



March 28, 2024

Mr. George Thebarge
Town Planner
Town of Durham
630 Hallowell Road
Durham, ME 04222

**RE: Central Maine Power Company Section 62 Rebuild and Section 64 Rerate
Supplemental Submissions Following the March 6, 2024 Planning Board Meeting**

Dear Mr. Thebarge and members of the Planning Board:

This letter and its attachments outline the supplemental submissions of Central Maine Power Company's (CMP) Application for Permits under the Town of Durham's Conditional Use, Site Plan Review, and Floodplain Management Ordinances for CMP Section 62 Transmission Line Rebuild and Section 64 Transmission Line Rerate Project (the Project) that is partially located in Durham. As requested by Mr. Thebarge, in lieu of revising CMP's February 17 application package any textual revisions of the application package are included in this letter.

1. As requested by the Planning Board, the following updates to the application package's Project scope and natural resource maps (Exhibit 4) are included in Attachment 1 of this letter:
 - Additional map with a non-intensive base layer (no satellite imagery).
 - Call-out boxes for each pole that identify poles to be located in wetlands and permanent wetland impacts (square feet).
 - Call-out boxes for each pole identify poles to be located in shoreland zoning districts and permanent impacts (square feet).
 - Symbol for all access way entrances.
2. As discussed at the Planning Board meeting, a signature box on the Findings of Fact and Conclusions of Law is included in applicant-proposed Findings of Fact and Conclusions of Law, which was emailed to Mr. Thebarge on March 15, 2024.
3. As requested by the Planning Board, the statement below provides information regarding the existing and proposed heights for the Section 62 and Section 64 transmission line poles in Durham. This statement revises the previously reported pole height average of 71 feet to 68 feet (see page 2-2 of the application package).

In Durham, the average height of existing poles that will be replaced is approximately 46 feet. The existing poles will be replaced with new poles averaging approximately 71 feet in height. The reason for the increase in pole height is to offset the transmission line sag as a result of an overall net decrease of 11 poles in Durham. Additionally, Section 62 poles are changing from the

existing H-frame configuration to a monopole configuration in order to maintain necessary spacing between the transmission line phases.

4. As requested by the Planning Board, the following statement provides supplemental information pertaining to CMP's herbicide use:

As described in the VMP (Exhibit 6, see pages 11 through 14 of the application package), in conjunction with mechanical methods of vegetation control, CMP uses and will continue to use a selective herbicide program to treat areas once every four years to maintain early successional scrub shrub growth. Herbicide will be selectively applied (using a low-pressure backpack-mounted applicator) to individual capable specimens to prevent growth (or re-growth of a cut plant) of individual plants. Only herbicides that are registered with and approved by the U.S. Environmental Protection Agency (EPA) and registered with the Maine Board of Pesticides Control (BPC) will be used. Depending on its intended application (e.g., standard foliar, high-density foliar, or cut-stump treatment), the following herbicides may be used: Milestone, Garlon 4 Ultra, Stalker, Vastlan, Aqufact, and Escort XP.

5. As requested by the Planning Board, during construction the Project will stay in contact with the CEO as the construction approaches the RP and LR districts. The Planning Board also requested that Samuel Rice reach out to the CEO regarding the application:

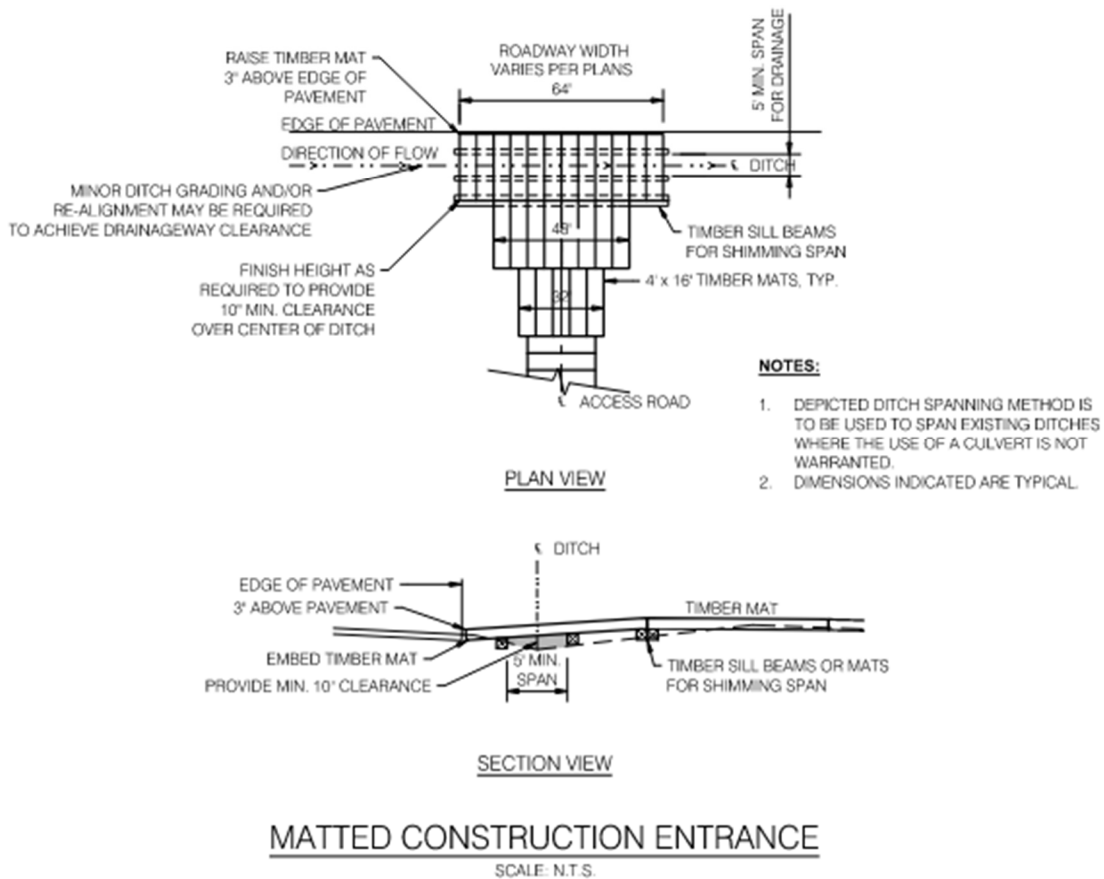
On March 7, 2024, Samuel Rice provided a high-level overview of the Project to the CEO (Alan Plummer) via phone call. Per Mr. Plummer's request, Samuel Rice forwarded the applicant proposed Findings of Fact to him, which were also sent to Mr. Theborge on March 15, 2024. On March 27, 2024, Sam Rice followed-up with Alan Plummer via phone call. Alan Plummer did not have any questions or concerns at that time for Sam Rice. Alan mentioned he would be reaching out to Sue Baker who is the Maine Floodplain Management Program Coordinator to discuss the application.

6. As requested by the Planning Board, the application package's Project scope and natural resource maps (Exhibit 4) were provided to Road Commissioner Calvin Beaumier. The following include the suggested plan conditions from the Road Commissioner to be established by the Town of Durham Planning Board:

- A. CMP will install properly designed temporary access points to allow for unobstructed stormwater drainage within existing road ditches along the Town and private road rights-of-way. At access points onto the Road right-of-way, CMP's contractors will construct a timber mat span over the existing road ditch as depicted below. Construction contractors may also utilize a temporary culvert buried in riprap, depending on the CMP will install properly designed temporary access points to allow for unobstructed stormwater drainage within existing road ditches along the Town and private road rights-of-way. At access points onto the

site-specific conditions. Access points, including any matting or temporary culverts utilized, will be removed once construction and restoration is complete.

- B. CMP will also require its construction contractors to follow erosion and sedimentation control best management practices, including care to avoid tracking mud and debris onto public roadways. If determined necessary to prevent mud or sediment tracking, CMP's contractors will install a berm of crushed stone or erosion control mix at access points to reduce tracking of soil onto the roadway. Reference [Maine Erosion and Sediment Control Practices Field Guide for Contractors](#) pages 2-3 Construction Entrance/Exit. Additionally, the contractor is responsible for regular maintenance of access points and roadways entrances, including any street sweeping that may be required. Regular inspections will be performed by CMP's environmental inspectors and MDEP's third party inspectors.



- C. CMP will also abide by spring seasonal weight restrictions on posted roads and if required by the Planning Board, vehicles and equipment with a gross vehicle weight rating over 23,000 pounds will not use roadways as long as seasonal postings are in place.
 - D. CMP's contractors will apply for entrance permits from the Road Commissioner at each point of entry from a public or private road.
7. As requested by the Planning Board, the Project contacted Durham Fire Chief Robert Tripp consistent with what is stated on page 2-3 of the application package:

Email correspondence between Danielle Barry (CMP EH&S Community Relations) is included as Attachment 2 of this letter. The Fire Chief has opted to have the additional training at the next training date with CMP, scheduled for this October.

8. As requested by the Planning Board, the revised response to the Site Plan Mandatory Submission C17 (*The location, dimensions, and materials to be used in the construction of proposed driveways, parking and loading areas, and walkways and any changes in traffic flow onto or off-site.*) is provided below:

Original Response: See response to Section 5.2 for Access Management.

Revised Response: There are no proposed driveways associated with the Project in Durham. However, the locations of temporary access ways are provided in the project scope and natural resource maps (Exhibit 4). These temporary access ways will be approximately 20 feet wide and will be fully restored and revegetated after construction. During the construction phase, some material and equipment deliveries may require vehicles to stop on or back into a street. During these infrequent occasions, spotters or flaggers will be used to assist vehicles into or out of the corridor. See response to Section 5.2 (Access Management) for further information concerning temporary access ways.

Construction equipment will be parked within CMP's right-of-way on temporary access ways and at the pole placement preparation areas that surround the pole locations. These same areas will be utilized as temporary staging areas to store poles and associated pole hardware and materials.

9. The following revises the description of a "rerate" included in the footnote of Page 2-1 of the application package:

Previous Description: A "rerate" entails replacing select poles and associated pole components and hardware of the same configuration and in the same location.



Revised Description: Rerate: A transmission line rerated to operate at a higher current, as a result of transmitting more electricity the operating temperature of the line increases, which increases conductor sag and therefore may require replacement of certain poles with new/taller poles of the same configuration, in the same location, as well as replacement of conductor and associated pole hardware and components, in order to maintain the required minimum clearances between the conductor and ground, vegetation and other ground-based features.

If you have any questions regarding the application materials, or require additional information, please contact me at (603) 988-1007 or sfrice@burnsmcd.com.

Sincerely,

A handwritten signature in cursive script that reads "Samuel F. Rice".

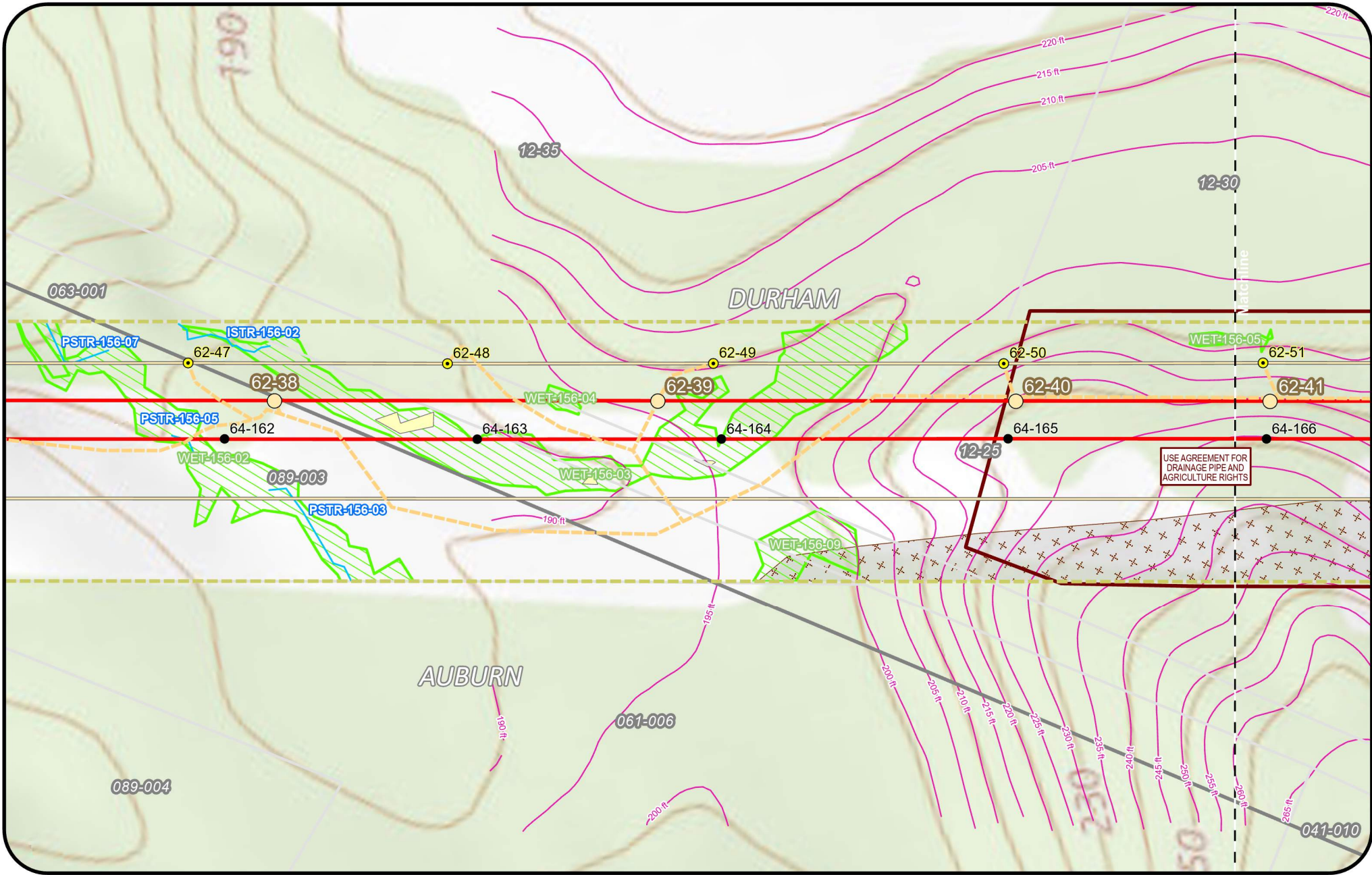
Samuel F. Rice
Staff Environmental Scientist
Burns & McDonnell

Enclosures

cc: Gerry J. Mirabile/CMP

File: Durham Application

**ATTACHMENT 1: PROJECT SCOPE AND NATURAL RESOURCE MAPS (EXHIBIT 4
REVISED)**



Legend

- Clearing Limits & Forested Area
- CMP Ownership
- Town Boundary
- Project Centerline
- Existing Transmission Line
- Proposed Access Road
- Existing Access Road

- Proposed Structure
- Existing Structure
- Demolition Structure
- Maintenance Structure
- Replacement Structure
- Construction Road Entrance
- Contour
- Stream

- Wetland
- SVP/ PSVP
- USACE Vernal Pool
- SVP and PSVP Buffer (250')
- R, T, and E Species
- Rare Plant (Point)
- Inland Wading Bird & Waterfowl Habitat

