

The background consists of several overlapping circles in various shades of blue, ranging from a light sky blue to a darker teal. The text is centered in a bold, white, sans-serif font.

WHAT WE HEARD FROM ANNAPOLIS

A BEACH DESIGN INFLUENCED BY PUBLIC FEEDBACK

ACTIVATING THE BEACH

The community preferred passive programming.



DESIGN OF THE BEACH

The community preferred images with bigger beaches and vegetation



RESILIENCE OF THE BEACH

The community showed appreciation for the technical influences that inform the beach redesign. They are strong advocates for this project.

Residents to the south from Chesapeake Harbor expressed multiple times the desire for this project to have a larger improvement including their beach.

**WHAT'S AT RISK IF WE DO
NOTHING?**

A BEACH THAT CANNOT SUPPORT PUBLIC GATHERING & CELEBRATION

THE NARROW BEACH IS VULNERABLE TO SEA LEVEL RISE & EROSION

THE BEACH IS TOO NARROW TO SUPPORT ACTIVE, PUBLIC USE & HONOR THE CULTURAL & HISTORICAL SIGNIFICANCE OF THE BEACH AS A GATHERING PLACE

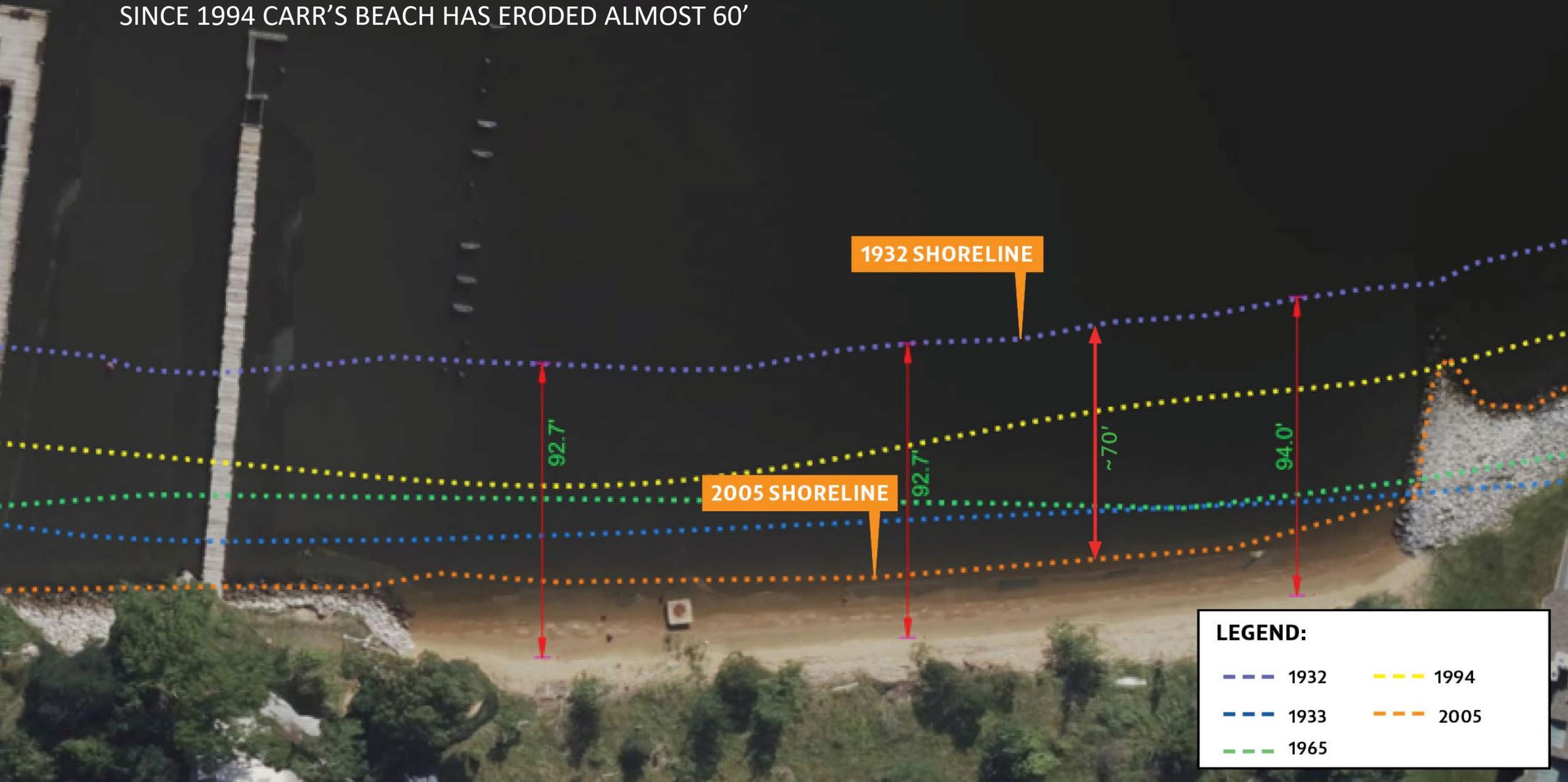
EXPOSED SEWER MANHOLE

NARROW BEACH



PROJECTED SEA LEVEL RISE & TIDAL FLOODING

SINCE 1994 CARR'S BEACH HAS ERODED ALMOST 60'

