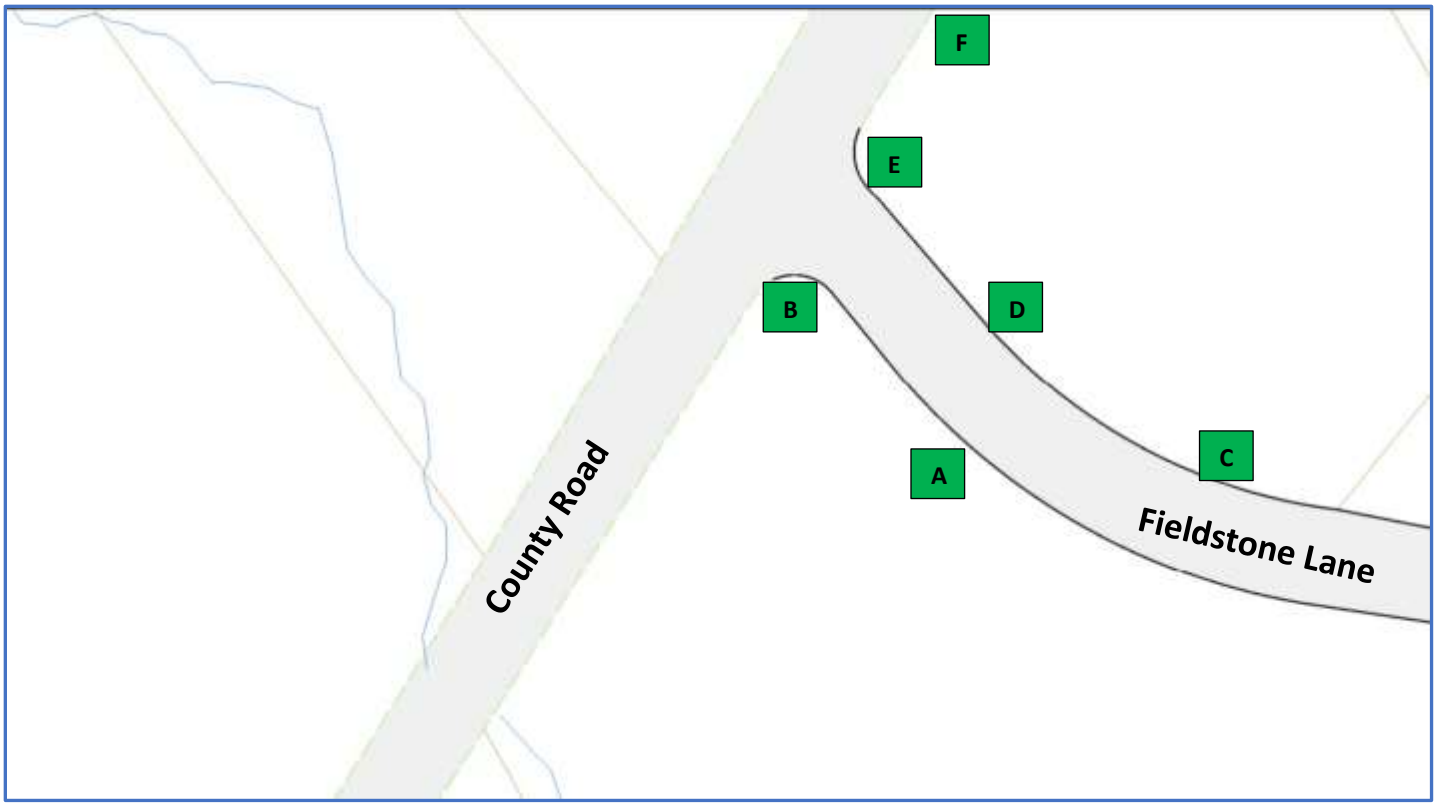
NL Planning Board – 12/14/2021

1. **Update on Stormwater Work - Summer/Fall 2021**

2. **Progress on Messer Pond Watershed Plan Goals**

3. **Plans for 2022**

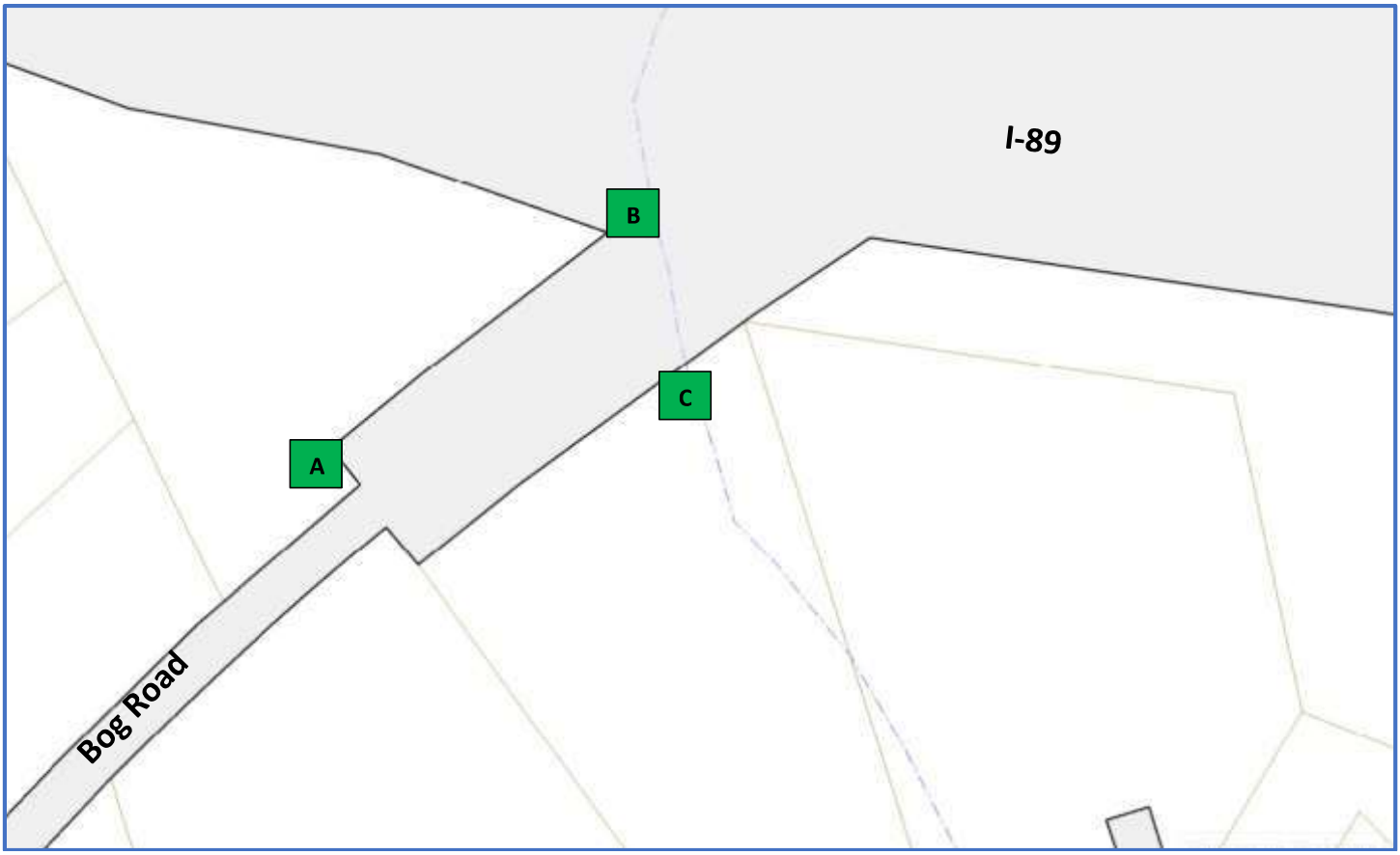


Site A: Upgrade eroding shoulder by removing soft sandy material – fill with gravel by road and seeded mulch/compost mix	**Site D:** Upgrade eroding shoulder leading to catch basin by removing soft sandy material – install a series of check dams
Site B: Dig out and add trap rock in ditch leading to culvert outflow	**Site E:** Replace existing catch basin with deep sump catch basin (~3')
Site C: Upgrade eroding shoulder by removing soft sandy material – install a series of check dams	**Site F:** Repair existing drop inlet

