

**NOTICE OF PUBLIC MEETING
SUDBURY CONSERVATION COMMISSION**
Monday, October 17, 2022 at 6:45 PM
Virtual Meeting

The Sudbury Conservation Commission will hold a public meeting to review the Request for Determination of Applicability filing under the Wetlands Protection Act and the Sudbury Wetlands Administration Bylaw to replace, rebuild, and install new drainage and associated structures within the 100-foot Buffer Zone, 200-foot Riverfront Area, and 100-year Floodplain at Peakham Road and within the 100-foot Buffer Zone at Concord Road, in Sudbury, MA. Dan Nason, DPW Director, Applicant. The meeting will be held on Monday, October 17, 2022 at 6:45 pm, via Zoom.

Copies of the application may be reviewed on the Conservation Department web page at:

<https://sudbury.ma.us/conservationcommission/meeting/conservation-commission-meeting-monday-october-17-2022/>

Please contact the Conservation Office with any questions at 978-440-5470.

SUDBURY CONSERVATION COMMISSION
10/5/2022



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

Sudbury

City/Town

WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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:

Daniel Nason

Name

nasond@sudbury.ma.us

E-Mail Address

275 Old Lancaster Road

Mailing Address

Sudbury

City/Town

MA

State

01776

Zip Code

978-443-2209

Phone Number

NA

Fax Number (if applicable)

2. Representative (if any):

Woodard & Curran

Firm

Scott Salvucci

Contact Name

ssalvucci@woodardcurran.com

E-Mail Address

250 Royall Street, Suite 200E

Mailing Address

Canton

City/Town

MA

State

02021

Zip Code

781-613-0311

Phone Number

NA

Fax Number (if applicable)

B. Determinations

1. I request the Sudbury 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 Sudbury

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):

Peakham Road and Concord Road

Street Address

Sudbury

City/Town

Various-refer to Project Map book

Assessors Map/Plat Number

Various

Parcel/Lot Number

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

Refer to Figure 1 - Site Location Map. The proposed project includes drainage improvements along Peakham Road and Concord Road. Refer to Figure 2 - Peakham Road Markup and Figure 3 - Goodman's Hill Road Markup for the locations of culverts along the Peakham Road and Concord Road.

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

Figure 1 - Site Location Map

Title

September 2022

Date

Figure 2 - Peakham Road Markup

Title

September 2022

Date

Figure 3 - Goodman's Hill Road Markup

Title

March 2022

Date

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

The project proposes to replace existing deteriorated storm drain pipe of varying material on Peakham Road and Concord Road with new storm drain pipe of the same nominal diameter. Existing drainage structures may be repaired or replaced, as determined by the Owner's field engineer. There are existing culverts that run through existing drainage structures on both Peakham Road and Concord Road. Work within Old Lancaster is also anticipated to incorporate a new deep sump catch basin and new HDPE storm drain pipe intended to tie into an existing catch basin on Peakham Road. The Work on Peakham Road consists of replacement of storm drain pipe, repair and/or replacement of existing drainage structures, the addition of a two new manholes within the right-of-way, as indicated on the Peakham Road Markup. The proposed manholes are intended to take the existing catch basins offline prior to discharging to Hop Brook. The existing inlet located adjacent to the guardrail terminal end will be converted into a drainage manhole and relocated approximately 15 feet west of its original location. The earthen berm behind the guardrail shall be cut down 18-inches over 4 feet to create a spillway which will overland flow into the brook, as shown in the Peakham Road Markups. The spillway shall be lined with filter fabric and rip rap. Pipes and structures outside of the right-of-way will not be considered for replacement as part of this Work. The catch basins in need of replacement will incorporate deep sumps, as applicable, to reduce the amount of silt being discharged at the outfalls. The Work on Concord Road consists of rebuilding an inline drainage inlet structure. Dig safe marks confirmed the location of the 115kV transmission main would conflict with the installation of a new deep sump catch basin upgradient of the existing inlet. therefore the existing inline inlet shall remain.



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C. Project Description (cont.)

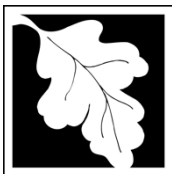
b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

No work is proposed to occur inside of areas specified in 310 CMR 10.02(1)(a-f) under this project. The extent of pipe replacement will be limited to existing storm drain within the right-of-way. The extent of the structure replacement will also be limited to existing storm drain structures within the right-of-way. A new deep sump catch basin is proposed under this project and intended to be installed upgradient of the existing inlet which ties directly into the culvert. The addition of this deep sump will take the existing inlet offline and reduce the amount of silt discharging into the stream.