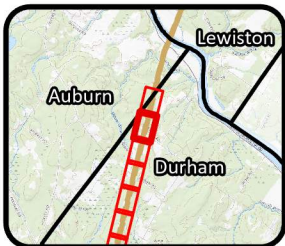
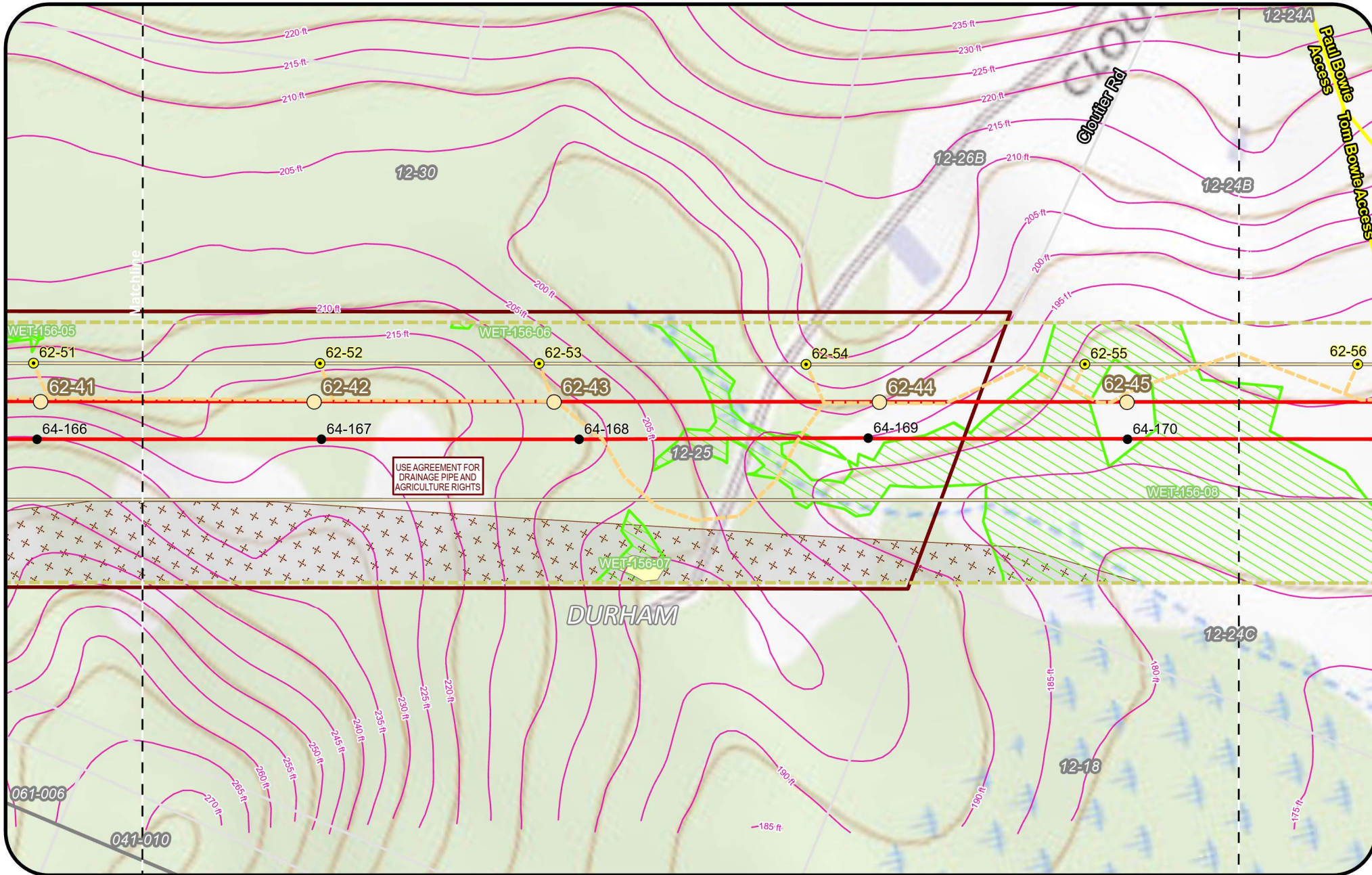
- Deer Wintering Area
- Limited Residential District
- Resource Protection District
- Use Agreement Parcel
- FEMA Flood Hazard Area**
- 100-Year Floodplain
- 100-Year Floodway



Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)

Town of Durham
Application
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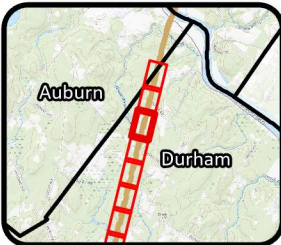
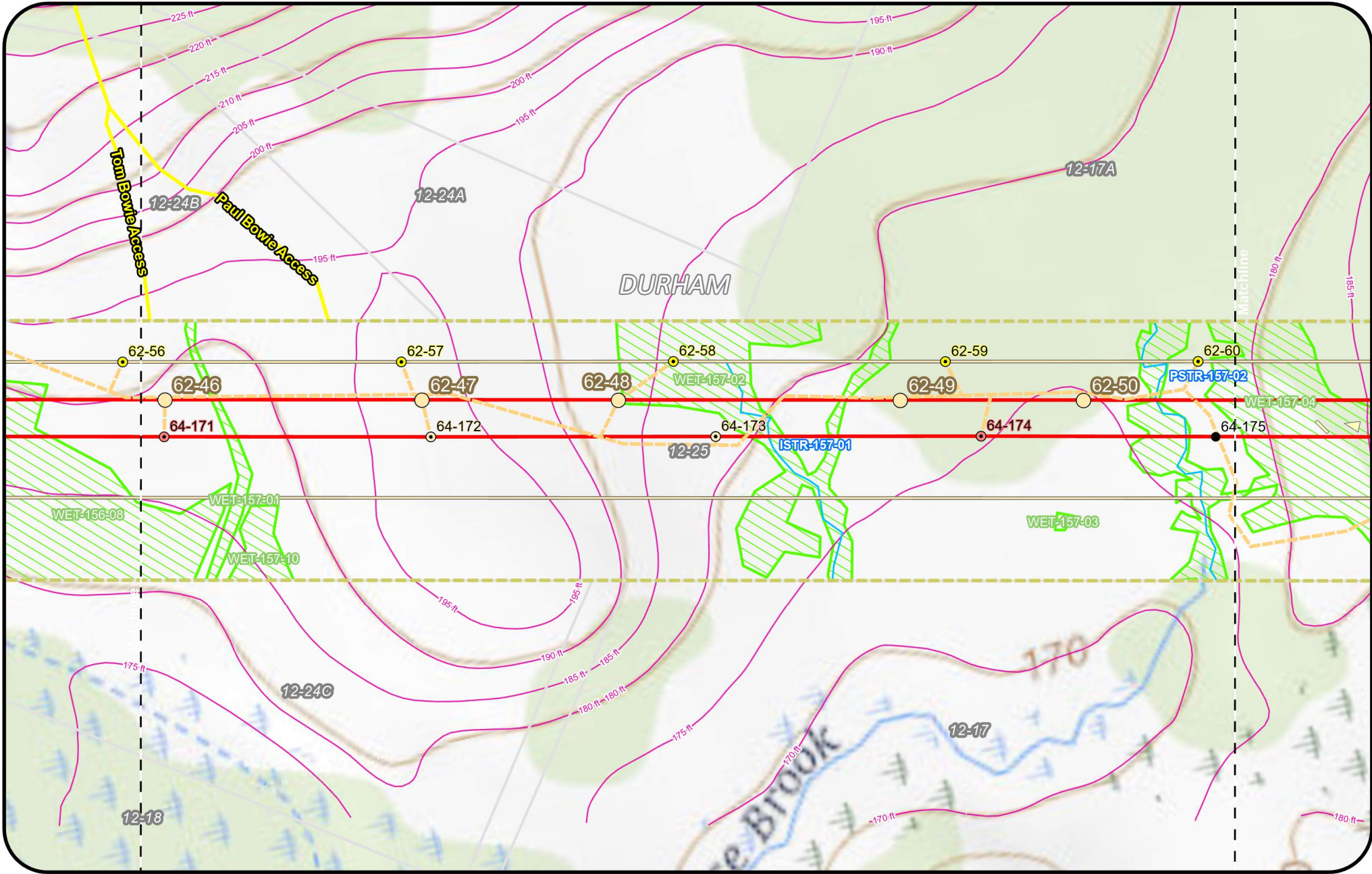


Legend

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CMP Ownership	Existing Structure	SVP/ PSVP	Limited Residential District
Town Boundary	Demolition Structure	USACE Vernal Pool	Resource Protection District
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Proposed Access Road	Construction Road Entrance	Rare Plant (Point)	100-Year Floodplain
Existing Access Road	Contour	Inland Wading Bird & Waterfowl Habitat	100-Year Floodway
	Stream		

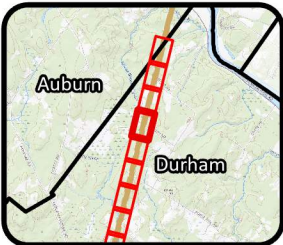
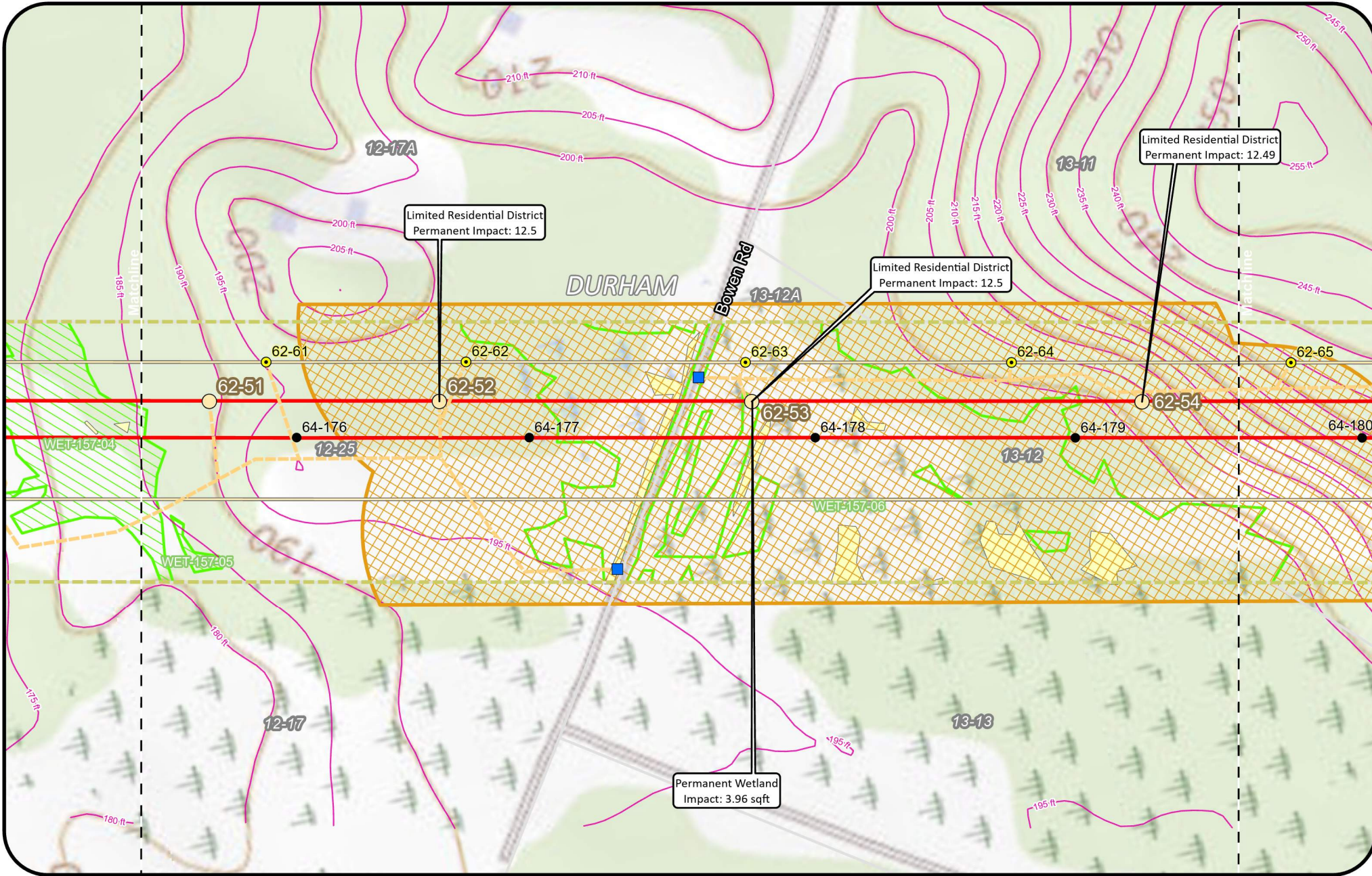
Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)
 Town of Durham Application 200
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Legend <ul style="list-style-type: none"> Clearing Limits & Forested Area CMP Ownership Town Boundary Project Centerline Existing Transmission Line Proposed Access Road Existing Access Road 		<ul style="list-style-type: none"> Proposed Structure Existing Structure Demolition Structure Maintenance Structure Replacement Structure Construction Road Entrance Contour Stream 		<ul style="list-style-type: none"> Wetland SVP/ PSVP USACE Vernal Pool SVP and PSVP Buffer (250') R, T, and E Species Rare Plant (Point) Inland Wading Bird & Waterfowl Habitat 		<ul style="list-style-type: none"> Deer Wintering Area Limited Residential District Resource Protection District Use Agreement Parcel 		<p style="text-align: center;">Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)</p> <p style="text-align: center;">Town of Durham Application 200</p> <p style="text-align: center;">200 Feet</p>	
		<ul style="list-style-type: none"> FEMA Flood Hazard Area 100-Year Floodplain 100-Year Floodway 							