Site A

Site D

Site F



Site A: Upgrade eroding shoulder by removing soft sandy material – fill with gravel by road and seeded mulch/compost mix
Site B: Dig out and add swale in ditch leading to culvert outflow
Site C: Dig out and add swale in ditch leading to culvert inflow

Site A looking north

1. Add swale in ditch at downstream side of Haas Brook Culvert	6. Dig out/add trap rock (~10') to ditch leading to catch basin on east side of driveway at 232	10. Install vegetative buffer from Nutter Brook Culvert to driveway at 329 to limit area for roadside parking - fill with mulch/compost mix (50'x10')
2. Repair the check dam before Haas Brook culvert on upstream side	6a. Dig out/add trap rock (~15') to ditch leading to catch basin on east side of driveway at 260	11. Improve vegetation in ditch across from 357 by dropping some mulch/compost mix on bare spots (50'x10')
3. Nothing required at this site – repair at #2 will address issues	7. Dig out/add trap rock (~10') to ditch leading to catch basin near the driveway at 260	12. Dig out/add trap rock (~20') to ditch leading to catch basin at the driveway at 412
4. Repair the ditch across from 203	7a. Dig out/add trap rock (~10') to ditch leading to catch basin	13. Dig out/add trap rock (~20') to ditch leading to catch basin at the driveway at 442
5. Dig out/add trap rock (~75') to ditch leading to catch basin on west side of driveway at 232	8a,b. Dig out/add trap rock (~15') to both ditches leading to the two catch basins across the road from 287	14. Drop mulch/compost mix on bare spots to extend vegetative buffer on upstream side of Brown Brook (20'x10')
	9. Add swale in ditch across from 305 that leads to culverts before the driveway at 324	

