



TOWN COUNCIL – AGENDA REQUEST FORM

THIS FORM WILL BECOME PART OF THE BACKGROUND INFORMATION USED BY THE COUNCIL AND PUBLIC

Please submit Agenda Request Form, including back up information, 8 days prior to the requested meeting date. **Public Hearing requests must be submitted 20 days prior to the requested meeting date to meet publication deadlines** (exceptions may be authorized by the Town Manager, Chairman/Vice Chair).

MEETING INFORMATION

Date Submitted: July 7, 2021 Date of Meeting: July 15, 2021
Submitted by: Dawn Tuomala Time Required: 10 minutes
Department: DPW-Admin Background Info. Supplied: Yes No
Speakers: Dawn Tuomala

CATEGORY OF BUSINESS (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Appointment: Recognition/Resignation/Retirement:
Public Hearing: Old Business:
New Business: Consent Agenda:
Nonpublic: Other:

TITLE OF ITEM

Release of Capital Reserve Drainage Improvement Funds

DESCRIPTION OF ITEM

Release of the remaining drainage funds for 2020-2021 to perform the needed drainage improvements on various projects (see attached).

REFERENCE (IF KNOWN)

RSA: Warrant Article:
Charter Article: Town Meeting:
Other: N/A:

EQUIPMENT REQUIRED (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Projector: Grant Requirements:
Easel: Joint Meeting:
Special Seating: Other:
Laptop: None:

CONTACT INFORMATION

Name: **Dawn Tuomala** Address: **Town Hall**
Phone Number: **424-5137** Email Address: **dtuomala@merrimacknh.gov**

APPROVAL

Town Manager: Yes No Chair/Vice Chair: Yes No

Hold for Meeting Date:



**TOWN OF MERRIMACK
INTER-DEPARTMENT COMMUNICATION**

DATE: May 21, 2021
AT (OFFICE): Department of Public Works

FROM: Dawn B. Tuomala, PE, LLS, CWS
Deputy Director/Town Engineer

To: Paul Micali, Town Manager

SUBJECT: **Release of Drainage Improvement Funds**
Account No. 01-08-8910

Public Works is requesting the release of \$230,000 from the Infrastructure Capital Fund for the following drainage improvements:

- \$115,000 – For drainage culverts on South Baboosic Lake Road near the Amherst Town Line.
- \$65,000 - For 3 catch basin replacements and 345 feet of culvert pipe on So Baboosic Lake Road near Trowbridge Drive
- \$50,000 - Thornton Road West – replace 3 existing culverts

