



Sonde

# Accessibility Health Check

<https://stlouisco.com>

828



Strong

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**2** pages | **201** findings | **10** critical | **14** high | **167** medium | **10** low | **100.5** avg/page |  
**1,627** elements | **120** with findings | **92.6%** ECR | **2m 45s** total | **1m 23s** per page

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# Top Findings

[Copy a direct link to share a finding](#) · [Open a discussion to give feedback on a finding](#)

**CRITICAL** Interactive element with role="link" has no accessible name. Screen readers cannot identify this control. WCAG 4.1.2

Page: / [WCAG 4.1.2](#)

Element:

```
<!-- a11y: role="link" -->
```

**SONDE FIX PLAN**  
Add an accessible name using aria-label, aria-labelledby, or visible text content. WCAG 4.1.2 requires all interactive elements to have a programmatically determinable name.

**CRITICAL** Interactive element with role="link" has no accessible name. Screen readers cannot identify this control. WCAG 4.1.2

Page: / [WCAG 4.1.2](#)

Element:

```
<!-- a11y: role="link" -->
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**SONDE FIX PLAN**  
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**CRITICAL** Interactive element with role="link" has no accessible name. Screen readers cannot identify this control. WCAG 4.1.2

Page: / [WCAG 4.1.2](#)

Element:

```
<!-- a11y: role="link" -->
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**SONDE FIX PLAN**  
Add an accessible name using aria-label, aria-labelledby, or visible text content. WCAG 4.1.2 requires all interactive elements to have a programmatically determinable name.

**CRITICAL** Interactive element with role="link" has no accessible name. Screen readers cannot identify this control. WCAG 4.1.2

Page: / [WCAG 4.1.2](#)

Element:

```
<!-- a11y: role="link" -->
```



**SONDE FIX PLAN**

Add an accessible name using aria-label, aria-labelledby, or visible text content. WCAG 4.1.2 requires all interactive elements to have a programmatically determinable name.

Images must have alternative text: Fix any of the following: Element does not have an alt attribute aria-label attribute does not exist or is empty aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty Element has no title attribute Element's default semantics were not overridden with role="none" or role="presentation"

**CRITICAL**

WCAG 1.1.1 ⚡

Page: / [WCAG 1.1.1](#)

Element:

```

```



**SONDE FIX PLAN**

Ensure <img> elements have alternative text or a role of none or presentation. See: <https://www.w3.org/WAI/WCAG22/Understanding/non-text-content>

**CRITICAL**

Elements must only use supported ARIA attributes: Fix all of the following: ARIA attribute is not allowed: aria-expanded="false"

WCAG 4.1.2 ⚡

Page: / [WCAG 4.1.2](#)

Element:

```
<div class="yxt-AutoComplete-wrapper js-yxt-AutoComplete-wrapper" aria-expanded="false">  
</div>
```



**SONDE FIX PLAN**

Ensure an element's role supports its ARIA attributes. See: <https://www.w3.org/WAI/WCAG22/Understanding/name-role-value>

**CRITICAL**

Images must have alternative text: Fix any of the following: Element does not have an alt attribute aria-label attribute does not exist or is empty aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty Element has no title attribute Element's default semantics were not overridden with role="none" or role="presentation"

WCAG 1.1.1 ⚡

Page: / [WCAG 1.1.1](#)

Element:

```

```

 **SONDE FIX PLAN**

Ensure <img> elements have alternative text or a role of none or presentation. See: <https://www.w3.org/WAI/WCAG22/Understanding/non-text-content>

Insufficient color contrast: 1.00:1 (required: 4.5:1 for normal text).

**CRITICAL** Foreground: rgb(255, 255, 255), background: rgb(255, 255, 255). Text: "Drone View: Fly over St. Louis County" WCAG 1.4.3

Page: / [WCAG 1.4.3](#)

**Element:**

```
<div class="words">Drone View: Fly over St. Louis County</div>
```

**1.00:1** x CURRENT

**4.53:1** ✓ SUGGESTED



#ffffff on  #ffffff

#777676 on  #ffffff

 **SONDE FIX PLAN**

Current ratio: 1.00:1 (need 4.5:1). Change foreground from #ffffff to #777676 (ratio: 4.5:1).

Insufficient color contrast: 1.00:1 (required: 4.5:1 for normal text).