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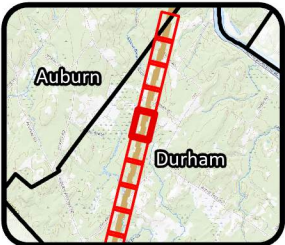
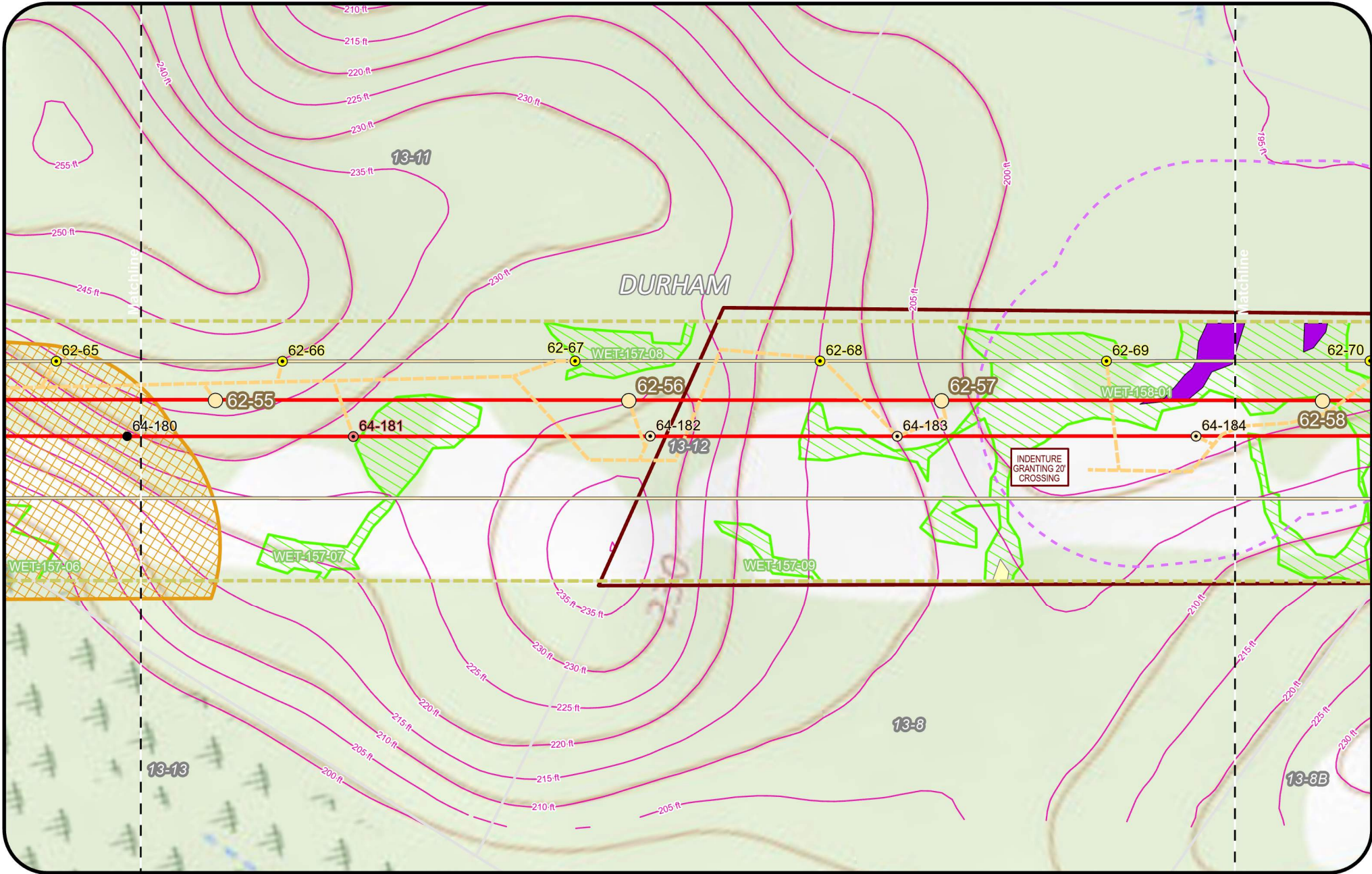
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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)

Town of Durham Application 200

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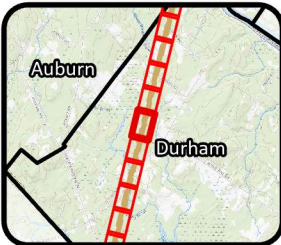
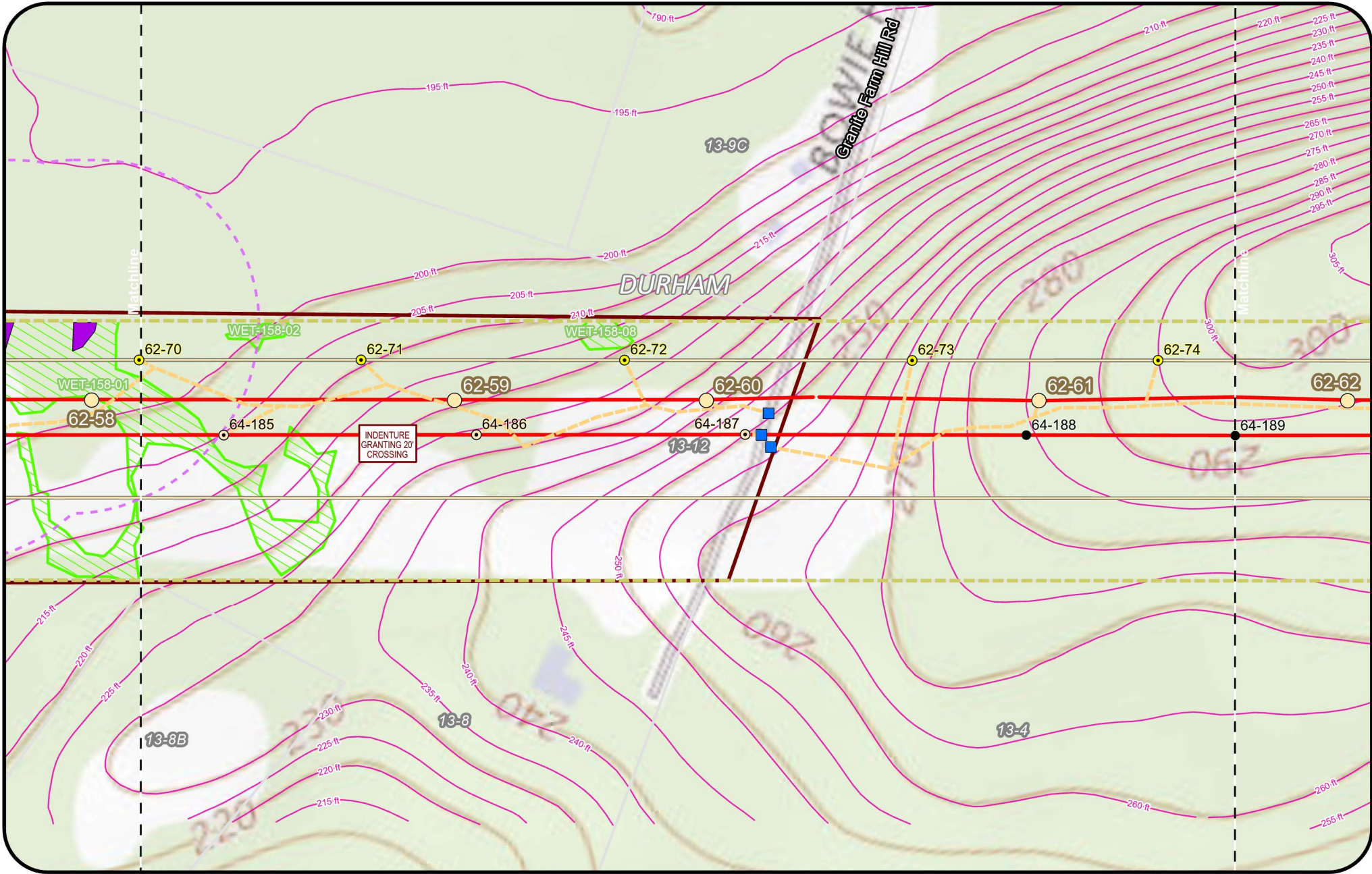


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	Stream		

Town of Durham Application 200

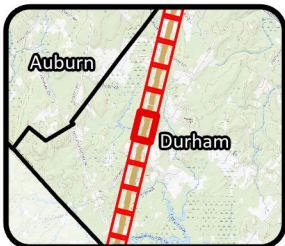
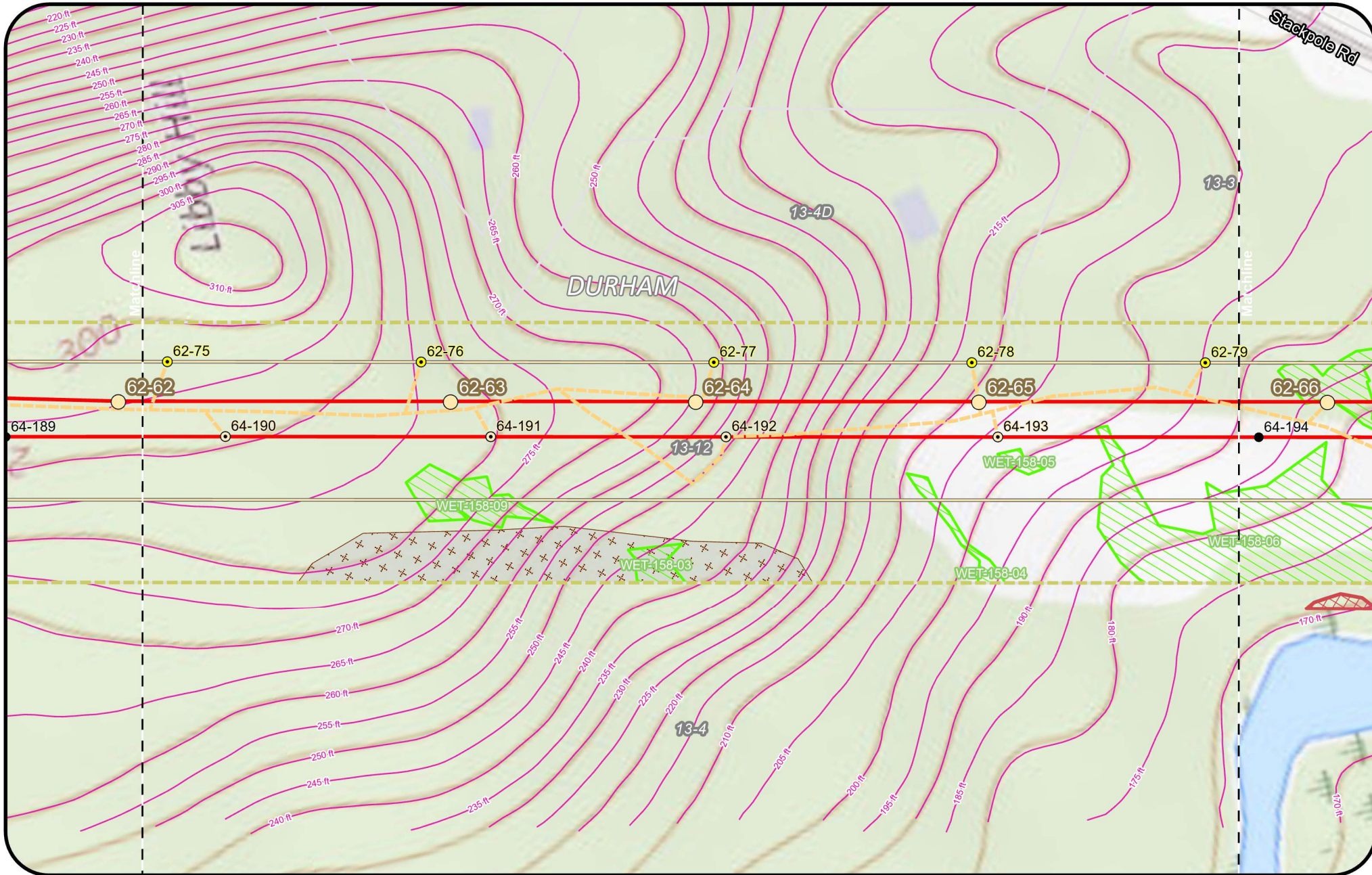
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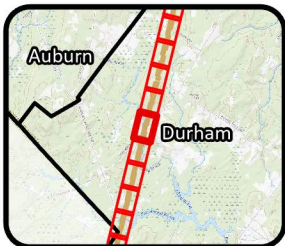
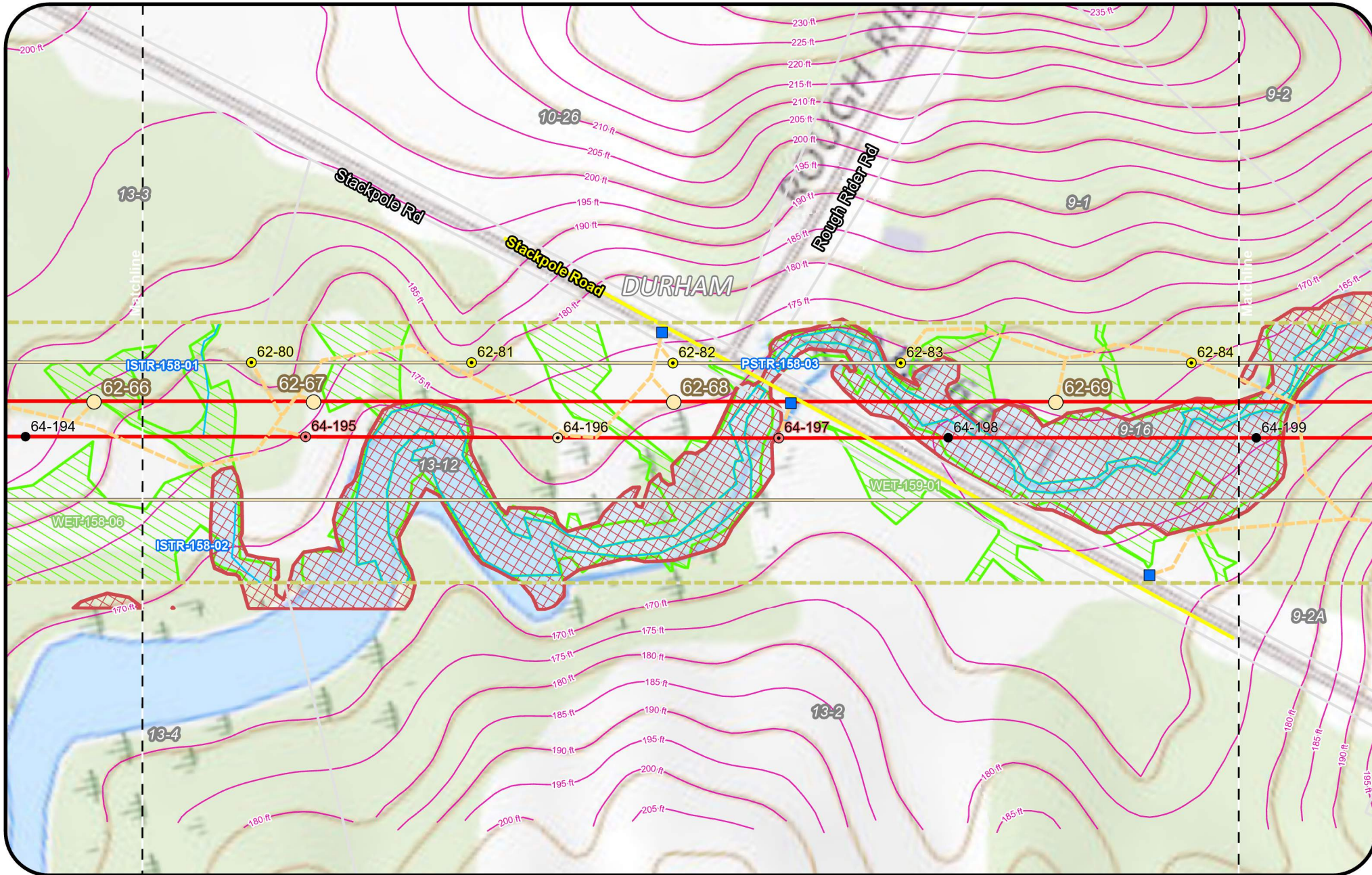
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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)