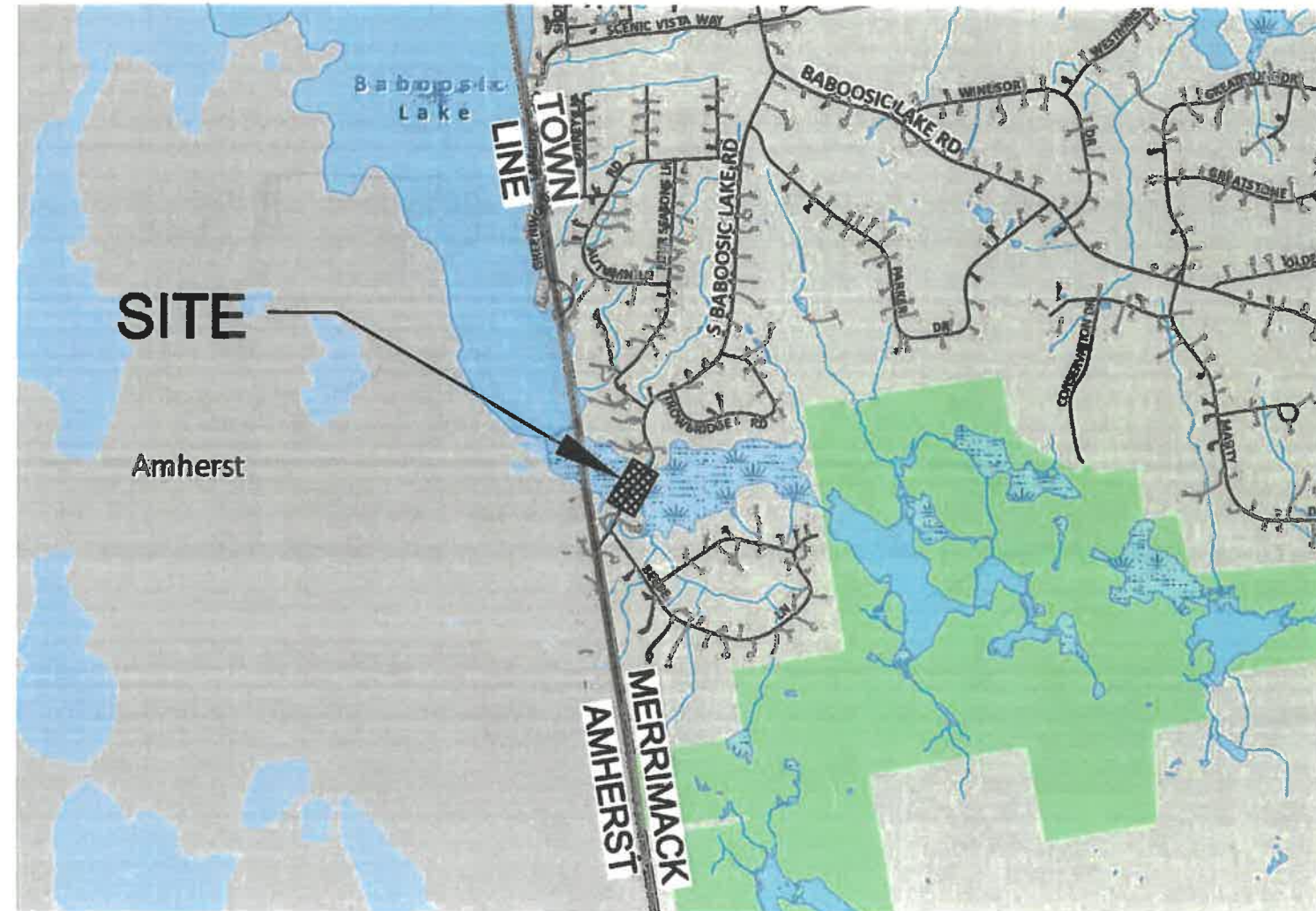
Should you have any questions please let me know,

Dawn

CC: Kyle Fox; Director
File

SOUTH BABOOSIC LAKE ROAD CULVERT REPLACEMENT PROJECT

JULY , 2018



GENERAL CONSTRUCTION NOTES

1. THE LOCATION OF THE UTILITIES SHOWN ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PRESERVE ALL UTILITY SERVICES.
2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND COORDINATING WITH ALL UTILITY COMPANIES AND JURISDICTIONAL AGENCIES PRIOR TO AND DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SCOPE OF PROPOSED WORK PRIOR TO CONSTRUCTION.

| Sheet No. | Description |
|-----------|--------------------------------|
| 2 | EXISTING CONDITIONS |
| 4 | PROPOSED IMPROVEMENTS |
| 5 | CULVERT DETAILS & PROFILE |
| 6 | GUARDRAIL DETAILS |
| 7 | ROAD & EROSION CONTROL DETAILS |

GOVERNING AGENCY
DIRECTOR OF PUBLIC WORKS
KYLE FOX

DEPUTY DIRECTOR/TOWN ENGINEER
DAWN TUOMALA

DEPARTMENT OF PUBLIC WORKS
TOWN OF MERRIMACK
6 BABOOSIC LAKE ROAD
MERRIMACK, NH 03054
(603) 424-5137



VICINITY MAP
SCALE: 1 INCH = 250 FEET

TOWN OF MERRIMACK
DEPARTMENT OF PUBLIC WORKS
6 BABOOSIC LAKE ROAD
MERRIMACK, NH 03054
(603) 424-5137 (603) 423-8539 (FAX)
JULY 2, 2018



