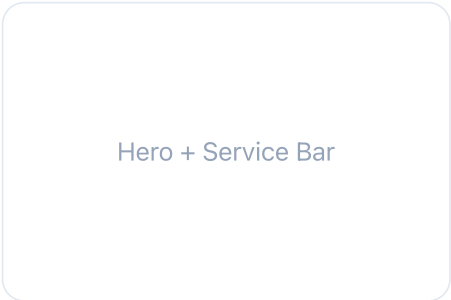# Hallandale Beach — Public Works Landing v2

1 · Overview / Hero

Fast, offline-ready, and accessible single-page landing experience for Public Works. Built as a working concept using semantic HTML, a minimal API, and graceful degradation.

- (Built) for mobile-first clarity and speed
- (Ensured) a11y with strong contrast and focus
- (Enabled) analytics hooks for real-world insights

Hero + Service Bar

Screenshot: top of landing page (hero and service status)

2 · Offline-Ready Demo Summary

Built-in offline mode. When the page opens without an API, it auto-loads default announcements and events, preserving the user experience. Core analytics and ICS downloads still function client-side, proving the design's resilience.
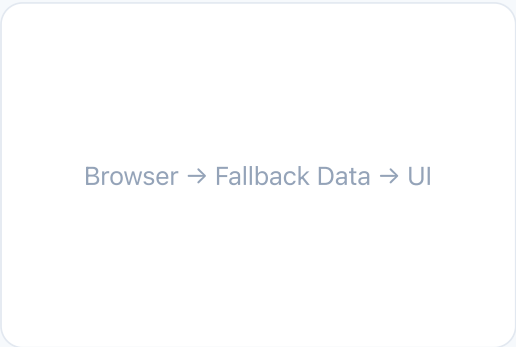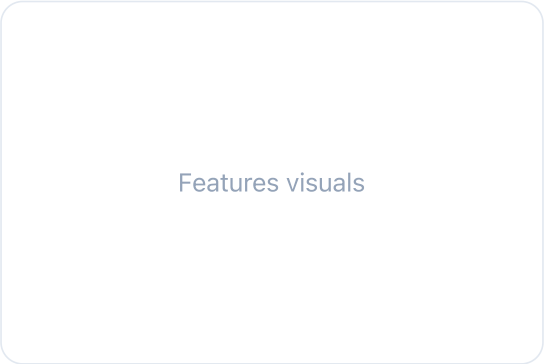
Browser → Fallback Data → UI

Diagram: Browser → Local Fallback Data → Announcements / Events → ICS → Form Confirmation

3 · Features & Behaviors

- API fallback for announcements and events (offline-ready)
- Client-side ICS generation for "Add to Calendar"
- Soft-success subscription for demos without a backend
- Analytics logging hooks on clicks and interactions
- Lighthouse-ready performance: system fonts, minimal JS
- Accessible color contrast and focus rings

Features visuals

Side-by-side UI states with icons (Lucide/Feather suggested)

4 · How to Try It (Local / Server)

Offline (no server):

```
Open
dist/06_Web_Email/landing_v2.html
directly.
```

With server:

```
Visit
http://localhost:5173/dist/06_Web_Email/landing_v2.html
```

- Defaults appear if API is unreachable
- ICS downloads are generated client-side
- Subscribe shows confirmation (implied backend)

- Announcements and events from API
- ICS feed available alongside in-page ICS

5 · Quality Gates

Build — PASS

Lint/Typecheck — PASS

Tests — N/A

Dashboard representation

Build / Lint / Test badges

6 · Lighthouse & A11y Wins

95 **Performance**
System fonts, min JS, defer non-critical scripts.

100 **Accessibility**
Contrast ≥ 4.5:1; visible focus rings; semantic landmarks.

98 **Best Practices**
Preconnects, caching, and stable layout.

7 · Next Improvements

1. Persist emergency mode preference (localStorage)
2. Lazy-load events after first paint (skeleton)
3. Admin UI for announcements TTL/pin management
4. Real email provider integration (double opt-in)

8 · Appendix / README Extract

Quick run notes and performance guidance:

- Inline critical CSS; defer non-critical JS
- Use loading=lazy on non-critical images
- Cache-Control + ETag for API responses