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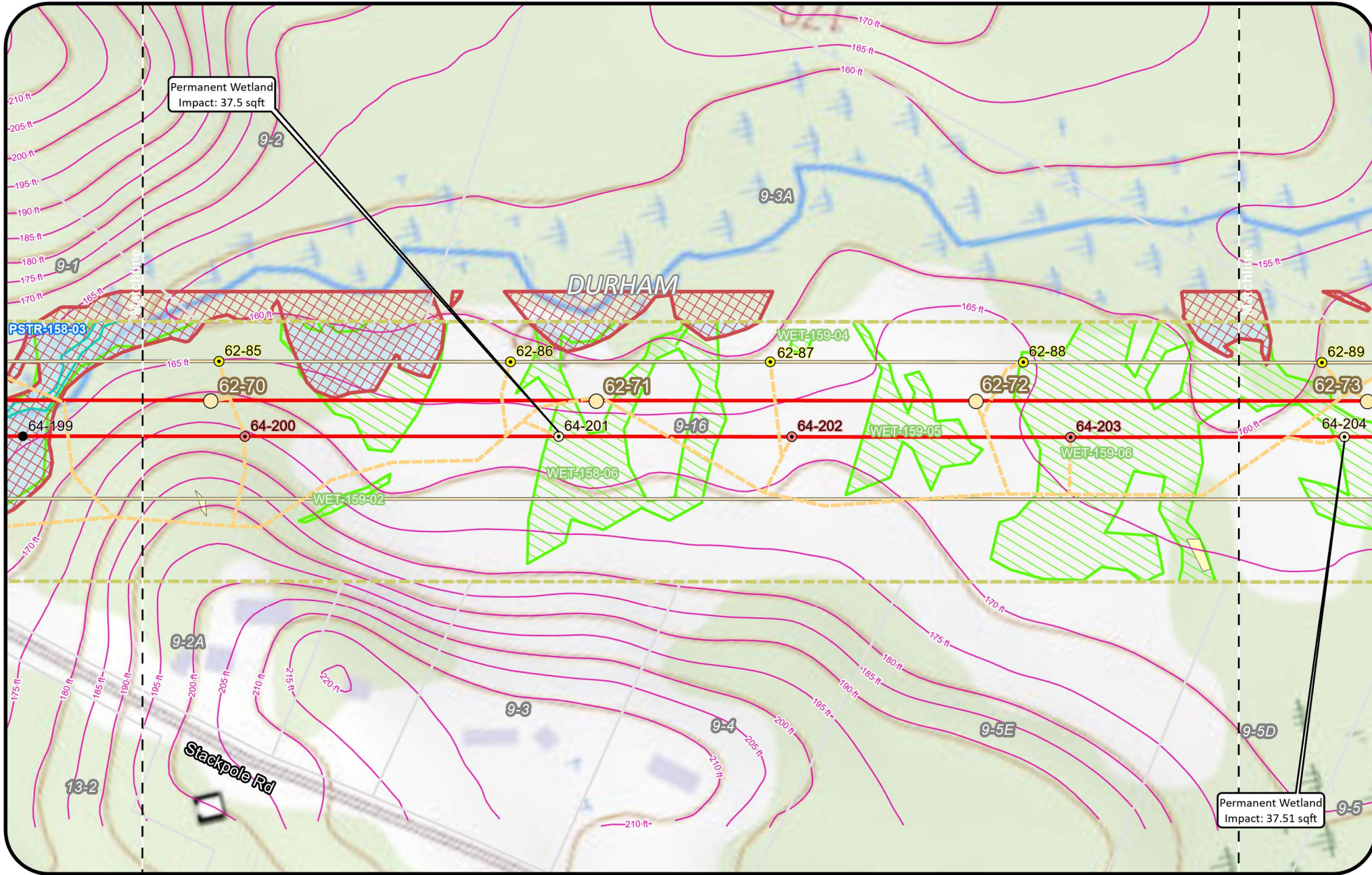
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Permanent Wetland
Impact: 37.5 sqft

Permanent Wetland
Impact: 37.51 sqft



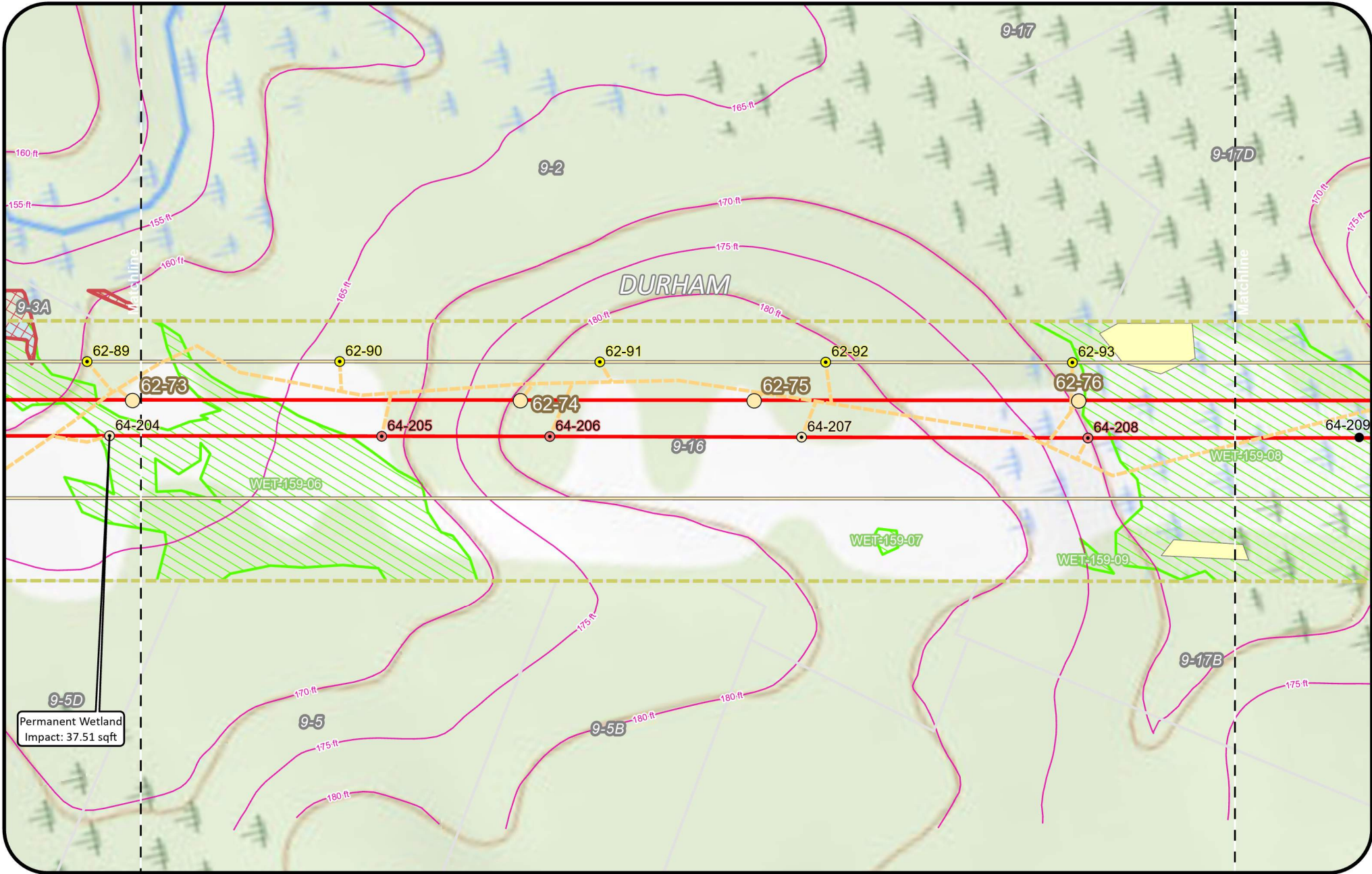
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**Sections 62 and 64 High Voltage
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Rebuilds (115kV)**

