



June 24, 2020

Fairhaven Planning Board
40 Center Street
Fairhaven, MA 02719

RE: LEWIS LANDING DRAINAGE

Dear Board Members:

A video assessment has been made of the existing drain lines at Lewis Landing. It was determined that the drain that we had shown connected to the Route 6 drainage system has been abandoned and is clogged with soil. It is clear that MassDOT extended the drainage system westerly as shown on our revised plan. We have also determined that during large runoff events, the stormflow comes out of the dilapidated manhole in the wetlands and flows over land onto the abutter's land to the southwest. That is the overland stormflow that was observed in the video that was shown at the initial public hearing. It is proposed to re-habilitate that manhole and to install a bolt down manhole cover. This will assure that the stormflow does not come out of the manhole and will be contained in the pipe system. The reduced rate of stormflow resulting from the proposed detention basin at Lewis Landing will also be beneficial to the drainage conditions. The combination of these two measures will improve the overall drainage system function, resulting in considerably less overland flow than currently occurs.

Sincerely,
PRIME ENGINEERING, INC.

Richard J. Rheault, P.E., LSP
Chief Engineer