mugo web

Accessibility Audit for Strathcona.ca

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About Mugo Web

Mugo Web is a team of website developers based in Vancouver, BC. Mugo is dedicated to the promotion and development of accessible websites. One of our key services is to audit existing websites for their accessibility within the context of the Web Content Accessibility Guidelines (WCAG), in order to ensure that websites are accessible to people with visual, auditory, speech, cognitive, and neurological disabilities. Read more about our website accessibility services or contact us to discuss your needs.

Strathcona County has retained us to perform this service for Strathcona.ca. Following is our report.

Process

Each page identified in the Reviewed URLs section was audited both technically using the Siteimprove Chrome extension and also by manually navigating the page using tools such as the keyboard and a screen reader. A screen reader is a tool that interprets the content of a web page and relays that information audibly. On macOS, VoiceOver was used with Safari; on Windows, NVDA was used with Firefox.

Reviewed URLs

Home page
- https://www.strathcona.ca/

Topic page
- https://www.strathcona.ca/council-county/
- https://www.strathcona.ca/transportation-roads/

Sub-topic page
- https://www.strathcona.ca/transportation-roads/transportation/
- https://www.strathcona.ca/agriculture-environment/wildlife/

Two-column content page

- https://www.strathcona.ca/transportation-roads/winter-roads/parking-bans-during-snow-removal
- https://www.strathcona.ca/council-county/boards-and-committees/list-boards-and-committees/community-living-advisory-committee/

One-column content page

- https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/
- Excluded are maps:
  https://www.strathcona.ca/council-county/facts-stats-and-forecasts/maps/

Campaign page

- https://www.strathcona.ca/community-families/well-being-and-mental-health/choose-kind/ - This page was identified in the scope but no longer exists, so we reviewed this page instead:
  https://www.strathcona.ca/community-families/well-being-and-mental-health/cannabis-strategy/
- https://www.strathcona.ca/recreation-events/tourism/

Search

- https://www.strathcona.ca/search/?ss360Query=wilderness

Careers module

- https://www.strathcona.ca/council-county/careers/career-opportunities/

Contact directory

- https://www.strathcona.ca/council-county/administration/county-service-contacts/

County Connect module

- https://www.strathcona.ca/countyconnect/
- https://www.strathcona.ca/countyconnect/category/apply-for-it/
- https://www.strathcona.ca/countyconnect/az/
- https://www.strathcona.ca/countyconnect/service/animal-over-limit-permit/
- https://www.strathcona.ca/countyconnect/service/traffic-sign-issue/
- https://www.strathcona.ca/countyconnect/service/track-my-request/

Accessibility issues

We have discovered 70 issues. We are still assessing the scope of the impact of these issues on developers, editors, and designers. These issues are detailed below, organized according to the WCAG and its success criteria.

Principle 1 – Perceivable

1.1 Text Alternatives

1.1.1 Non-text Content [Level A]

Issue   Image at top of page is missing alt tag.

URL Impact: https://www.strathcona.ca/council-county/, https://www.strathcona.ca/transportation-roads/

Fix   Add a descriptive alt tag for this image and make sure that the template includes it in the output.

Issue   Images in 'Related Pages' links are missing alt tags.

Bus schedules and routes

URL Impact: https://www.strathcona.ca/transportation-roads/transportation/ and anywhere 'Related Pages' widget appears.

Fix   In this case, the images are part of a link, so a null alt tag needs to be included for each image (alt=""). In this case the image is decorative and it's true purpose is to serve as a link. Therefore, if there is an alt tag, it will be read in addition to or sometimes instead of the link text. The most important information here is what is going to happen when the user clicks the link. The description of the image will more than likely have nothing to do with the link target. More detail needed here

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Issue   Flowchart image needs a text alternative.

URL Impact:

https://www.strathcona.ca/community-families/well-being-and-mental-health/cannabis-strategy/ and anywhere a flowchart image appears.

Fix   Create a text version of the flowchart and provide a link to that content. The best solution would be to provide an expandable element.

Issue   Table image needs a text alternative.

URL Impact:
https://www.strathcona.ca/community-families/well-being-and-mental-health/cannabis-strategy/ and anywhere a table is presented as an image.
Fix   Create an html version of this table.

Issue   Image alt tags are redundant. The alt tags for image links is the same as the adjacent link text.

Animals and
pests

URL Impact: https://www.strathcona.ca/countyconnect/.
Fix   In this case, the images are part of a link, so a null alt tag needs to be included for each image (alt="").

Issue   Image links have descriptive alt tags. When an image is used as part of a link, the alt tag should be null . In the two examples below from the same page, the image on the left has a descriptive alt tag, however the image on the right has a null alt tag (alt=""). The second example is the correct way, but also important is that the approach should be consistent.

