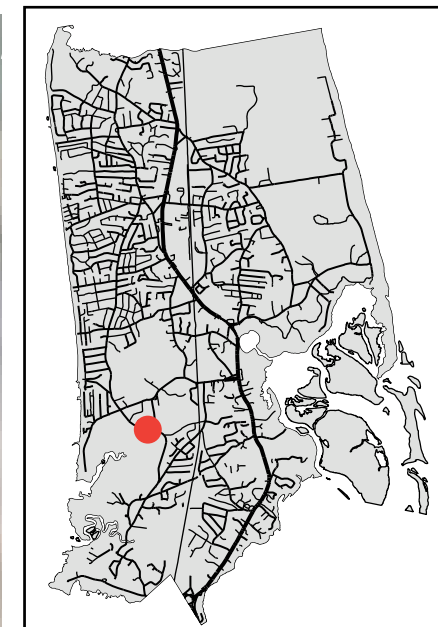


## EXISTING CONDITIONS

Herring Brook Road, Eastham



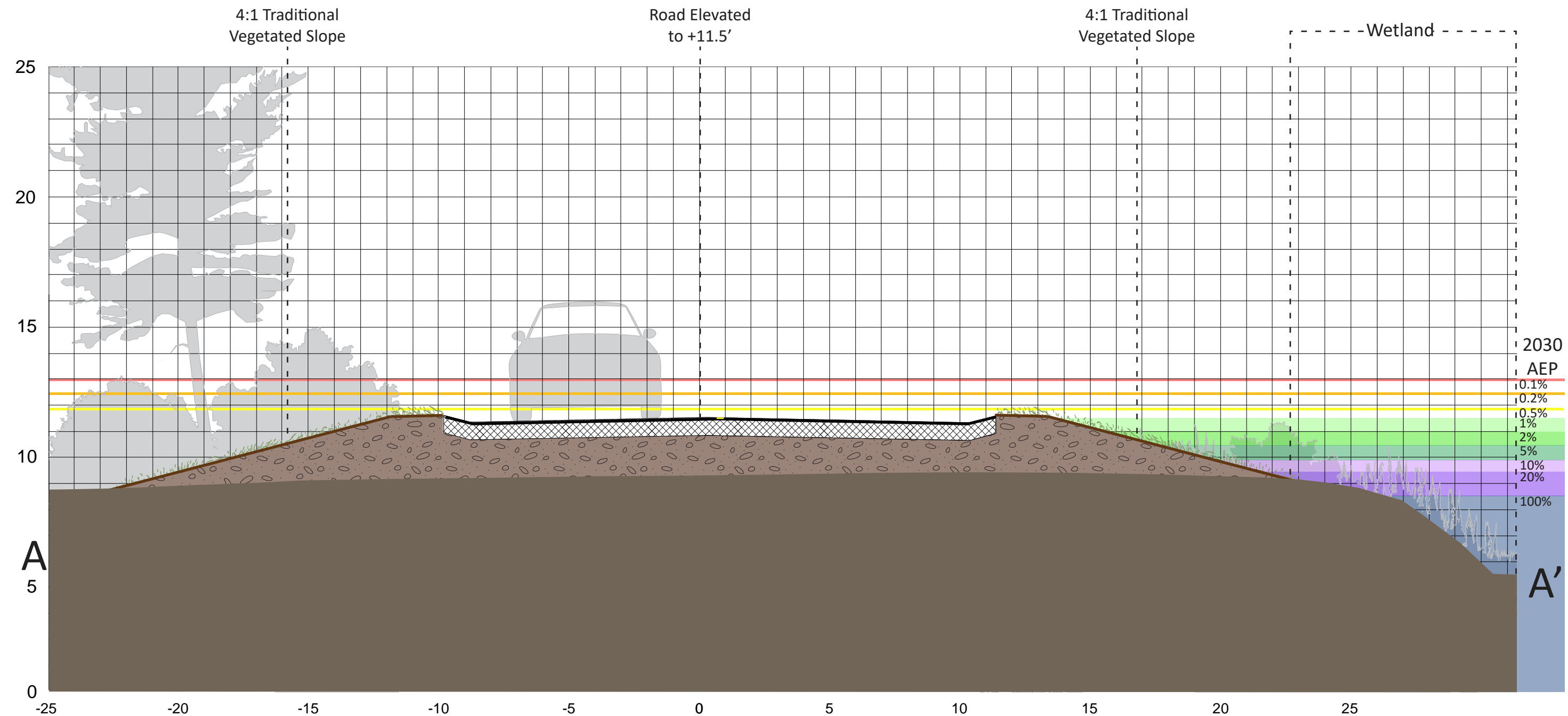
## Herring Brook Road EASTHAM

### ALTERNATIVE 1: GRAY

200 linear feet of  
Town-owned road are  
elevated from a lowest point  
of 9.3 feet to a lowest point  
of 11.5 feet.

