

From: Abby Piersall <apiersall@waterfordct.org>

Sent: Tuesday, August 25, 2020 2:15 PM

To: Rob Avena <ravena@sswbgg.com>; Emily Gianquinto <emily@eaglawllc.com>; Bachman, Melanie <Melanie.Bachman@ct.gov>; lhoffman@pullcom.com

Subject: Waterford Exhibits

Please find attached the requested information from the Waterford Director of Public Works and Fire Marshal.

From: Gary Schneider

Sent: Friday, August 07, 2020 9:30 AM

To: Abby Piersall <apiersall@waterfordct.org>

Cc: Robert Avena <RAvena@sswbgg.com>

Subject: RE: Oil Mill Road Structures

In 2017, the deteriorated metal culvert was replaced (Opposite 121 Oil Mill Rd) with a concrete box culvert. The culvert was designed to support an HS20 live load for the applicable AASHTO Load Combination Group. Hydrologic Analysis was performed using TR-55. Backwater and floodplain analysis, (HEC-RAS) was used and compared with FEMA Mapping comparison.

The condition or the design standard for any of the existing catch basin, drainage pipes or cross drains is unknown from Boston Post Road to the property at 117 Oil Mill Road.