Mayor and Councillors   **Bylaws and policies**

URL Impact: https://www.strathcona.ca/council-county/,
https://www.strathcona.ca/transportation-roads/.
Fix   Use a null alt tag (alt="") for images that are part of links.

Issue The interactive activity guide should be hidden from the screen reader.

URL Impact: https://www.strathcona.ca/recreation-events/tourism/
Fix Add aria-hidden="true" to the containing element. Add an aria-label to the pdf link to better describe it as a text alternative to the interactive book.

Issue The slide show images' alt tags are not descriptive enough and are not being read by the screen reader.

URL Impact:

https://www.strathcona.ca/recreation-events/recreation-centres/strathcona-wilderness-centre/
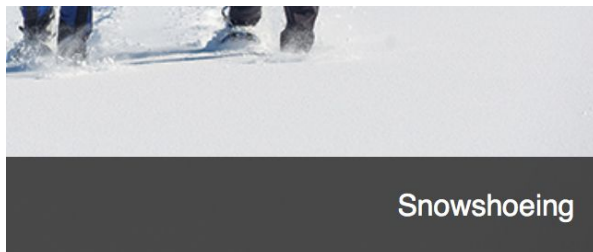
Fix You are going to have to provide more descriptive alt tags. To ensure that they are being read, provide a hidden element that has role="alert" aria-live="assertive". Then update the content of this element with the alt tag of the current slide.

1.2 Time-based Media

There are videos on the site, but videos were deemed out of scope for this report

1.2.1 Audio-only and Video-only (Prerecorded) [Level A]

No issues found for this success criteria

1.2.2 Captions (Prerecorded) [Level A]

No issues found for this success criteria

1.2.3 Audio Description or Media Alternative (Prerecorded) [Level A]

No issues found for this success criteria

1.2.4 Captions (Live) [Level AA]

No issues found for this success criteria

1.2.5 Audio Description (Prerecorded) [Level AA]

No issues found for this success criteria

1.3 Adaptable

1.3.1 Info and Relationships [Level A]

Issue   Two or more landmarks have identical names. There are two elements that have the same role and aria-label:

```
<div id="search-drop" class="uk-drop lf-search-drop"
uk-drop="mode: click; pos: left-center; offset: 0;
animation: uk-animation-fade; delay-hide: 0;" role="search"
aria-label="site search">
```
and
```
<div uk-grid="uk-grid" role="search" aria-label="site
search" class="uk-grid uk-grid-stack">
```

This is not allowed.

URL Impact: Global: This seems to appear on every page

Fix   give one of the elements a different aria-label

Issue   Two or more landmarks have identical names. There are two elements that have the same role and aria-label:

```
<div class="uk-background-primary uk-light
uk-margin-remove uk-drop" uk-drop="mode: click; pos:
```

```
bottom-justify" role="navigation" aria-label="page sub
navigation">
```
and
```
<div role="navigation" aria-label="page sub
navigation">
```
This is not allowed.

URL Impact:
https://www.strathcona.ca/council-county/boards-and-committees/list-boards-and-committees/community-living-advisory-committee/

Fix   give one of the elements a different aria-label

Issue   Two or more landmarks have identical names. There are two elements that have the same role and aria-label:
```
<div role="search" aria-label="county connect search">
```
and
```
<div class="uk-margin" role="search"
aria-label="county connect search" style="z-index:
2147483646; position: relative;">
```
This is not allowed.

URL Impact:
https://www.strathcona.ca/countyconnect/service/animal-over-limit-permit/,
https://www.strathcona.ca/countyconnect/service/track-my-request/,
https://www.strathcona.ca/countyconnect/service/traffic-sign-issue/

Fix   give one of the elements a different aria-label

Issue   Generic landmarks used. It's confusing to use more than one instance of a landmark element without more information to differentiate them. The <section> element is used repeatedly with no specific information:
```
<section class="uk-width-1-4@m uk-grid-margin
uk-first-column" style="z-index: 2147483646; position:
relative;">
```
URL Impact: Global: Many pages contain multiple generic <section> elements

Fix   To each of these sections, add role="region" or something more specific if it applies (navigation, for example). Also add a unique aria-label that describes the purpose of the section.

Issue Presentational attribute width used in table element:

```
<table width="100%" style="z-index: 2147483646;
position: relative;">
```

URL Impact:

https://www.strathcona.ca/council-county/boards-and-committees/list-boards-and
-committees/community-living-advisory-committee/

Fix Remove the table width attribute and add it to the style attribute.

Issue Presentational attribute width used in iFrame element:

```
<iframe src="javascript:'<html><head></head><body
style=background-color:transparent></body></html>'"
id="trumba.spud.1.iframe" name="trumba.spud.1.iframe"
style="border-style:none;background-color:transparent;"
width="100%" scrolling="no" height="28" title="Month List
Control">
```

URL Impact:

https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix Remove the iframe width and height attributes and add them to the
style attribute.

