



HPARD Prairie Restoration



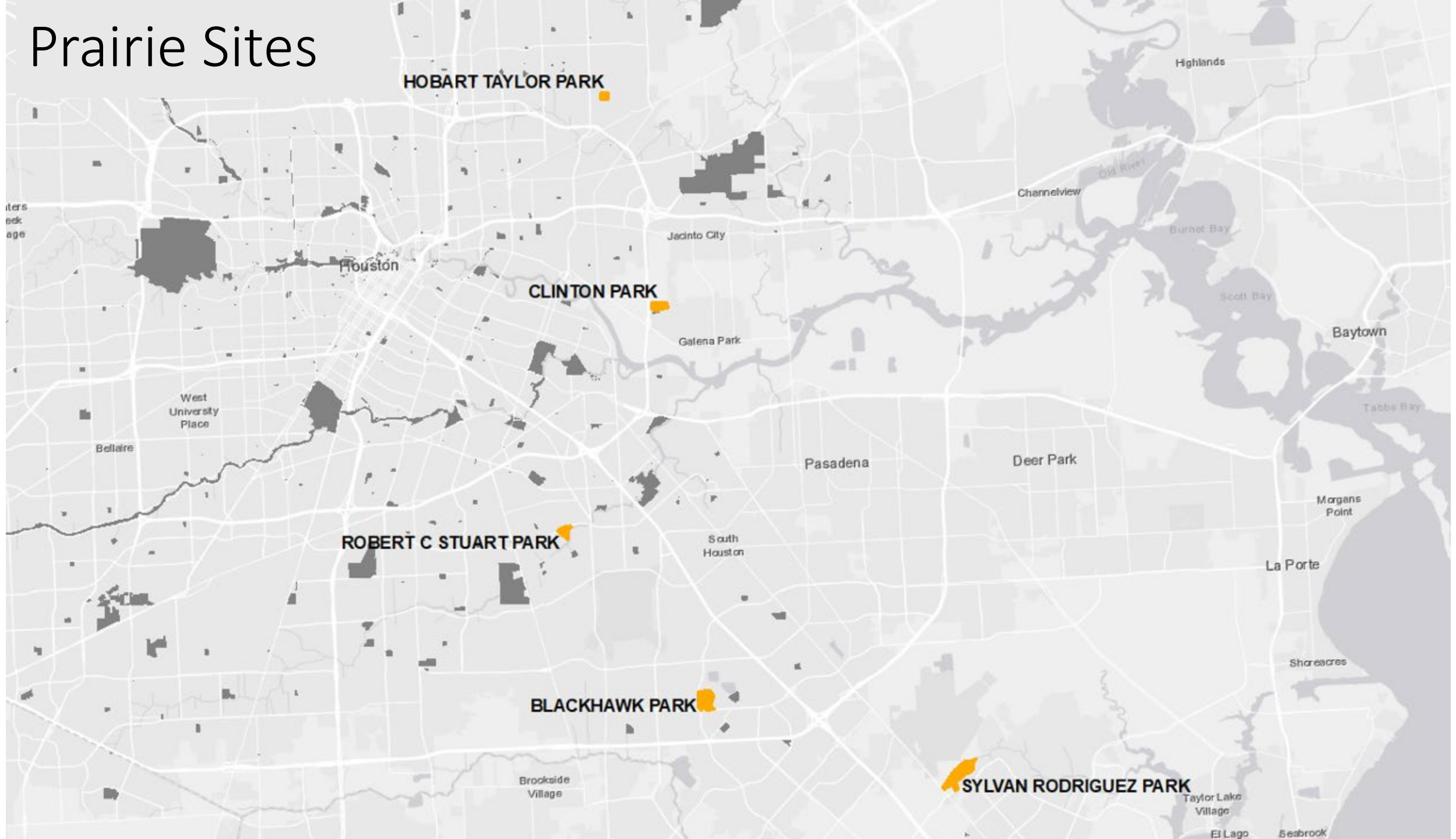
Cassidy Kempf, Habitat Restoration Manager