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 Sudbury Department of Public Works

Name

275 Old Lancaster Road

Mailing Address

Sudbury

City/Town

MA

State

01776

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

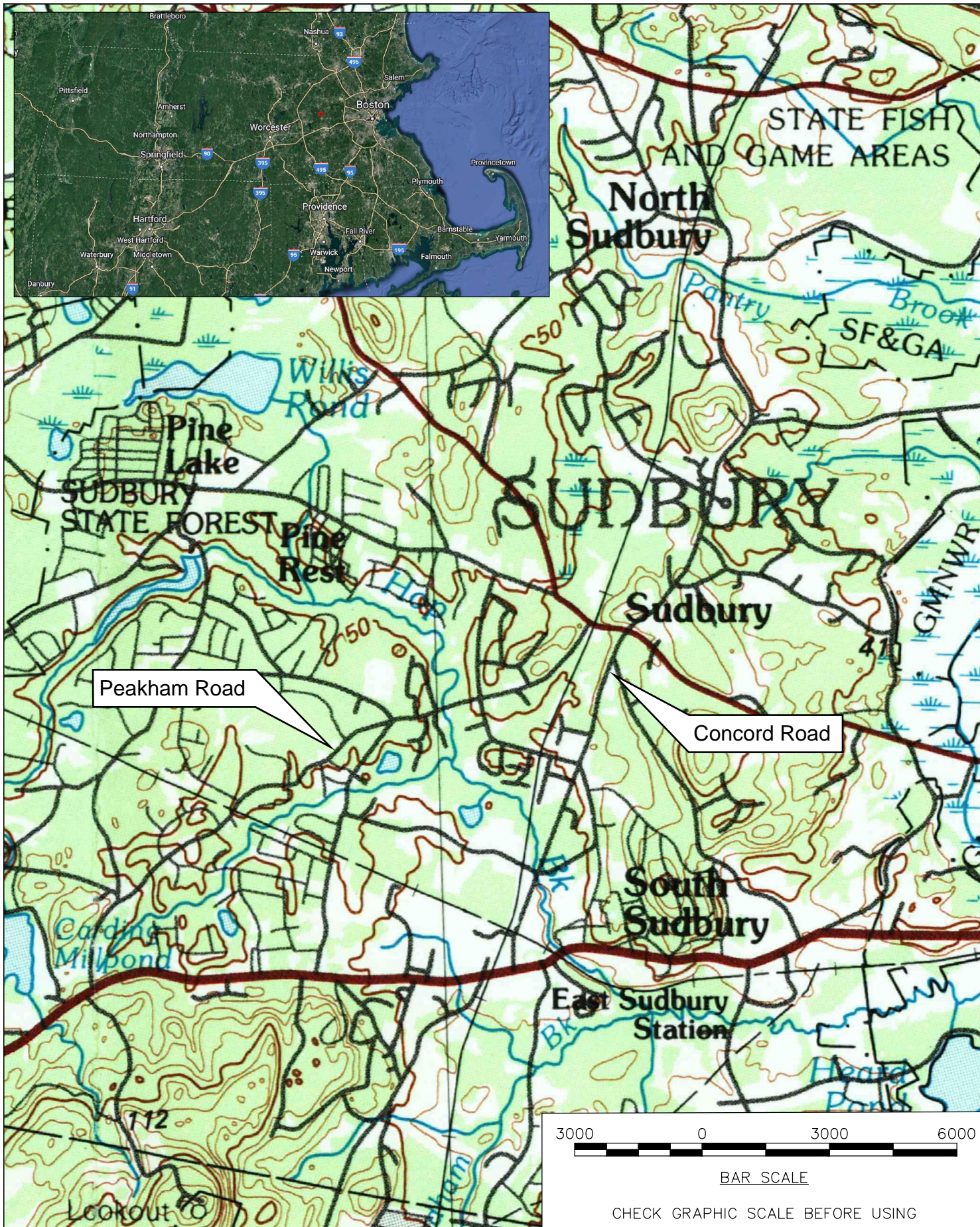
10/3/2022

Date

Signature of Representative (if any)

9/28/2022

Date



\\woodardcurran.net\shared\projects\0233335.00 sudbury ma drainage improvements\wip\drawings\civil\0233335.00-figure 1-site location map


