

Site Visit Report



100 Grove Street
Worcester, MA 01605
T 508-856-0321
F 508-856-0357
gravesengineering.com

Date: September 13, 2022
Client: Sutton Planning Board
Project: Unified Parkway
Contractor: Walsh Contracting Corp.
Contractor Contact: John Walsh

Prepared By: Olivia Caton
Arrived on site: 8:00 AM
Left site: 9:00 AM
Site Conditions: Damp
Weather: 66°, Raining

Transmitted by:

☒ Mail	☒ E-mail
☐ Hand	☐ Other:
☐ Fax	

Comments:

Graves Engineering, Inc. (GEI) was on-site to observe construction of the road's drainage/stormwater management system. This site visit was conducted throughout the entire site. I observed the following:

General Site:

- Between stations 2+00 and 3+00, the contractor was spreading earth material in lifts of one to two feet between the storage area and right-of-way.
- Between stations 5+00 and 7+00, as well as approximately station 43+00, the contractor was moving earth material outside the right-of-way.
- Between stations 15+50 and 17+00, the contractor was installing ductile iron pipe for the water main.
- Between stations 21+00 and 29+00, the contractor was spreading earth material in approximately one-foot lifts along the left side of the right-of-way.
- Between stations 27+00 to 29+00, the slope along the right side of the right-of-way was experiencing new grass growth.
- Between stations 31+00 and 37+00, the slopes on the right side of the right-of-way were experiencing moderate grass growth.

Drainage:

- Drain Manhole (DMH) 104 and the riser and cover sections of DMH 103 had been installed.
- Catch Basin (CB) 104 had been installed.
- From DMH 102 towards DMH 103, approximately 80 feet of 12-inch reinforced concrete pipe (RCP) had been installed. The first 72 feet of the pipe was backfilled prior to my visit. The contractor backfilled the last 8 feet of the pipe, then compacted the backfill material with a plate compactor. The trench past the end of the pipe was excavated approximately 15 feet, and bedding material consisting of three-quarter-inch crushed stone was placed along the bottom of the trench. An additional 8 feet of pipe was installed in a satisfactory manner.

- The following pipe was installed (outlet control structure = OCS, headwall = HW, flared end section = FES):

From	To	Diameter (inches)	Length (feet)	Material
DMH 1B	OCS 100	18	±104	RCP
DMH 103	DMH 104	12	±240	RCP
Previously Installed Pipe Past HW 3B	FES 3A	15	±75	RCP

- The pipe connections at DMH 102 were sealed with mortar.
- The 8 feet of pipe closest to FES 3A was uncovered, the remaining portion of the pipe was backfilled.
- The pipe between DMH 103 and DMH 104 was partially covered in bedding material.

Stormwater Management Areas:

- Stormwater Management Areas (SWMAs) #2 and #3 had been hydroseeded except for the portion of SWMA #3 northwest of Forebay 3A.

Based upon visual observations only, the work observed today appeared to be consistent with the approved plans.

Action to be Taken:

Client will be notified of this site visit by way of this report.

Copies:

cc: John Walsh; Walsh Contracting Corp.
Matthew Piekarski; The Kraft Group, LLC

Photos:

The following photos were taken during today's site visit.



Photo 1: The contractor installing ductile iron pipe for the water main between stations 15+50 and 17+00.



Photo 2: The contractor installing 8 feet of 12-inch RCP pipe between DMH 102 and DMH 103.



Photo 3: SWMA #3 had been hydroseeded except for the portion northwest of Forebay 3A.