

# RUN POND ROAD YARMOUTH



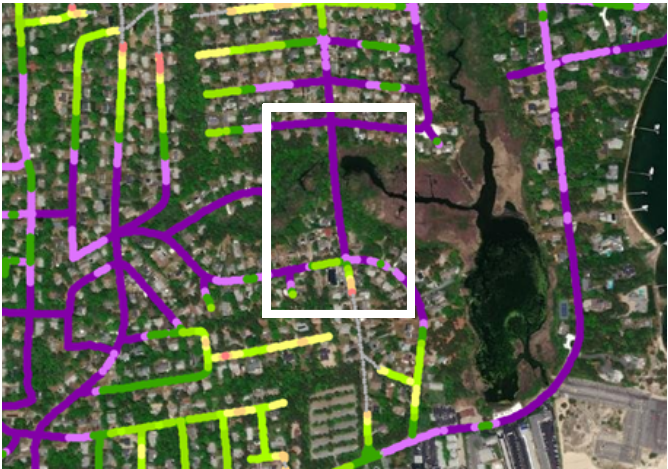
## Basic information

Bridge Present?	Culvert Present?	Critical Elevation (CE)	Depth of 1% storm above CE	Onset of Mean High Water Exposure	Secondary Evacuation Route	Tidal Flow Restoration
No	Yes	~ 3.0 ft NAVD88	2030: 7.8 ft 2050: 12.4 ft 2070: 13.7 ft	2070	Yes	Yes

## Adaptation Alternatives

Gray	The Town could elevate the road and replace the existing culvert. Alternatively, a wall could be constructed along the downstream side of the road with a tide gate. Alternatively, a more regional approach could be taken that would involve elevating South Street and South Shore Drive from Bass River Parkway to Run Pond Road with an operable tide gate (reduces but does not eliminate flood risk).
Hybrid	The Town could explore a flood protection berm along the Bass River pathway.
Green	This road could be transformed into a dead-end, and the wetland could be restored along the roadbed. A Landing, park area, and/or boardwalk could be added and possibly paired with Run Pond restoration project.
Managed Retreat	Relocation of the road is not feasible.  In the long-term, this road could be transformed into a dead-end with the nearby rerouting of the road. There is still a need to address other low-lying roads in the neighborhood.

## 2030 Inundation Probability



## High Tide Flooding



# OPERABLE TIDE GATE



Golden Harvest Inc.