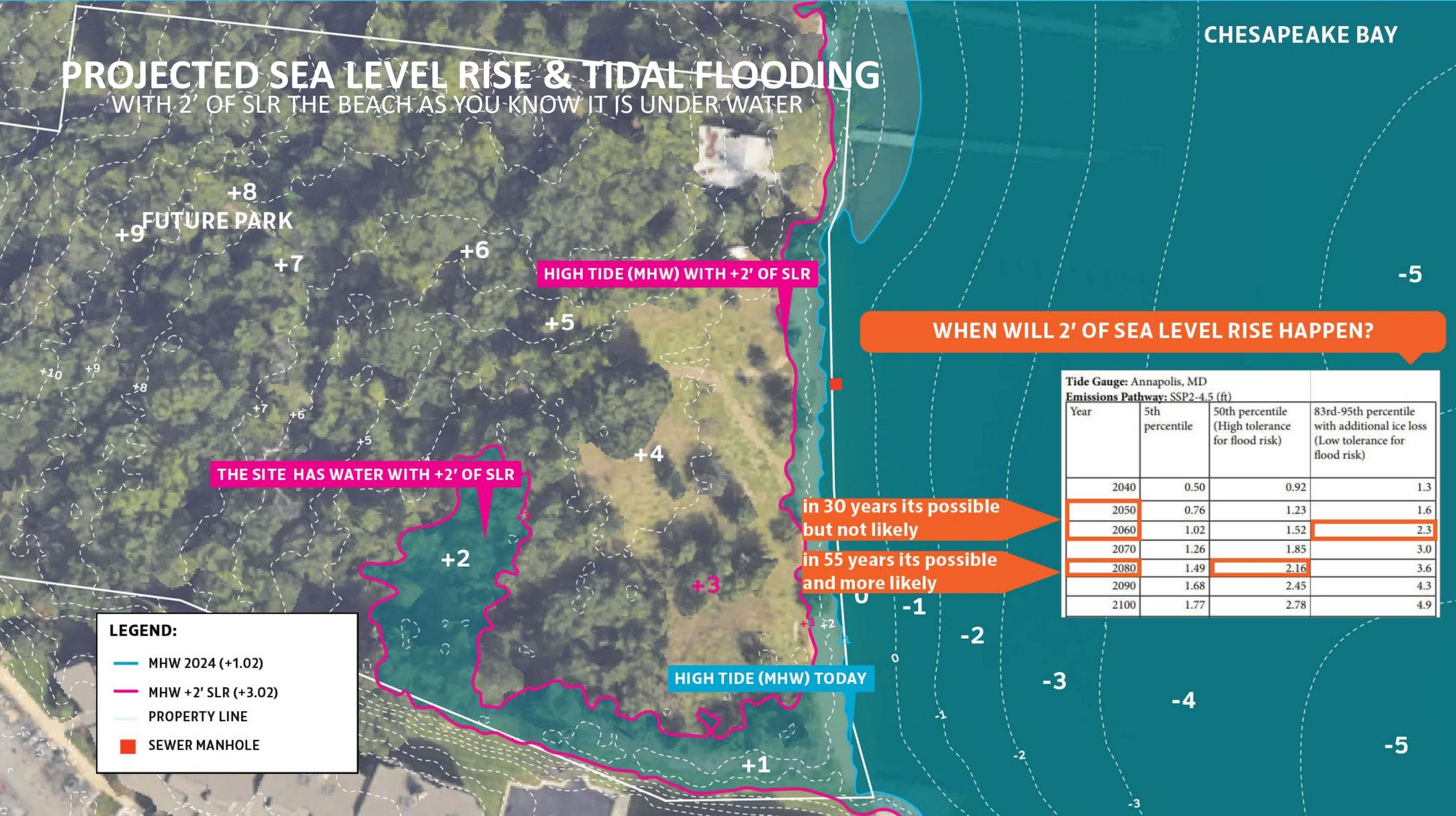


LEGEND:

| | |
|----------|----------|
| --- 1932 | --- 1994 |
| --- 1933 | --- 2005 |
| --- 1965 | |

PROJECTED SEA LEVEL RISE & TIDAL FLOODING

WITH 2' OF SLR THE BEACH AS YOU KNOW IT IS UNDER WATER



HIGH TIDE (MHW) WITH +2' OF SLR

THE SITE HAS WATER WITH +2' OF SLR

HIGH TIDE (MHW) TODAY

WHEN WILL 2' OF SEA LEVEL RISE HAPPEN?