**CRITICAL** Foreground: rgba(0, 0, 0, 0), background: rgb(255, 255, 255). Text: "Previous" WCAG 1.4.3

Page: / [WCAG 1.4.3](#)

**Element:**

```
<button class="slick-prev slick-arrow" aria-label="Previous" type="button" style="">Previous</button>
```

**1.00:1** x CURRENT

**4.53:1** ✓ SUGGESTED



#ffffff on  #ffffff

#777676 on  #ffffff

 **SONDE FIX PLAN**

Current ratio: 1.00:1 (need 4.5:1). Change foreground from #ffffff to #777676 (ratio: 4.5:1).

Insufficient color contrast: 1.00:1 (required: 4.5:1 for normal text).

**CRITICAL** Foreground: rgba(0, 0, 0, 0), background: rgb(255, 255, 255). Text: "Next" WCAG 1.4.3


Page: / [WCAG 1.4.3](#)




Element:

```
<button class="slick-next slick-arrow" aria-label="Next" type="button" style="">Next</button>
```

**1.00:1** x CURRENT      **4.53:1** ✓ SUGGESTED

#ffffff on  #ffffff       #777676 on  #ffffff


 **SONDE FIX PLAN**  
Current ratio: 1.00:1 (need 4.5:1). Change foreground from #ffffff to #777676 (ratio: 4.5:1).




**HIGH** Image has no accessible name in the accessibility tree. Screen readers will skip or announce it generically. WCAG 1.1.1   

Page: / [WCAG 1.1.1](#)

Element:

```
<!-- a11y: role="image" -->
```


 **SONDE FIX PLAN**  
Add alt text to the image. If decorative, mark with role="presentation" or alt="". WCAG 1.1.1 requires text alternatives for non-text content.




**HIGH** Image has no accessible name in the accessibility tree. Screen readers will skip or announce it generically. WCAG 1.1.1   

Page: / [WCAG 1.1.1](#)

Element:

```
<!-- a11y: role="image" -->
```

 **SONDE FIX PLAN**  
Add alt text to the image. If decorative, mark with role="presentation" or alt="". WCAG 1.1.1 requires text alternatives for non-text content.

**HIGH** Image has no accessible name in the accessibility tree. Screen readers will skip or announce it generically. WCAG 1.1.1   

Page: / [WCAG 1.1.1](#)

Element:

```
<!-- a11y: role="image" -->
```



**SONDE FIX PLAN**

Add alt text to the image. If decorative, mark with role="presentation" or alt="". WCAG 1.1.1 requires text alternatives for non-text content.

**HIGH**

Interactive controls must not be nested: Fix any of the following: Element has focusable descendants

WCAG 4.1.2 ⚡



Page: / [WCAG 4.1.2](#)

Element:

```
<div id="site-search-icon" class="text-center btn" style="padding:0;" role="button">
```



**SONDE FIX PLAN**

Ensure interactive controls are not nested as they are not always announced by screen readers or can cause focus problems for assistive technologies. See:

<https://www.w3.org/WAI/WCAG22/Understanding/name-role-value>

**HIGH**

Links must have discernible text: Fix all of the following: Element is in tab order and does not have accessible text Fix any of the following: Element does not have text that is visible to screen readers aria-label attribute does not exist or is empty aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty Element has no title attribute

WCAG 2.4.4 ⚡



Page: / [WCAG 2.4.4](#)

Element:

```
<a href="/st-louis-county-government/county-executive/county-executive-news/2025-annual-report-highlights-a-year-of-progress-innovation-and-impact-in-saint-louis-county/" target="_self" tabindex="0"><...</a>
```



**SONDE FIX PLAN**

Ensure links have discernible text. See: <https://www.w3.org/WAI/WCAG22/Understanding/link-purpose-in-context>

**HIGH**

Links must have discernible text: Fix all of the following: Element is in tab order and does not have accessible text Fix any of the following: Element does not have text that is visible to screen readers aria-label attribute does not exist or is empty aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty Element has no title attribute

WCAG 2.4.4 ⚡



Page: / [WCAG 2.4.4](#)

Element:

```
<a class="stretched-link" alt="County Council" href="http://stlouiscountymo.gov/st-louis-county-government/county-council/"></a>
```



**SONDE FIX PLAN**

Ensure links have discernible text. See: <https://www.w3.org/WAI/WCAG22/Understanding/link-purpose-in-context>

Links must have discernible text: Fix all of the following: Element is in tab order and does not have accessible text Fix any of the following: Element does not have text that is visible to screen readers aria-label attribute does not exist or is empty aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty Element has no title attribute

HIGH

WCAG 2.4.4 ⚡

Page: / [WCAG 2.4.4](#)

**Element:**

```
<a href="/st-louis-county-government/county-executive/county-executive-news/county-executive-requests-funding-for-violence-reduction-program/" target="_self" tabindex="0"></a>
```