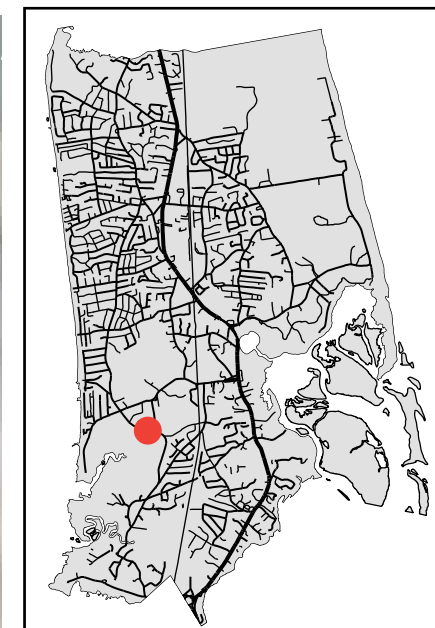
Note: Project overlap with wetland areas, rights of way and property lines is approximate and needs confirmation with a site survey





## ALTERNATIVE 1: GRAY

Herring Brook Road, Eastham

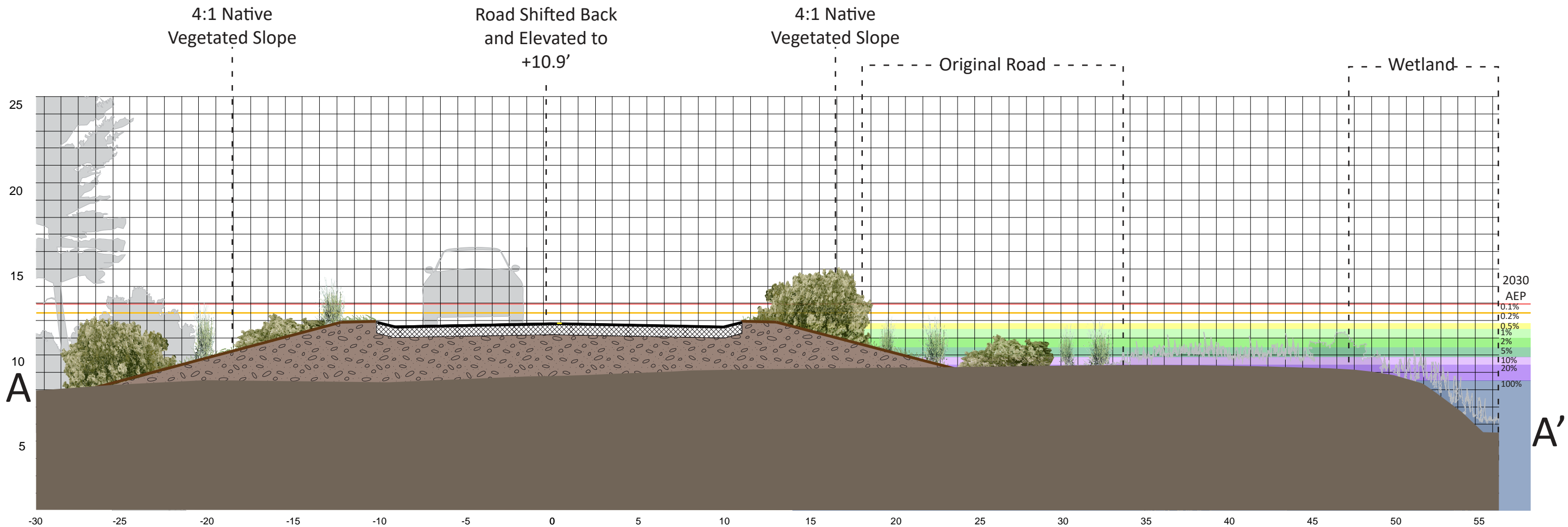


## Herring Brook Road EASTHAM

### ALTERNATIVE 2: HYBRID

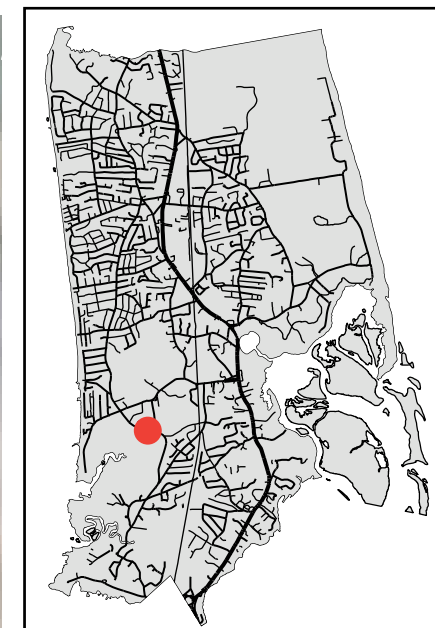
405 linear feet of Town-owned road are shifted back and elevated from a lowest point of 9.3 feet to a lowest point of 10.9 feet. Wetland impacts are mitigated, but project boundaries intersect with private property.