Issue Presentational attribute width used in iFrame element:

```
<iframe src="javascript:'<html><head></head><body
style=background-color:transparent></body></html>'"
id="trumba.spud.1.iframe" name="trumba.spud.1.iframe"
style="border-style:none;background-color:transparent;"
width="100%" scrolling="no" height="28" title="Month List
Control">
```

URL Impact:

https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix Remove the iframe width and height attributes and add them to the
style attribute.

Issue   Two or more elements share the same id:

```
<div id="ss360-searchbox-spinner" style="display:
none;">
```
and
```
<div id="ss360-searchbox-spinner">
```

This is not allowed.

URL Impact: https://www.strathcona.ca/search/?ss360Query=wilderness

Fix   give one of the elements a different id.

Issue   The iframe contains presentational attributes:

```
<iframe
src="https://countyconnect.strathcona.ca/Ef3external/TAS_WSS_Permits.
xml?txtEventCode=4001048" height="500px" width="100%"
allowfullscreen="" frameborder="0" class="frame" style="z-index:
2147483646; position: relative;">
```

URL Impact:
https://www.strathcona.ca/countyconnect/service/animal-over-limit-permit/

Fix   Move the height and width attributes to the style attribute.

Issue   The iframe contains presentational attributes:

```
<iframe
src="https://app.powerbi.com/view?r=eyJrIjoiNzIxOThlY2UtMjAyMi00YzdmL
WEzNTItZDdiNGY5YjU4MTQ0IiwidCI6ImU5MjM2MWRhLTgwZjUtNDY3Ny04OTE1LWNhOD
BmNDMzZmYxYyJ9" height="2560px" width="100%" allowfullscreen=""
frameborder="0" class="frame" style="z-index: 2147483646; position:
relative;">
```

URL Impact: https://www.strathcona.ca/countyconnect/service/track-my-request/

Fix   Move the height and width attributes to the style attribute.

Issue   The iframe contains presentational attributes:

```
<iframe
src="https://app.powerbi.com/view?r=eyJrIjoiNzIxOThlY2UtMjAyMi00YzdmL
WEzNTItZDdiNGY5YjU4MTQ0IiwidCI6ImU5MjM2MWRhLTgwZjUtNDY3Ny04OTE1LWNhOD
BmNDMzZmYxYyJ9" height="2560px" width="100%" allowfullscreen=""
```

```
frameborder="0" class="frame" style="z-index: 2147483646; position:
relative;">
```
URL Impact: https://www.strathcona.ca/countyconnect/service/traffic-sign-issue/.
Fix Move the height and width attributes to the style attribute.

1.3.2 Meaningful Sequence [Level A]

No issues found for this success criteria

1.3.3 Sensory Characteristics [Level A]

No issues found for this success criteria

1.4 Distinguishable

1.4.1 Use of Color [Level A]

No issues found for this success criteria

1.4.2 Audio Control [Level A]

No issues found for this success criteria

1.4.3 Contrast (Minimum) [Level AA]

Issue Amber <h2> [rgb(189,116,0)], does not meet contrast minimum against white [rgb(255, 255, 255)] or gray [rgb(245,244,242)] background.

URL Impact: https://www.strathcona.ca/
Fix The colour contrast is good for large text which is 14pt or 19px. Currently the font-size is set to 18px. Best fix is to increase font-size to 19px. Important that the font-size remains >= 19px at all resolutions.
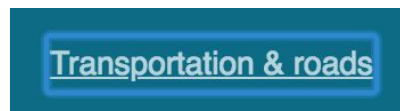

Issue The main menu sub items do meet contrast minimums.

URL Impact: Global: Everywhere the header appears

Fix The top level is fine, but darken the background of the links. You may also brighten the text, however, the third level background level will still fail with white text.

Issue The hover and focus state for the menu breadcrumbs do not meet contrast minimum.

URL Impact: https://www.strathcona.ca/transportation-roads/transportation/ and anywhere the breadcrumbs appear

Fix Leave the colour as white for the focus state. The default browser outline is fine for the focus state.

Issue The hover state for 'In this section' an 'i want to' menu items does not meet contrast minimum.

URL Impact: https://www.strathcona.ca/transportation-roads/transportation/, https://www.strathcona.ca/countyconnect/ and anywhere this type of widget appears.

Fix Leave the colour as white for the hover state and add the underline instead.

Issue The previous and next slide buttons can fail contrast on white backgrounds.

URL Impact:

https://www.strathcona.ca/recreation-events/recreation-centres/strathcona-wilderness-centre

Fix Leave the colour as white but outline the arrow with black.