**SONDE FIX PLAN**

Ensure links have discernible text. See: <https://www.w3.org/WAI/WCAG22/Understanding/link-purpose-in-context>

HIGH

Interactive controls must not be nested: Fix any of the following: Element has focusable descendants

WCAG 4.1.2 WCAG 1.1.1 ⚡

Page: / [WCAG 4.1.2](#) [WCAG 1.1.1](#)

**Element:**

```
<div id="header-tablet__view" class="hero-wrapper small-view hideHeader" role="img" alt="Drone View: Fly over St. Louis County" style="z-index:1;height:350px; max-height:350px; padding-top:116.66666666666667px;"/>
```



**SONDE FIX PLAN**

Ensure interactive controls are not nested as they are not always announced by screen readers or can cause focus problems for assistive technologies. See: <https://www.w3.org/WAI/WCAG22/Understanding/name-role-value> Ensure [role="img"] elements have alternative text. See: <https://www.w3.org/WAI/WCAG22/Understanding/non-text-content>

**HIGH**

Interactive controls must not be nested: Fix any of the following: Element has focusable descendants

WCAG 4.1.2



**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/> WCAG 4.1.2

**Element:**

```
<div id="site-search-icon" class="text-center btn" style="padding:0;" role="button"> <a href="/search-results/">
```



**SONDE FIX PLAN**

Ensure interactive controls are not nested as they are not always announced by screen readers or can cause focus problems for assistive technologies. See: <https://www.w3.org/WAI/WCAG22/Understanding/name-role-value>

**HIGH**

Focus jumps backward from "County Executive Requests Funding for Violence Reduction Pro" to "#slick-slide01 > div > div > a" (visual distance: 673px). No explicit tabIndex — likely a DOM order issue. WCAG 2.4.3



**Page:** [/ WCAG 2.4.3](#)

**Element:**

```
<a></a>
```



**SONDE FIX PLAN**

Reorder elements in the DOM to match the visual layout.

**HIGH**

Focus jumps backward from "Accessibility Menu" to "Skip to main content" (visual distance: 743px). No explicit tabIndex — likely a DOM order issue. WCAG 2.4.3



**Page:** [/ WCAG 2.4.3](#)

**Element:**

```
<a>Skip to main content</a>
```



**SONDE FIX PLAN**

Reorder elements in the DOM to match the visual layout.

**HIGH** Focus jumps backward from "Accessibility Menu" to "Skip to main content" (visual distance: 741px). No explicit tabIndex — likely a DOM order issue. WCAG 2.4.3

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#) WCAG 2.4.3

**Element:**

```
<a>Skip to main content</a>
```



**SONDE FIX PLAN**

Reorder elements in the DOM to match the visual layout.

**HIGH** Missing Strict-Transport-Security header (HSTS)

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#)



**SONDE FIX PLAN**

Add Strict-Transport-Security header with max-age of at least 31536000 Add X-Content-Type-Options: nosniff Add X-Frame-Options: DENY or SAMEORIGIN Add a Content-Security-Policy header with appropriate directives Add Referrer-Policy: strict-origin-when-cross-origin or no-referrer

**MEDIUM** Page has 2 "navigation" landmarks but only 1 have distinct labels. Screen reader users cannot distinguish between them. WCAG 1.3.1

**Page:** [/](#) WCAG 1.3.1

**Element:**

```
<!-- 2 navigation landmarks, 1 labeled -->
```



**SONDE FIX PLAN**

Add unique aria-label or aria-labelledby to each "navigation" landmark so screen readers can differentiate them. Example: <nav aria-label="Primary">, <nav aria-label="Footer">.

**MEDIUM** Page has 3 "navigation" landmarks but only 2 have distinct labels. Screen reader users cannot distinguish between them. WCAG 1.3.1

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#) WCAG 1.3.1

**Element:**

```
<!-- 3 navigation landmarks, 2 labeled -->
```



**SONDE FIX PLAN**

Add unique aria-label or aria-labelledby to each "navigation" landmark so screen readers can differentiate them. Example: <nav aria-label="Primary">, <nav aria-label="Footer">.