DRAWN BY: AB REV:
APPROVED BY:
SHEET NO. 1 OF 7

LEGEND

Contours _____

Existing CMP Culvert _____

Existing Guardrail _____

APPROXIMATE RIGHT OF WAY (Based on GIS Data) _____

Notes:

- 1- Existing 36" CMP
Length = 60'
Slope = 0.008
Replace with 46" RCP
- 2- Existing 36" CMP
Length = 60'
Slope = 0.007
Remove Existing
- 3- Existing 36" CMP
Length = 60'
Slope = 0.029
Replace with 46" RCP

TBM 507
Nail Set in
Pole #62 1/2
ELEV = 102.77

5A-11
Diane M Habegger
449 South Baboosic Lake Rd
Merrimack, NH 03054
8699 / 0236 10/10/2014
HCRD Plan No. 10211

5A-24
Adonis El Fakh
442 South Baboosic Lake Rd
Merrimack, NH 03054
8454 / 1215 07/31/2012
HCRD Plan No. 7658

5A-25
James G. Buss
450 South Baboosic Lake Rd
Merrimack, NH 03054
6135 / 0241 04/29/2003
HCRD Plan No. 5338

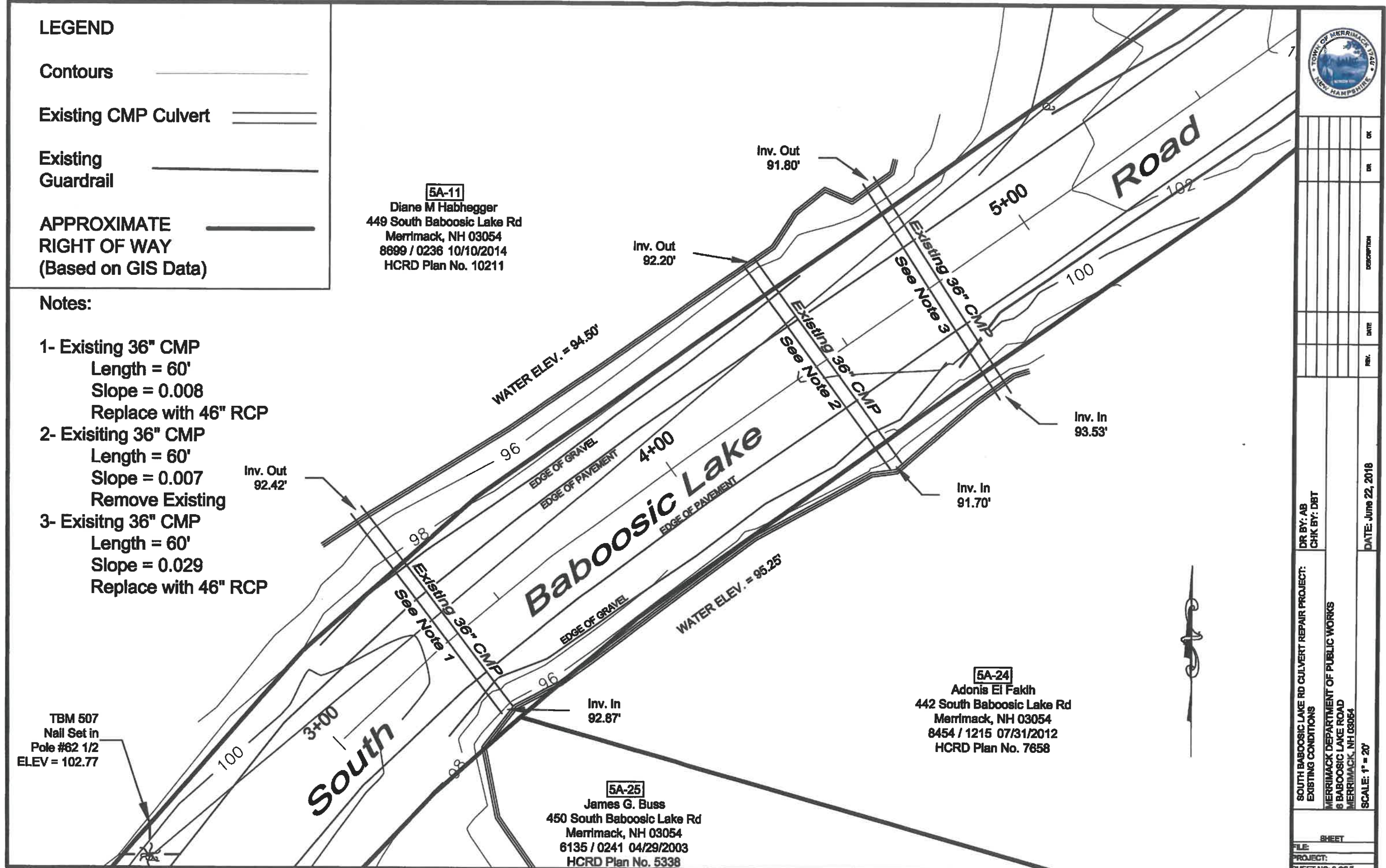


| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |
| | | |

DR BY: AB
CHK BY: DBT
DATE: June 22, 2016