in 30 years its possible but not likely

in 55 years its possible and more likely

| Tide Gauge: Annapolis, MD | | | |
|----------------------------------|----------------|---|--|
| Emissions Pathway: SSP2-4.5 (ft) | | | |
| Year | 5th percentile | 50th percentile (High tolerance for flood risk) | 83rd-95th percentile with additional ice loss (Low tolerance for flood risk) |
| 2040 | 0.50 | 0.92 | 1.3 |
| 2050 | 0.76 | 1.23 | 1.6 |
| 2060 | 1.02 | 1.52 | 2.3 |
| 2070 | 1.26 | 1.85 | 3.0 |
| 2080 | 1.49 | 2.16 | 3.6 |
| 2090 | 1.68 | 2.45 | 4.3 |
| 2100 | 1.77 | 2.78 | 4.9 |

LEGEND:

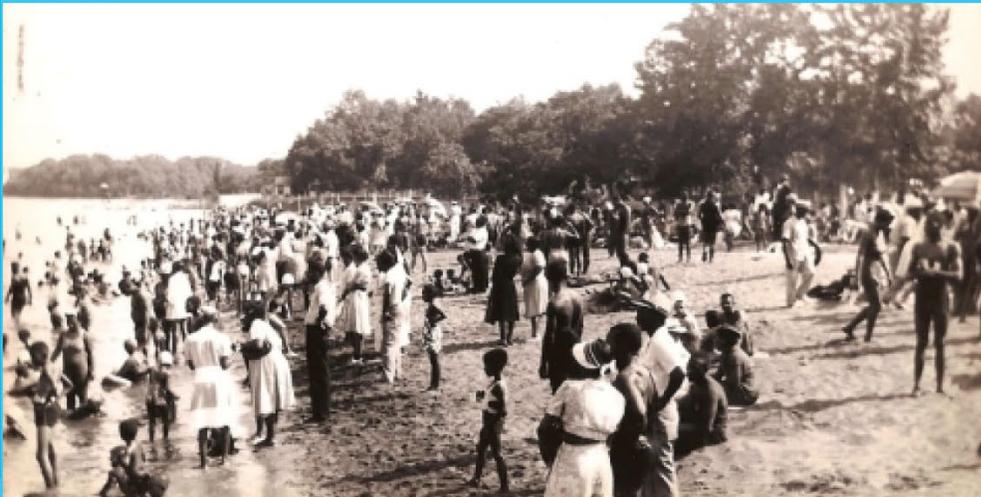
- MHW 2024 (+1.02)
- MHW +2' SLR (+3.02)
- - - PROPERTY LINE
- SEWER MANHOLE

The background is a solid light blue color. It features several abstract geometric shapes in a darker shade of blue. On the left, there is a large, partially visible circle. In the upper right, there is a smaller, fully visible circle. At the bottom right, there are two overlapping, thick, curved bands that form a partial arc.

DESIGN GOALS

A HISTORICAL CONNECTION TO THE BAY & SENSE OF COMMUNITY

HOW DO WE HONOR THE PAST & CHART A NEW FUTURE FOR THE BEACH?





**RESTORE THE PUBLIC BEACH
& CELEBRATE THE SITE'S
CULTURAL HISTORY**



**CONNECT PEOPLE WITH THE
CHESAPEAKE BAY**



ENHANCE HABITAT RESILIENCE



**CREATE A RESILIENT BEACH &
STABILIZE THE SHORELINE FOR
FUTURE GENERATIONS**

CARR'S BEACH TODAY

DESIGN PARAMETERS

BAYWOODS

FUTURE PARK

RELOCATE MANHOLE

WIDEN THE BEACH TO SUPPORT PUBLIC USE

SLOW/STOP EROSION

CHESAPEAKE BAY

DESIGN FOR 2' OF SEA LEVEL RISE

INCREASE HABITAT & IMPROVE WATER QUALITY

CHESAPEAKE HARBOR



CARR'S BEACH - ENLARGEMENT

Arcade

Social Gathering Space

Cabanas Pavilion

LIVING HEADLANDS

Ferry Landing / Fishing Dock

Dunes

Beach

CHESAPEAKE BAY

GIT DOWN

KAYAK LAUNCH

NON TIDAL WETLANDS

INTERTIDAL COVE

Jetty



CARR'S BEACH - PROGRAM



Swimming



Kayaking



Citizen Science



Fishing



Sun Bathing



Seating

CARR'S BEACH – TODAY'S VIEW



EXPOSED SEWER MANHOLE

EXISTING PIER

NARROW BEACH

CARR'S BEACH – TOMORROW'S VIEW



FUTURE PARK

KAYAK LAUNCH

VEGETATED DUNES

LIVING HEADLAND

SWIMMING

BIG BEACH

CARR'S BEACH – TODAY'S BIRDSEYE



BEMBE BEACH RD.

BAYWOODS

CHESAPEAKE HARBOR

CARR'S BEACH

EXISTING PIER

CHESAPEAKE BAY

CARR'S BEACH – TOMORROW'S BIRDSEYE

