# Underwood Road: Storm Drainage Stabilization Project

# Council Update: April 2019





# LOCATION MAP







#### SITE PHOTOGRAPH – FROM UNDERWOOD ROAD

#### SITE PHOTOGRAPH – EXISTING DRAIN OUTLET







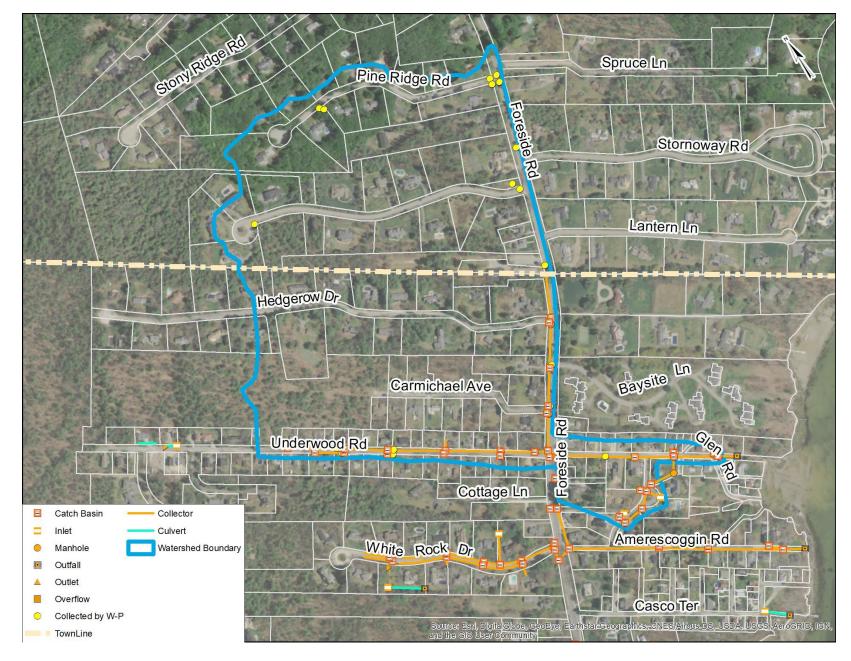


#### SITE PHOTOGRAPH – COLLAPSED SLOPE



#### SITE PHOTOGRAPH – CHANNEL BOTTOM

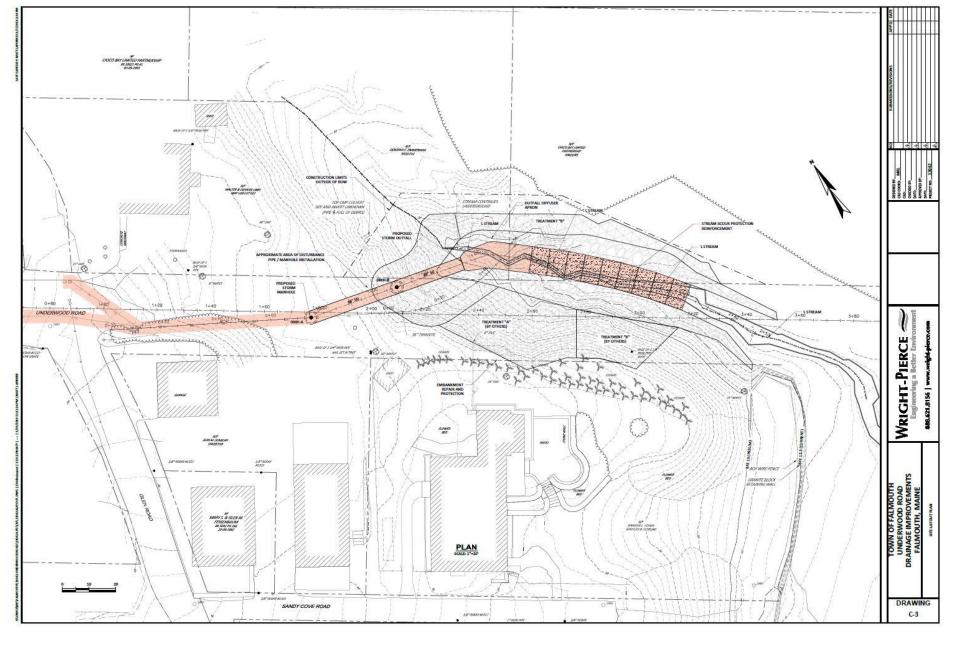






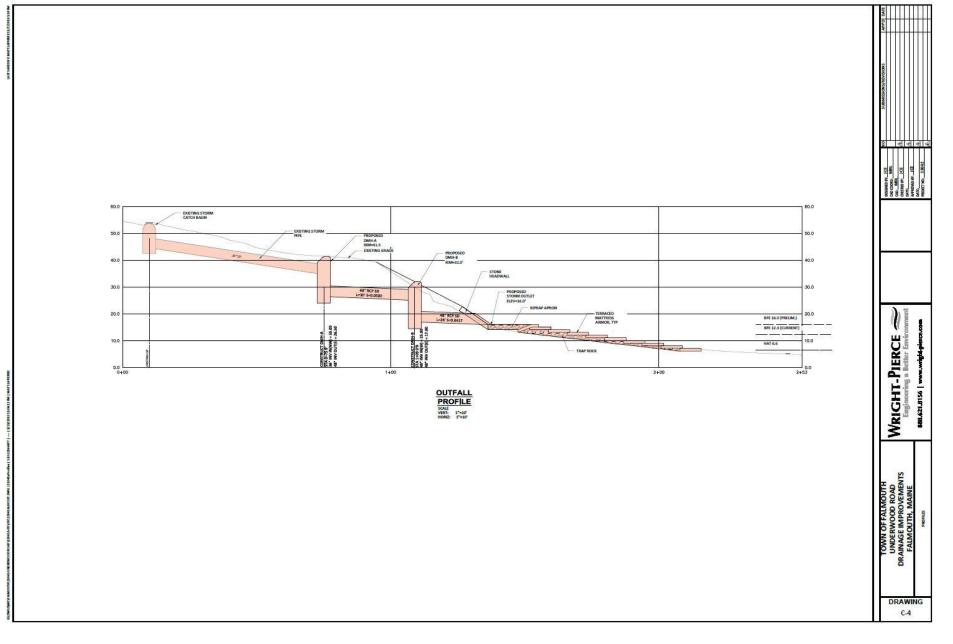