1.4.4 Resize text [Level AA]

No issues found for this success criteria

1.4.5 Images of Text [Level AA]

No issues found for this success criteria

Principle 2 – Operable

2.1 Keyboard Accessible

2.1.1 Keyboard [Level A]

Issue   The search field is not keyboard accessible.

Search 🔍

URL Impact: Global: Every page

Fix   The search is a <span> and needs to be an <a> or a <button>. This will allow the Search link to show up in the list of links and receive focus. Make sure it has a focus state. Make sure it has an aria-label to describe how the link works.

Issue   The main menu is not keyboard accessible.

Menu ≡

URL Impact: Global: Everywhere the menu appears

Fix   The menu item is somehow being suppressed by the DOM. Give it an id and a tabindex to force focus. Add aria-expanded attribute and set that attribute depending on the status of the menu. Once the menu icon has focus the next tab should open the menu and select the first menu item. Tabbing past the end of the menu should close the menu once the focus reaches the first element in the content.

Issue   The menu item drop down icons are not keyboard accessible.

URL Impact: Global: Everywhere the menu appears

Fix The close menu button and the '+' and '-' are <span> elements and are therefore left out of the link summary. They should be made <button> or <a> and employ the aria-expanded attribute to indicate their purpose and expanded state. A second option is to add role="button" to the span, but care must be taken to ensure proper interaction with the keyboard. The spans cannot be a child of the link that redirects the user to a new page. They must be a sibling. Make sure they also have a focus state - the default browser focus is acceptable.

Issue The 'in this section' and 'i want to' dropdowns are not keyboard accessible.

URL Impact: https://www.strathcona.ca/agriculture-environment/wildlife/, https://www.strathcona.ca/countyconnect/ and anywhere this style of widget appears.

Fix The 'In this section' dropdown link is a <div> element and is therefore left out of the link summary. It should be made a <button> or <a>. Another option is to add role="button" to the <div>. Maintain the aria-expanded functionality. Make sure they also have a focus state - the default browser focus is acceptable.

Issue Frequently Asked Question dropdowns do not reflect state change.

1. **What if I don't want to sign up for Strathcona County Alerts?** 🔗 —

URL Impact:
https://www.strathcona.ca/transportation-roads/winter-roads/parking-bans-during
-snow-removal/ and anywhere this style dropdown link occurs.
Fix   Add the aria-expanded declaration to the link icon and change the
value of this attribute to match the state of the hidden / revealed content.

Issue   The show more results button is not keyboard accessible.

Show more results

URL Impact: https://www.strathcona.ca/search/?ss360Query=wilderness.
Fix   This is not recognized as a button. Give it a role="button" and make sure
that it has an aria-label to state what you are showing more of. For example "Show
more results for wilderness documents".

Issue   The sorting links on the careers page are not keyboard accessible.

Job Title ⇕   Position ⇕ Closing Date ▲   Status ⇕   Job ID ⇕

URL Impact:
https://www.strathcona.ca/council-county/careers/career-opportunities/.
Fix   These are not recognized as links. Give them a role="button" and make
sure that they have aria-labels to state what you are showing more of. For example
"Sort results by Status ascending".

2.1.2 No Keyboard Trap [Level A]

Issue   Keyboard gets trapped in external tool.
URL Impact: https://www.strathcona.ca/countyconnect/service/track-my-request/.
Fix   Although we aren't supporting 3rd party tools, there has to be some way
of getting out of this iframe. Currently once the tab enters the Power BI tool the user
is trapped. Provide a skip block right before the iframe to bypass it.

2.2 Enough Time

2.2.1 Timing Adjustable [Level A]

No issues found for this success criteria

2.2.2 Pause, Stop, Hide [Level A]

No issues found for this success criteria

2.3 Seizures

2.3.1 Three Flashes or Below Threshold [Level A]

No issues found for this success criteria

2.4 Navigable

2.4.1 Bypass Blocks [Level A]

Issue   There are no bypass blocks in the header.

URL Impact: Global: page.

Fix   Generally we recommend as a minimum skip to content, skip to navigation, and skip to footer. These links should be offscreen and have a tabindex="0" and only move into view when they receive tab focus, and move back out of view when they lose focus. They should be the first elements in the body. The target of the links refer to the id of an visible element that can receive tab focus, preferably a link or header.

2.4.2 Page Titled [Level A]

No issues found for this success criteria

2.4.3 Focus Order [Level A]

Issue   The "Check this first" section is not first in the DOM and therefore its priority is lost on the visually impaired.

✓ **Check this first:**

The allowable number of animals under the Animal Control Bylaw

URL Impact:

https://www.strathcona.ca/countyconnect/service/animal-over-limit-permit/

Fix   Move this section to be the first element in the content.

2.4.4 Link Purpose (In Context) [Level A]

Some automated tools identify non-distinguishable links found on https://www.strathcona.ca/ for Departments and County Connect but these are false positives.