Note: Project overlap with wetland areas, rights of way and property lines is approximate and needs confirmation with a site survey



## ALTERNATIVE 2: HYBRID

Herring Brook Road, Eastham

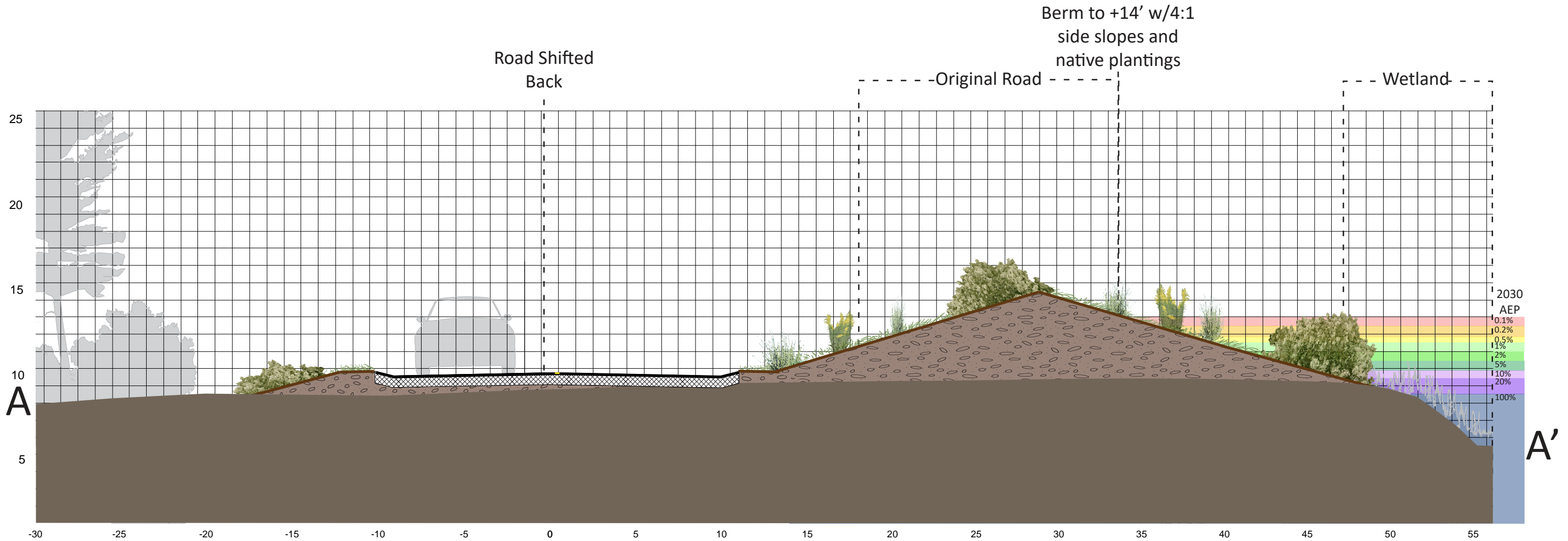


## Herring Brook Road EASTHAM

### ALTERNATIVE 3: GREEN

405 linear feet of Town-owned road are shifted back from the water. A berm to 14.0 feet is constructed with a 4:1 slope on the seaward side of the road. Wetland impacts are mitigated, but project boundaries intersect with private property.

Note: Project overlap with wetland areas, rights of way and property lines is approximate and needs confirmation with a site survey



## ALTERNATIVE 3: GREEN

Herring Brook Road, Eastham

# HERRING BROOK ROAD, EASTHAM

Summary of alternatives

	Description	Critical Elevation	Annual Exceedance Probability			Vulnerable to Tidal Flooding	Impacts to Wetlands	Impacts to Private Property	Estimated Cost*
			2030	2050	2070				
EXISTING	A segment of 20ft wide road with adjacent coastal bank and salt marsh.	9.3 feet	20%	100%	100%	2070	N/A	N/A	N/A
ALTERNATIVE 1: GRAY	200 linear feet of Town-owned road are elevated from a lowest point of 9.3 feet to a lowest point of 11.5 feet.	11.5 feet	1%	10%	100%	N/A	Negative	No	\$65,000
ALTERNATIVE 2: HYBRID	405 linear feet of Town-owned road are shifted back and elevated from a lowest point of 9.3 feet to a lowest point of 10.9 feet. Wetland impacts are mitigated, but project boundaries intersect with private property.	10.9 feet	2%	20%	100%	N/A	None	Yes	\$131,000
ALTERNATIVE 3: GREEN	405 linear feet of Town-owned road are shifted back from the water. A berm to 14.0 feet is constructed with a 4:1 slope on the seaward side of the road. Wetland impacts are mitigated, but project boundaries intersect with private property.	14 feet	0%	1%	5%	N/A	Possible Negative	Yes	\$174,000

\*Installed material cost +20% contingency. Excludes design, permitting, mobilization, stormwater and wastewater infrastructure, and site controls. Costs based on RSMeans 2021 cost book and adjusted for inflation and region.