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Damage Report – June 20, 2009 Rain Event

During the overnight hours from Friday June 19, 2009 to Saturday June 20, 2009 approximately 4 inches of rain fell in a short time span. At approximately 6:30 AM the fire department was alerted by Hancock County RCC about damage on Buttermilk Road and asked to place barricades there. The following is a compilation of the various damages that occurred on both state and local roads and the immediate response taken.

Buttermilk Road



Shown above is the inlet of a culvert just east of Birchlawn Drive. The shoulder on the south side of Buttermilk Road from the top of the hill by the Zito property to approximately the Charles Gray property washed out in numerous places.



Typical shoulder washout on Buttermilk Road by Charles Gray Property



View looking toward Birchlawn Drive –barricades set up by Fire Dept.



Driveway at 395 Buttermilk Road washed out.



Area west of Birchlawn Drive with shoulder erosion



Another washout of a culvert inlet on Buttermilk.

As EMA director I contacted Jay Fowler (he drove by as we were setting up barricades) and had him fix the shoulders temporarily to try to avoid more erosion. Some serious ditch and shoulder work is needed on this section of road – it is due to be paved shortly.

Needles Eye Road

Two spots on Needles Eye Road gave trouble:



This shows the outlet of a culvert area that washed out during the storm. This is on the eastern end of the road, prior to the usual flood spot.



The usual flood spot on Needles Eye – this is the area for which we've submitted a Hazard mitigation grant (preliminarily approved the day before the storm!)



Mill Road

A section of Mill Road suffered minor flooding damage when the brook overflowed. Barricades were set up to mark the flood area

Asa's Lane

A significant section of shoulder on Asa's Lane washed out. The ditches on the hill really need shaping again

Raccoon Cove Road/Marlboro Beach Road

The cross culvert at this intersection was overwhelmed and flooded, and the road apparently collapsed. Did not get a picture of this. Mike Jordan asked Jay Fowler to temporarily patch this up as well. The fire department was called to this (3rd call of the morning)

Shore Road

At least 3 culvert areas have experienced washouts, two at the inlet, one at the outlet (minor). One of the culverts is slated to be replaced anyway. Cones will be placed to alert motorists / pedestrians to the danger.

STATE HIGHWAYS

Route 204 – Jordan River Road

While en route to the Buttermilk Road call, we came upon a flooded section of Jordan River Road just to the east of Fennellyville Road. This had washed out the entrance to the Alisha Rose property (289 Jordan River Road). MDOT was called, barricades set up. There was major damage to the drive at 274 Jordan River (Richard Fennelly, Jr.) when the pond overspilled and washed out the drive.



Barricades were set up at Douglas Hwy and Buttermilk Road to warn traffic of the flood.



Private citizens (Richard Fennelly, Jr.) remove a tree that fell into the road, roots undermined by flood.

Mud Creek Road

The frequently flooded spot of Mud Creek Road between Chickadee Lane and Bobolink Lane flooded again. MDOT was notified, LVFD erected barricades to warn motorists.



Flooded portion of Mud Creek Road

Pinkhams Flats (Route 204)

The culvert at Archer's Brook flooded again. Barricades were erected by LVFD to warn traffic of the flood area.



A vehicle approaches flooded section of Pinkhams Flats prior to barricade placement.

ALERTING ACTIONS

In addition to using every barricade available to mark flood areas, an alert to the flooding was placed on the town's Cable TV channel which ran all day, and a notice placed on the town's website about the flooding.

I sent an e-mail to the Selectmen and Road Commissioner that morning informing them of the problems as follows:

To: Selectmen, Road Commissioner
From: Stu Marckoon, EMA Director
Re: Flooding
Date 6-20-09

There has been a significant amount of road damage overnight – Buttermilk Road is the worst local road. The fire department has put out barricades at the following locations:

Buttermilk
Jordan River
Pinkhams Flats
Mud Creek
Needles Eye
Mill Road

I have called Maine DOT – Jordan River Road is closed, impassable (Dick F. knows this well)

Needles eye is flooded in the usual spot, and another area has washed at the culvert outlet

Jay Fowler has been contacted and he will be fixing Buttermilk Road (probably about \$10,000 worth of damage there!