Issue   There are 2 'Strathcona Wilderness Centre' links that have the same link text but different href attributes.
URL Impact: https://www.strathcona.ca/recreation-events/tourism/
Fix   Upon closer inspection, these links lead to the same destination. Match the hrefs for these links.

Issue   There are 3 'Festivals and Events' links that have the same link text but different href attributes.
URL Impact: https://www.strathcona.ca/recreation-events/tourism/
Fix   1 of these links leads to https://www.strathcona.ca/recreation-events/, 2 of them lead to https://www.strathcona.ca/recreation-events/festivals-and-events/. Change the text of the first link or add an aria-label to further distinguish it from the other 2.

Issue   There are 2 'Recreation program' links that have the same link text but different href attributes.
URL Impact:
https://www.strathcona.ca/countyconnect/service/animal-over-limit-permit/,
https://www.strathcona.ca/countyconnect/service/track-my-request/,
https://www.strathcona.ca/countyconnect/service/traffic-sign-issue/
Fix   1 of these links leads to https://www.strathcona.ca/countyconnect/service/recreation-programs/, 1 of them leads to https://www.strathcona.ca/recreation-events/activities/recreation-programs/. Change the text of the first link or add an aria-label to further distinguish it from the other one.

Issue   There are 2 'public engagement' links that have the same link text but different href attributes.

URL Impact:
https://www.strathcona.ca/community-families/well-being-and-mental-health/cannabis-strategy/.

Fix   1 of these links leads to https://www.strathcona.ca/council-county/public-engagement/, the other leads to https://www.alberta.ca/cannabis-what-we-heard.aspx. Change the text of the second link to something that more closely matches the destination.

Issue   There are 4 'Land Use Bylaw' links that have the same link text but different href attributes.

URL Impact:
https://www.strathcona.ca/community-families/well-being-and-mental-health/cannabis-strategy/.

Fix   2 of these links lead to https://www.strathcona.ca/departments/planning-development-services/zoning-and-planning-documents/land-use-bylaw/, the other 2 lead to https://www.strathcona.ca/council-county/bylaws-and-policies/land-use-bylaw/ but they both end up at https://www.strathcona.ca/council-county/bylaws-and-policies/land-use-bylaw/. Change the href of the first 2 links to https://www.strathcona.ca/council-county/bylaws-and-policies/land-use-bylaw/.

Issue   There are 3 'News Room' links that have the same link text but different href attributes.

URL Impact: https://www.strathcona.ca/search/?ss360Query=wilderness

Fix   These 3 links lead to different pages. Change the text of the links to further distinguish the links from one another.

Issue   There is a 'County Connect' link with an href of https://www.strathcona.ca/apps/service-request-tracking/.

URL Impact:
https://www.strathcona.ca/council-county/administration/county-service-contacts/.
Fix This href does not seem to match the link text. There are 3 other County Connect links on the page that have the same target. Change the link text in this case to better describe the destination.

Issue The newsletter 'sign up today' link is ambiguous.
URL Impact: https://www.strathcona.ca/search/?ss360Query=wilderness
Fix Add an aria label that indicates what you are signing up for. Try "sign up for our newsletter today".

Issue The social link titles are ambiguous.

f 🐦 📷 ▶ in

URL Impact: Global: everywhere the footer social icons appear.
Fix Change the title to aria-label and make them more descriptive. Instead of "Twitter", use "Follow us on Twitter".

Issue The links to download / view pdfs are ambiguous and may not indicate that the target is a pdf.

1:

are classified as Priority 3 under the 📕 Winter Maintenance Policy (30.7 KB) and are cleared when the snow accumulation reaches

2:

- 📕 View a complete list of collector roads (29.8 KB)

.

URL Impact:
https://www.strathcona.ca/transportation-roads/winter-roads/parking-bans-during-snow-removal,
https://www.strathcona.ca/council-county/boards-and-committees/list-boards-and-committees/community-living-advisory-committee/ and anywhere links to pdfs are used.

Fix   This is inconsistent. In the first example you need to add "View" to the link text and add 'pdf' after the size, whereas the second link only needs to include 'pdf' after the size.

Issue   The links to event maps do not sufficiently describe their purpose. Due to the elipsys, the screen reader is cut off at that point.

Community Centre, Counc...

URL Impact:
https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix   Add an aria-label to the link that says "view map to Community Centre, Council" for example. Do not truncate the words in the aria-label. This will have to be tested once employed to make sure there is no duplication from the screen readers.

Issue   The signup button does not indicate what you are signing up for.

Sign Up

URL Impact:
https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix   Add an aria-label to the link that says "sign up for [name of event].

Issue   The select all and select none links do not describe their purpose.