Site 12

Site 14

MESSER POND
WATERSHED-BASED IMPLEMENTATION PLAN

Photo: Nancy Stetson, MPPA

Prepared by

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Amherst, NH 03031

Prepared for

Messer Pond Protective Association
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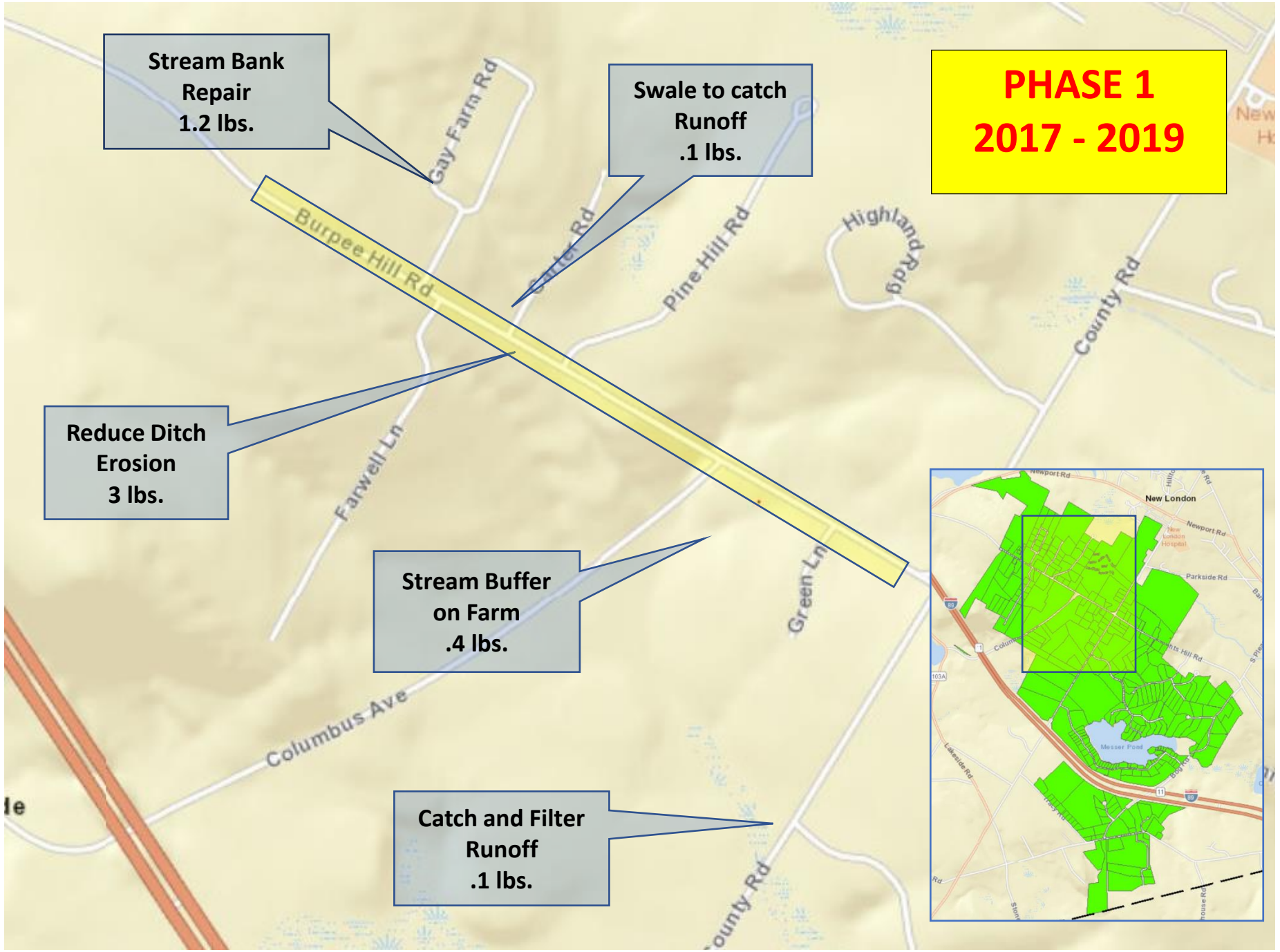
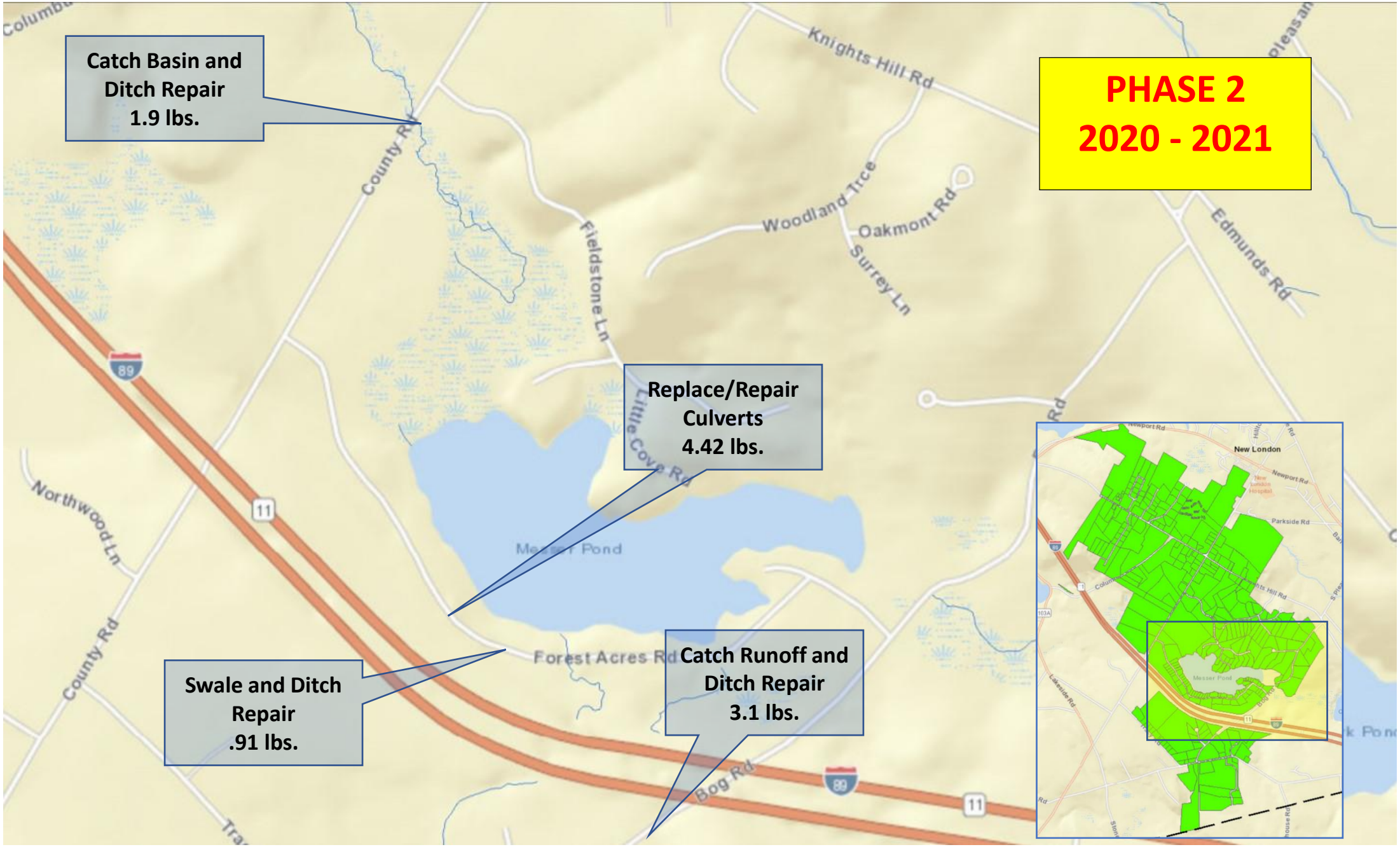
Submitted to

