Design in and with Dynamic Environments

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Madaket- Ames Bridge
Near-Term Strategy

- Ecological Restoration
- Maintenance and Monitoring of Ames Avenue Bridge
- Dunes for Protection of Ames Avenue Bridge
- Dune Restoration Pilot Project
- Strategic Relocation of Structures in Priority Action Areas
- Reduction of Density and Building-Scale Adaptation in High and Moderate Coastal Risk Areas
- Erosion Monitoring and Mitigation
Potential future condition

Polpis- Road Raising, Culver Expansion, + Wave Attenuation
UMich Gerstacker Grove
CONSTRAINTS AND OPPORTUNITIES

CHALLENGE

BARRIERS
UNSAFE CROSSINGS + BARRIER TO WATER

UNDERUTILIZED
SINGLE USE + LEFTOVER SPACE

FLOODING
COASTAL FLOODING + STORMWATER

STRATEGY

STITCH
SAFE CROSSINGS + CONNECTIONS

PROGRAM
DIVERSE ACTIVITIES + COMMUNITY EVENTS

MANAGE
COASTAL FLOODING PROTECTION + STORMWATER MANAGEMENT
EXISTING FLOODING
COMMUNITY ENGAGEMENT
SUMMARY OF FEEDBACK

EXISTING MOAKLEY PARK FEEDBACK

- Need food trucks / cafe spaces
- Limited access points for anyone using a wheelchair or stroller
- Not many programs outside of athletics
- There is a lot of underutilized space
- Not enough bathrooms
- Athletic field conditions are suboptimal and unsafe
- Feels unsafe at night
- The surrounding community is vulnerable to sea-level rise and flooding

PRELIMINARY PLAN RESPONSE

- Protective flood barrier runs along the entirety of the site
- The Moakley Team is working with local partners working to ensure the park is accessible
- Amphitheater and fields provide event spaces
- Cafe / concession stand in building
- Comprehensive lighting plan to ensure safety of park users
- Games and gathering spaces for seniors
- Six bathroom facilities added
- Community-focused plaza for events, farmer’s markets, and food trucks
- Athletic fields with proper drainage and lighting to increase usability
- Play features for all ages and abilities throughout the park
- Running + bike tracks along the entire edge of the park
- Improved ecological conditions (plant species, habitat, etc.)
- Accessible pathways throughout the park
Vision Galveston
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