

**NOTICE OF PUBLIC MEETING
SUDBURY CONSERVATION COMMISSION**

The Sudbury Conservation Commission will hold a public meeting to review the Request for Determination of Applicability filing, under the Wetlands Protection Act and Town Wetlands Bylaw, to repair and/or replace drainage pipes and structures within Pratts Mill Road and Goodman's Hill Road, Sudbury, MA. Town of Sudbury, Department of Public Works, Applicant. The meeting will be held on Monday, March 28, 2022, at 6:45 pm, via remote participation.

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

<https://sudbury.ma.us/conservationcommission/meeting/conservation-commission-meeting-monday-march-28-2022/>

SUDBURY CONSERVATION COMMISSION
March 15, 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:

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):

Goodman's Hill 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 and Project Map Book. The proposed project includes drainage improvements along Goodman's Hill Road and Pratt's Mill Road.

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

Figure 1 - Site Location Map

Title

March 2022

Date

2022 Town-Wide Drainage Improvements Project Map Book

Title

March 2022

Date

Title

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 Goodman's Hill Road and Pratt's Mill Road with new storm drain pipe of the same nominal inside diameter. Existing drainage structures (catch basins and drain manholes) may be repaired or replaced as determined by the Owner's field engineer. Most of the work will take place within existing paved roadway areas. Certain drain pipes within the road right-of-way discharge to outfall structures inside Town right-of-way or within drainage easements owned by the Town. As replacement work proceeds, the Owner's field engineer may determine that some or all of the outfall pipes require replacement. During construction, pipes leading to Outfalls 1-4 as shown on the Project Map Book may be removed and replaced. Replacement of pipe leading to outfalls is expected only on Goodman's Hill Road.



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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 outfall structures. No expansion of the existing storm drainage system is proposed under this project. Repairs to outfall structures are proposed to be limited to concrete refurbishment (e.g. repair of cracked or spalled concrete) or other repairs of a similar nature.

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

3/14/2022

Date

Signature of Representative (if any)

3/14/2022

Date

2022 Town-Wide Drainage Improvements Project Map Book

Town of Sudbury, MA

2022 Town-Wide
Drainage Improvements

DRAFT
Not for Construction

N

Cover Sheet

Overview Map and
General
Construction Notes

Begin
Mill and
Overlay
(Bid
Alternate
A Only)

Pratt's Mill Road

End Mill and Overlay
(Bid Alternate A Only)

Goodman's Hill Road

East Sudbury
Station

Tippling
Rock

General Construction Notes:

1. The layout of all drainage infrastructure shown herein was compiled from available record drawings, GIS data, and field inspection data, and is schematic only. Certain catch basins and/or drain manholes may be paved over or not present in the field. Certain catch basins shown may be isolated leaching basins not connected to the rest of the drainage network. Certain pipe connections shown were assumed based on available data and may not be present in the field. Additional drain pipe connections or structures not shown may be present. Contractor shall investigate existing conditions and field verify all locations and lengths of drain pipe to be replaced prior to ordering materials. Do not install new pipe to connect existing isolated leaching basins to the drainage network without separate written permission from the Owner, even if isolated structures are shown herein as connected to the drainage network.
2. Coordinate construction activity with utility companies, emergency services, and Town. Contractor shall notify all utilities prior to commencing work, allowing sufficient time to locate and mark the location of buried utilities. Contractor shall contact Dig Safe, telephone 811, prior to construction. Subsurface utilities, including but not limited to water, electrical, and gas utilities, are present within Goodman's Hill Road and Pratt's Mill Road. Damage to subsurface water, gas, or any other subsurface utilities shall be repaired at Contractor's expense.
3. A subsurface 115 kV Electrical Conduit is present within Goodman's Hill Road. Vacuum excavation methods are required per owner of the electrical conduit (Eversource) for work within 3 feet of the Electrical Conduit. Owner of the Electrical Conduit may impose other special requirements for work in close proximity to the Electrical Conduit. Refer to available record drawings. Damage to the Electrical Conduit shall be repaired at Contractor's expense.
4. Terminate drain replacement work at the limits of Town right-of-way. No work shall take place on private property without prior written permission from the Owner. Contractor shall provide all necessary fittings, tees, transitions, and appurtenances necessary to facilitate completion of work, including connections to existing pipe/structures.
5. Contractor shall remove and legally dispose of all drain pipe to be replaced. New replacement drain pipe shall be installed at the same grade, alignment, and size as the existing pipe. The material of new replacement drain pipe shall be High Density Polyethylene (HDPE). If less than 2 feet of cover above crown of pipe is anticipated, or if directed by the engineer, Ductile Iron (DI) shall be substituted for HDPE pipe.
6. Drain pipe replacement work is expected to take place during dry weather conditions. Complete installation and connection of replacement drain pipe between drainage structures at the end of each working day to preserve connectivity of municipal drainage network. Contractor shall provide flood control measures, including but not limited to bypass pumping and temporary piping/stormwater diversions, to protect ongoing work and surrounding areas on public and private property from flooding and erosion in case of a storm event. Provision of flood control measures shall be considered incidental to mobilization/demobilization, and separate payment for flood control measures will not be made.
7. Ephraim Curtis Middle School is located on Pratt's Mill Road. Work shall not take place on Pratt's Mill Road until after the end of the school year. End of school year is anticipated on June 27th, 2022.
8. Bid Alternate A to this project includes all materials and labor necessary to provide 1 1/2-inch pavement milling & overlay with 1 1/2-inch surface course pavement and restoration of existing pavement markings on Pratt's Mill Road between Dutton Road and Peakham Road only. Maintain existing pavement width and existing grading and drainage patterns. Provide flush transitions to existing pavement.

Outfall 4

Outfall 3

Outfall 2

Outfall 1

Legend

- Drain to be Removed & Replaced
- - - Drain Pipe
- ▭ Plan Grid
- ▭ MassGIS Property Lines

0 300 600 1,200
US Feet



Project #: 0233335.00
Map Created: March 2022

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Sources: Esri, Airbus DS, USGS, NOAA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NIMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, Esri-Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

Town of Sudbury, MA

2022 Town-Wide
Drainage Improvements

DRAFT
Not for Construction

N



Pratt's Mill Road
Page 1 of 16

Legend

Drain Manholes

- Existing
- Abandoned

Catch Basins

- Existing
- Abandoned
- Drain to be Removed & Replaced
- Drain Pipe

- MassGIS Property Lines
- Plan Grid

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0 25 50 100 US Feet



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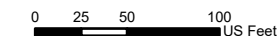
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Pratt's Mill Road
Page 2 of 16