Select: All, None

URL Impact:
https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix   Add an aria-label to the links that better describe their purpose:
- "select all categories"
- "Select no categories".
- "Select all types of events"
- "Select no types of events"

Issue   The print and subscribe button do not describe their purpose.

URL Impact:

https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix Add a more specific aria-label:

- Print july calendar
- Subscribe to calendar

Issue Calendar search results panel links do not describe their purpose

URL Impact:

https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix The help link needs aria-label "Help for events search". The clear link needs to provide information on what is being cleared: "Clear Audience search parameters"

Issue The share links need to better describe their purpose.

URL Impact:

https://www.strathcona.ca/council-county/careers/careers/108-2018-ext-pds

 (career details page)

Fix Add an aria-label to better indicate the link's purpose. For example "Tweet this career posting"

2.4.5 Multiple Ways [Level AA]

No issues found for this success criteria

2.4.6 Headings and Labels [Level AA]

No issues found for this success criteria

2.4.7 Focus Visible [Level AA]

Issue   The Strathcona county link, AQHI link, and Weather Network link in the header do not have a focus state.

URL Impact: Global: Everywhere the header appears
Fix   Add a focus state - a simple outline of the medium blue will do, or do not suppress the default browser focus state.

Issue   The main menu items do not have a focus state.

URL Impact: Global: Everywhere the menu appears
Fix   Add a focus state - a good choice is the underline used for the hover state.

Issue   The social icons in the footer do not have a focus state.

URL Impact: Global: Everywhere the social icons appear in the footer
Fix   Add a focus state - a good choice is the default browser state.

Issue   The 'In this section' an 'i want to' links panels do not have a focus state.

URL Impact: https://www.strathcona.ca/transportation-roads/transportation/, https://www.strathcona.ca/countyconnect/ and anywhere this type of widget appears.

Fix   Show a change of state when these links have focus and on hover.

Principle 3 – Understandable

3.1 Readable

3.1.1 Language of Page [Level A]

No issues found for this success criteria

3.1.2 Language of Parts [Level AA]

No issues found for this success criteria

3.2 Predictable

3.2.1 On Focus [Level A]

No issues found for this success criteria

3.2.2 On Input [Level A]

Issue   The search form does not contain a button.
URL Impact: Global: Every page
Fix   If the element that submits the search is not a button, add role="button" to the element.

Issue   Calendar controls do not describe what is about to happen. The page content changes when a user clicks on these elements, but no feedback is given once the new content loads.

URL Impact:
https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/
Fix   Add aria-labels to all calendar control links that will indicate the action. For example:

- Month links should have aria-label: View July events

- Next and previous buttons should have aria-label "next/previous page of may events"

When new content loads, set focus to the beginning of the new content for example the title of the event details.

Issue   Calendar search results panel may be missed. When search parameters are chosen, a yellow panel describes the new search. This panel should be read by the screen reader whenever it changes

> The displayed events match the search criteria listed below. Help
> Audience: Children   Clear

URL Impact:
https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix   Add aria-live="polite" or aria-live="assertive" and role="alert" to the yellow panel. Experimentation might be needed to achieve the desired results.

Issue   Event details load but are missed.

URL Impact:
https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix   When the details for an event are loaded, set the focus to the heading of the event. You made need to set tabindex="0" to set the focus.

Issue   Switch focus after search parameters are entered or next page / previous page is are clicked.

URL Impact:
https://www.strathcona.ca/council-county/administration/county-service-contacts/

Fix   Once the search results are returned, set the focus to the search results text: For example "1 - 10 of 13 results for Alberta Environment".

Issue   Checkbox action is not communicated to user.

☑ I agree to provide my contact information for notifications associated with this service request

URL Impact:
https://www.strathcona.ca/countyconnect/service/animal-over-limit-permit/

Fix   When this checkbox is clicked, it reveals a form. Set the focus to the first field in the form after showing it.

Issue   Clicking on in-page links does not provide non-visual feedback of the action.

URL Impact:
https://www.strathcona.ca/community-families/well-being-and-mental-health/cannabis-strategy/#whatiscannabis

Fix   When you have links that direct the user to a different part of the same page, the target of that link must be a focusable element. Avoid the use of:

        `<p><a name="whatiscannabis"></a></p>`
        `<h3>What is cannabis?</h3>`

And instead use:

        `<h3 id="whatiscannabis" tabindex="0">What is cannabis?</h3>`

It's important to note that anywhere an empty link is used as a bookmark will fail accessibility.

3.2.3 Consistent Navigation [Level AA]

No issues found for this success criteria.

3.2.4 Consistent Identification [Level AA]

No issues found for this success criteria.

3.3 Input Assistance

3.3.1 Error Identification [Level A]

Issue   Errors on form entry are not accessible.
You must provide contact information for this case
URL Impact:
https://www.strathcona.ca/countyconnect/service/animal-over-limit-permit/,
https://www.strathcona.ca/countyconnect/service/traffic-sign-issue/,
Fix   Set the role attribute="alert" and set the aria-live = "aggressive".