Natural Resources Division

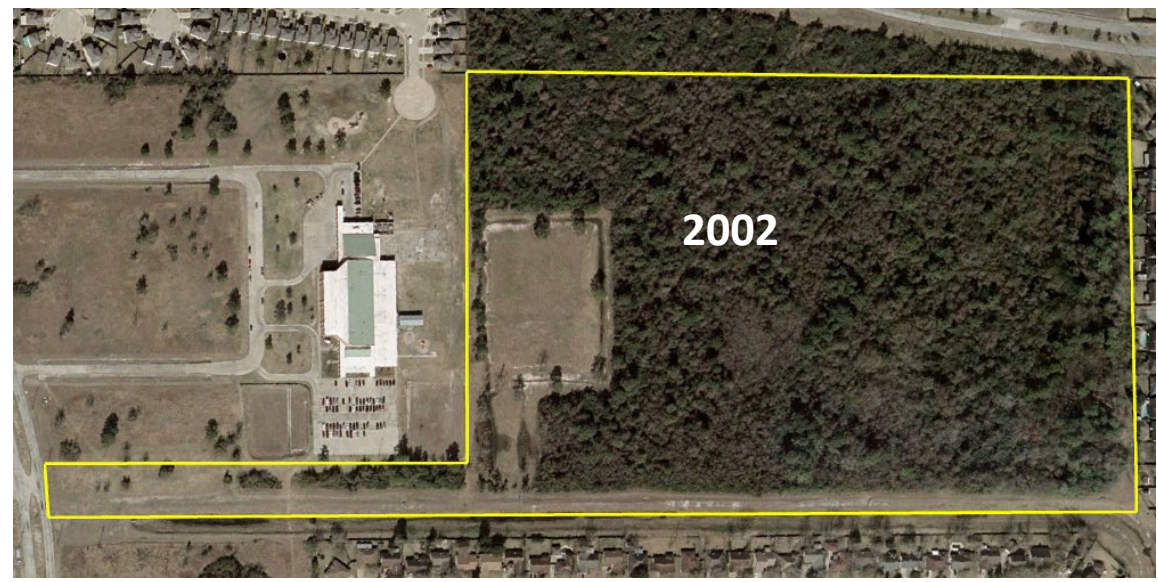
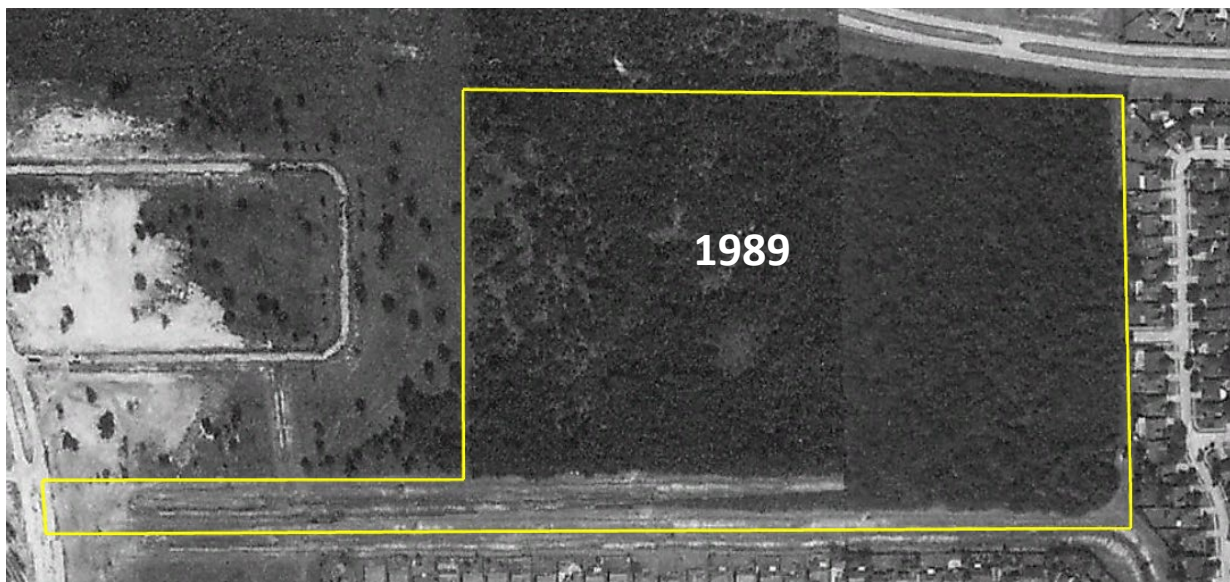
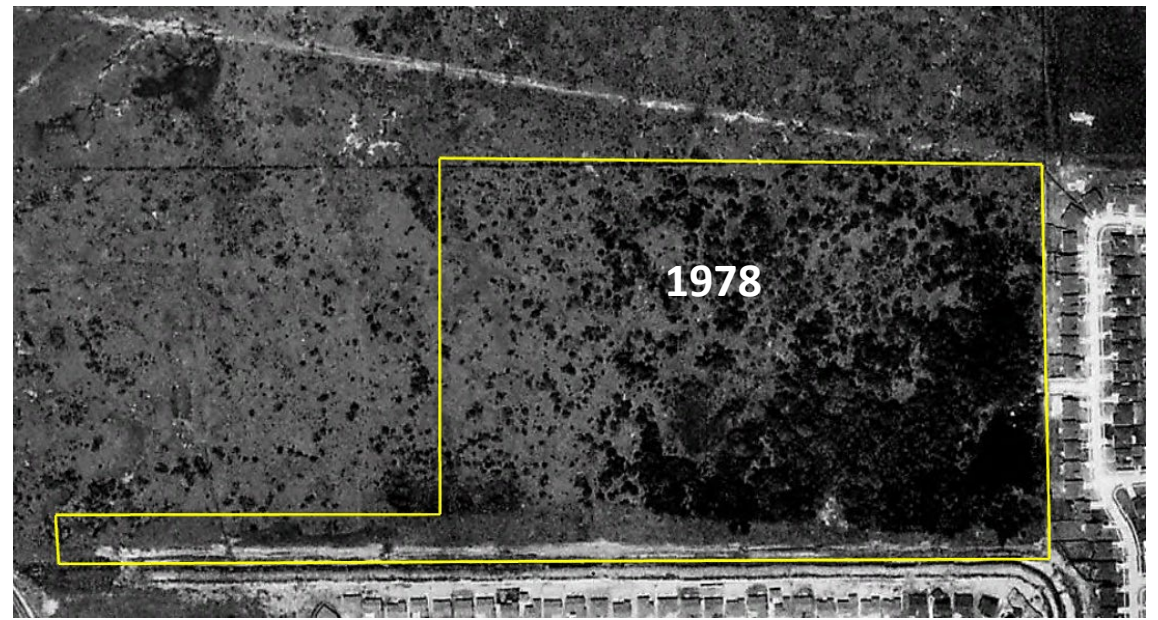
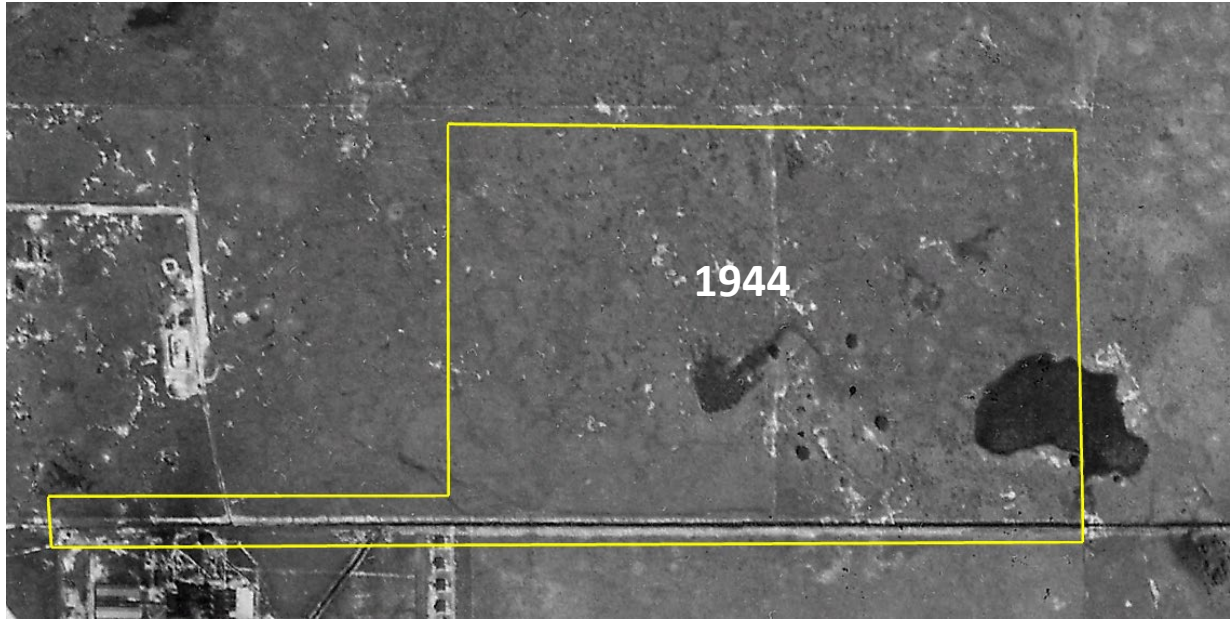
- Manages all natural areas within City of Houston Parks
- Focus on habitat restoration
 - Riparian restoration
 - Prairie restoration
- Nature Preserves