Drain Manholes

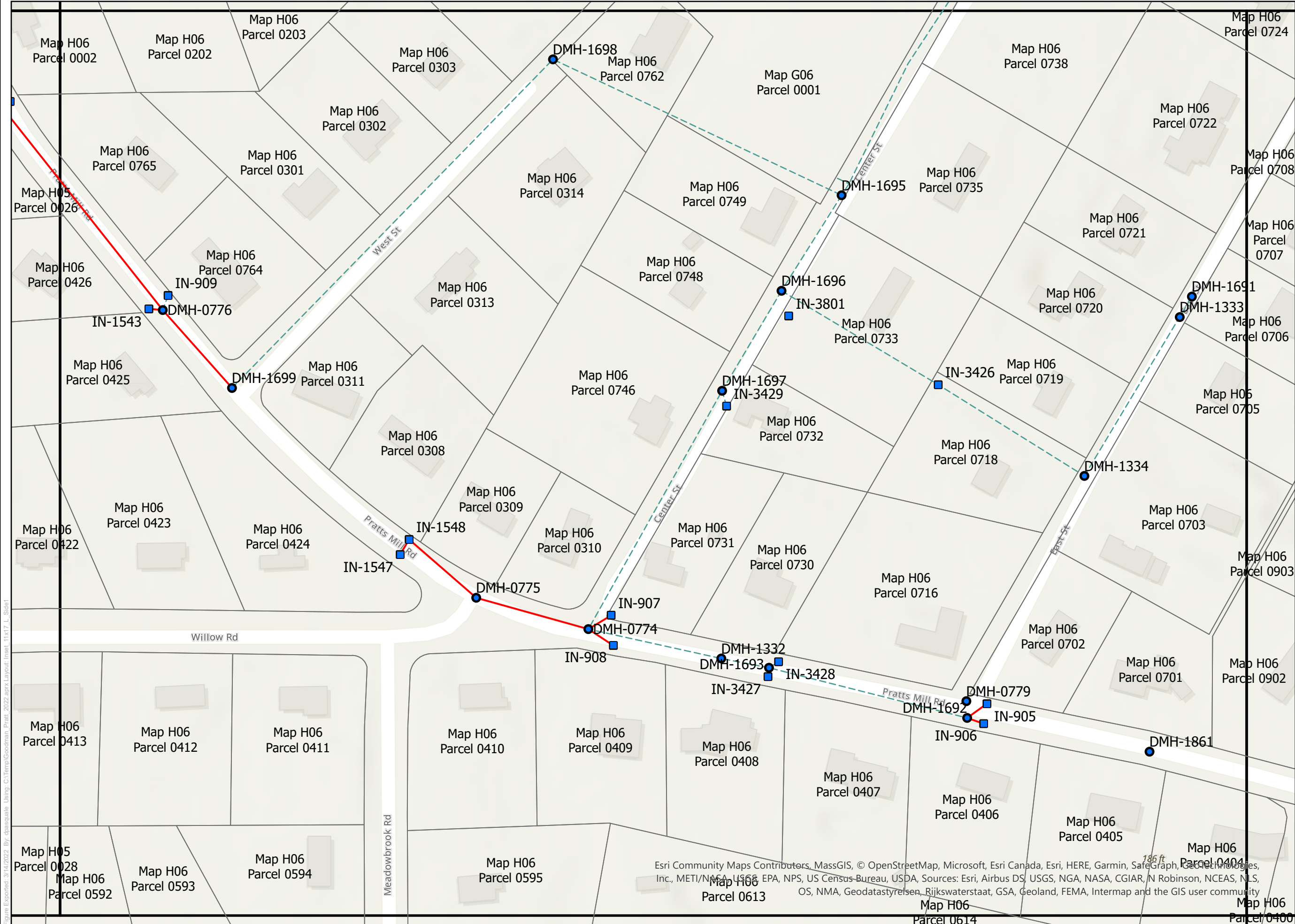
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Town of Sudbury, MA

2022 Town-Wide
Drainage Improvements

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Not for Construction

N

Pratt's Mill Road

Page 3 of 16

Legend

Drain Manholes

- Existing
- Abandoned

Catch Basins

- Existing
- Abandoned

- Drain to be Removed & Replaced
- Drain Pipe
- MassGIS Property Lines
- Plan Grid

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0 25 50 100 US Feet

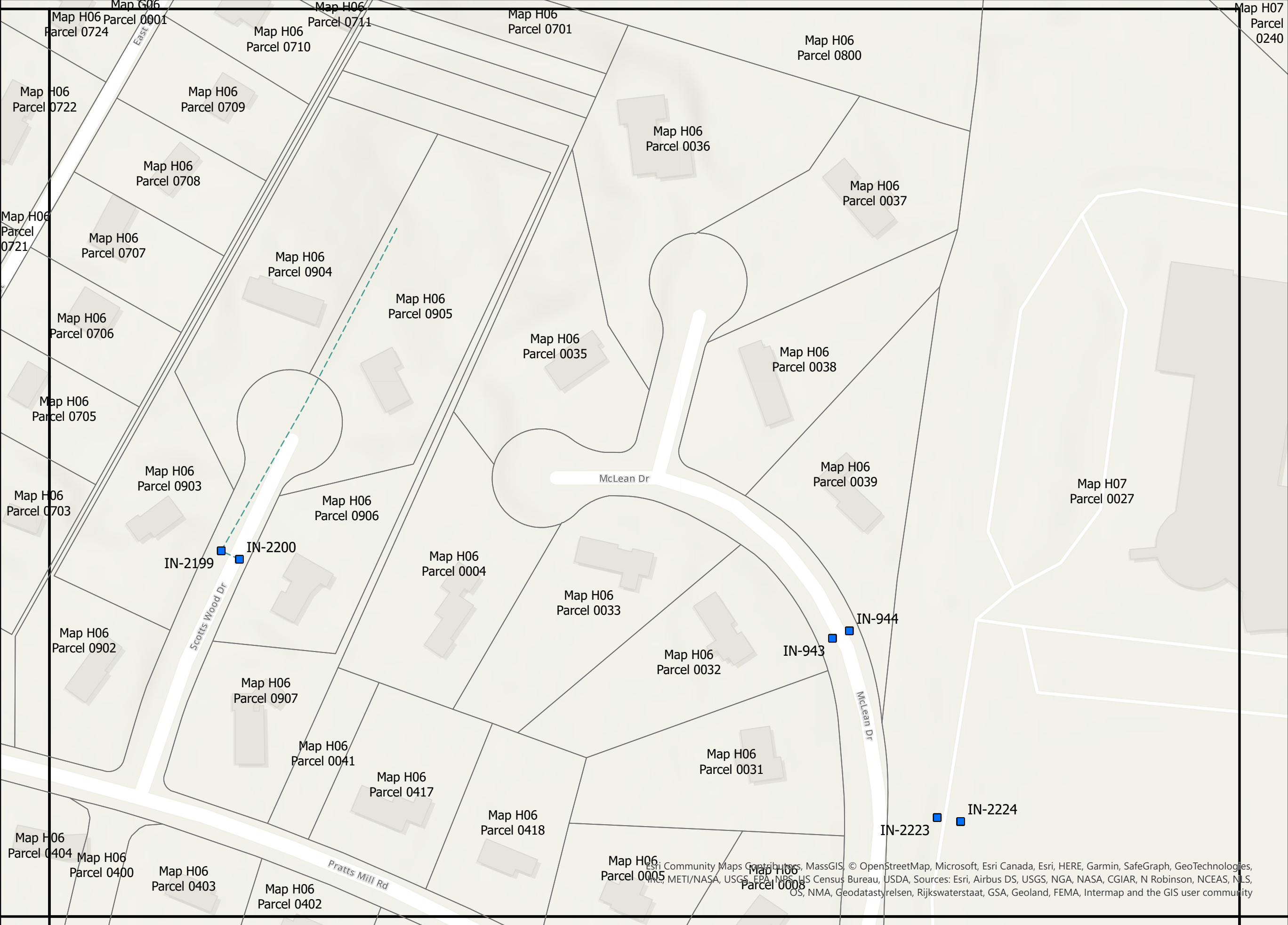
WOODARD & CURRAN

Project #: 0233335.00
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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 (dashed green line)

