

[WAVE1-177] REDACTED - HEADINGS MUST USE HEADING MARKUP

Created: 17/Aug/26 Updated: 17/Aug/26

Status:	Backlog
Project:	WAVE 1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Epic	Priority:	High
Reporter:	Brandie Serber	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Attachments:	 image-20260817-121947.png
Department:	Information Technology (IT)
Vendor Name:	REDACTED
Software Testing Status:	Issued Logged

Description

Serious

Reference: 1.3.1 Info and Relationships (WCAG 2.0 AA) - [Heading-markup \(axe 4.12\)](#)

STEPS TO RECREATE

Navigate to the page URL: <https://REDACTED/docviewer.html?sk=43aa84e8ed887ac12b296d01b5bc9e0f80ed24237babf40b1c4a636bc989c0b4&domain=REDACTED>

Open an accessibility testing tool and run a scan

Review the \"Serious\" issues in the results

Validate that headings use proper heading markup

IMPACT

When headings are not marked up correctly, assistive technology users cannot navigate the page by headings or understand the structure of the content. Screen readers rely on heading elements (<h1>-<h6>) or the heading role to build a document outline. If a visual heading is just styled text (like), it is not recognized as a heading by screen readers, making it difficult for users to find specific sections. This is a Serious accessibility violation of WCAG 2.0 AA 1.3.1 Info and Relationships.

ACTUAL RESULT

Axe DevTools identified a Serious violation: headings must use heading markup. The element source is:

```
{code:html}<strong>Additional content from previous item (5.6):</strong>{code}
```

CSS selector: p[data-el-num=\"949\"] > strong

EXPECTED RESULT

Each heading should be marked up as a heading element (<h1>-<h6>) or have a role=\"heading\" with an appropriate aria-level attribute. This allows assistive technologies to identify the text as a heading and include it in the page structure.

RECOMMENDATION

Change the element to a heading (e.g., <h2>, <h3>) or add role=\"heading\" and aria-level to the existing element. This ensures the heading is discernible to screen reader users and correctly represents the document structure.

Comments

Comment by Brandie Serber [17/Aug/26]

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20 / 58 Find & Zoom Hotkeys

- signs
- controller cabinets and associated electronics/hardware
- traffic detector equipment (i.e. in-ground metal-sensing loops, overhead fixed cameras, etc.)
- changeable message signs (CMS)
- uninterrupted power supplies (UPS)
- software and server updates essential to communications and system back up

Signals and the associated electronics are exposed to harsh weather, and some support poles are reaching the end of useful life. In addition, controller failures, deficient cabinet or signal wiring, short circuits, lightning strikes, roadway maintenance or utility activities, damage resulting from vehicle contact, and time contribute to the deterioration of the traffic signal system infrastructure.

strong 355.5 x 20

Contrast AA 21

Additional content from previous item (5.6):

In addition, financial and environmental constraints make it more desirable and practical to relieve congestion and achieve mobility goals by traffic management and technology improvements rather than exclusively expanding the thoroughfare system through widening existing streets and adding new roads. [REDACTED] uses Advanced Transportation Management Systems (ATMS), Incident Management Systems, Integrated Corridor Management, Traffic Signal Timing, and other technologies, such as Geographic Information Systems (GIS), Program/Project/Contract management system (ProjectView), and a transportation management system (Cartegraph) to optimize the capacity and operation of the existing transportation system.

Traffic Management, Transportation Technology, and Planning provides funding for the technology systems, equipment, and services that support [REDACTED] smarter transportation and traffic management.

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