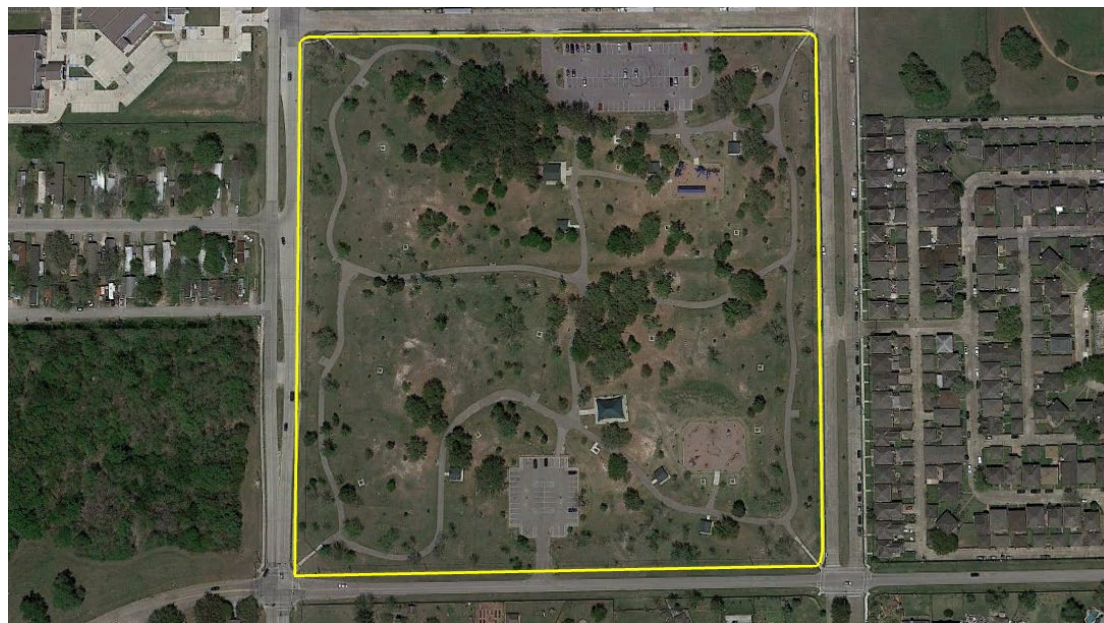
Prairie Sites



Prairie Loss: Tree and Scrub Encroachment



Prairie Loss: Development



Prairie Restoration Components

Site
Inspections
and Analysis



Invasive
Species
Removal



Native Species
Installation



Maintenance
and
Disturbance



Invasive Species Removal

- Hydro-axe
- Chainsaw crews
- Herbicide- broadcast or spot treatment
- Mowing



Example: Hydro-ax





Native Species Installation

- **Planting:**

- We propagate 10,000 gallon pots per year
- Locally collected seed
- Community planting events