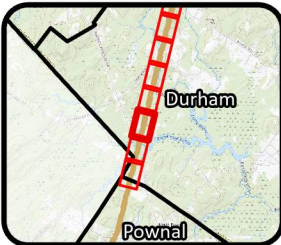
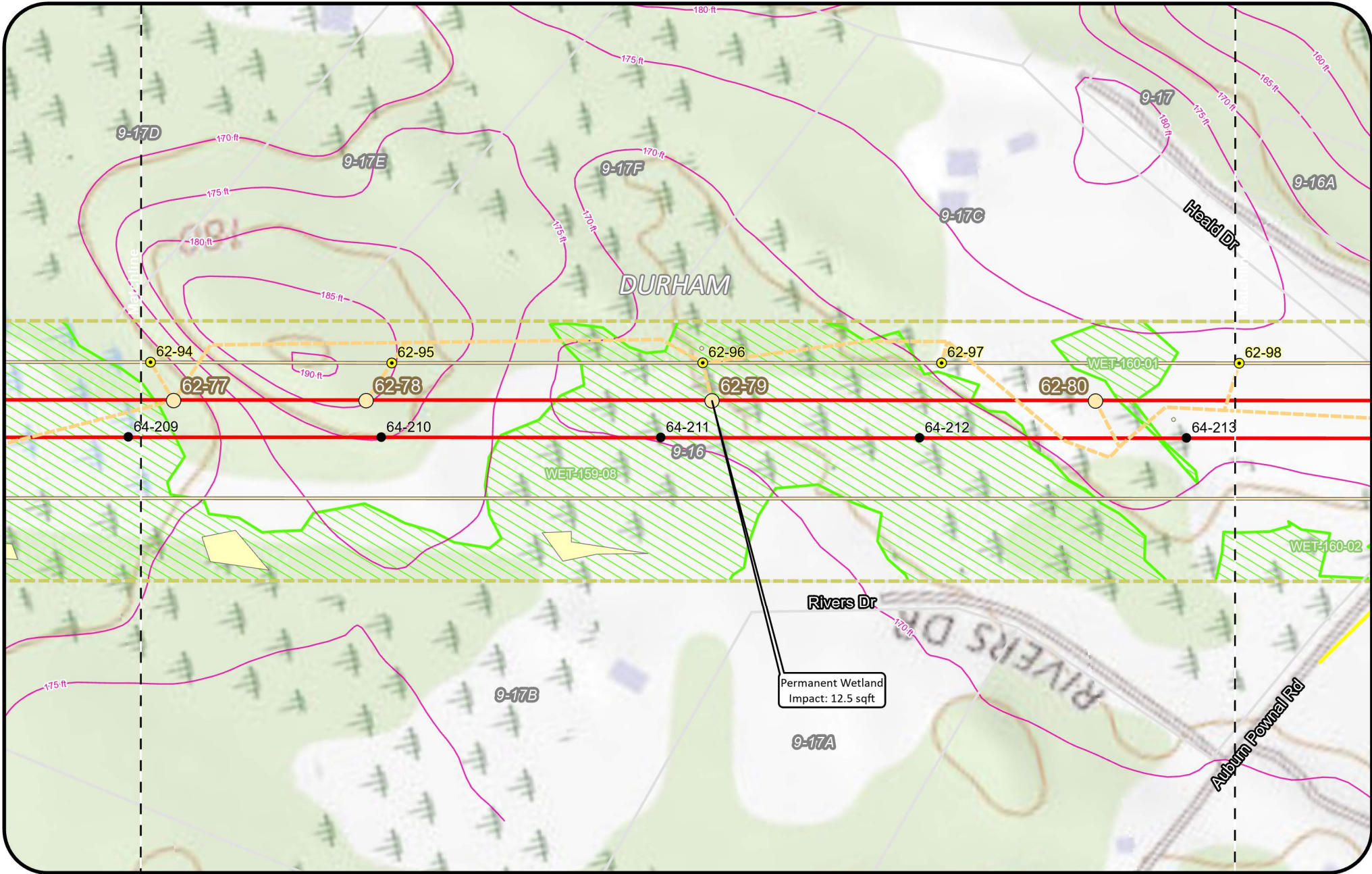
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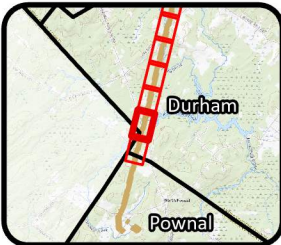
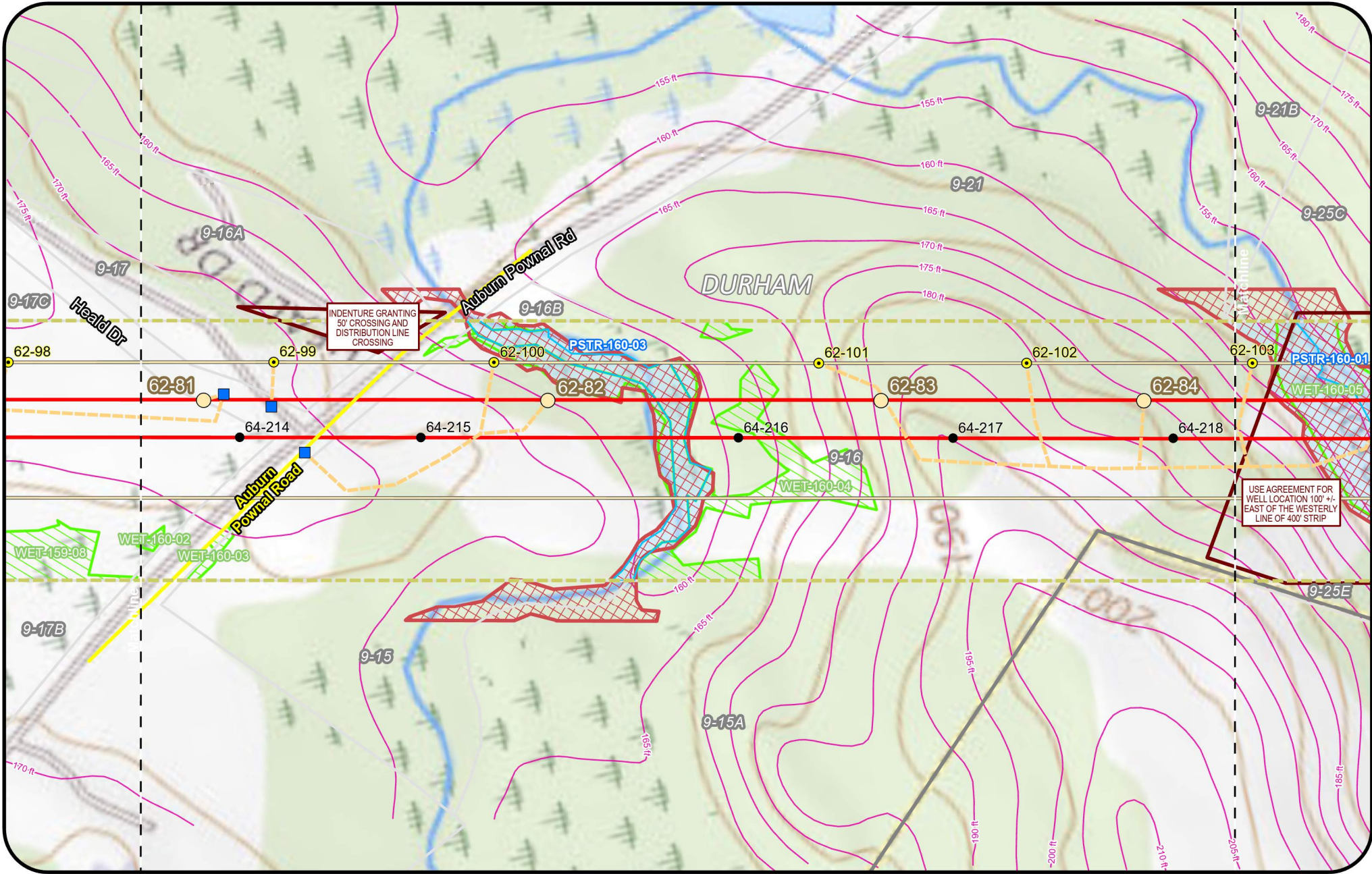
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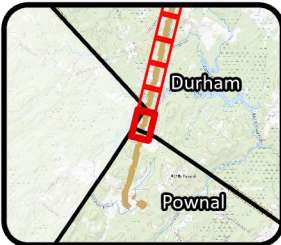
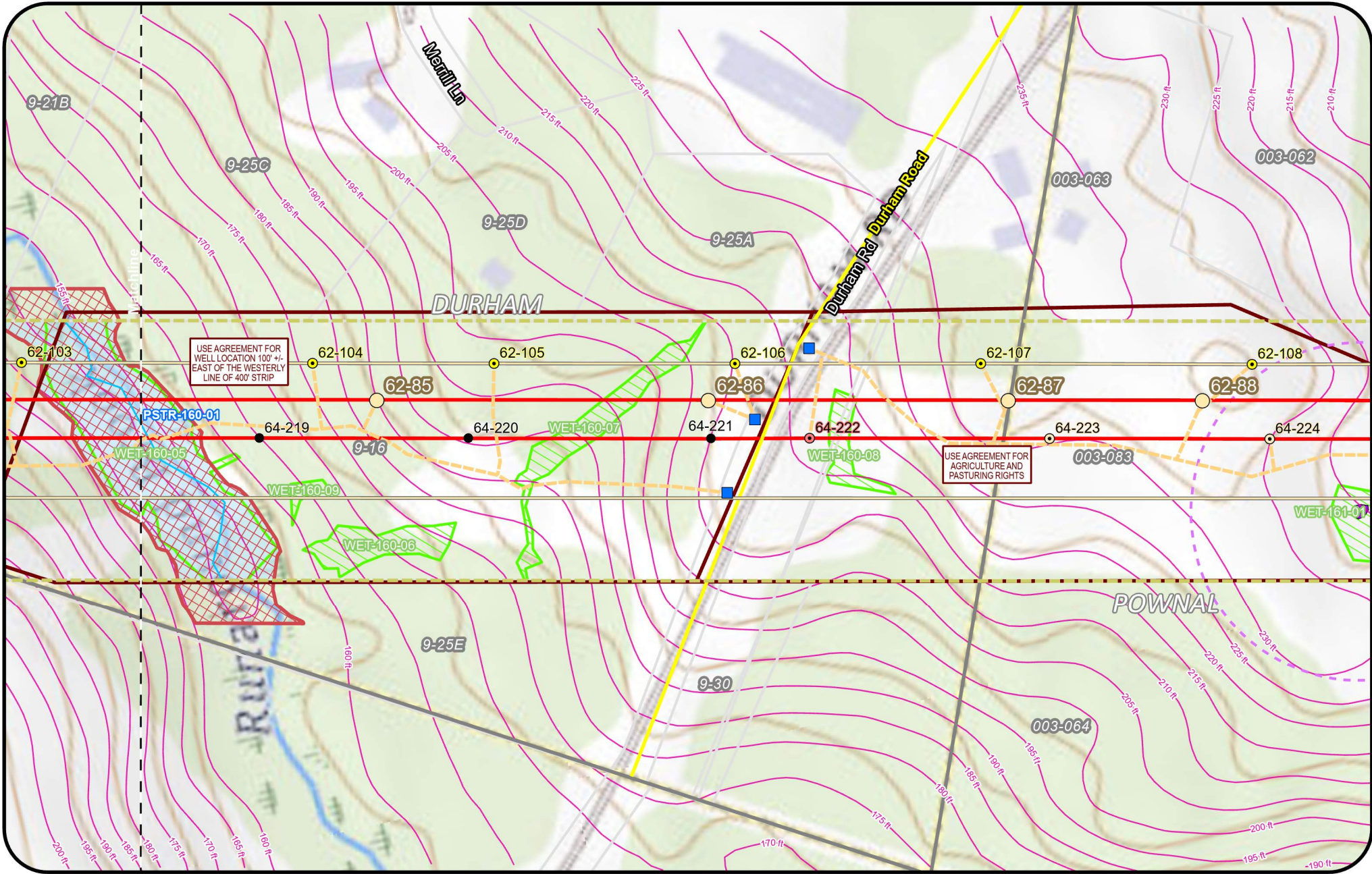
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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)
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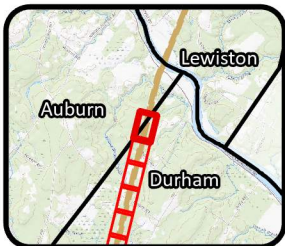
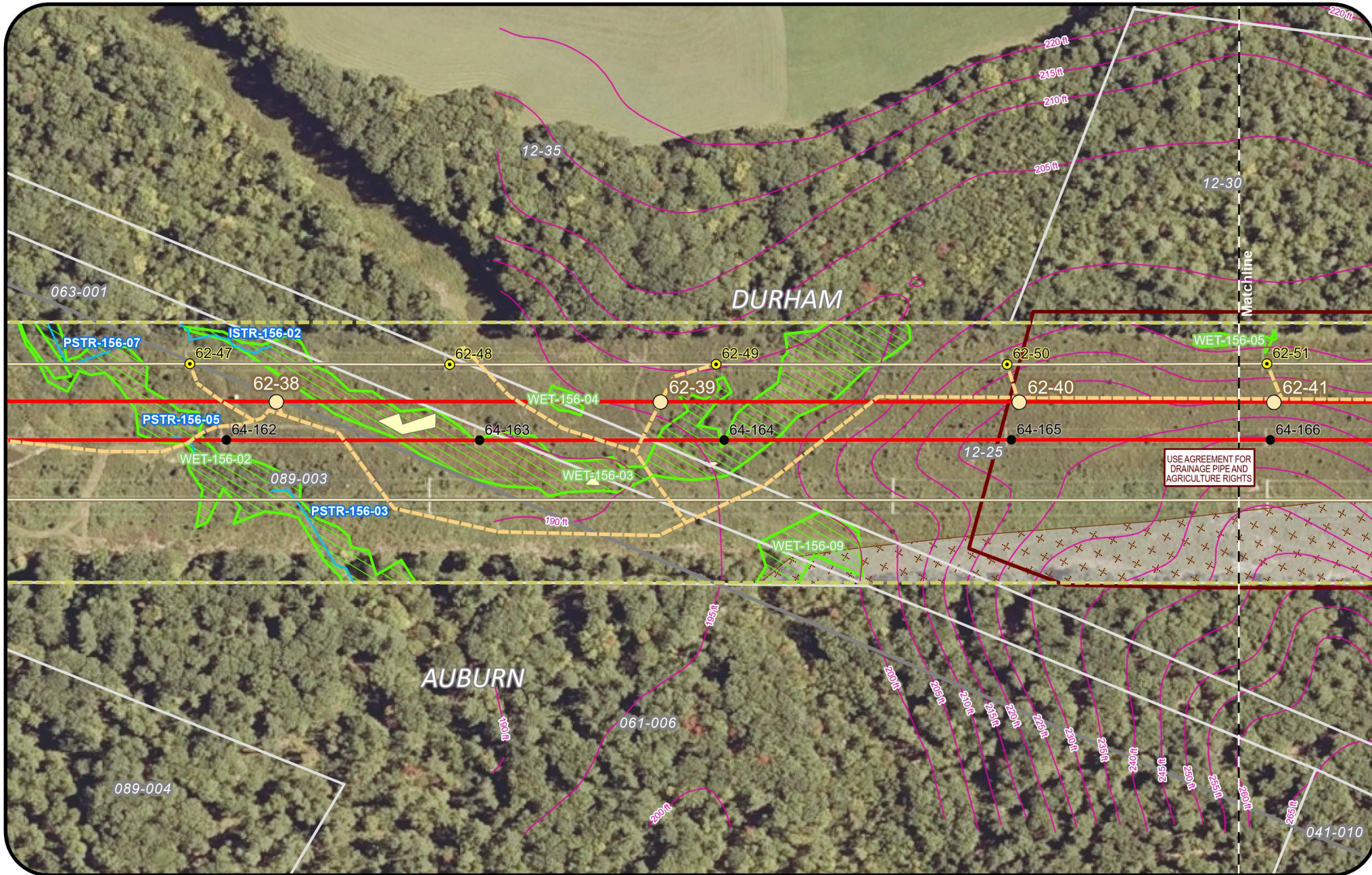
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Town of Durham
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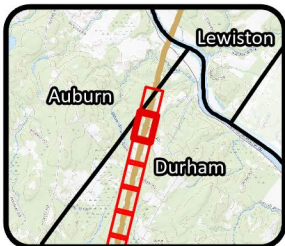
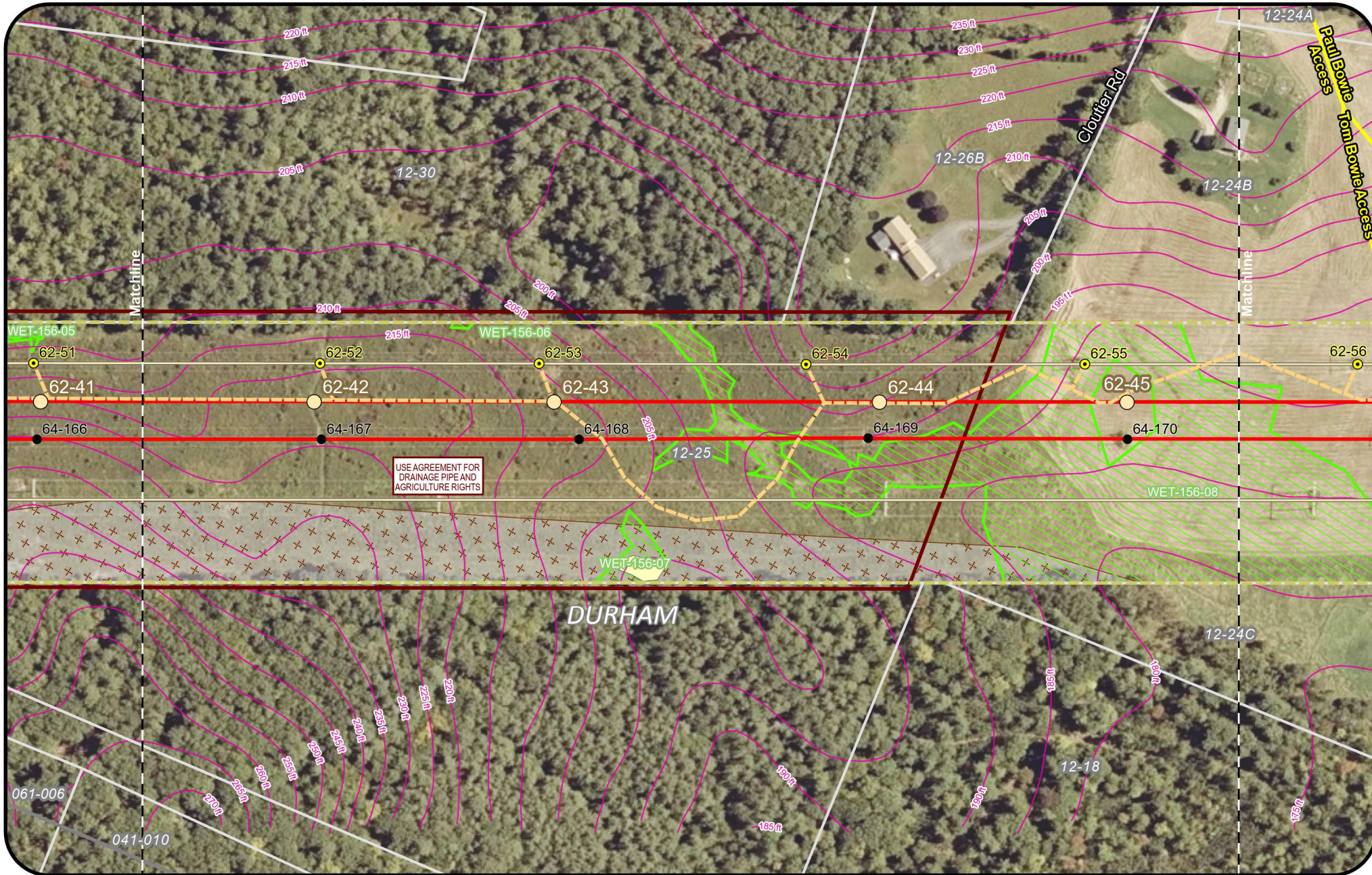
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Feet

CENTRAL MAINE POWER

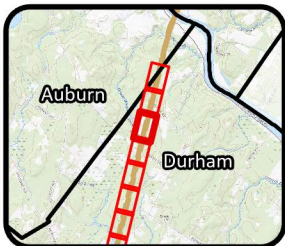
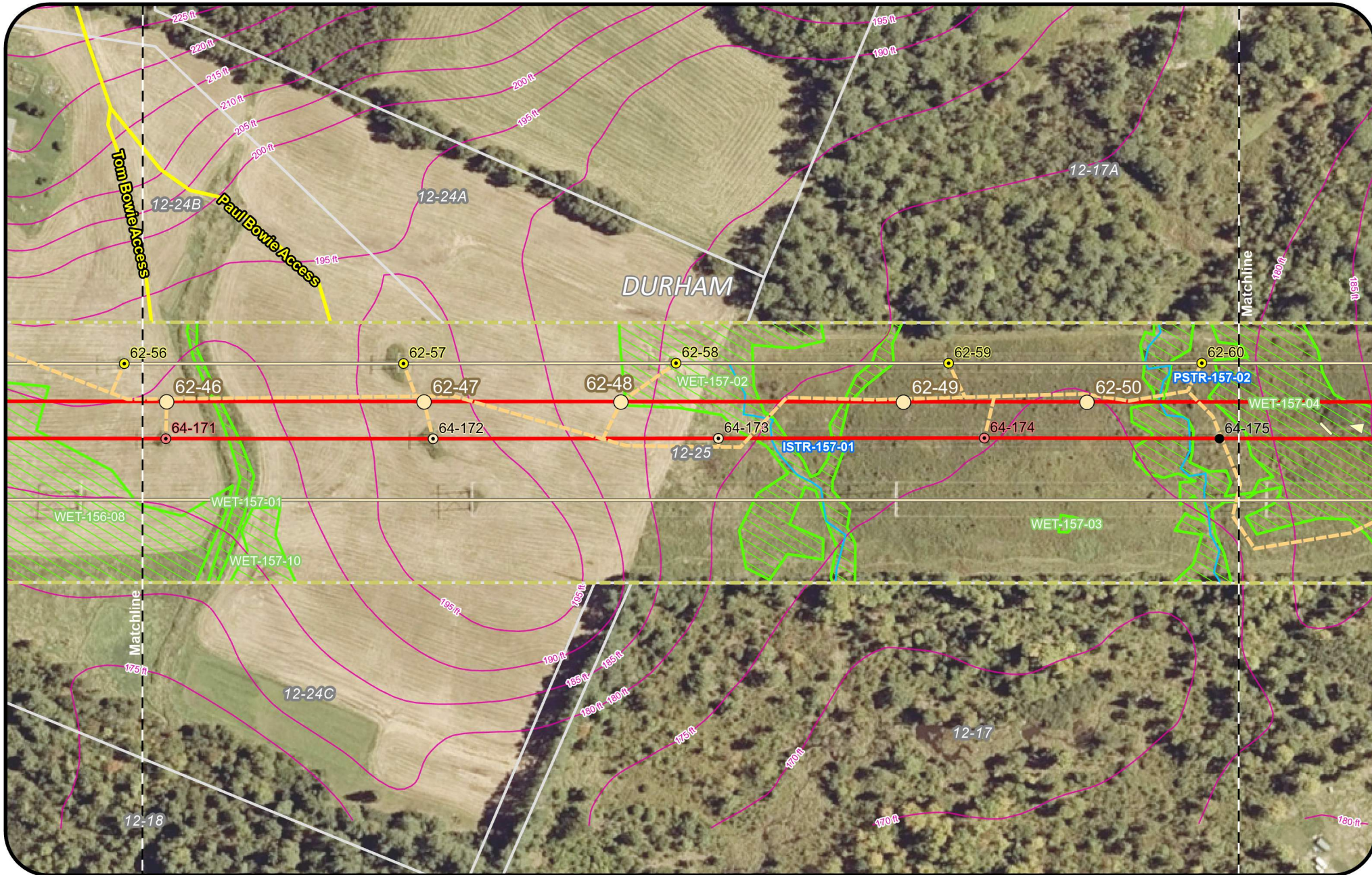