3.3.2 Labels or Instructions [Level A]

Issue   Select box has no description

Show only positions that are: [All]

[-select county department-]

results per page: [10]

URL Impact:
https://www.strathcona.ca/council-county/careers/career-opportunities/,
https://www.strathcona.ca/council-county/administration/county-service-contacts/

Fix   Provide a label element and link it to the select box using the 'for' attribute.

Issue   Missing label for search field.

[   ] [search]

URL Impact:
https://www.strathcona.ca/council-county/administration/county-service-contacts/

Fix   add a label for the input field to describe its purpose and link it to the input via the "for' attribute.

Issue   The links on the labels for the calendar search parameter checkboxes are redundant. Having two links that do the same thing side by side is confusing to the user.

☑ Community event

URL Impact:
https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix   Remove the link around the label. It still works.

Issue   Events table needs more labelling.

May 4 7 p.m.   Star Wars Trivia Night   Strathcona County Library
                                                        401 Festival Lane
                                                        Sherwood Park

URL Impact:

https://www.strathcona.ca/recreation-events/festivals-and-events/event-calendar/

Fix　　　　The event link should be labelled by the date, time, and location: "View details for the Star Wars Trivia Night on May 4 at 7 pm at the Strathcona County Library".

　　　　　　The location link should have aria-label: "View map for Strathcona County Library".

Issue　　　　Search options need better labelling.

Enter a subject you want to contact us about in the search box and hit *enter*.

| permits | | search |

Pick a department from the list below for a specific department:

| Alberta Environment ◇ |

results per page: | 10 ◇ |

URL Impact:

https://www.strathcona.ca/council-county/administration/county-service-contacts/

Fix　　　　Link the instruction with the appropriate field by making the instruction a label and linking it to the field with the "for" attribute.

Issue　　　　Checkbox does not have an associated label.

☑　　I agree to provide my contact information for notifications associated with this service request

URL Impact:

https://www.strathcona.ca/countyconnect/service/animal-over-limit-permit/

Fix　　　　Make the instruction a label and link the instruction with the checkbox using the for attribute.

3.3.3 Error Suggestion [Level AA]

No issues found for this success criteria

3.3.4 Error Prevention (Legal, Financial, Data) [Level AA]

No issues found for this success criteria

Principle 4 – Robust

4.1 Compatible

4.1.1 Parsing [Level A]

No issues found for this success criteria

4.1.2 Name, Role, Value [Level A]

Issue   The iframe is missing the title attribute:

```
<iframe
src="https://countyconnect.strathcona.ca/Ef3external/TAS_WSS_Permits.
xml?txtEventCode=4001048" height="500px" width="100%"
allowfullscreen="" frameborder="0" class="frame" style="z-index:
2147483646; position: relative;">
```

and

```
<iframe
src="https://app.powerbi.com/view?r=eyJrIjoiNzIxOThlY2UtMjAyMi00YzdmL
WEzNTItZDdiNGY5YjU4MTQ0IiwidCI6ImU5MjM2MWRhLTgwZjUtNDY3Ny04OTE1LWNhOD
BmNDMzZmYxYyJ9" height="2560px" width="100%" allowfullscreen=""
frameborder="0" class="frame" style="z-index: 2147483646; position:
relative;">
```