#### **DRAINAGE AREA MAP**

# **PROPOSED SOLUTION – PLAN VIEW**





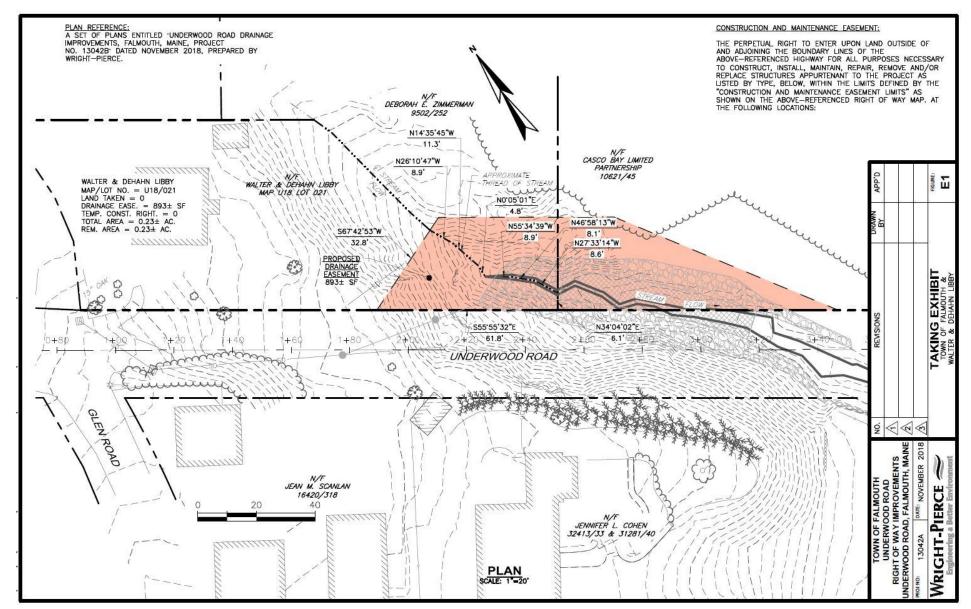
# **PROPOSED SOLUTION – SECTION VIEW**





# **EASEMENT AREAS**





# **REMAINING TASKS & TIMELINE**

### Remaining Easement Acquisitions

April 2019

**Permit Acquisition** 

May 2019 – Sept. 2019

Bidding / Select Contractor Dec. 2

Construction

Dec. 2019 – Feb. 2020

June 2020 – Sept. 2020

