





## TOWN OF MERRIMACK INTER-DEPARTMENT COMMUNICATION

**DATE:** May 10, 2023

**AT (OFFICE):** Department of Public Works

**TO:** Paul Micali, Town Manager

**FROM:** Dawn B. Tuomala, PE, LLS, CWS  
DPW Director

**SUBJECT: Release of Road Infrastructure Capital Funds  
Account No. 01-08-8910**

Public Works is requesting the release of the funds in the Road Infrastructure Capital Reserve Fund for Drainage Improvements – \$130,000

\$130,000 For Drainage work on So Baboosic Lake Road regarding drainage structures and piping that needs to be replaced prior to paving the road between the Amherst Town Line and Baboosic Lake Road:

1. Replace 3 failing culverts near the Amherst Town Line
2. Replace a failing 18” culvert near the intersection of XXX
3. Replace several catch basins and piping near Trowbridge Road
4. Replace the existing Catch Basin in the middle of the road

Should you have any questions please let me know,

Dawn

CC: File

# SOUTH BABOOSIC LAKE ROAD CULVERT REPLACEMENT PROJECT

## AUGUST, 2022



### 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	PROJECT AREA 2 PLANS
7	PROJECT AREA 3 PLANS
8	GUARDRAIL DETAILS
9	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) 424-8558 (FAX)  
 JULY 2, 2018