MassGIS Property Lines (thin white line)

Plan Grid (black rectangle)

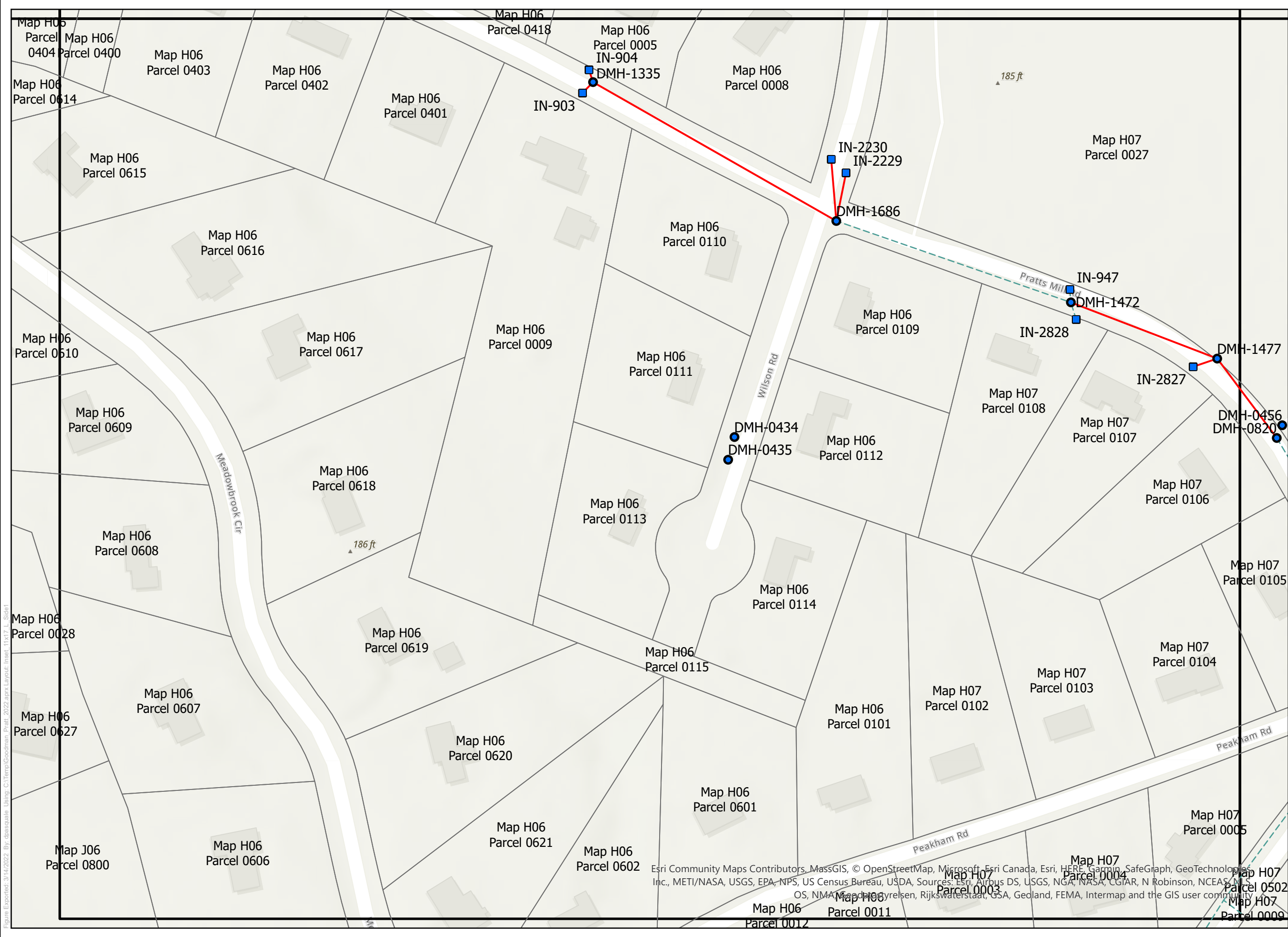
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Legend

Drain Manholes

- Existing (blue circle with black dot)
- Abandoned (red circle with black dot)

Catch Basins

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

— Drain to be Removed & Replaced (red line)

- - - Drain Pipe (dashed green line)

□ MassGIS Property Lines (thin grey line)

▭ Plan Grid (thick black line)

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Town of Sudbury, MA

2022 Town-Wide
Drainage Improvements

DRAFT
Not for Construction

N



Pratt's Mill Road
Page 6 of 16

Legend

Drain Manholes

- Existing
- Abandoned

Catch Basins

- Existing
- Abandoned

- Drain to be Removed & Replaced
- Drain Pipe
- MassGIS Property Lines
- Plan Grid