SOUTH BABOOSIC LAKE RD CULVERT REPAIR PROJECT:
EXISTING CONDITIONS
MERRIMACK DEPARTMENT OF PUBLIC WORKS
8 BABOOSIC LAKE ROAD
MERRIMACK, NH 03054
SCALE: 1" = 20'

SHEET
PROJECT:
SHEET NO: 3 OF 7



LEGEND

- Existing Contours 109
- Proposed Contours 97
- Proposed Pipe/ Headwalls
- Guardrail
- Silt Fence

CONSTRUCTION NOTES:

- ① CONSTRUCT 48" RCP
INV IN = 93.6
INV OUT = 93.0
L= 60' S= 1%
- ② REMOVE EXISTING 36" CMP
- ③ CONSTRUCT 48" RCP
INV IN = 94.3
INV OUT = 93.7
L= 60' S= 1%

ADDITIONAL NOTES:

1. TOPOGRAPHY BASED ON FIELD SURVEY PERFORMED ON JUNE 21, 2018
2. PROPERTY LINE DATA FROM TOWN GIS SYSTEM AND RECORDED PLANS OF RECORD



| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |
| | | |

DR BY: AB
CHK BY: DBT
DATE: June 22, 2018

SOUTH BABOOSIC LAKE RD CULVERT REPAIR PROJECT:
PROPOSED IMPROVEMENTS
MERRIMACK DEPARTMENT OF PUBLIC WORKS
6 BABOOSIC LAKE ROAD
MERRIMACK, NH 03054
SCALE: 1" = 20'