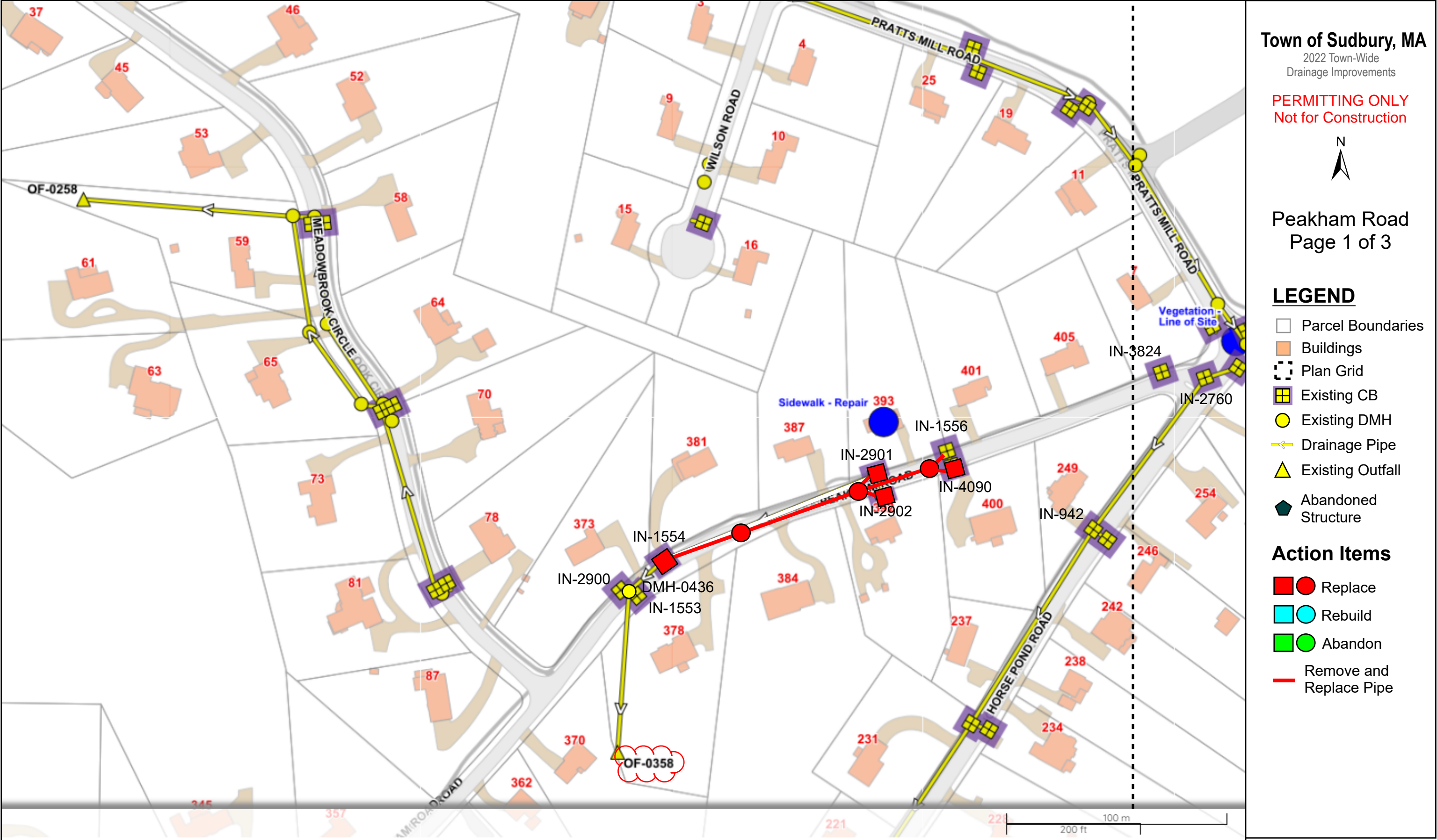
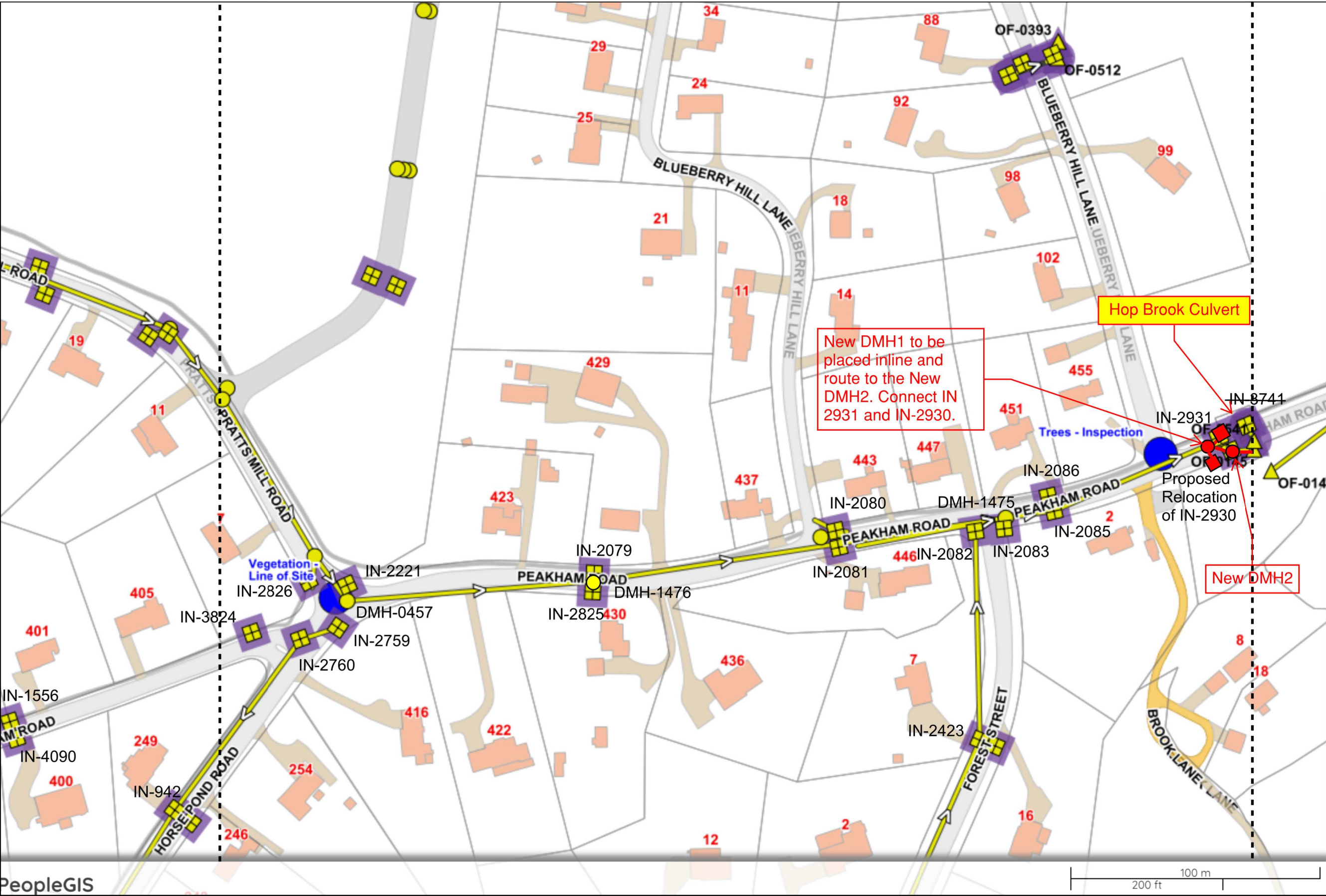
 <p>Woodard & Curran</p>	<p>Client Info:</p> <p>TOWN OF SUDBURY</p>	<p>Job No: 0233335.00 Date: SEPT 2022 Scale: 1" = 3000' Des by: CJ Drn by: CJ Chk by: JC,SS</p>	<p>Drawing Title</p> <p>FIGURE 1 - SITE LOCATION MAP</p>	<p>Drawing Number</p> <p>1</p>
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Figure 2 - Peakham Road Markup