- **Seeding:**

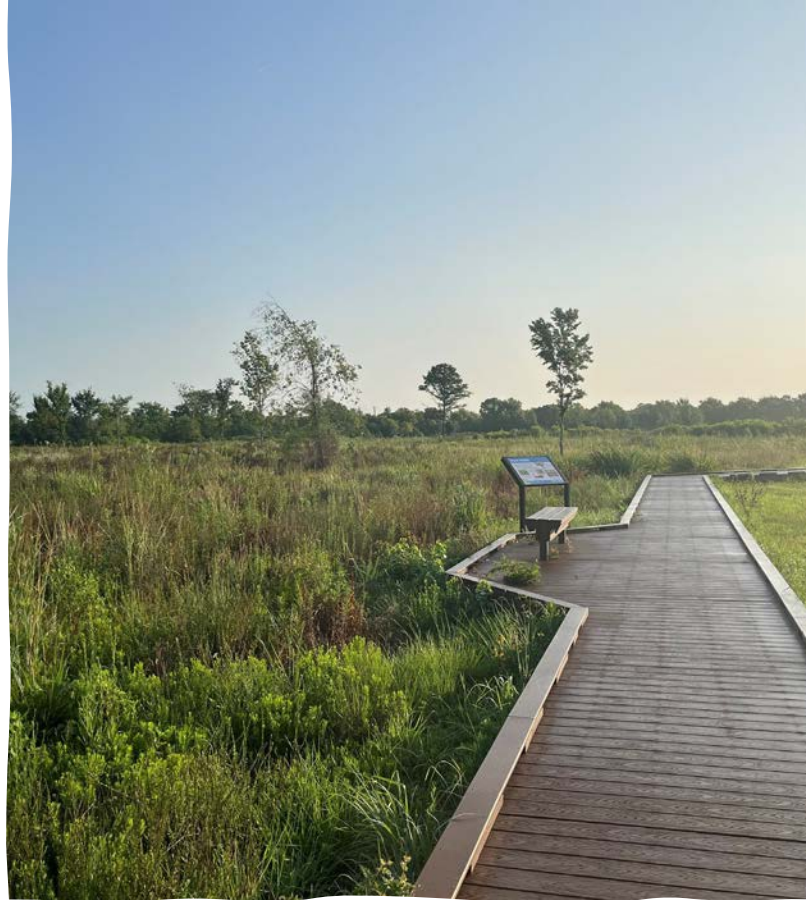
- Local seed suppliers





Maintenance and Disturbance

- Replicate natural disturbances
 - Prescribed Fire
 - Mowing
- Vegetation monitoring
- Continued invasive species removal



Community Engagement

- Monthly volunteer groups
- Planting Events
- Greenhouse volunteer program
- Interpretive signs
- Trails

Behind The Scenes

A scenic landscape featuring a wooden fence in the foreground, tall grasses and shrubs in the middle ground, and a blue sky with white clouds in the background. The fence runs diagonally across the frame, separating a field of tall grasses from a more manicured lawn area.

- Grant Funding
- Partnerships
- Intra-department cooperation
 - Training about mowing
 - Using park maintenance staff in the off-season
 - Sharing equipment
 - Defining the edge

A photograph of several tall, thin green stems of wildflowers with bright yellow, daisy-like heads. The flowers are in various stages of bloom, with some fully open and others as buds. The background is a soft-focus field of similar flowers under a bright, slightly overcast sky. The overall tone is natural and serene.

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