New Hampshire Department of Environmental Services
Watershed Assistance Section
29 Hazen Drive, PO Box 95
Concord, NH 03302

April 4, 2016


Stream Bank Repair 1.2 lbs.
Swale to catch Runoff .1 lbs.
PHASE 1 2017 - 2019
Reduce Ditch Erosion 3 lbs.
Stream Buffer on Farm .4 lbs.
Catch and Filter Runoff .1 lbs.
Burpee Hill Rd
Gay Farm Rd
Carter Rd
Pine Hill Rd
Highland Rd
County Rd
Farwell Ln
Green Ln
Columbus Ave
New London
Messer Pond


Catch Basin and Ditch Repair 1.9 lbs.
PHASE 2 2020 - 2021
Replace/Repair Culverts 4.42 lbs.
Swale and Ditch Repair .91 lbs.
Catch Runoff and Ditch Repair 3.1 lbs.
Knights Hill Rd
Woodland Trce
Oakmont Rd
Surrey Ln
Edmunds Rd
Fieldstone Ln
Little Cove Rd
Messer Pond
Forest Acres Rd
Northwood Ln
County Rd
Bog Rd
89
11
New London
Newport Rd
Parkside Rd

Plans for 2022

1. **Complete Watershed Field Surveys – Northside of Pond**

2. **Investigate Improving Efficiency of Catch Basins with Silt Prisons**

3. **Assemble Inventory of Stormwater Assets as Part of Ongoing O&M Plans**