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0 25 50 100 US Feet



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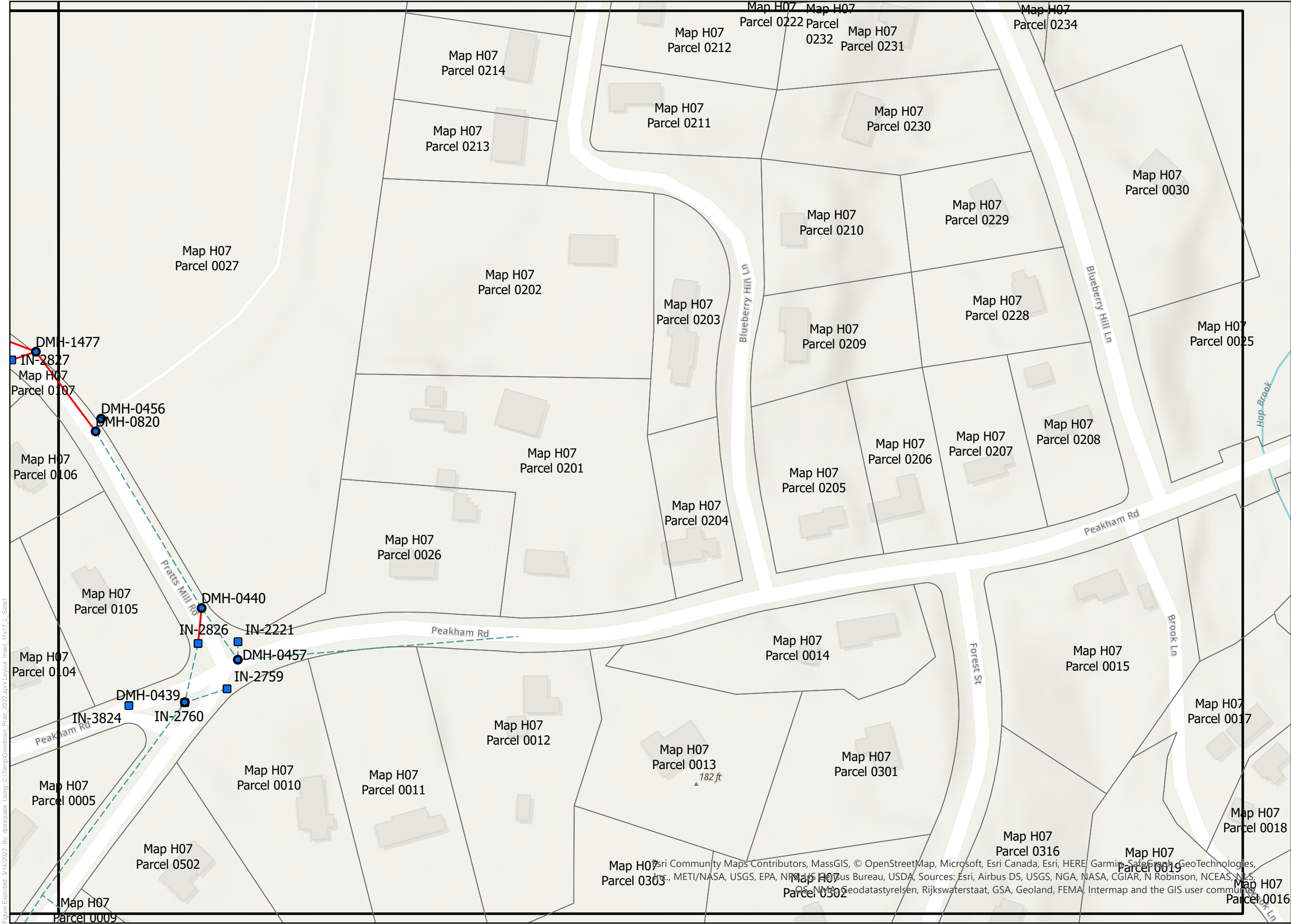
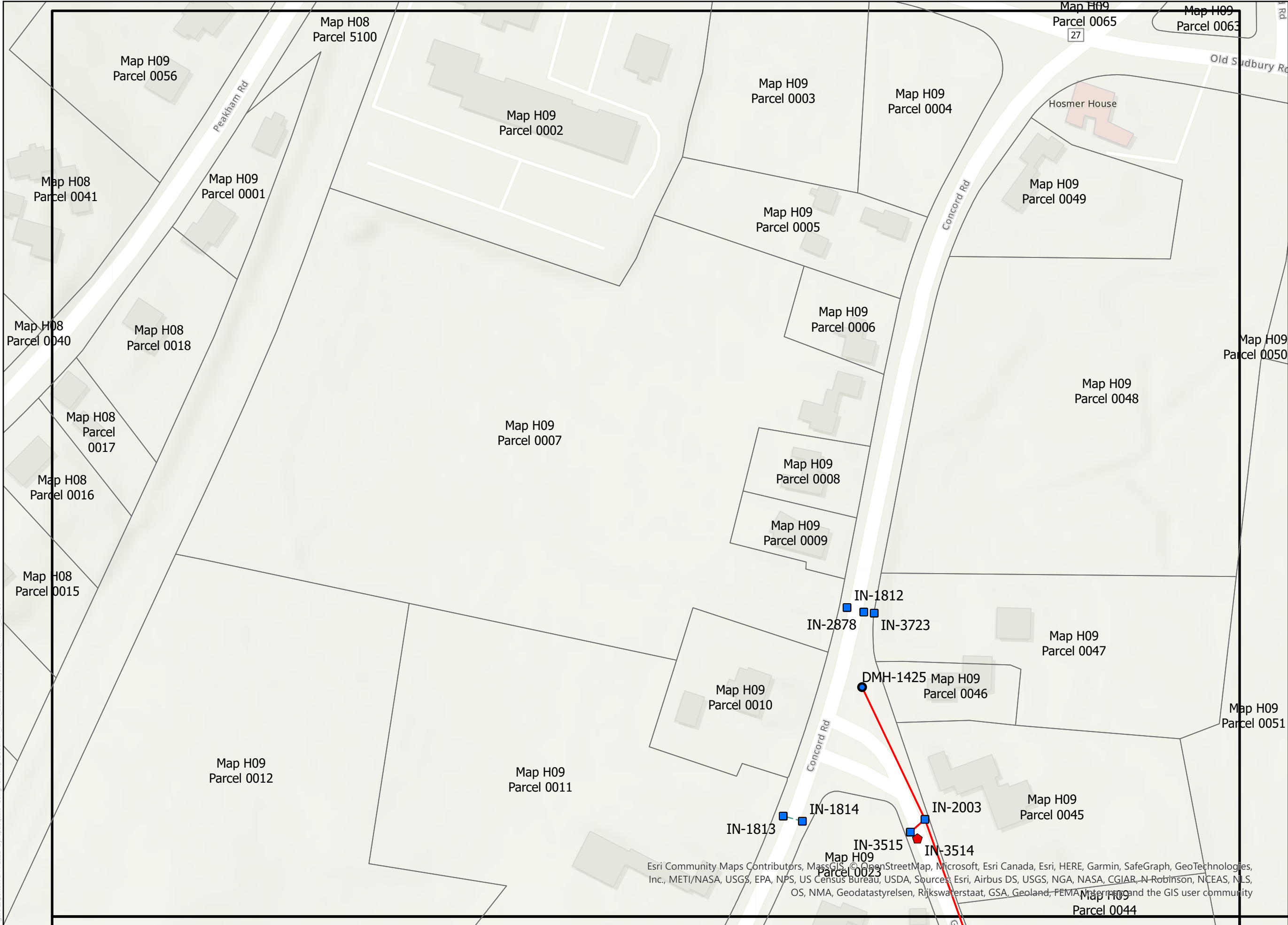


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Town of Sudbury, MA

2022 Town-Wide
Drainage Improvements

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Not for Construction

Goodman's Hill Road

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Legend

Drain Manholes

- Existing (blue circle with dot)
- Abandoned (red octagon)