I'll be in Stockton Springs at their town meeting beginning at 9:30.

Once I finished up the town meeting in Stockton Springs, I was able to contact Michael Jordan who filled me in on the Raccoon Cove/Marlboro Beach situation. There did not appear to be any more action that was needed at that time.

Plans for today (6/22/09)

I'll be following up with a survey of the local roads to see what other damage there might be. I will plan to file a form 7 with Hancock County EMA office and to make sure all barricades are returned to the Anderson Garage

Many thanks to the Lamoine Volunteer Fire Department for placing the barricades.

Stu

Follow Up Report 6-22-09

I inspected all the local roads Monday morning, 6/22/09 and observed the following that was not included in the 6/20/09 report

Roads not sustaining any damage from the storm:

Seal Point
Maxwell Avenue
Lorimer Road
Clamshell Alley
Walker Road
MacQuinn Road
Birchlawn Drive
S. Birchlawn Drive

Barricade Inventory

As of my ride-around barricades were placed as follows:

- Mud Creek Road – Gate barricade at collapsed culvert outlet
- Needles Eye Road – Gate barricade at collapsed culvert outlet
- Asa's Lane – Four cones, 1 lg gate, 1 sm gate on shoulder. Someone also pounded in signs at washed out shoulder
- Shore Road – gate barricade west of Deer Run at collapsed shoulder
- Shore Road gate barricade east of 1298 Shore Road at collapsed culvert inlet
- Jordan River Road 2 large gate barricades at area previously flooded
- Anderson Garage 6 large gate barricades, 10 holders, approx 12 cones, only 3 reflective

State Road Damage

During my ride around Phil Finley called to say there was a washout by his home. I drove there immediately and found a shoulder, probably a culvert inlet, had collapsed at 556 Partridge Cove Road. I have left a message with the local supervisor to call me.

Additional Local Damage

Marlboro Beach Road – Shoulder damage at corner of Partridge Cove Road extending approximately 250-feet

Raccoon Cove Road – Collapsed culvert area by Marlboro Beach Road has been filled, needs to be paved



Culvert fill @ Raccoon Cove Road

A section of shoulder north and south of the entrance at 102 Raccoon Cove Road has washed, needs to be refilled, shaped and ditched. (see picture below)



Also washing & needing fill & shaping is the shoulder by 40 Raccoon Cove Road (Handy, formerly Plain Janes)

Needles Eye Road The shoulder by the culvert where the outlet collapsed and fill was placed needs to be repaired @ 200-feet

Asa's Lane - A significant amount of shoulder has completely washed away, road in danger of side collapse on the hill between 39 Asa's Lane and 89 Asa's Lane. Pictures Below:



Looking up the hill – shoulder erosion on Asa's Lane-signs placed at eroded shoulders below.



Cos Cob Avenue – A section by Periwinkle Alley is eroded, needs culvert under entrance, maybe

Mill Road –

- Shoulder washed out at Archer's brook culvert approximately 100-feet
- Shoulder wash @ 30 Mill Road, approximately 25-feet

Shore Road

- Culvert outlet washing @ 1075 shore road (that previously gave way a few months ago)
- Driveway at 1170 shore road shedding material into road. Entrance onto Shore Road needs to be shaped properly so that it sheds into the ditch (Arnelle Meyer property)
- Culvert inlet just west of Deer Run on opposite side of road is eroded, needs to be dug, culvert cleaned, and fill added (Barricade is up)
- Culvert inlet just east of 1298 Shore Rd (same side) is eroded. This culvert is slated for replacement ASAP as it is collapsing. (Barricade is up)

Buttermilk Road – No change from the work done this weekend, a significant amount of ditching and shoulder shaping is needed.

The drive entrance at 261 Buttermilk (Arsenault) is shedding material into the road. Like the 1170 Shore Road entrance, this needs to be properly shaped to shed water into the ditch.

PRIVATE PROPERTY DAMAGE

As mentioned previously, the drive at 274 Jordan River Road (Richard Fennelly Jr.) has been washed away. Below is a picture of the drained pond and the washed out area:



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