DRAWN BY: AB REV:  
 APPROVED BY:  
 SHEET NO. 1 OF 9

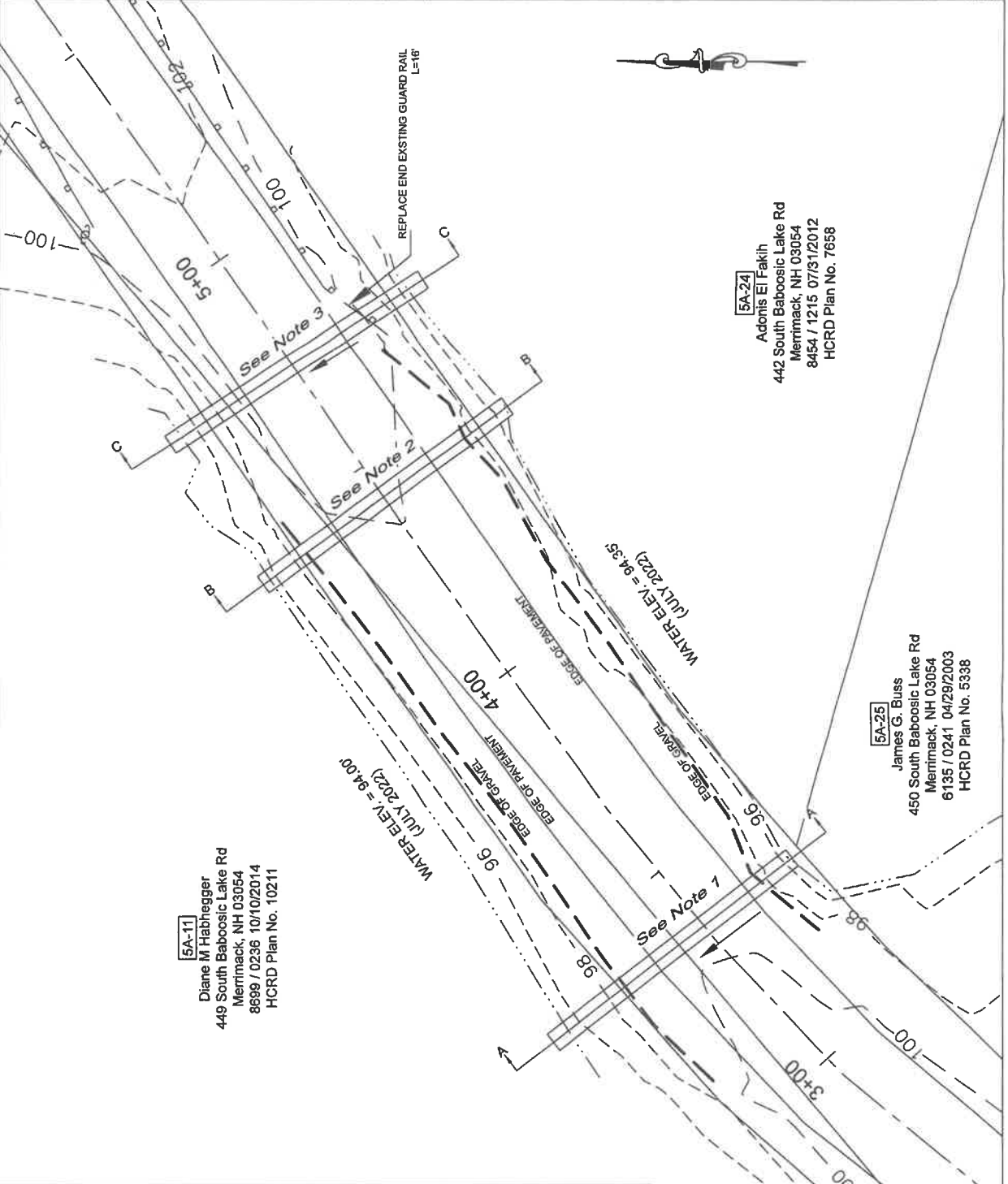


REV.	DATE	DESCRIPTION	BY	CHK

DATE: AUGUST 1, 2022  
 DR BY: AB  
 CHK BY: DBT

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

SHEET  
 PROJECT  
 SHEET NO. 4 OF 9



**LEGEND**

Existing Contours	--- 100 ---
Proposed Contours	--- 07 ---
Proposed Pipe/ Headwalls	--- 07 ---
Guardrail	--- 07 ---