Catch Basins

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

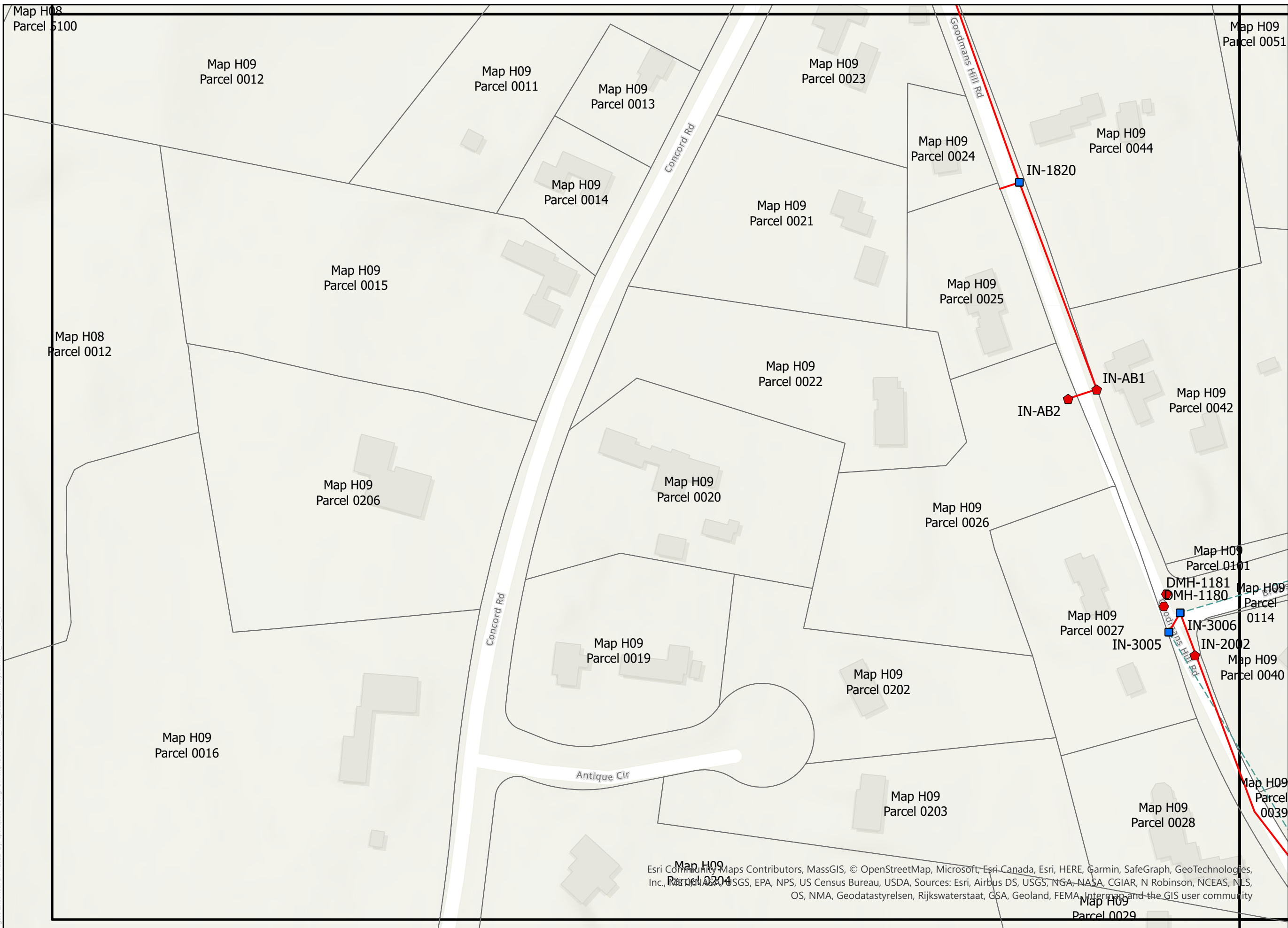
- Drain to be Removed & Replaced (red line)
- Drain Pipe (dashed blue line)
- MassGIS Property Lines (thin grey line)
- Plan Grid (thick black line)

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Town of Sudbury, MA

2022 Town-Wide
Drainage Improvements

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N

Goodman's Hill Road

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Legend

