

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