PERMITTING ONLY
Not for Construction

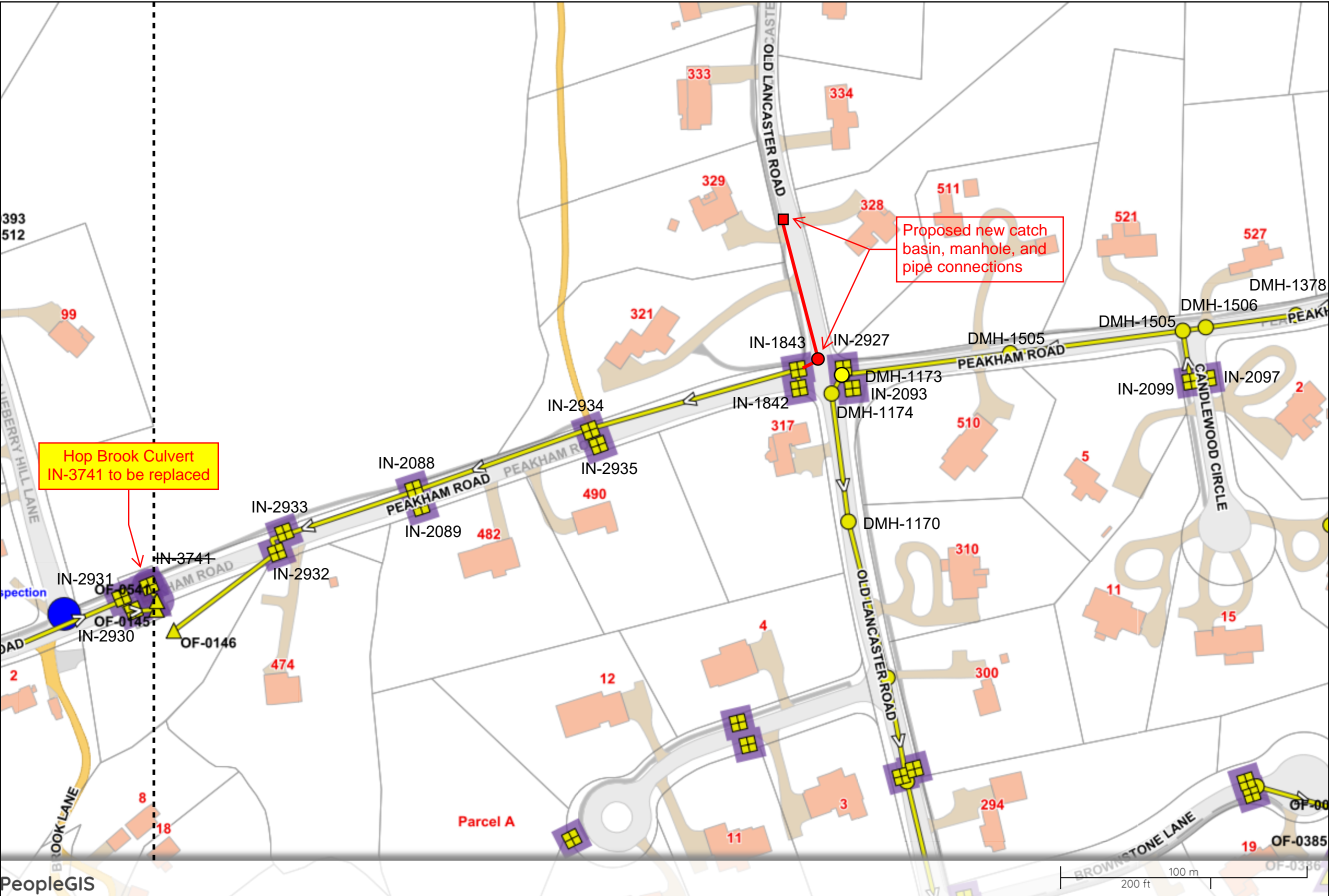


LEGEND

- Parcel Boundaries
- Buildings
- Plan Grid
- Existing CB
- Existing DMH
- Drainage Pipe
- Existing Outfall
- Abandoned Structure

Action Items

- Replace
- Rebuild
- Abandon
- Remove and Replace Pipe



Town of Sudbury, MA
2022 Town-Wide
Drainage Improvements

PERMITTING ONLY
Not for Construction



Peakham Road
Page 2 of 3

LEGEND

- Parcel Boundaries
- Buildings
- Plan Grid
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- Existing DMH
- Drainage Pipe
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Action Items

- Replace
- Rebuild
- Abandon
- Remove and Replace Pipe

Figure 3 - Goodman's Hill Road Markup



Legend

Drain Manholes

- Existing (blue circle)
- Abandoned (red circle)

Catch Basins

- Existing (blue square)
- Abandoned (red square)

- Drain to be Removed & Replaced (red line)
- Drain Pipe (blue line)
- Culvert (green line)

0 25 50 100 US Feet



Project #: 0233335.00
Map Created: February 2022

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. **Data Sources:**

Culvert for Hop Brook Tributary from Cricket Pond
IN-3723 to be replaced with a larger DMH

Rebuild IN-3723