Drain Manholes

Existing

Abandoned

Catch Basins

Existing

Abandoned

Drain to be Removed & Replaced

Drain Pipe

MassGIS Property Lines

Plan Grid

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02550100

US Feet

WOODARD & CURRAN

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☐ Plan Grid

0 25 50 100 US Feet



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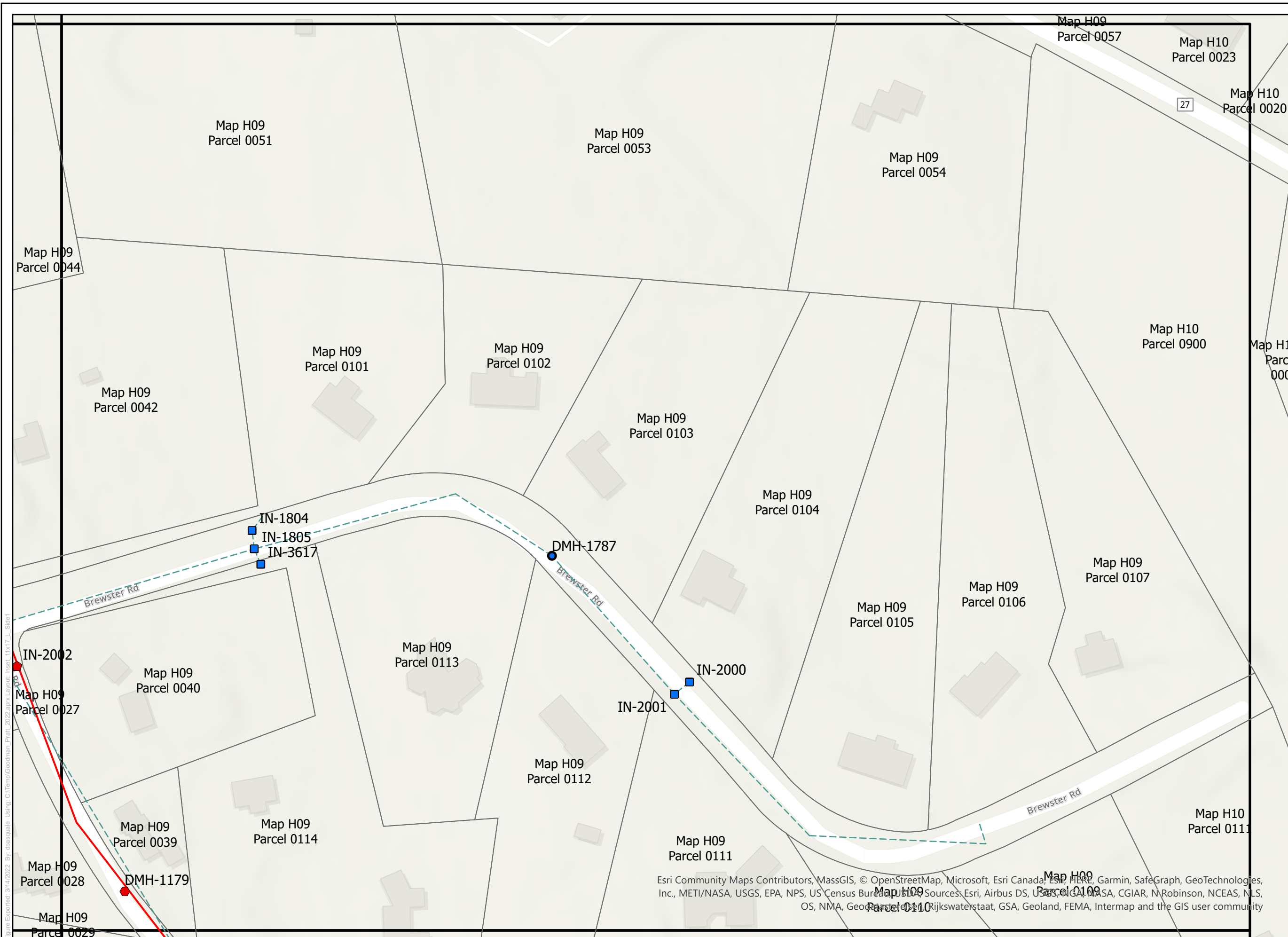
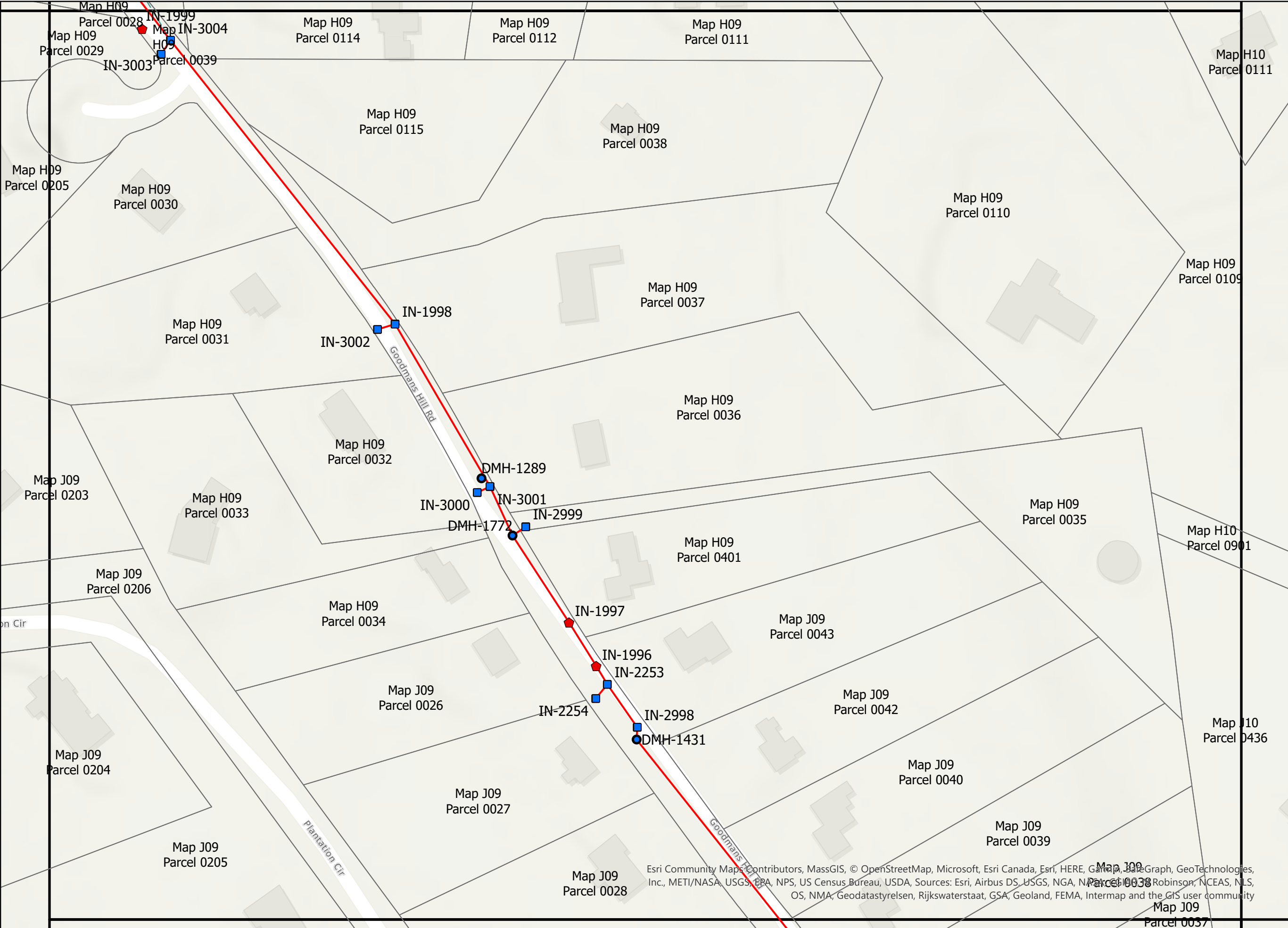