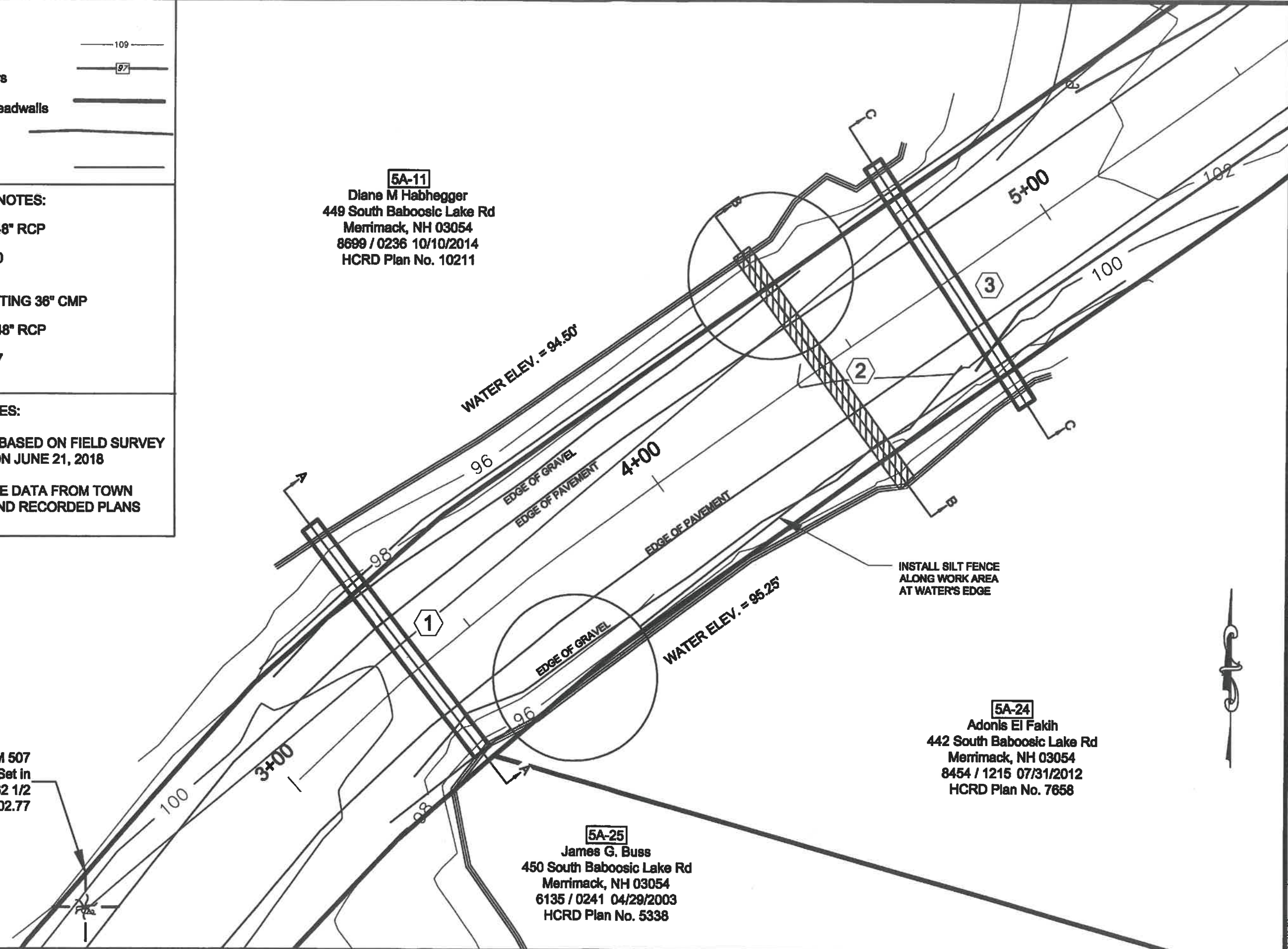
SHEET
PROJECT:
SHEET NO: 4 OF 7

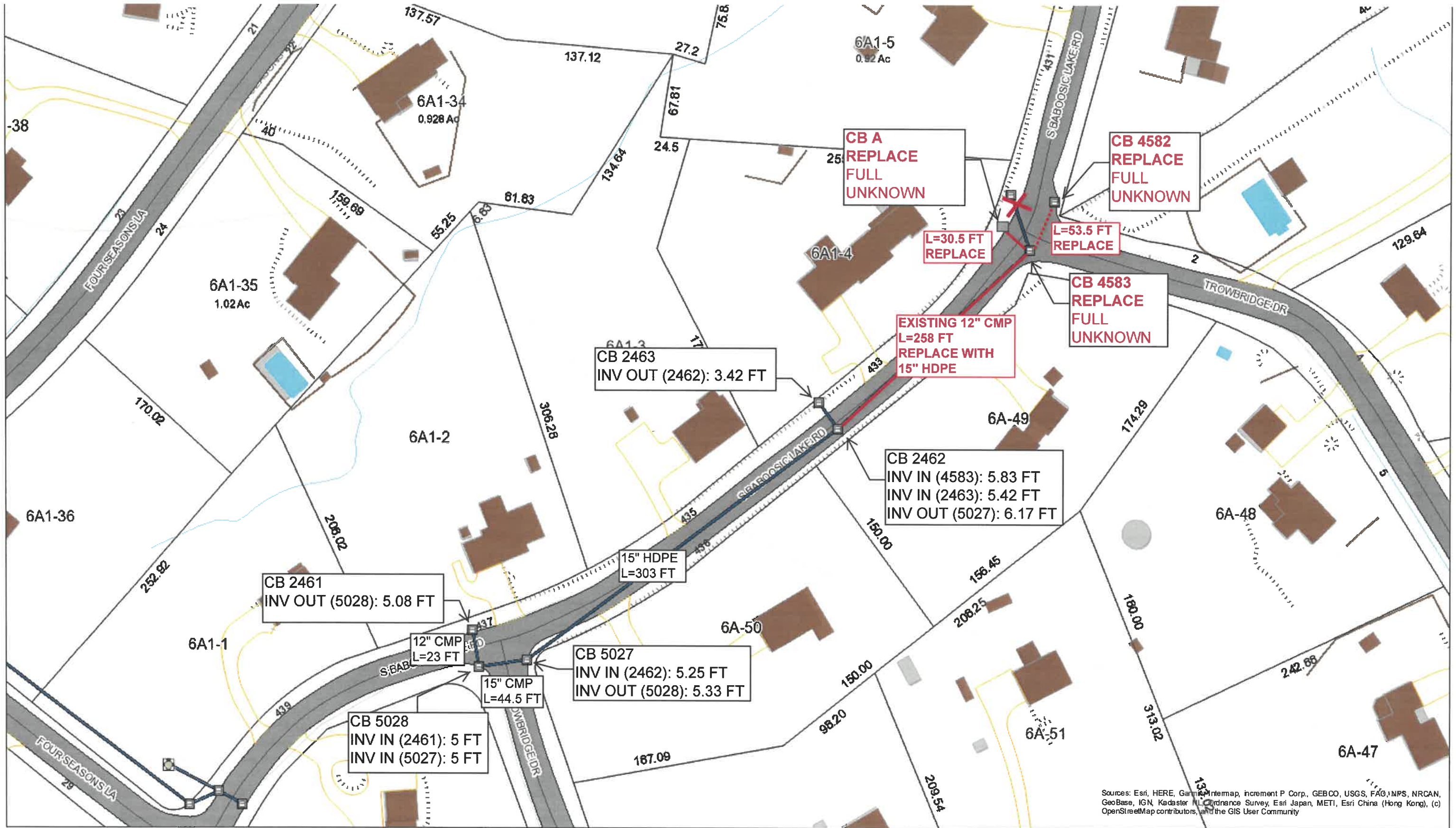
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TBM 507
Nail Set in
Pole #62 1/2
ELEV = 102.77





Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

S BABOOSIC LAKE RD DRAINAGE

MERRIMACK DEPARTMENT OF PUBLIC WORKS
 6 BABOOSIC LAKE RD
 MERRIMACK, NH 03054
 SCALE: 1 INCH = 100 FEET
 DATE: JULY 6, 2021

Town of
 Merrimack
 New Hampshire



| Legend | | | |
|--------|--|--|--|
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CULVERT 1



West end of culvert.