**MEDIUM**

Document should have one main landmark: Fix all of the following: Document does not have a main landmark



Page: [/](#)

Element:

```
<html lang="en" data-uw-w-loader="">
```



**SONDE FIX PLAN**

Ensure the document has a main landmark. See: <https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM**

All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks



Page: [/](#)

Element:

```
<div class="slick-slide slick-active" data-slick-index="1" aria-hidden="false" role="tabpanel" id="slick-slide01" style="width: 555px;">
```



**SONDE FIX PLAN**

Ensure all page content is contained by landmarks. See: <https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM**

All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks



Page: [/](#)

Element:

```
<ul class="slick-dots" role="tablist" style="">
```



**SONDE FIX PLAN**

Ensure all page content is contained by landmarks. See: <https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM**

All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks



**Page:** [/](#)

**Element:**

```
<div class="mura-object mura-twe..." data-object="collection" data-objectid="F931B810-0FF2-46FA-A..." data-instanceid="D66B2D46-BC6F-4D2E-9..." data-objectname="Collection" data-objecticonclass="mi-th...
```

**SONDE FIX PLAN**  
Ensure all page content is contained by landmarks. See:  
<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM** All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks

**Page:** [/](#)

**Element:**

```
<div class="mura-cta__item__content">
```

**SONDE FIX PLAN**  
Ensure all page content is contained by landmarks. See:  
<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM** All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks

**Page:** [/](#)

**Element:**

```
<div id="data-container" style="padding-bottom:1rem;">
```

**SONDE FIX PLAN**  
Ensure all page content is contained by landmarks. See:  
<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM** All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks

**Page:** [/](#)

**Element:**

```
<div style="padding-top:1rem; padding-bottom:1.75rem;">  
  <h2 style="font-size:2.5rem;margin:0; color:#24456A;text-align:center;" data-uw-1m-heading="prs">COUNTY STATS AT A GLANCE</h2>  
</div>
```



**SONDE FIX PLAN**

Ensure all page content is contained by landmarks. See:

<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM**

All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks



Page: [/](#)

Element:

```
<div class="mura-object mura-twe..." data-object="container" data-objectid="31750DB2-C84F-4E5C-B..." data-instanceid="92EC5C6F-5538-41F5-9..." data-objectname="Container" data-objecticonclass="mi-squa...
```



**SONDE FIX PLAN**

Ensure all page content is contained by landmarks. See:

<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM**

All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks



Page: [/](#)

Element:

```
<div class="mura-object mura-twe..." data-object="collection" data-objectid="0A9921A8-C6BF-4CA7-9..." data-instanceid="729E5139-8A44-4420-A..." data-objectname="Collection" data-objecticonclass="mi-th...
```



**SONDE FIX PLAN**

Ensure all page content is contained by landmarks. See:

<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM**

All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks



Page: [/](#)

Element:

```
<div class="mura-object mura-exp..." data-object="container" data-objectid="006F7F06-E550-47ED-B..." data-instanceid="F910F9F4-06CD-4990-A..." data-objectname="Container" data-objecticonclass="mi-squa...
```



**SONDE FIX PLAN**

Ensure all page content is contained by landmarks. See:

<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM** All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks

Page: /

Element:

```
<div class="mura-object mura-twe..." data-object="collection" data-objectid="F5773DA4-A2B9-4F07-A..." data-instanceid="CC549BFB-5CED-44DC-9..." data-objectname="Collection" data-objecticonclass="mi-th...
```

**SONDE FIX PLAN**  
Ensure all page content is contained by landmarks. See: <https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM** All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks

Page: /

Element:

```
<div class="mura-object mura-asy..." data-object="text" data-objectname="Text" data-objecticonclass="mi-font" data-async="false" data-instanceid="8D093A35-143C-4496-A..." data-queue="true" data-object...
```

**SONDE FIX PLAN**  
Ensure all page content is contained by landmarks. See: <https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM** All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks

Page: /

Element:

```
<div class="slick-slide slick-current slick-active" data-slick-index="0" aria-hidden="false" role="tabpanel" id="slick-slide00" style="width: 555px;">
```

**SONDE FIX PLAN**  
Ensure all page content is contained by landmarks. See: <https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM** All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks

Page: /

Element:

```
<div id="header-tablet__view" class="hero-wrapper small-view hideHeader" role="img" alt="Drone View: Fly over St. Louis County" style="z-index:1;height:350px; max-height:350px; padding-top:116.6666666..."
```



**SONDE FIX PLAN**

Ensure all page content is contained by landmarks. See:

<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM**

All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks

**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**

```
<div class="mura-object mura-twe..." data-object="container" data-objectid="C4C52A2D-5E7A-4064-9..." data-instanceid="02F2ECCC-1703-4278-9..." data-objectname="Container" data-objecticonclass="mi-squa..."
```



**SONDE FIX PLAN**

Ensure all page content is contained by landmarks. See:

<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM**

Heading levels should only increase by one: Fix any of the following: Heading order invalid