and

```
<iframe
src="https://countyconnect.strathcona.ca/Ef3external/TAS_WSS.xml?txtE
ventCode=4001107" height="500px" width="100%" allowfullscreen=""
frameborder="0" class="frame" style="z-index: 2147483646; position:
relative;">
```
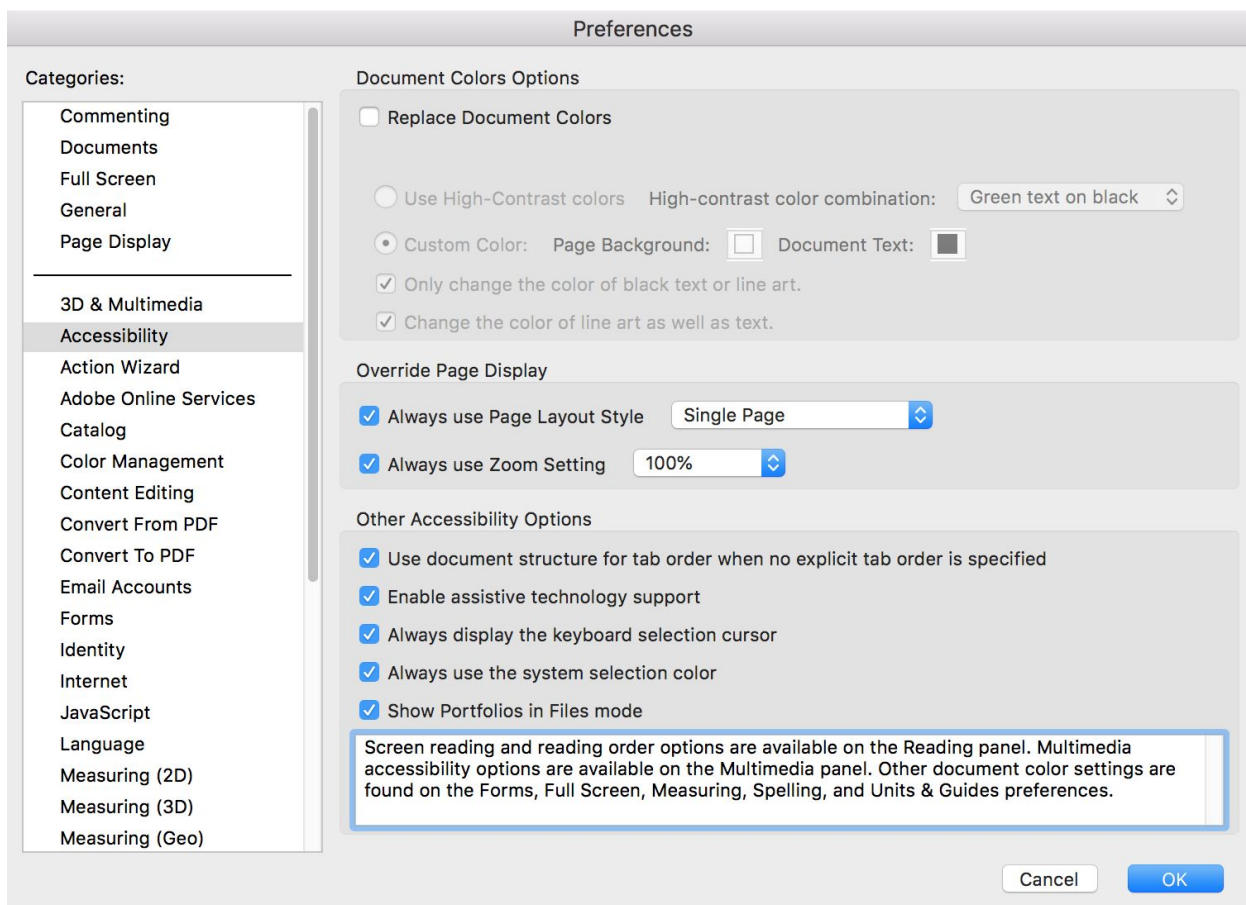
URL Impact:
https://www.strathcona.ca/countyconnect/service/animal-over-limit-permit/,
https://www.strathcona.ca/countyconnect/service/track-my-request/,
https://www.strathcona.ca/countyconnect/service/traffic-sign-issue/

Fix   Add a descriptive title attribute to the iframe element.

PDF Recommendations

There is heavy use of PDFs on the Strathcona site. These are a combination of files produced by Strathcona usually converted word documents and files contributed by outside sources. Strathcona uses Adobe Acrobat to create their PDFs and this is the recommended tool. Adobe has invested a lot of time and effort incorporating accessibility into their documents. As evidenced by the graphic below, there is a lot of customization that can be employed to aid in the creation of accessible PDFs. We recommend the following settings:

Adobe Acrobat provides a lot of tools to ensure your pdfs are accessible. These include:
- Creation of tagged PDFs from authoring applications
- Conversion of untagged PDFs to tagged PDFs from within Acrobat
- Security settings that allow screen readers to access text while preventing users from copying, printing, editing and extracting text

- Ability to add text to scanned pages to improve accessibility
- Tools for editing reading order and document structure
- Tools for creating accessible PDF forms
- Ability to set document properties including title and expose them through the title bar of the application

It is recommended that outside contributors be encouraged if not required to use Adobe Acrobat when creating PDFs.

For best results, each PDF that is created in house and or received should be reviewed by a screen reader to ensure the documents read logically and as intended.

We advise that you make clear on your accessibility declaration page that Adobe was used to create the documents and therefore Adobe Acrobat Reader accessibility features can be used to consume the content. These features include:
- Preferences and commands to optimize output for assistive technology software and devices, such as saving as accessible text for a Braille printer
- Preferences and commands to make navigation of PDFs more accessible, such as automatic scrolling and opening PDFs to the last page read
- An Accessibility Setup Assistant Wizard for easy setting of most preferences related to accessibility
- Keyboard alternatives to mouse actions
- Reflow capability to temporarily present the text of a PDF in a single, easy-to-read column
- Read Out Loud text-to-speech conversion
- Support for screen readers and screen magnifiers
- Support for high contrast and alternative foreground and background colors