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Town of Sudbury, MA

2022 Town-Wide
Drainage Improvements

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Not for Construction



Goodman's Hill Road
Page 10 of 16

Legend

Drain Manholes

- Existing (Blue circle with dot)
- Abandoned (Red hexagon)

Catch Basins

- Existing (Blue square)
- Abandoned (Red pentagon)

- Drain to be Removed & Replaced (Red line)
- Drain Pipe (Blue dashed line)
- MassGIS Property Lines (Thin grey line)
- Plan Grid (Thick black line)

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2022 Town-Wide
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N



Goodman's Hill Road

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Legend

Drain Manholes

- Existing
- Abandoned

Catch Basins

- Existing
- Abandoned

- Drain to be Removed & Replaced
- Drain Pipe
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- Plan Grid

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0 25 50 100 US Feet



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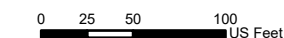
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Drain Manholes

- Catch Basins**
- Existing
 - Abandoned
- Drain**
- Drain to be Removed & Replaced
 - Drain Pipe
- MassGIS Property Lines**
- Plan Grid**

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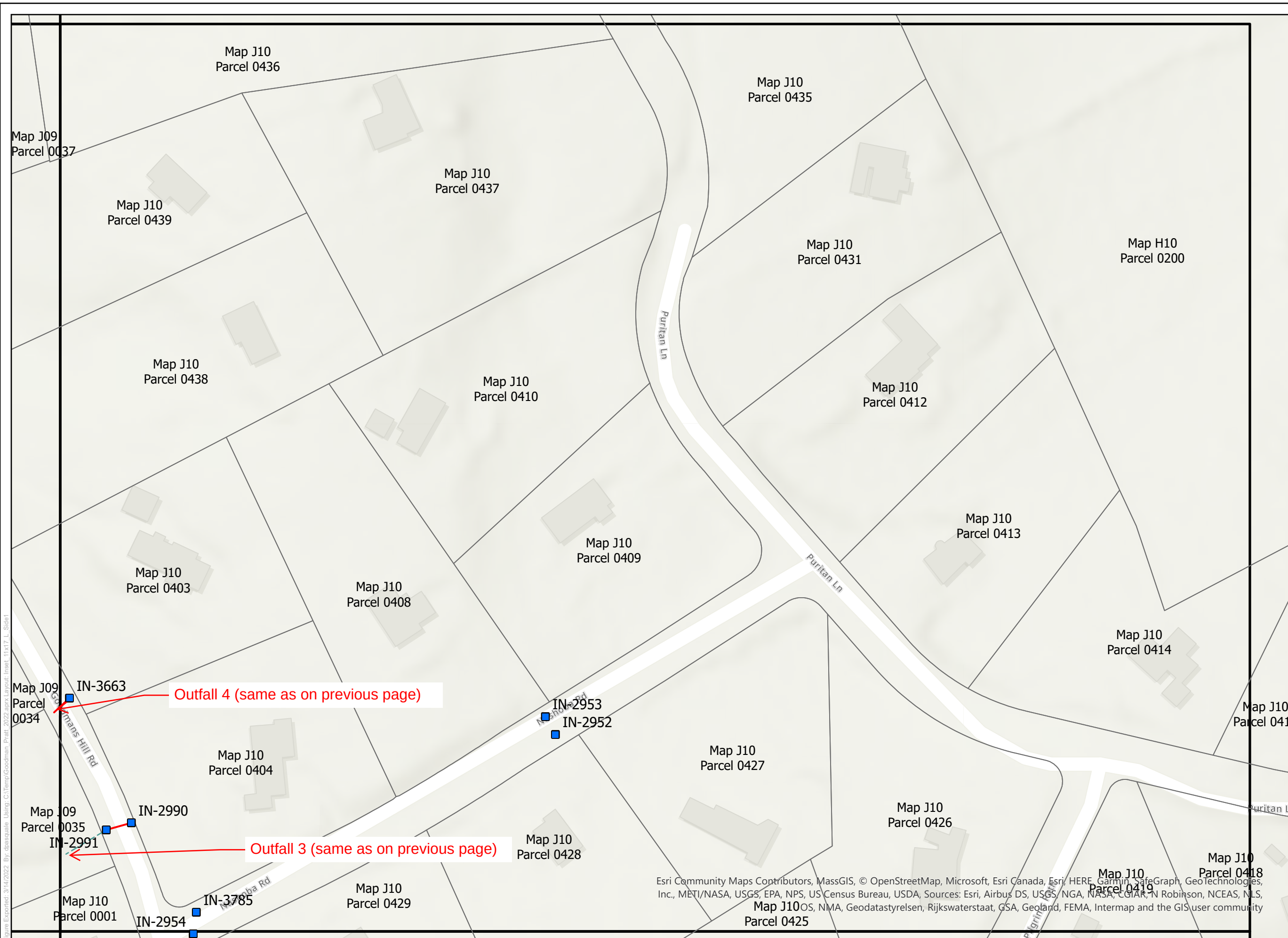
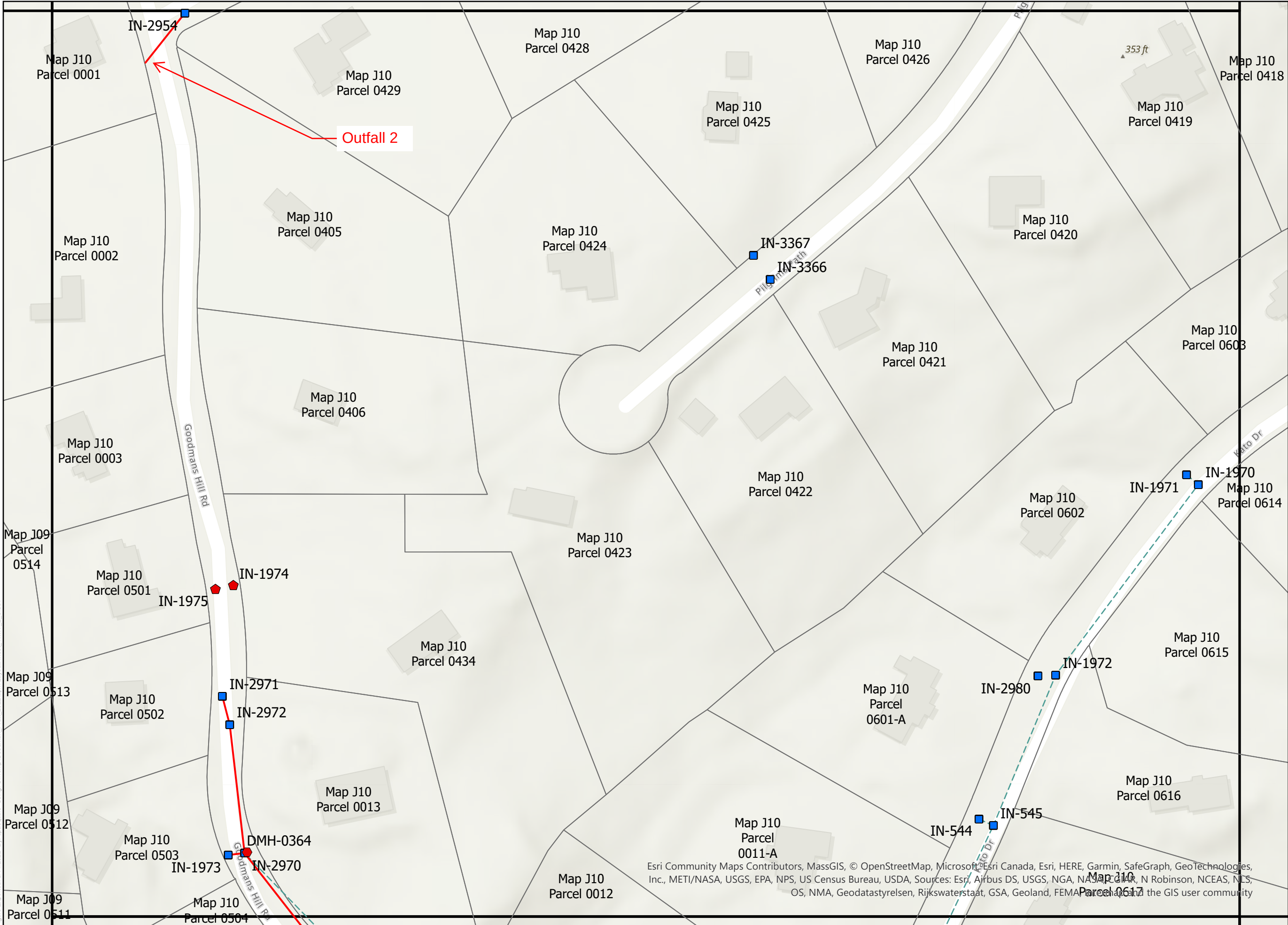


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Town of Sudbury, MA

2022 Town-Wide
Drainage Improvements

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Goodman's Hill Road
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Legend

Drain Manholes

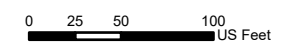
- Existing (Blue circle with dot)
- Abandoned (Red diamond)

Catch Basins

- Existing (Blue square)
- Abandoned (Red diamond)

- Drain to be Removed & Replaced (Red line)
- Drain Pipe (Dashed green line)
- MassGIS Property Lines (Thin grey line)
- Plan Grid (Thick black line)

Note: the boundaries depicted in the MassGIS Property Lines layer shown in this map book are approximate only.



Project #: 0233335.00
Map Created: March 2022

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Town of Sudbury, MA

2022 Town-Wide
Drainage Improvements

DRAFT
Not for Construction



Goodman's Hill Road
Page 14 of 16

Legend

Drain Manholes

- Existing
- Abandoned

Catch Basins

- Existing
- Abandoned
- Drain to be Removed & Replaced
- Drain Pipe
- MassGIS Property Lines
- Plan Grid

Note: the boundaries depicted in the MassGIS Property Lines layer shown in this map book are approximate only.