**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**

```
<h6 style="font-size: 1.25rem !important; font-family:lexend !important; text-align:center;">Government</h6>
```



**SONDE FIX PLAN**

Ensure the order of headings is semantically correct. See:

<https://www.w3.org/WAI/WCAG22/quickref/>

**MEDIUM**

Document should have one main landmark: Fix all of the following: Document does not have a main landmark

**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**

```
<html lang="en" data-uw-w-loader="">
```



**SONDE FIX PLAN**

Ensure the document has a main landmark. See: <https://www.w3.org/WAI/WCAG22/quickref/>

MEDIUM

All page content should be contained by landmarks: Fix any of the following: Some page content is not contained by landmarks



Page: </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**

```
<div class="row">
  <div class="col-sm-12">
    <h1 class="department-header-name">City of Ballwin: Document Shredding Event (On-Site Shredding)</h1>
    ...
```



**SONDE FIX PLAN**

Ensure all page content is contained by landmarks. See: <https://www.w3.org/WAI/WCAG22/quickref/>

MEDIUM

Clicking "Submit" inserts 2 element(s) without ARIA live region. Screen readers will not announce this dynamic content.

WCAG 4.1.3



Page: [/ WCAG 4.1.3](#)

**Element:**

```
<button type="button" class="js-yext-submit yxt-SearchBar-button" style="">
  <div class="yxt-SearchBar-buttonImage component yxt-Answers-component" data-component="IconComponent" data-opts=
```



**SONDE FIX PLAN**

Wrap dynamically inserted content in an element with `aria-live="polite"` (or `role="status"/"alert"`) so assistive technologies announce the change.

MEDIUM

Clicking "Skip to main content" inserts 2 element(s) without ARIA live region. Screen readers will not announce this dynamic content.

WCAG 4.1.3



Page: [/ WCAG 4.1.3](#)


**Element:**

```
<button class="uw-sl__item" data-uw-rm-ignore="true" data-uw-ignore-translate="true" lang="en-US" id="uw-skip-to-main"><span class="uw-sl__item__left" data-uw-ignore-translate="true"><span class="uw-s
```



**SONDE FIX PLAN**


Wrap dynamically inserted content in an element with `aria-live="polite"` (or `role="status"/"alert"`) so assistive technologies announce the change.


**MEDIUM** "ADA Information" is visually at position 18 but receives focus at position 34 (drift: 16). WCAG 2.4.3 

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#) WCAG 2.4.3

**Element:**

```
<a>ADA Information</a>
```


 **SONDE FIX PLAN**  
Align DOM order with visual presentation, or use tabIndex to match the visual sequence.


**MEDIUM** "Services" is visually at position 34 but receives focus at position 18 (drift: 16). WCAG 2.4.3 

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#) WCAG 2.4.3

**Element:**

```
<a>Services</a>
```


 **SONDE FIX PLAN**  
Align DOM order with visual presentation, or use tabIndex to match the visual sequence.

**MEDIUM** Broken link: <https://stlouiscountymo.gov/contact-us/sms-terms-of-use> returned status 403 Forbidden after 1 attempts 

**Page:** [/](#)

**Element:**


```
<a href="https://stlouiscountymo.gov/contact-us/sms-terms-of-use">SMS - Terms of Use</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/contact-us/awards> returned status 403 Forbidden after 1 attempts 

**Page:** [/](#)

**Element:**

```
<a href="https://stlouiscountymo.gov/contact-us/awards">Awards ☆☆☆☆</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/services/> returned status 403 Forbidden after 1 attempts 

**Page:** [/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/services/">County Services</a>`

**MEDIUM**

Broken link: <https://stlouiscountymo.gov/contact-us> returned status 403 Forbidden after 1 attempts

**Page:** [/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/contact-us">Contact Us</a>`

**MEDIUM**

Broken link: <https://stlouiscountymo.gov/contact-us/privacy-policy> returned status 403 Forbidden after 1 attempts

**Page:** [/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/contact-us/privacy-policy">Privacy Policy</a>`

**MEDIUM**

Broken link: <https://stlouiscountymo.gov/search-results/> returned status 403 Forbidden after 1 attempts

**Page:** [/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/search-results/"></a>`

**MEDIUM**

Broken link: <https://stlouiscountymo.gov/st-louis-county-government/county-executive/county-executive-news/county-executive-requests-funding-for-violence-reduction-program/> returned status 403 Forbidden after 1 attempts

**Page:** [/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/st-louis-county-government/county-executive/county-executive-news/county-executive-requests-funding-for-violence-reduction-program/"></a>`


**MEDIUM**

Broken link: <https://stlouiscountymo.gov/#MainContent> returned status 403 Forbidden after 1 attempts

