



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Reading
City/Town

WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40
And the Reading General Bylaw Section 7.1

A. General Information

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

Town of Reading, Department of Public Works

Name

E-Mail Address

16 Lowell Street

Mailing Address

Reading

City/Town

State

Zip Code

781-942-9082

Phone Number

Fax Number (if applicable)

2. Representative (if any):

Firm

Contact Name

E-Mail Address

Mailing Address

City/Town

State

Zip Code

Phone Number

Fax Number (if applicable)

B. Determinations

1. I request the Town of Reading make the following determination(s). Check any that apply:
Conservation Commission

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance** or **bylaw** of:

Town of Reading, MA

Name of Municipality

- e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).



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C. Project Description

1.a. Project Location (use maps and plans to identify the location of the area subject to this request):

Various street (see attached)	Reading
Street Address	City/Town
Various	Various
Assessors Map/Plat Number	Parcel/Lot Number

b. Area Description (use additional paper, if necessary):

See attached

c. Plan and/or Map Reference(s):

Roadway Improvement Areas Requiring Catch Basin Silt Sack Sedimentation Traps	5/4/2020
Title	Date
Title	Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

Roadway resurfacing on various streets in Town. See attached.



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C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

Redevelopment exemption 310CMR 10.58 (5)

Limited Project 310 CMR 10.53 (3)(f)

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



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D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Town of Reading
Name
16 Lowell Street
Mailing Address
Reading
City/Town
MA
State
01867
Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

Signature of Applicant _____ Date _____

Signature of Representative (if any) _____ Date _____

Memo

To: Charles Tirone, Conservation Administrator
Cc: Conservation Commission
From: Ryan Percival, P.E., Town Engineer
Date: May 4, 2020
Re: RDA - Reading Roadway Maintenance

The Town of Reading Engineering Division is requesting a Request for Determination of Applicability (RDA) for its roadway maintenance project for the spring / summer of 2020. The project will result in the resurfacing of 10 roadways or sections of roadways consisting of approximately 2.1 miles. The proposed work improves the surfaces of the roadways and does not include any widening, provide for drainage installation or result in any increases of impervious area.

Projects for this type of work are eligible for an exemption under 310 CMR 10.53 (3)(F) “ Limited Project” :

(f) Maintenance and improvement of existing public roadways, but limited to widening less than a single lane, adding shoulders, correcting substandard intersections, and improving inadequate drainage systems.

and 310 CMR 10.58 (5) Redevelopment:

(5) Redevelopment Within Previously Developed Riverfront Areas; Restoration and Mitigation. Notwithstanding the provisions of 310 CMR 10.58(4)(c) and (d), the issuing authority may allow work to redevelop a previously developed riverfront area, provided the proposed work improves existing conditions. Redevelopment means replacement, rehabilitation or expansion of existing structures, improvement of existing roads, or reuse of degraded or previously developed areas.

A complete list of the roadways to be resurfaced and the type of treatment planned is included in Appendix A. Under the maintenance project only portions of the limits of work for (2) two roadways or sections of roadways (identified on attached Town map dated May 4, 2020) fall within the 100 foot buffer zone or 200 foot river front protection area.

The roadways will receive one of two (2) types of surface improvement; mill and overlay or pavement reclamation. The level of work for each treatment type is described below.

During the project the Town and its Contractor will implement construction related best management practices (BMP) to insure protection of the resource areas from sedimentation and erosion during construction activities.

As each type of roadway maintenance treatment utilized will govern the appropriate BMP, it is anticipated that the Town will employ the following BMP's when applicable:

- Straw Wattles – at edge of the work area, a minimum of 50 feet beyond the limits of the buffer zone
- Catch Basin Protection
 - Filter fabric placed in all catch basins at a minimum
 - Silt sacks with gutter inlet protection installed anywhere the roadway being resurfaced falls within 200 feet of any waterway or resource area (see attached plan)
- Catch Basin and/or Structure Cleaning
- Drainage Discharge Controls – sedimentation protect at direct discharges to resource areas
- Street Sweeping
- Dust Control

In addition to the planned resurfacing work, the project will also repair deteriorated catch basins, remove any observed sewer\drainage cross connections and provide re-seeding along roadway edges. As per contract requirements, all loaming and seeding shall be completed by the contractor within two (2) weeks after the final paving of the roadway has been completed. While extensive drainage improvements are not funded under the pavement maintenance program the Town expends \$30,000 to \$50,000 per year under its stormwater enterprise division rehabilitating catch basins and providing improvements to stormwater systems in compliance with its NPDES general permit.

The Engineering Division requests that the Conservation Commission relinquish authority to the Conservation Administrator under this RDA, in determining placement of all BMP's, as well as addressing any change to either the list of streets or method of treatment for each location, as may be required.

Treatment Types and Locations:

MILL AND OVERLAY

Project Location:

The Town will be milling and overlaying (3) three roads or sections of roads during the spring and summer of 2020. Of those (3) six roads, (1) one of them fall either within the 100 foot wetland buffer zone or 200 foot riverfront protection area. Those streets include:

1. John Carver Road (Hartshorn St. to Priscilla Rd.)
2. Mill Street (Sanborn Lane to Town Line.)
3. Vine Street (Mineral St. to Hunt St.)

Work Description:

Milling (also known as cold planing) and overlaying a road consists of grinding off the existing travel way and then applying a bituminous concrete surface over the remaining under-laying surface. The thickness of the bituminous concrete is approximately 2". The work shall consist of the following: grinding off the existing surface; sweeping the street; repairing any older trenches or deficient pavement areas by cutting out the areas and repaving those portions; replacing any worn or damaged manhole frames and covers or catch basin frames and grates; repairing any catch basins or manholes whose top couple layers of bricks may have deteriorated over the years; sealing the cracks; sweeping the street; applying the bituminous concrete material to the road; and replacing all traffic markings.

RECLAMATION

Project Location:

The Town will be reclaiming (8) eight roads or sections of roads during the spring and summer of 2020. Of those (8) eight roads, only (1) one of them fall within the 100 foot wetland buffer zone or 200 foot river protection area. Those streets include:

1. Bainbridge Road (Wakefield St. to end)
2. Catherine Avenue (West St. to end)
3. Cottage Park (Catherine Ave. to end)
4. Glenmere Circle (Winslow Rd. to Winslow Rd.)
5. Mill Street (Main St. to Sanborn Lane)
6. Selfridge Road (West St. to Cottage Park)

7. Wakefield Street (Haverhill St. to Charles St.)
8. Winslow Road (West St. to Glenmere Cir.)

Work Description:

Reclamation is the process of scarifying and pulverizing the in-place asphalt pavement and underlying material, mixing and/or blending the material and then grading and compacting the resultant mixture to the lines and grades as established by the Town. The gravel will then receive two layers of bituminous concrete. The thickness of the first layer (base layer) of bituminous concrete is approximately 3.0" to 3.5". The thickness of the second layer (top course) of bituminous concrete is approximately 1.5". The work shall consist of the following: lowering and plating all manholes and utility shutoff gates within the work limits (note, the catch basins do remain at grade); reclaiming the existing surface; grading and compacting the resultant gravel surface; apply bituminous concrete base course to the road; adjust all manholes, catch basins, and utility shutoff gates to finish grade; apply bituminous concrete top course to the road; apply bituminous concrete to any driveway entrances that may need to match to the new road; remove all spoils from the edge of the roads; loam and seed the disturbed areas; and replace all traffic markings.