0 25 50 100 US Feet



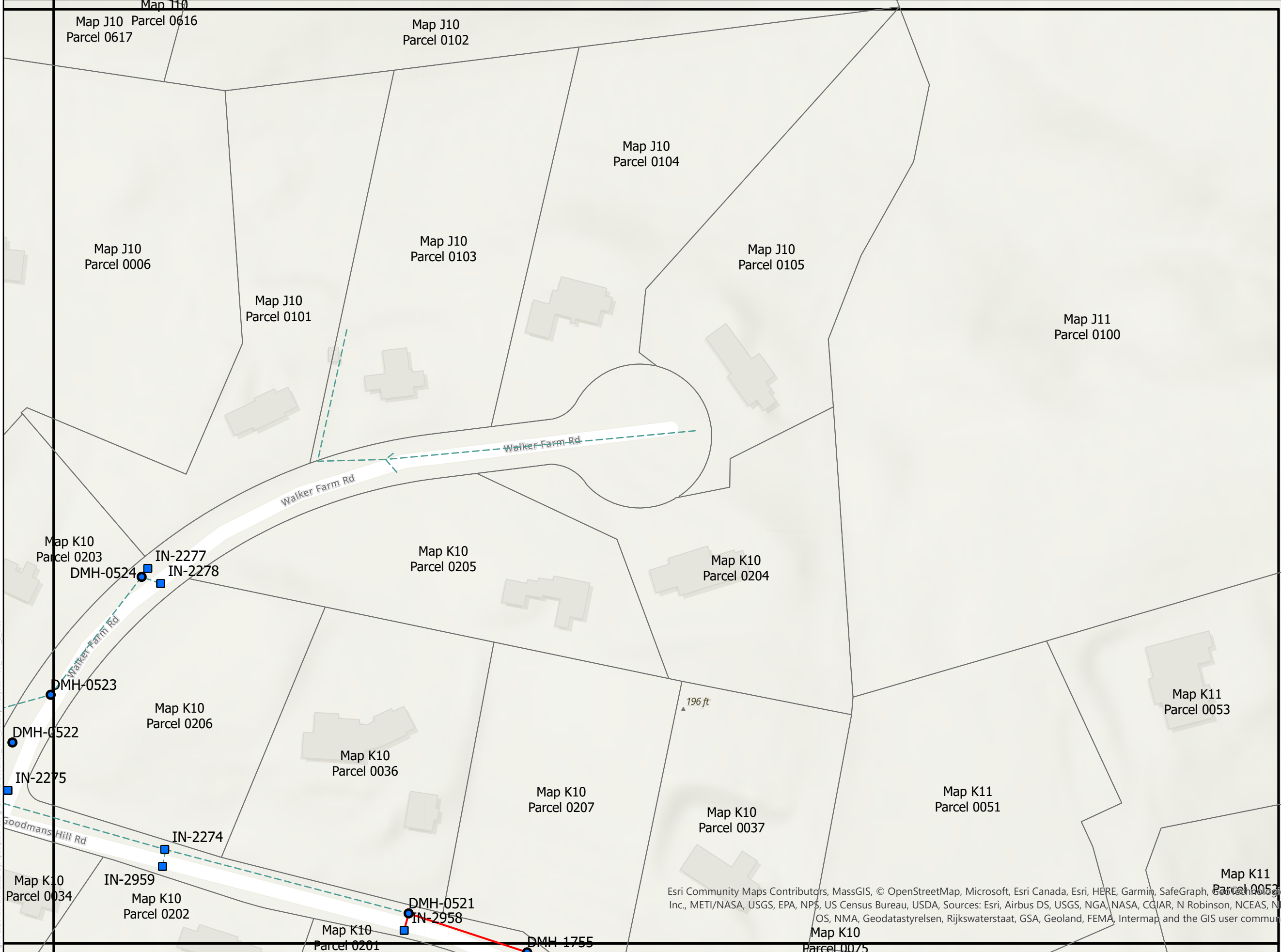
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Figure Exported: 3/14/2022 By: djasquale Using: C:\Temp\Goodman Pratt 2022.aprx Layout: Inset 11x17 L Slide1

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Figure Exported: 3/14/2022 By: djasquale Using: C:\Temp\Goodman Pratt_2022.aprx Layout: Inset 11x17 L_Side1



Legend

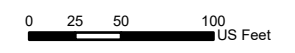
Drain Manholes

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

Catch Basins

- Existing (blue square)
- Abandoned (red pentagon)
- Drain to be Removed & Replaced (solid red line)
- Drain Pipe (dashed green line)
- MassGIS Property Lines (thin grey line)
- Plan Grid (thick black line)

Note: the boundaries depicted in the MassGIS Property Lines layer shown in this map book are approximate only.



Project #: 0233335.00
Map Created: March 2022

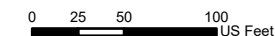
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Drain Manholes

- Catch Basins**
- Existing
 - Abandoned
- Drain**
- Drain to be Removed & Replaced
 - Drain Pipe
- MassGIS Property Lines**
- Plan Grid**

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Project #: 0233335.00
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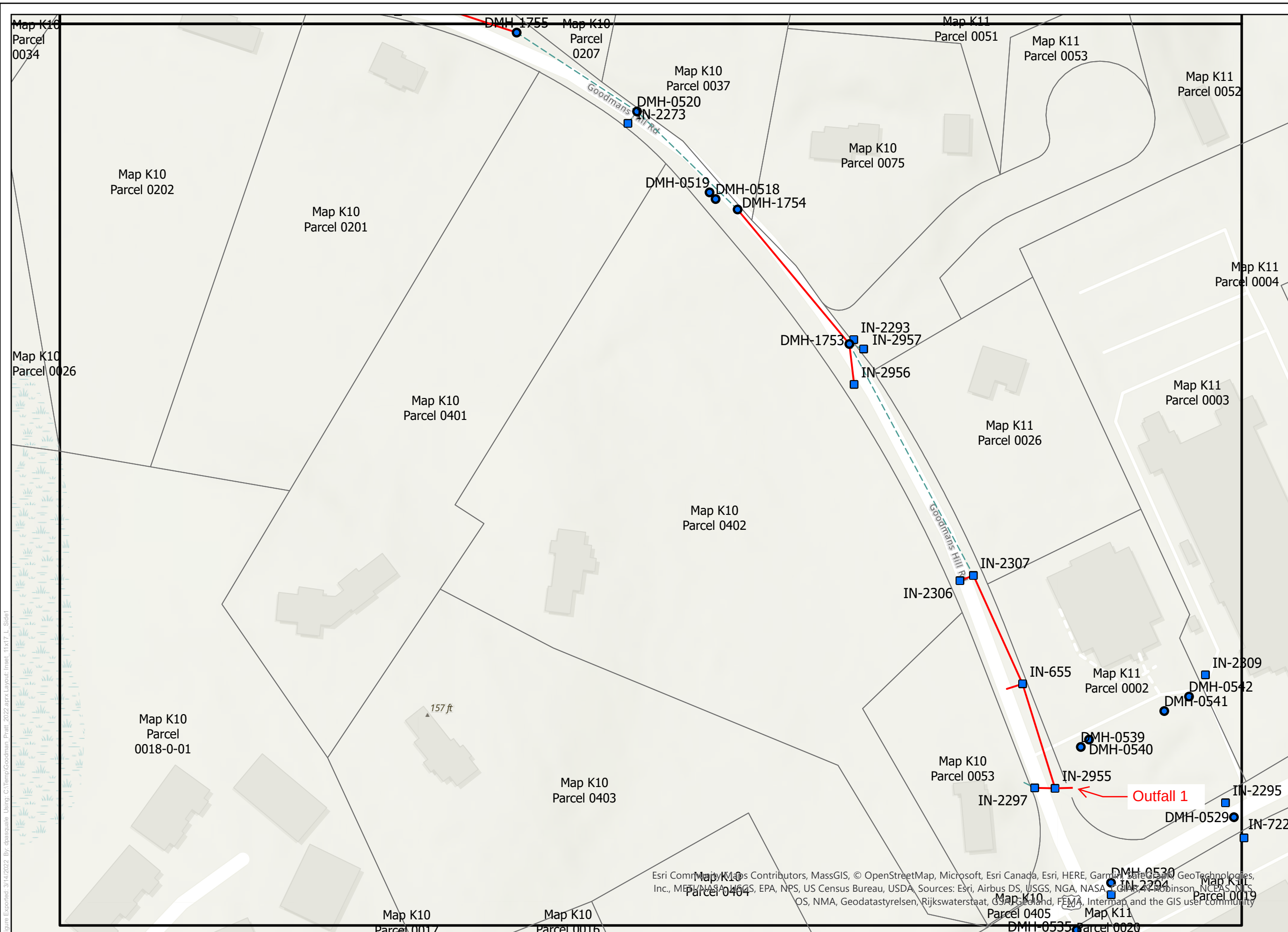


Figure Exported: 3/14/2022 By: dpasquale Using: C:\Temp\Goodman Pratt 2022.aprx Layout: Inset 11x17 L_Side1