**Page:** [/](#)

**Element:**




`<a href="https://stlouiscountymo.gov/#MainContent">Skip to main content</a>`

**MEDIUM** Broken link: <https://stlouiscountymo.gov/services> returned status 403 Forbidden after 1 attempts   

**Page:** [/](#)

**Element:**




```
<a href="https://stlouiscountymo.gov/services">Services</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/services/pollen-and-mold/> returned status 403 Forbidden after 1 attempts   

**Page:** [/](#)

**Element:**




```
<a href="https://stlouiscountymo.gov/services/pollen-and-mold/">Pollen & Mold Co  
unt</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/county-calendar/second-virtual-open-house-public-meeting-old-halls-ferry/> returned status 403 Forbidden after 1 attempts   

**Page:** [/](#)

**Element:**




```
<a href="https://stlouiscountymo.gov/county-calendar/second-virtual-open-house-publi  
c-meeting-old-halls-ferry/">Mar  
30  
  
</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/services/st-louis-county-claims-management/> returned status 403 Forbidden after 1 attempts   

**Page:** [/](#)

**Element:**

```
<a href="https://stlouiscountymo.gov/services/st-louis-county-claims-management/">Fi  
le A Claim</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/saint-louis-county-missouri-careers/> returned status 403 Forbidden after 1 attempts   

**Page:** [/](#)

**Element:**

```
<a href="https://stlouiscountymo.gov/saint-louis-county-missouri-careers/">County Jobs</a>
```

MEDIUM

Broken link: <https://stlouiscountymo.gov/services/join-the-wait-line/> returned status 403 Forbidden after 1 attempts



Page: [/](#)

Element:

```
<a href="https://stlouiscountymo.gov/services/join-the-wait-line/">Virtual Wait Line</a>
```

MEDIUM

Broken link: <https://stlouiscountymo.gov/contact-us/terms-of-use> returned status 403 Forbidden after 1 attempts



Page: [/](#)

Element:

```
<a href="https://stlouiscountymo.gov/contact-us/terms-of-use">Terms of Use</a>
```

MEDIUM

Broken link: <https://stlouiscountymo.gov/> returned status 403 Forbidden after 1 attempts



Page: [/](#)

Element:

```
<a href="https://stlouiscountymo.gov/">@media screen and (max-width: 850px) {  
  #CountyLogo {  
    content:url(&quot;/sit</a>
```

MEDIUM

Broken link: <https://stlouiscountymo.gov/online-payments-and-forms/> returned status 403 Forbidden after 1 attempts



Page: [/](#)

Element:

```
<a href="https://stlouiscountymo.gov/online-payments-and-forms/">Payments & Forms</a>
```

MEDIUM

Broken link: <https://stlouiscountymo.gov/i-want-to/> returned status 403 Forbidden after 1 attempts



Page: [/](#)

Element:

`<a href="https://stlouiscountymo.gov/i-want-to/">I Want To...</a>`

**MEDIUM**

Broken link: <https://stlouiscountymo.gov/st-louis-county-departments/public-health/birth-and-death-records/> returned status 403 Forbidden after 1 attempts

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/st-louis-county-departments/public-health/birth-and-death-records/">Birth or Death Records</a>`

**MEDIUM**

Broken link: <https://stlouiscountymo.gov/services/pollen-and-mold/> returned status 403 Forbidden after 1 attempts

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/services/pollen-and-mold/">Pollen & Mold Count</a>`

**MEDIUM**

Broken link: <https://stlouiscountymo.gov/contact-us/privacy-policy> returned status 403 Forbidden after 1 attempts

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/contact-us/privacy-policy">Privacy Policy</a>`

**MEDIUM**

Broken link: <https://stlouiscountymo.gov/search-results/> returned status 403 Forbidden after 1 attempts

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/search-results/"></a>`

**MEDIUM**

Broken link: <https://stlouiscountymo.gov/services/join-the-wait-line/> returned status 403 Forbidden after 1 attempts

**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#)

**Element:**

`<a href="https://stlouiscountymo.gov/services/join-the-wait-line/">Virtual Wait Line</a>`