Legend

Clearing Limits & Forested Area	Proposed Structure	Wetland	Deer Wintering Area
CMP Ownership	Existing Structure	SVP/ PSVP	Limited Residential District
Town Boundary	Demolition Structure	USACE Vernal Pool	Resource Protection District
Project Centerline	Maintenance Structure	SVP and PSVP Buffer (250')	Use Agreement Parcel
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	Stream		

Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)
 Town of Durham Application 200
 Feet

CENTRAL MAINE POWER
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Legend

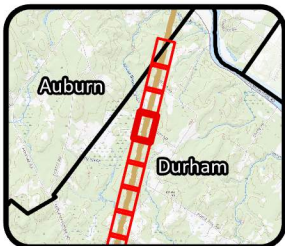
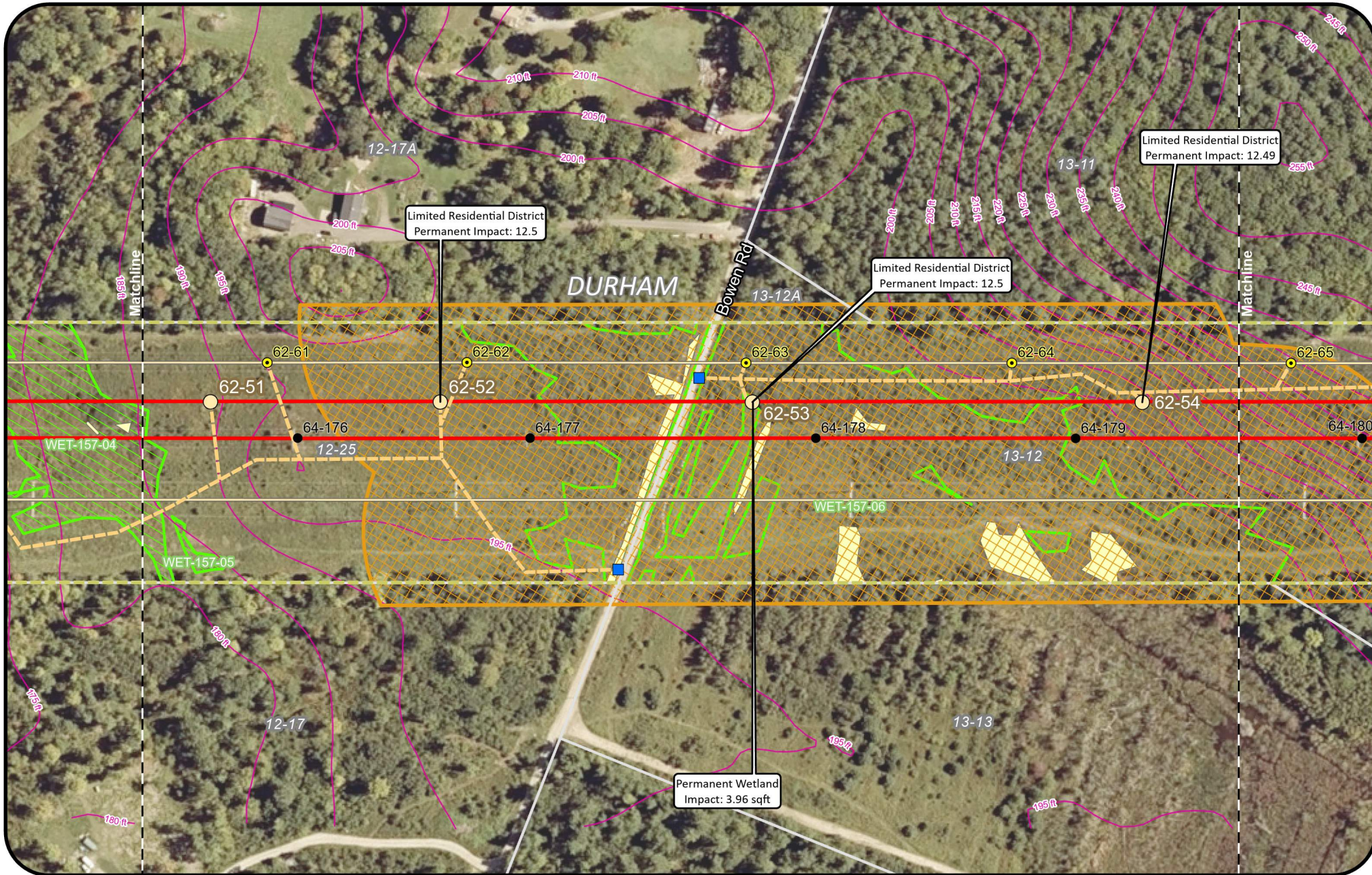
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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)

Town of Durham
Application
200

200 Feet





Legend

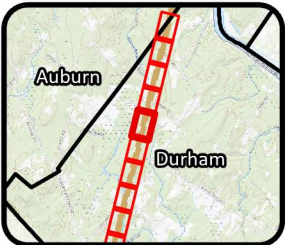
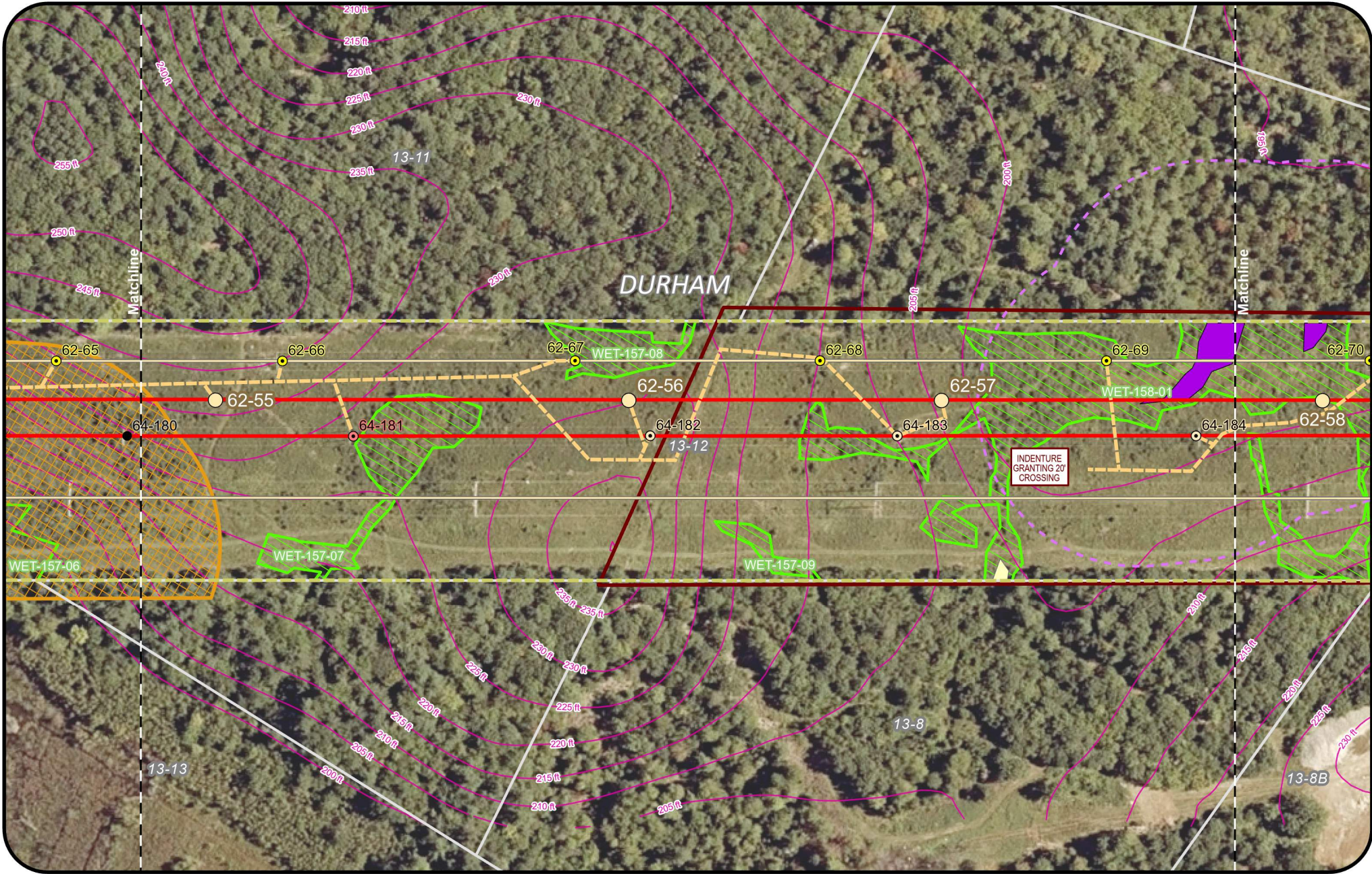
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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)

Town of Durham
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200

0 100 200 Feet



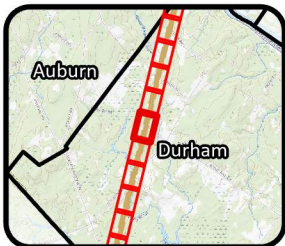
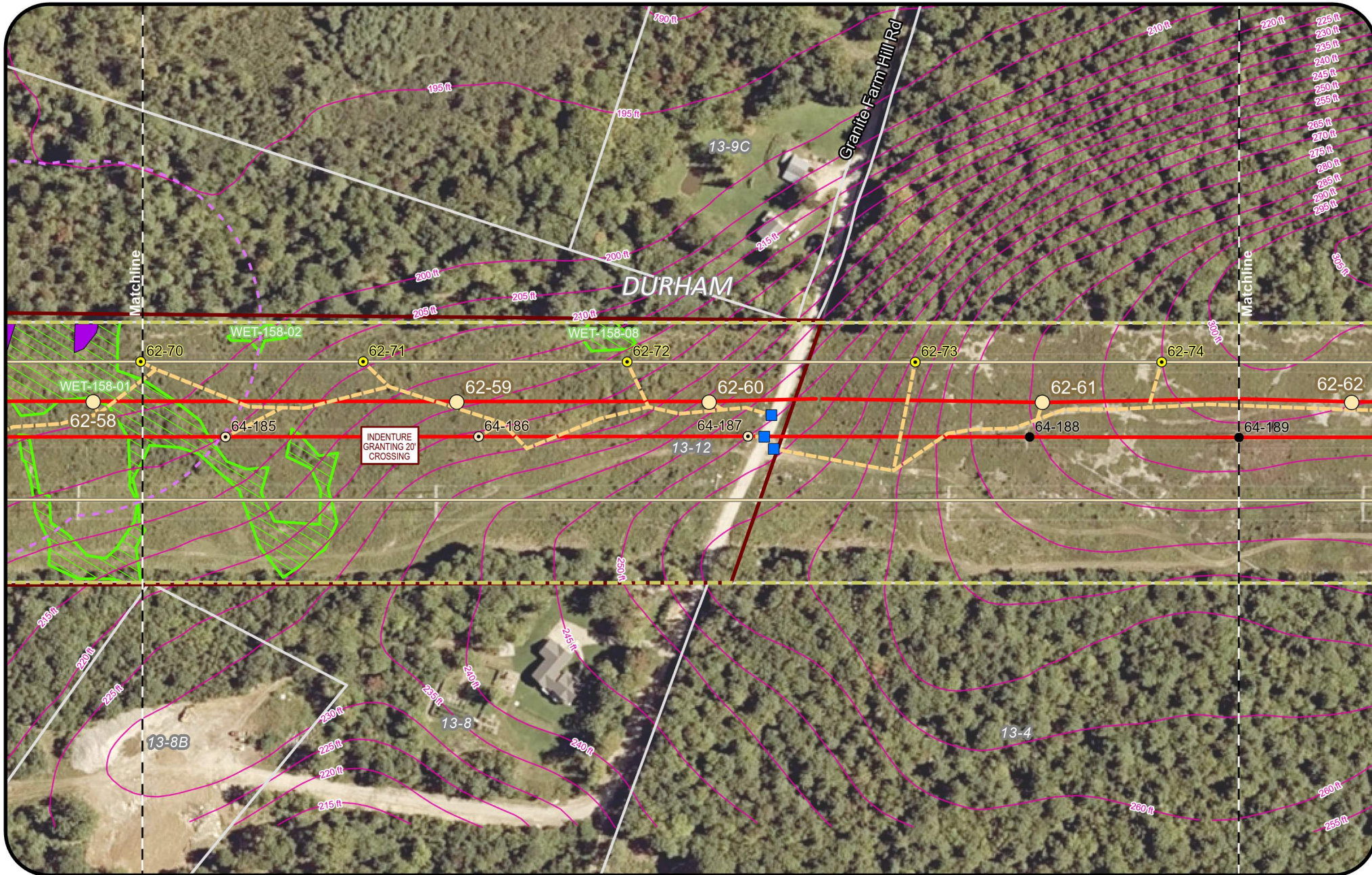


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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)
 Town of Durham Application 200
 Feet

