

NPDES Permit Number: MAR12AN23

Project Name: **Roadway Reconstruction**
Project Address: Littleton Road, Route 110
Westford, Massachusetts
Project Proponent: MassDOT/ Town of Westford
CM-002S (433)x
HIS-002S (433)x
STP-002S (433)x
Report Prepared By: Mary Trudeau, Environmental Monitor
Date of Report/Site Visit: Site inspection on **May 1, 2014**

Work on the site has resumed after the winter hiatus. The Contractor began work on the site on or about April 27, 2014. The following chart shows the precipitation for the work week:

April 26, 2014	(0.25 inches)
April 27, 2014	(0.19 inches)
April 29, 2014	(0.01 inches)
April 30, 2014	(0.24 inches)
May 1, 2014	(0.55 inches)

At the time of my visit, the rain had largely ceased. The site was relatively dry, with little standing water noted within the work areas.

Signage, traffic cones and barriers were in place at the date of my visit. Work was largely focused on the southern shoulder of Littleton Road, and included stripping of loam, grading and other work related to the expansion of the pavement widening work. The following photos show the earth work noted on Thursday afternoon:





As can be seen in the photos, above, curbing remains in place and all work this week is located on the shoulder of the roadway. As the site work progresses, driveway entrances off of Littleton Road will also be cut, curbing removed and the new lane graded to allow for paving. Leaving the curb intact has minimized the deposition of silt or sediment on the roadway.

The contractor plans to continue with the road widening activities; moving easterly to install the remaining drainage structures and utility lines within the locus in the next two weeks. Binder paving of both sides of the roadway will be done as the widening, utility

and drainage work is completed. As can be seen in the photos above, utility poles will need to be relocated for the work to continue.

In early November of 2013, the contractor seeded the stormwater management basin located adjacent to the McDonalds parking lot. At my inspection this week, I noted that the seed is beginning to germinate. The slopes appear to have wintered well, and the tackifier has kept the bulk of the sediment on the slope. The following photos show this work area:



Erosion controls at the perimeter of this basin remain intact. There is no work ongoing along the northern shoulder at this time. The following photo shows some of the sediment barriers on the north side of Littleton Road:



As requested by MDOT, the contractor has installed silt sacks within catchbasin grates located in recently disturbed areas. This sediment control measure was requested by Punita Saini on April 29, 2014 and had been installed by the date of my inspection on May 1, 2014.

Based on my inspection May 1, 2014, I believe that the erosion control installation is in accordance with the SWPPP prepared for the project.

Staging of materials is being done from the shoulder of the roadway, and all equipment is being stored in non- jurisdictional areas. At the time of my inspection, the contractor was using staging areas along the northern and southern shoulders of Littleton Road. Temporary storage of earth materials was done within the work areas, but all earth materials will be hauled from the site:



Based on my inspection on November 15, 2013, I believe the site is in compliance with the permits and SWPPP for the site. However, the following Best Management Practices should continue to be performed:

1. Silt sacks should be used on all catchbasin grates when earth work has the potential to generate silt laden flows to a structure;
2. Street scraping and sweeping should be done on a daily basis on paved surfaces adjacent to open work areas;

Mary Trudeau

Mary Trudeau, May 5, 2014
Environmental Monitor for EH Perkins Construction