<b>MEDIUM</b>	Broken link: <a href="https://stlouiscountymo.gov/">https://stlouiscountymo.gov/</a> returned status 403 Forbidden after 1 attempts			
<b>Page:</b> <a href="/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/">/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/</a>				
<b>Element:</b>				
<pre>&lt;a href="https://stlouiscountymo.gov/"&gt;@media screen and (max-width: 850px) {   #CountyLogo {     content:url(&amp;quot;/sit&lt;/a&gt;</pre>				
<b>MEDIUM</b>	Broken link: <a href="https://stlouiscountymo.gov/services">https://stlouiscountymo.gov/services</a> returned status 403 Forbidden after 1 attempts			
<b>Page:</b> <a href="/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/">/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/</a>				
<b>Element:</b>				
<pre>&lt;a href="https://stlouiscountymo.gov/services"&gt;Services&lt;/a&gt;</pre>				
<b>MEDIUM</b>	Broken link: <a href="https://stlouiscountymo.gov/contact-us/terms-of-use">https://stlouiscountymo.gov/contact-us/terms-of-use</a> returned status 403 Forbidden after 1 attempts			
<b>Page:</b> <a href="/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/">/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/</a>				
<b>Element:</b>				
<pre>&lt;a href="https://stlouiscountymo.gov/contact-us/terms-of-use"&gt;Terms of Use&lt;/a&gt;</pre>				
<b>MEDIUM</b>	Broken link: <a href="https://stlouiscountymo.gov/services/st-louis-county-claims-management/">https://stlouiscountymo.gov/services/st-louis-county-claims-management/</a> returned status 403 Forbidden after 1 attempts			
<b>Page:</b> <a href="/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/">/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/</a>				
<b>Element:</b>				
<pre>&lt;a href="https://stlouiscountymo.gov/services/st-louis-county-claims-management/"&gt;File A Claim&lt;/a&gt;</pre>				
<b>MEDIUM</b>	Broken link: <a href="https://stlouiscountymo.gov/contact-us/awards">https://stlouiscountymo.gov/contact-us/awards</a> returned status 403 Forbidden after 1 attempts			
<b>Page:</b> <a href="/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/">/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/</a>				
<b>Element:</b>				
<pre>&lt;a href="https://stlouiscountymo.gov/contact-us/awards"&gt;Awards ☆☆☆☆&lt;/a&gt;</pre>				
<b>MEDIUM</b>	Broken link: <a href="https://stlouiscountymo.gov/saint-louis-county-missouri-careers/">https://stlouiscountymo.gov/saint-louis-county-missouri-careers/</a> returned status 403 Forbidden after 1 attempts			

**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**


```
<a href="https://stlouiscountymo.gov/saint-louis-county-missouri-careers/">County Jobs</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/contact-us/sms-terms-of-use> returned status 403 Forbidden after 1 attempts 

**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**


```
<a href="https://stlouiscountymo.gov/contact-us/sms-terms-of-use">SMS - Terms of Use</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/online-payments-and-forms/> returned status 403 Forbidden after 1 attempts 

**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**


```
<a href="https://stlouiscountymo.gov/online-payments-and-forms/">Payments & Forms</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/contact-us> returned status 403 Forbidden after 1 attempts 

**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**


```
<a href="https://stlouiscountymo.gov/contact-us">Contact Us</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/#MainContent> returned status 403 Forbidden after 1 attempts 

**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**

```
<a href="https://stlouiscountymo.gov/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/#MainContent">Skip to main content</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/i-want-to/> returned status 403 Forbidden after 1 attempts 

**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**

```
<a href="https://stlouiscountymo.gov/i-want-to/">I Want To...</a>
```

**MEDIUM** Broken link: <https://stlouiscountymo.gov/services/> returned status 403 Forbidden after 1 attempts


**Page:** </county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/>

**Element:**

```
<a href="https://stlouiscountymo.gov/services/">County Services</a>
```

**MEDIUM** Missing X-Frame-Options header

**Page:** [/](#)

 **SONDE FIX PLAN**  
Add X-Frame-Options: DENY or SAMEORIGIN Add Referrer-Policy: strict-origin-when-cross-origin or no-referrer

**LOW** Broken link: <https://revenue.stlouisco.com/Collection/PayTaxes/default.aspx> returned status 403 Forbidden after 1 attempts

**Page:** [/](#)

**Element:**

```
<a href="https://revenue.stlouisco.com/Collection/PayTaxes/default.aspx">Personal Property & Real Estate Taxes</a>
```

**LOW** Broken link: <https://taxpayments.stlouiscountymo.gov/> returned status 403 Forbidden after 1 attempts

**Page:** [/](#)

**Element:**












```
<a href="https://taxpayments.stlouiscountymo.gov/">Tax Receipts</a>
```

**LOW** Broken link: <https://twitter.com/STLCounty> returned status 403 Forbidden after 1 attempts

**Page:** [/](#)

**Element:**