CENTRAL MAINE POWER



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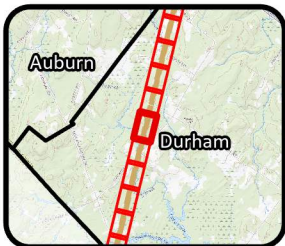
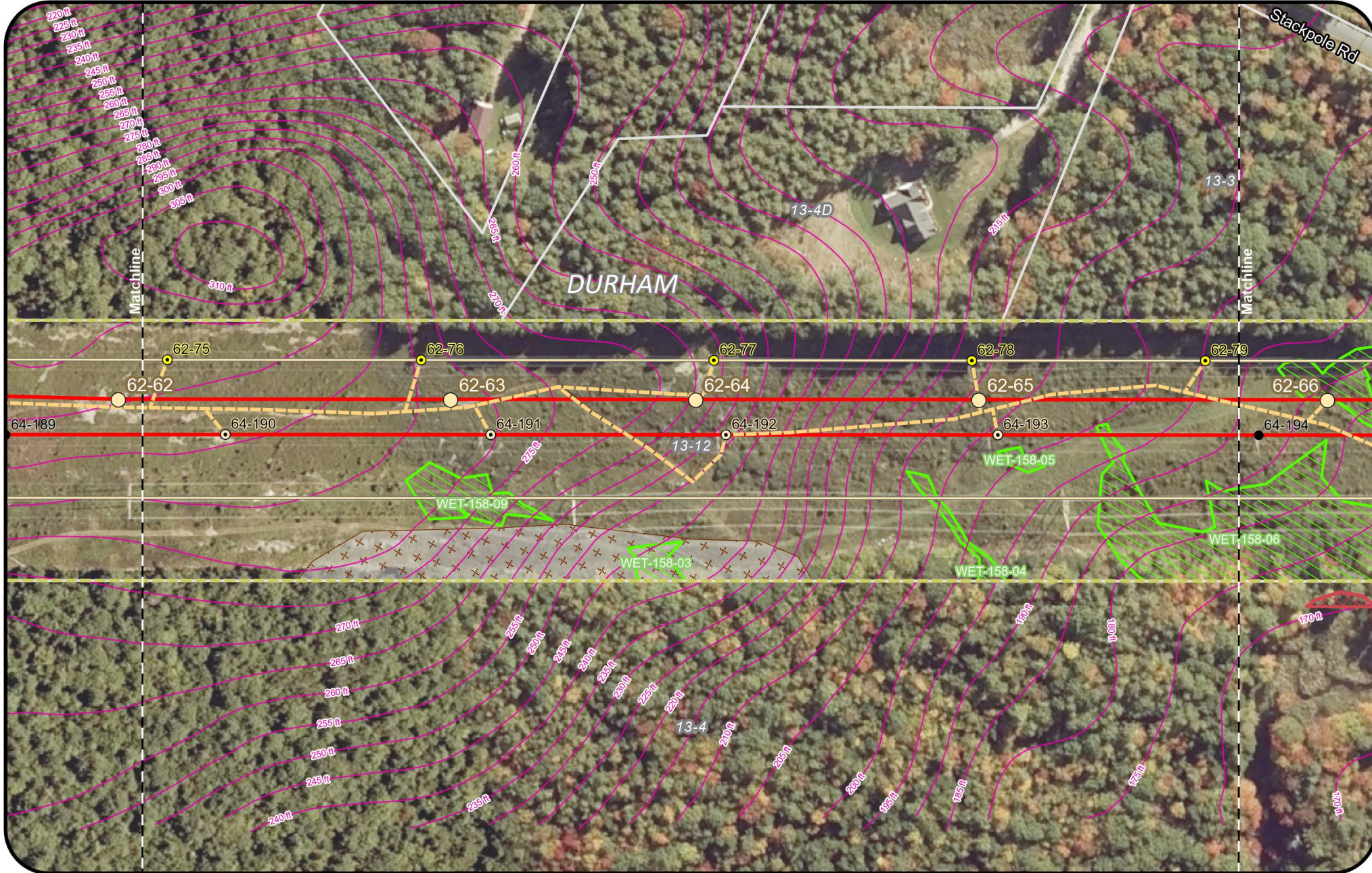
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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)

Town of Durham
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200

Feet



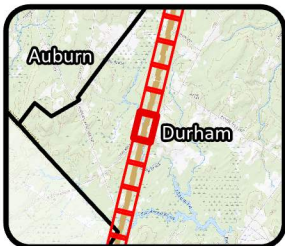
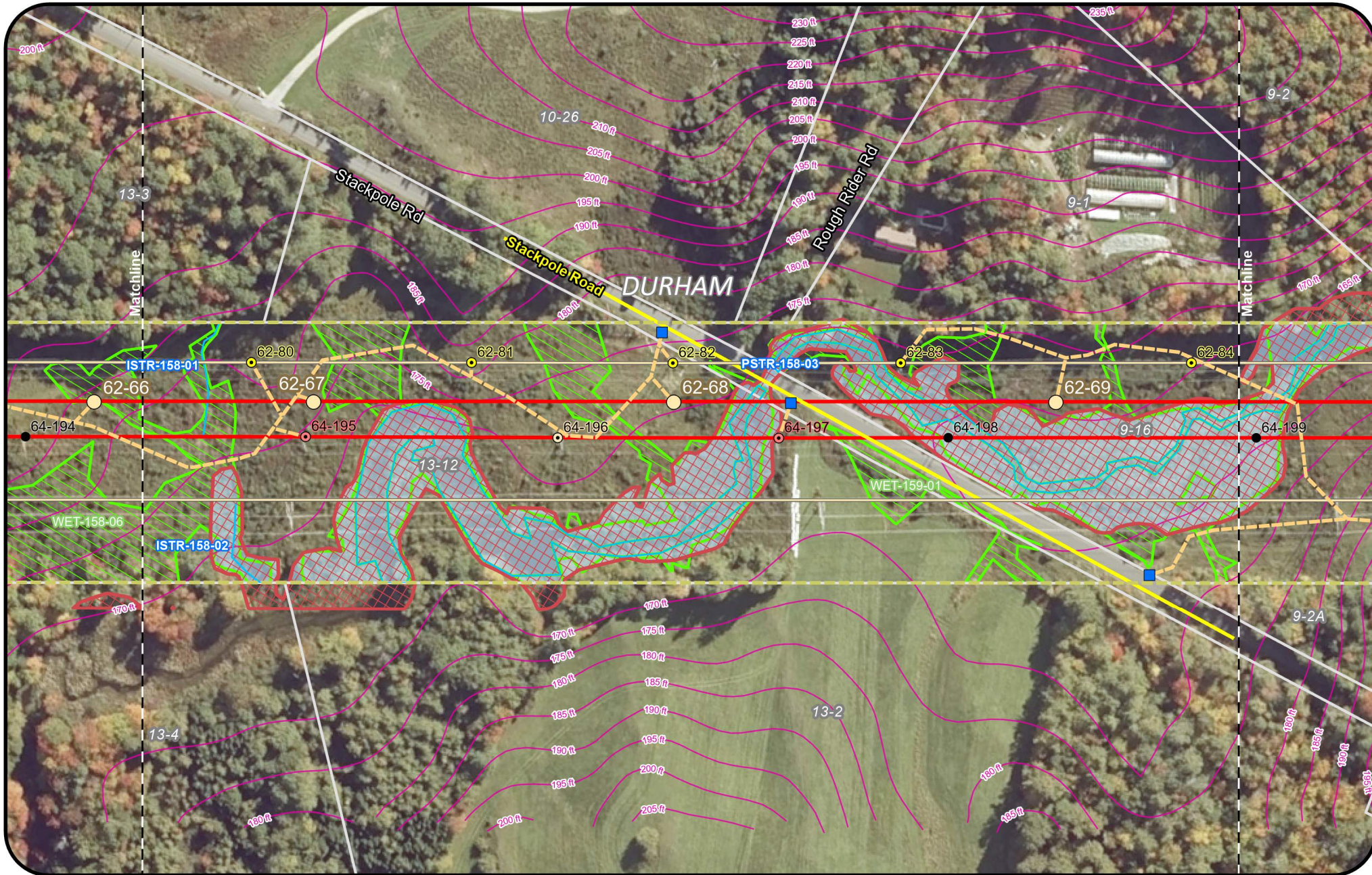


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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)
 Town of Durham
 Application
 200
 Feet

CENTRAL MAINE POWER



Legend

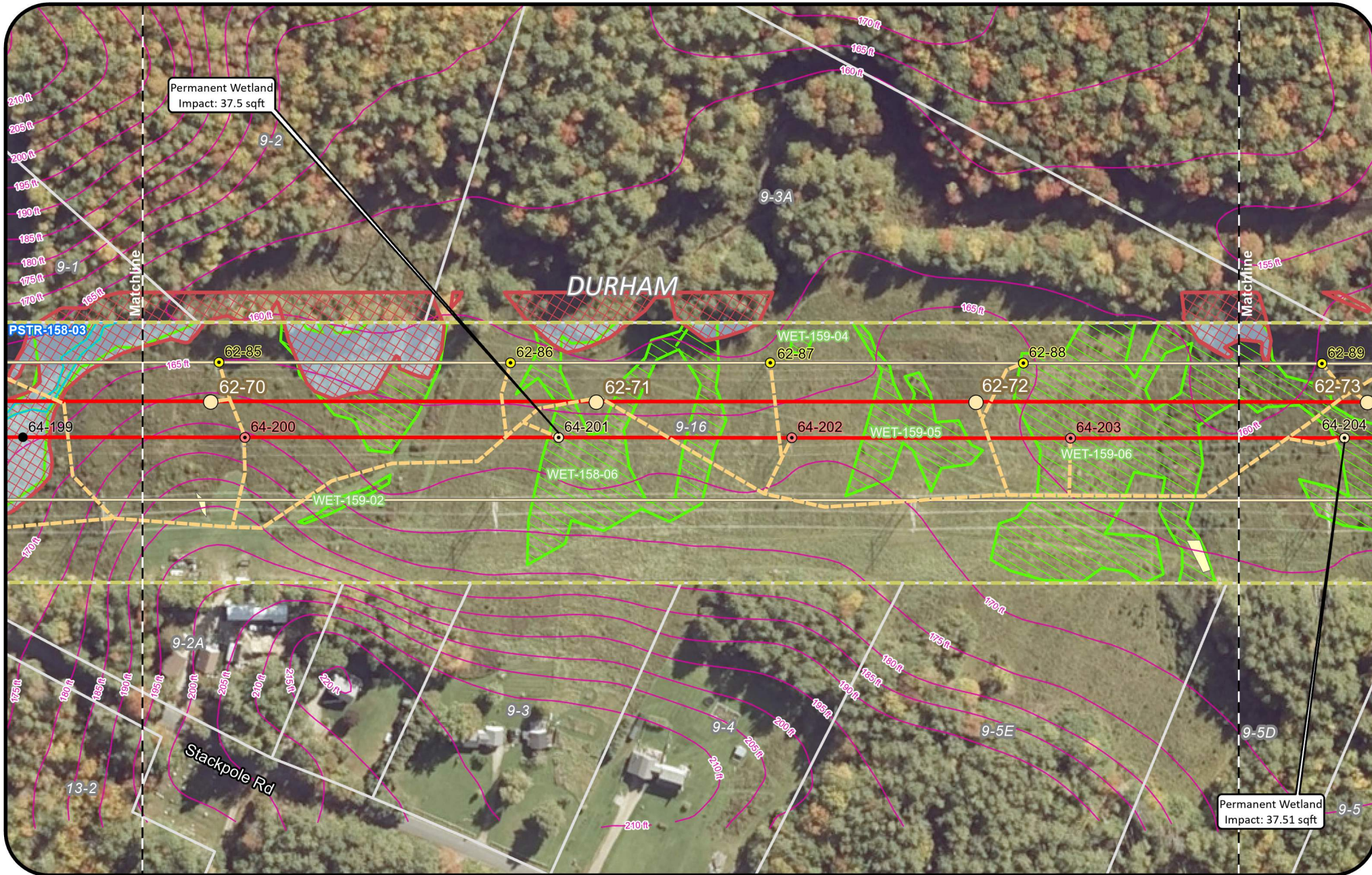
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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)

Town of Durham
Application
200

Feet





Permanent Wetland
Impact: 37.5 sqft

Permanent Wetland
Impact: 37.51 sqft



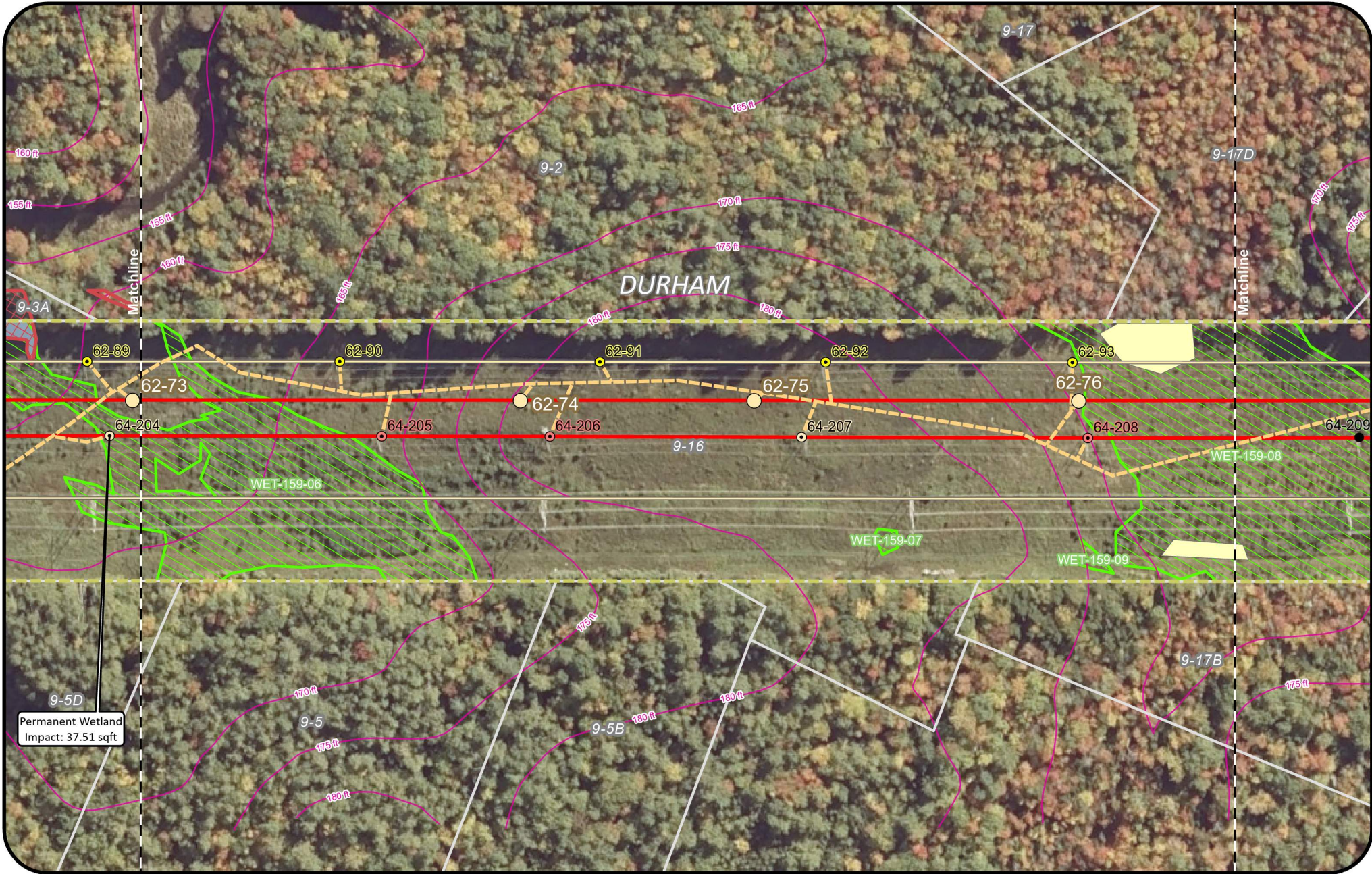
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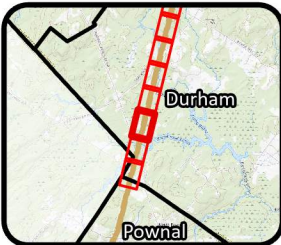
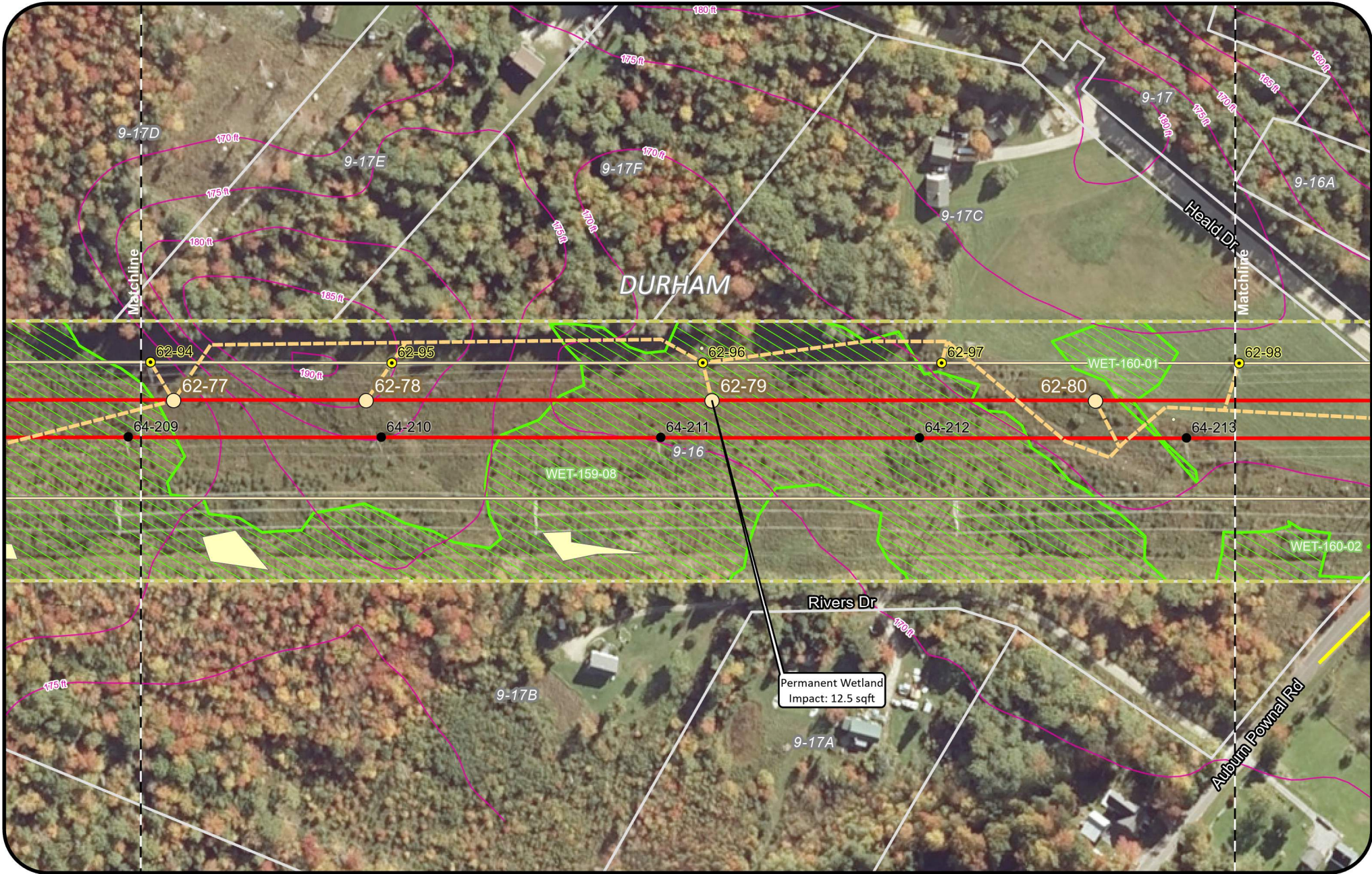
**Sections 62 and 64 High Voltage
Alternating Current Transmission Line
Rebuilds (115kV)**