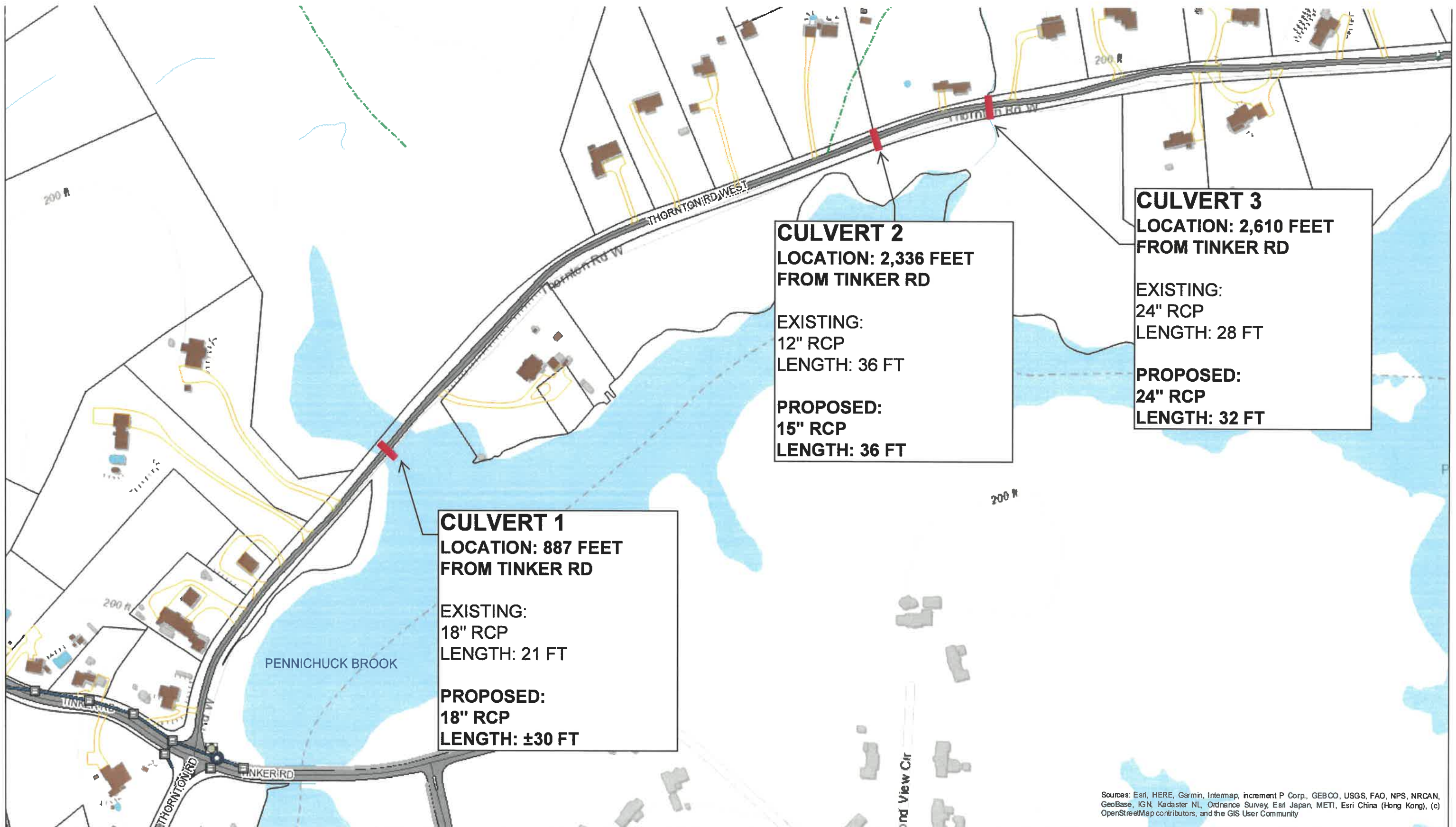
East end of culvert.

S BABOOSIC LAKE RD DRAINAGE

MERRIMACK DEPARTMENT OF PUBLIC WORKS

6 BABOOSIC LAKE RD

MERRIMACK, NH 03054



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THORNTON ROAD WEST
 MERRIMACK DEPARTMENT OF PUBLIC WORKS
 6 BABOOSIC LAKE RD
 MERRIMACK, NH 03054
 SCALE: 1 INCH = 300 FEET
 DATE: JULY 1, 2021

Town of Merrimack
 New Hampshire
 ↑



| Legend | | | |
|-----------------------|----------------------|------------------|---------------|
| — Catch Basin | ■ Culvert | — Pool | — Road |
| — Stormwater Manholes | ... Stormwater As | — Easements | — Highway |
| — Discharge Location | ... Built Plan Areas | ... Parcels | — Railroad |
| — Headwall | ... Driveways | — Road Labels | — Trails |
| — Stormwater Pipe | — Building | — Sidewalk | — Wall |
| | | — Streams/Rivers | — Waterbodies |
| | | — Waterbody | — Wetland |

CULVERT 1



South end of culvert.



