 1- CIRCULAR	LF	1275	\$ 44.00	\$ 56,100.00
609.238	TERMINAL CURB TYPE 1 - 8'	EA	118	\$ 303.00	\$ 35,754.00
609.2381	TERMINAL CURB TYPE 1 - 8' CIRCULAR	EA	66	\$ 325.50	\$ 21,483.00
609.34	CURB TYPE 5	LF	1671	\$ 28.25	\$ 47,205.75
609.35	CURB TYPE 5 - CIRCULAR	LF	233	\$ 67.00	\$ 15,611.00
609.38	RESET CURB TYPE 1	LF	250	\$ 22.00	\$ 5,500.00
609.441	CURBING REMOVED AND STACKED	LF	2000	\$ 22.25	\$ 44,500.00
615.07	LOAM	CY	4250	\$ 50.00	\$ 212,500.00
618.1301	SEEDING METHOD NUMBER 1 - PLAN QUANTIT	UN	115	\$ 51.50	\$ 5,922.50
619.1201	MULCH - PLAN QUANTITY	UN	115	\$ 39.50	\$ 4,542.50
621.297	LG DECID TR (4"-4.50" CAL) GP A	EA	176	\$ 750.00	\$ 132,000.00
621.714	SALT TOLERANT PERENNIAL DECORATIVE GRASS - LANDSCAPED MEDIAN	EA	144	\$ 30.00	\$ 4,320.00
621.715	STORMWATER TREATMENT LANDSCAPING	SF	700	\$ 10.00	\$ 7,000.00
627.750	WHITE OR YELLOW PAVEMENT & CURB MARKIN	SF	1000	\$ 2.75	\$ 2,750.00
629.05	HAND LABOR, STRAIGHT TIME	HR	20	\$ 40.30	\$ 806.00
631.10	AIR COMPRESSOR (INC OPERATOR)	HR	10	\$ 55.60	\$ 556.00
631.11	AIR TOOL (INCLUDING OPERATOR)	HR	10	\$ 48.00	\$ 480.00
631.12	ALL-PURPOSE EXC (INC OPERATOR)	HR	5	\$ 135.50	\$ 677.50
631.172	TRUCK-LARGE (INC OPERATOR)	HR	5	\$ 74.75	\$ 373.75
639.19	FIELD OFFICE TYPE B	EA	1	\$ 6,235.00	\$ 6,235.00
641.12	BENCH (8 - 6 ALONG ROUTE ONE, 2 ON BUCKNAM)	EA	8	\$ 1,500.00	\$ 12,000.00
641.34	TRASH RECEPTACLE	EA	10	\$ 575.00	\$ 5,750.00
642.00	BUS SHELTER	LS	1	\$ 10,000.00	\$ 10,000.00
643.80	TRAFFIC SIGNALS AT: CLEARWATER DRIVE incl mast arms, signals, video, ped signals	LS	1	\$ 150,000.00	\$ 150,000.00
643.80	TRAFFIC SIGNALS AT: DEPOT ROAD incl mast arms, signals, video, ped signals	LS	1	\$ 150,000.00	\$ 150,000.00
643.80	TRAFFIC SIGNALS AT: BUCKNAM ROAD incl mast arms, signals, video, ped signals	LS	1	\$ 150,000.00	\$ 150,000.00
643.80	TRAFFIC SIGNALS AT: Pedestrian	LS	1	\$ 15,000.00	\$ 15,000.00
643.90	INTERCONNECT BETWEEN INTERSECTIONS	LS	1	\$ 25,000.00	\$ 25,000.00
645.1061	RELOCATE EXISTING SIGN ASSEMBLY AND POST	LS	1	\$ 20,000.00	\$ 20,000.00
652.33	DRUM	EA	25	\$ 46.75	\$ 1,168.75
652.34	CONE	EA	100	\$ 17.50	\$ 1,750.00
652.35	CONSTRUCTION SIGNS	SF	500	\$ 14.25	\$ 7,125.00
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	CD	120	\$ 283.75	\$ 34,050.00
652.38	FLAGGER	HR	1000	\$ 20.65	\$ 20,650.00
801.17	8" PVC Sanitary Sewer (SDR 35)	LF	500	\$ 85.00	\$ 42,500.00
823.332	Adjust Water Gate Valve Box to Grade	EA	30	\$ 300.00	\$ 9,000.00
824.32	Remove and Reset Hydrant	EA	11	\$ 3,000.00	\$ 33,000.00
920.011	CDS Model 2015-4	EA	4	\$ 10,100.00	\$ 40,400.00
920.012	CDS Model 2020-5	EA	1	\$ 18,900.00	\$ 18,900.00
920.021	Storm Filter Model 6x12 - 14 Cartridges	EA	1	\$ 65,600.00	\$ 65,600.00
920.022	Storm Filter Model 8x11 - 22 Cartridges	EA	1	\$ 86,500.00	\$ 86,500.00
920.023	Storm Filter Model 8x6 - 9 Cartridges	EA	1	\$ 50,400.00	\$ 50,400.00
920.024	Storm Filter Model 8x14 - 30 Cartridges	EA	1	\$ 104,900.00	\$ 104,900.00
920.025	Storm Filter Model 6x12 - 12 Cartridges	EA	1	\$ 60,000.00	\$ 60,000.00
920.031	Landscaped Surface Water Quality Filter 1	LS	1	\$ 10,400.00	\$ 10,400.00
920.032	Landscaped Surface Water Quality Filter 2	LS	1	\$ 12,000.00	\$ 12,000.00

Falmouth Rte One
DRAFT ESTIMATE
3/18/2013

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT COST	COST
920.033	Landscaped Surface Water Quality Filter 3	LS	1	\$ 9,900.00	\$ 9,900.00
920.034	Landscaped Surface Water Quality Filter 4	LS	1	\$ 11,200.00	\$ 11,200.00
920.041	Bucknam Road Filtration Swale 1	LS	1	\$ 37,700.00	\$ 37,700.00
920.042	Bucknam Road Filtration Swale 2	LS	1	\$ 26,900.00	\$ 26,900.00
920.043	Bucknam Road Filtration Swale 3	LS	1	\$ 12,800.00	\$ 12,800.00
920.05	Porous Pavement	SY	125	\$ 100.00	\$ 12,500.00
940.1	Banners (20 x 4 seasons/themes = 80)	EA	80	\$ 60.00	\$ 4,800.00
940.2	Cross-Street Banners (2 @ 200 SF ea)	EA	2	\$ 2,300.00	\$ 4,600.00
	Electrical Estimate	LS	1	\$ 5,027,000.00	\$ 5,027,000.00
	Lighting Estimate	LS	1	\$ 904,000.00	\$ 904,000.00
659.10	MOBILIZATION	LS	1	\$ 646,217.06	\$ 646,217.06
					\$ 9,877,889.31
					Contingency 10% \$ 987,788.93
					\$ 10,865,678.24
					Design 6% \$ 651,940.69
					Subtotal \$ 11,517,618.93
					DOT Paving Match Total \$ 140,000.00
TOTAL					\$ 11,657,618.93