

# FALMOUTH ROUTE ONE INFRASTRUCTURE PROJECT

## Construction Update #27, October 28, 2014

The following information reflects what you're likely to see on Route One in Falmouth in the upcoming seven days. Please note that this is a projection based on the best available information at the time that it was sent and is subject to change due to weather and other variables.

### WORK HOURS:

Work in the Route One Infrastructure Project zone for the remainder of this week and into next will begin at approximately 6:00 a.m. and last until approximately 6:00 p.m. Some paving operations may start slightly earlier and/or last slightly later.

### GENERAL OVERVIEW:

There's a lot of activity in the project zone these days. As we suspected it might, weather last week delayed some of the scheduled activities, but crews are working hard to make up lost time.

Perhaps you wonder when construction will be completed for the winter. That's somewhat indeterminate – though it is fair to say that most major projects by Sargent Corporation scheduled for this year will be at, or nearing, completion by the end of the second week of November. Moulison North, the electrical subcontractor responsible for the duct bank and related projects, currently projects working another week or two beyond that point – likely finishing up around the end of November.

There is a possibility that visible work may continue beyond that point. For example, one or more of the telecommunications companies may choose to begin pulling fiber optic cable through the duct bank before spring. Most of this work, however, is likely to be out of the right-of-way and is unlikely to produce significant impacts to traffic and businesses.

A note on sidewalks: we do expect that sidewalks will receive a finish coat of asphalt by the time we've wrapped up this year. There may be a handful of areas left unpaved or without a second coat – such as in places where existing power poles will ultimately be removed.

### WORK CURRENTLY UNDERWAY:

As of Tuesday, October 28, crews were working on – or have completed – the following:

- Finishing the driveway work at Foreside Tavern/Norway Savings bank shared entrance; sewer work in that area is complete.
- The natural gas pipeline is now approaching the southern end of the project zone. A small amount of button-up work remains.
- Transformer pad installation continues; there are roughly three yet to be installed.
- Mast arm base installation (these bases support the masts and arms for traffic signals) is continuing; three remain.
- The first of the biofilters have been built

### WORK YOU'RE LIKELY TO SEE IN THE UPCOMING SEVEN DAYS:

- Paving – sidewalks and driveway entrances. Some paving on the east side is being managed by contractors of Summit Natural Gas. Work may be expected on driveways and sidewalks on the west side, notably involving areas north of the Falmouth Plaza (anchored by Staples). This includes the vicinity of Olympia Sports, KeyBank, Starbucks and Tripquiptment, continuing north to the Irving convenience store.
- Two duct bank projects remain. One ties in parts of the Shaw's Plaza, in the vicinity of Bath Savings Bank. The other completes the crossing at Bucknam Road.
- Tactile warning strips, which alert the sight-impaired to the presence of a road or driveway crossing, will be delivered later this week and installation will begin. These will be put in place at all road and major driveway crossings. Expect paving that completes access for those in wheelchairs to follow shortly.
- Continued installation of biofilters, which remove petroleum distillates and other pollutants from stormwater runoff. Most of these installations will be on the west side in the upcoming seven days.
- Expect to see significant amounts of curbing work next week.
- You may also see significant sidewalk work on the east side next week.

#### PHOTOGRAPHS:



Looking south across Bucknam Road, we see (from left) a street lighting base; the base for a traffic signal pole, and the massive auger that dug the hole for it. This base was installed on 10/27; the concrete is still curing.



A work crew from Shaw Brothers Construction, contracted by Summit Natural Gas, is laying the gas main into a trench. This is near the southern end of the Route One Redevelopment Project work zone, just north of the intersection with Route 88.



So what does a biofilter look like? Here's a nearly-completed one at the corner of Clearwater Drive, near the Gorham Savings Bank. Ultimately, the pipe will be cut down, the top will be mulched and vegetation will be installed. But there's much more than meets the eye. See below.





A biofilter starts with a rather deep hole, adjacent to a storm drain which collects street runoff. The hole is lined with several layers of geotextile, such as this...



...and several other special fabrics, such as this.





Next, these devices – called underdrains - are installed. They're basically plastic cages that facilitate collection of stormwater. More geotextiles are installed, then a layer of stone, and then a special biofiltration media is packed in. Crushed stone is placed atop this – followed, ultimately, by a layer of hardwood mulch and specially selected plantings. The result is cleaner stormwater runoff and an aesthetically appealing appearance.