Top of culvert on Thornton Road West facing east.



North end of culvert.

THORNTON ROAD WEST
MERRIMACK DEPARTMENT OF PUBLIC WORKS
6 BABOOSIC LAKE RD
MERRIMACK, NH 03054

CULVERT 2



North end of culvert.



Top of culvert on Thornton Road West facing west.



South end of culvert.

THORNTON ROAD WEST
MERRIMACK DEPARTMENT OF PUBLIC WORKS
6 BABOOSIC LAKE RD
MERRIMACK, NH 03054

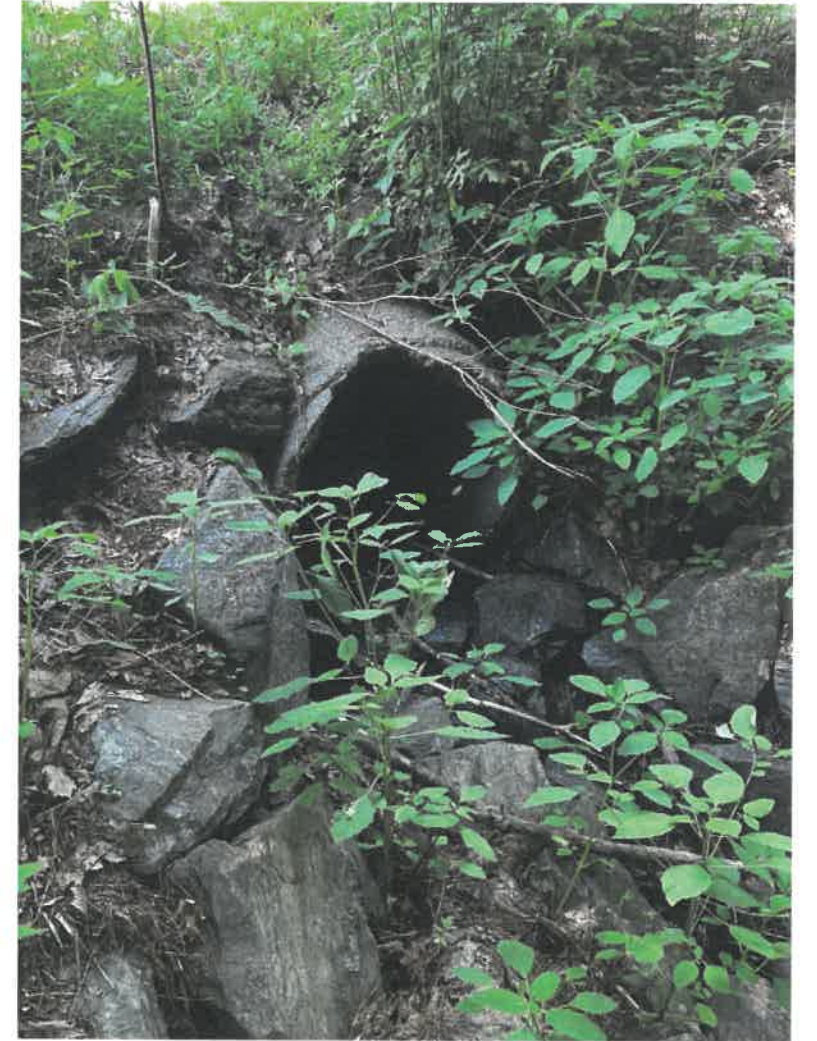
CULVERT 3



North end of culvert.



Top of culvert on Thornton Road West facing east.



South end of culvert.

THORNTON ROAD WEST
MERRIMACK DEPARTMENT OF PUBLIC WORKS
6 BABOOSIC LAKE RD
MERRIMACK, NH 03054