```
<a href="https://twitter.com/STLCounty"></a>
```

<p><b>LOW</b></p>	<p>Broken link: <a href="https://stlcopa.stlouiscountymo.gov/">https://stlcopa.stlouiscountymo.gov/</a> returned status 403 Forbidden after 1 attempts</p>	 
<p><b>Page:</b> <a href="#">/</a></p> <p><b>Element:</b></p> <pre data-bbox="159 604 1324 672">&lt;a href="https://stlcopa.stlouiscountymo.gov/"&gt;County Prosecutor&lt;/a&gt;</pre>		
<p><b>LOW</b></p>	<p>Broken link: <a href="http://stlouiscountymo.gov/st-louis-county-government/county-council/">http://stlouiscountymo.gov/st-louis-county-government/county-council/</a> returned status 403 Forbidden after 1 attempts</p>	 
<p><b>Page:</b> <a href="#">/</a></p> <p><b>Element:</b></p> <pre data-bbox="159 1057 1324 1124">&lt;a href="http://stlouiscountymo.gov/st-louis-county-government/county-council/"&gt;&lt;/a&gt;</pre>		
<p><b>LOW</b></p>	<p>Broken link: <a href="https://revenue.stlouisco.com/Collection/PayTaxes/default.aspx">https://revenue.stlouisco.com/Collection/PayTaxes/default.aspx</a> returned status 403 Forbidden after 1 attempts</p>	 
<p><b>Page:</b> <a href="/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/">/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/</a></p> <p><b>Element:</b></p> <pre data-bbox="159 1509 1324 1576">&lt;a href="https://revenue.stlouisco.com/Collection/PayTaxes/default.aspx"&gt;Personal Property &amp; Real Estate Taxes&lt;/a&gt;</pre>		
<p><b>LOW</b></p>	<p>Broken link: <a href="https://taxpayments.stlouiscountymo.gov/">https://taxpayments.stlouiscountymo.gov/</a> returned status 403 Forbidden after 1 attempts</p>	 
<p><b>Page:</b> <a href="/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/">/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/</a></p> <p><b>Element:</b></p> <pre data-bbox="159 1962 1324 2029">&lt;a href="https://taxpayments.stlouiscountymo.gov/"&gt;Tax Receipts&lt;/a&gt;</pre>		
<p><b>LOW</b></p>	<p>Broken link: <a href="https://stlcopa.stlouiscountymo.gov/">https://stlcopa.stlouiscountymo.gov/</a> returned status 403 Forbidden after 1 attempts</p>	 
<p><b>Page:</b> <a href="/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/">/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/</a></p> <p><b>Element:</b></p> <pre data-bbox="159 2181 1324 2240">&lt;a href="https://stlcopa.stlouiscountymo.gov/"&gt;County Prosecutor&lt;/a&gt;</pre>		
<p><b>LOW</b></p>	<p>Broken link: <a href="https://csportal.stlouiscountymo.gov/">https://csportal.stlouiscountymo.gov/</a> returned status 403 Forbidden after 1 attempts</p>	 
<p><b>Page:</b> <a href="/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/">/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/</a></p>		

**Element:**

```
<a href="https://csportal.stlouiscountymo.gov/">Resident Customer Service</a>
```

LOW

Broken link: <https://twitter.com/STLCounty> returned status 403 Forbidden after 1 attempts



**Page:** [/county-calendar/city-of-ballwin-document-shredding-event-on-site-shredding5/](#)

**Element:**

```
<a href="https://twitter.com/STLCounty"></a>
```

## Methodology

The Sonde Score is a universal 0–1000 compliance index — think of it like a credit score for accessibility. Each finding is weighted by its impact on human access: a keyboard trap (critical) counts far more than a best-practice suggestion (low). The raw penalty is normalized per page so scores are comparable across sites of any size. A harmonic curve ensures every site gets a meaningful score — no zeros, no false perfection.

$$\text{Score} = \text{round}(1000 \times S / (S + P/N))$$

where S = sensitivity (750), P =  $\Sigma(\text{weight} \times \text{count})$ , N = pages scanned

TIER	WEIGHT	EXAMPLES
Critical	10	Keyboard traps, missing page language
High	3	Missing alt text, insufficient contrast
Medium	1	Heading hierarchy, unclear link purpose
Low	0.25	Best-practice suggestions

*The Sonde Score is a living standard (v0.1). We're building it in the open because accessibility is too important for closed-door decisions. Your expertise makes it better.*

### Enter Mission Control

Review raw findings data, track changes between scans, and contribute to Sonde's open methodology.

 [View Findings Data](#)

 [Track Changes](#)

 [Nominate a Site](#)

 [Report a Scanning Issue](#)