Town of Durham
Application
200



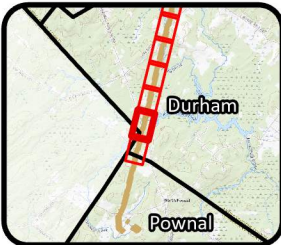
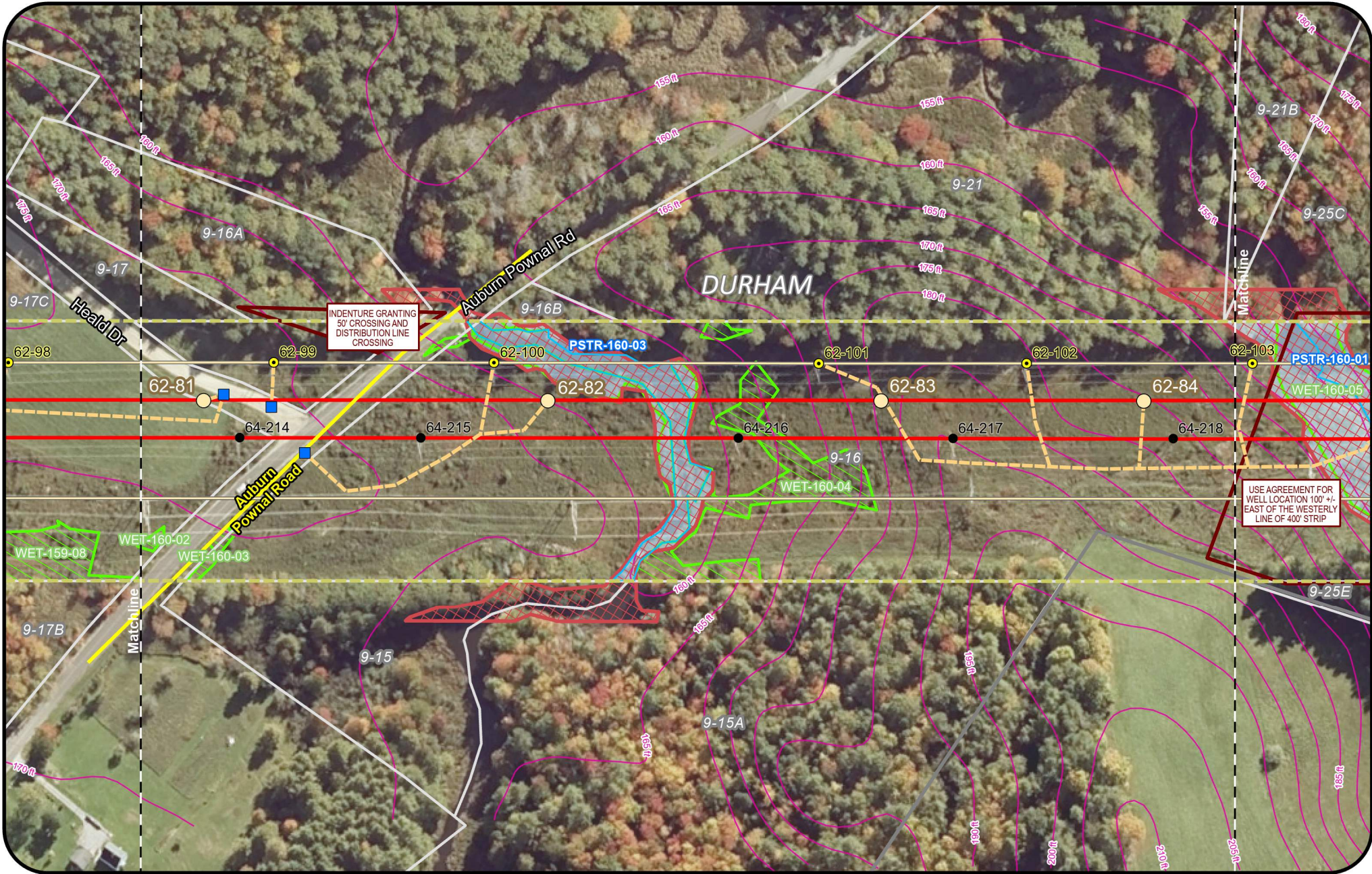


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**CENTRAL MAINE
POWER**

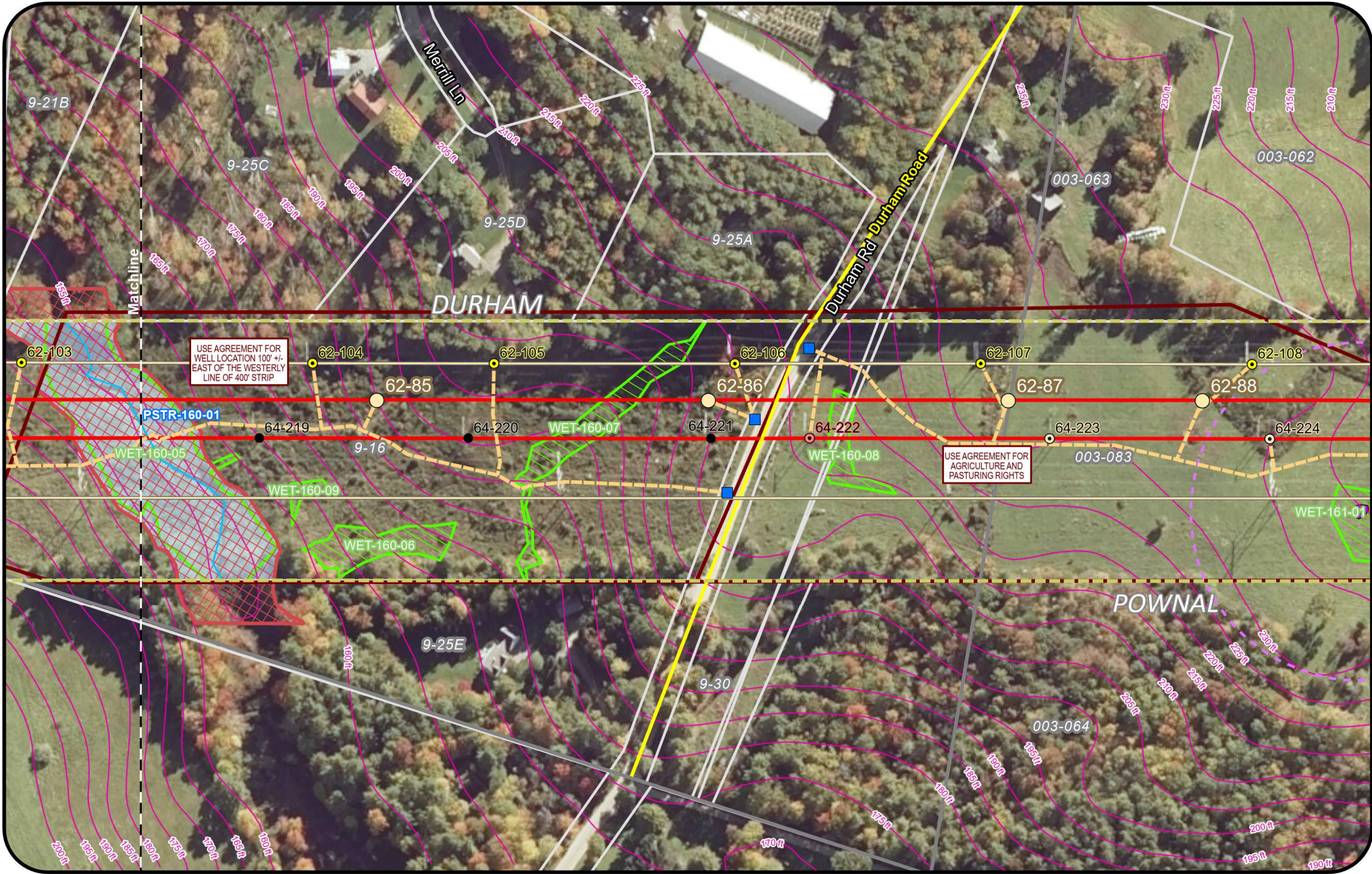


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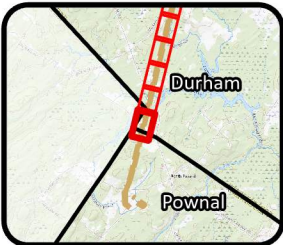
Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)
 Town of Durham Application 200
 Feet

CENTRAL MAINE POWER



USE AGREEMENT FOR WELL LOCATION 100' +/- EAST OF THE WESTERLY LINE OF 400' STRIP

USE AGREEMENT FOR AGRICULTURE AND PASTURING RIGHTS



Legend

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Sections 62 and 64 High Voltage Alternating Current Transmission Line Rebuilds (115kV)

Town of Durham
Application
200

Feet





**ATTACHMENT 2: EMAIL CORRESPONDENCE WITH THE TOWN OF DURHAM
FIRE CHIEF**

From: Robert Tripp <chief@durhammaine.gov>
Sent: Friday, March 15, 2024 11:06 AM
To: Barry, Danielle <danielle.barry@cmpco.com>
Cc: YATES, KATHRYN <kathryn.yates@avangrid.com>
Subject: RE: Fire/EMS Safety Training

EXTERNAL SENDER: Be cautious, especially with links and attachments. Report phishing if suspicious.

As per our recent phone conversation, we will opt to have the additional training at our next training date with CMP, scheduled for this October with Bob Wassick. Thank you for the opportunity for training.

Question, does CMP offer any grants for the response phase of this project through our town? We have limited funding and apparatus to respond to off road emergencies. This may include side by side vehicles or rescue equipment for difficult access areas.

Internal Use

From: Barry, Danielle <danielle.barry@cmpco.com>
Sent: Thursday, March 14, 2024 4:32 PM
To: Robert Tripp <chief@durhammaine.gov>
Cc: YATES, KATHRYN <kathryn.yates@avangrid.com>
Subject: Fire/EMS Safety Training

You don't often get email from danielle.barry@cmpco.com. [Learn why this is important](#)

Dear Chief,

I'm sorry I didn't catch you by phone earlier today. As I mentioned in my voicemail there are upgrades associated with the New England Clean Energy Connect project in CMP's transmission corridor in Durham. To ensure communication with local first responders and also increase safe practices around utility lines, we are offering training sessions to all fire departments and associated personnel in towns along the project route. We would appreciate the opportunity to work with your department. I am aware that you have already spoken with Bob Wassick with regards to training and that we do have a scheduled CMP safety training in October of this year. This would be in replacement of that or the NECEC portion would be in addition to.

The training we are hoping to share covers CMP's emergency processes, coordination procedures with first responders, and first responder safety related to utility equipment. There is

also information about the NECEC project, and the measures already taken by the project staff and contractors regarding emergency preparedness.

This training will be approximately 90-120 minutes in length depending on questions. We can organize this training at a time that is convenient for your staff, whether that be during already scheduled training times or in the evening. We can also do multiple trainings to catch all shifts if needed.

In addition to what we presented, if you have mutual aid with another local department and feel it would be beneficial to have a training together, we don't mind you extending the invitation beyond Durham FD.

We look forward to hearing back from you if you are interested in shifting your training to an earlier date or adding our NECEC information meeting to another date/time.

Have an awesome afternoon.

~Danielle

Danielle Barry
EH&S Community Relations
Lead Analyst, Public Education & Training

83 Edison Drive, Augusta, ME 04330
Cell Phone 207.530.7168
danielle.barry@cmpco.com

Internal Use