**CONSTRUCTION NOTES:**

① REMOVE EXISTING 36" CMP  
 CONSTRUCT 48" RCP  
 INV IN = 93.9  
 INV OUT = 92.7  
 L= 60'. S= 2%

② REMOVE EXISTING 36" CMP  
 CONSTRUCT 48" RCP  
 INV IN = 93.4  
 INV OUT = 92.2  
 L= 60'. S= 2%

③ REMOVE EXISTING 36" CMP  
 CONSTRUCT 48" RCP  
 INV IN = 94.3  
 INV OUT = 93.1  
 L= 60'. S= 2%

**ADDITIONAL NOTES:**

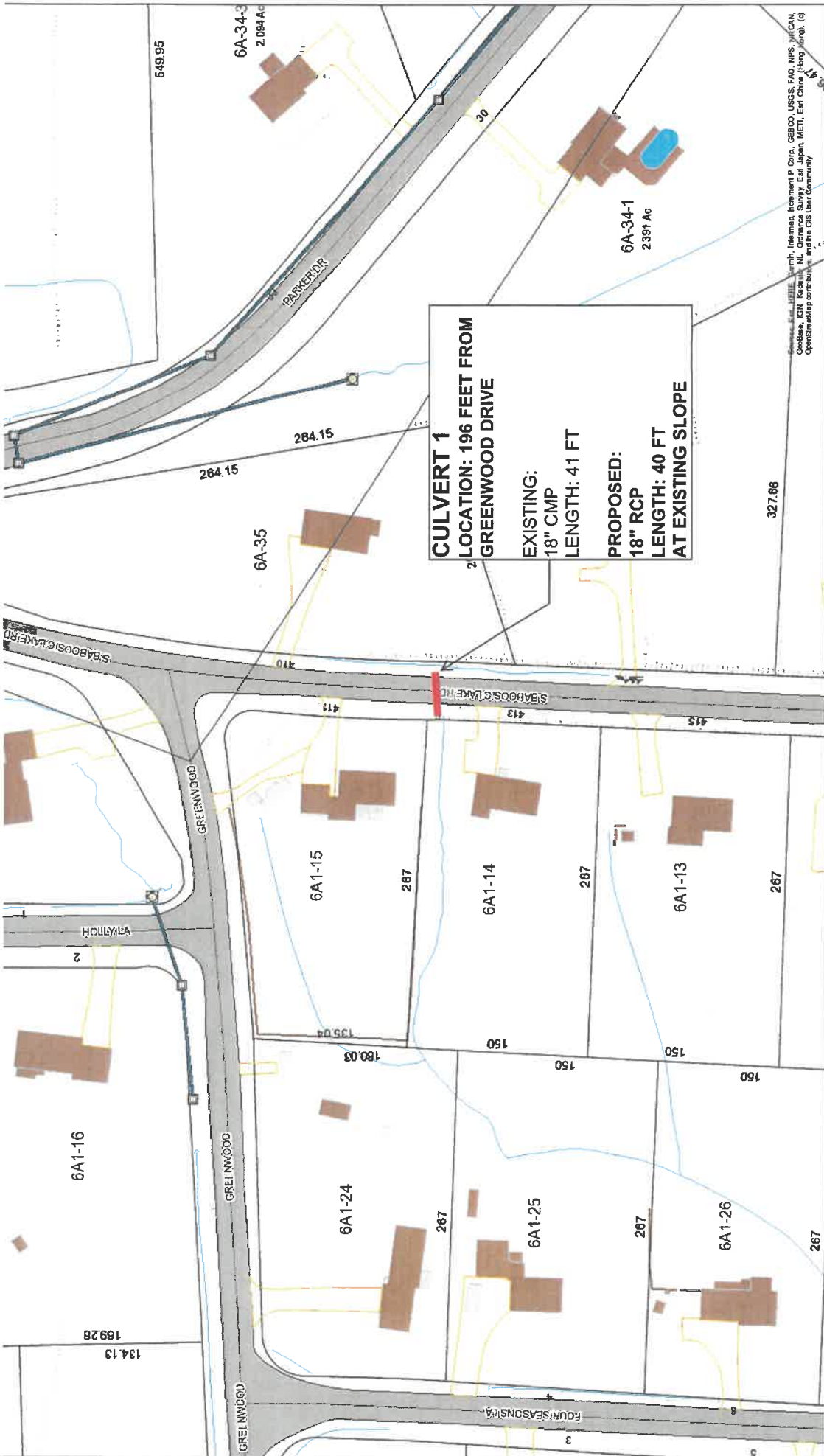
1. TOPOGRAPHY BASED ON FIELD SURVEY PERFORMED ON JUNE 21, 2018

2. PROPERTY LINE DATA FROM TOWN GIS SYSTEM AND RECORDED PLANS OF RECORD

3. SEE TYPICAL PATCH DETAIL SHEET 9

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





**CULVERT 1**  
 LOCATION: 196 FEET FROM  
 GREENWOOD DRIVE  
 EXISTING:  
 18" CMP  
 LENGTH: 41 FT  
 PROPOSED:  
 18" RCP  
 LENGTH: 40 FT  
 AT EXISTING SLOPE

# 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

- Culvert
- Catch Basin
- Stormwater
- Manholes
- Discharge
- Location
- Headwall
- Stormwater
- Pipe
- Pool
- Easements
- Parcels
- Road Labels
- Roadways
- Building
- Wall
- Fence
- Stream Label
- Road
- Highway
- Railroad
- Trails

Source: Esri, DeLorme, Intermap, Inetmap, Inc., GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, IGN, Korea, NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox, and the GIS User Community

# CULVERT 1



West end of culvert.



East end of culvert.

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## S BABOOSIC LAKE RD DRAINAGE

MERRIMACK DEPARTMENT OF PUBLIC WORKS

6 BABOOSIC LAKE RD

MERRIMACK, NH 03054