# NFRMPO Accessibility Conformance Report

# WCAG Edition

**(Based on VPAT® Version 2.4)**

## Name of Product:

NFRMPO (<https://nfrmpo.org/>)

## Report Date:

May 11th, 2023

## Product Description:

It is a website for the North Front Range Metropolitan Organization, the regional transportation and air quality planning agency for portions of Larimer and Weld counties.

## Contact information:

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## Evaluation Methods Used:

Accessibility testing as per WCAG 2.1 AA guidelines.

The evaluation was performed using below tools/ tests:

* Screen readers:
  + NVDA on Win10/ Chrome
  + VoiceOver on iPhone/ Safari
* WAVE automated tool
* Color contrast testing using Color Contrast Analyzer
* Browser zoom
* Keyboard-only
* Text-spacing testing using bookmarklets

## Notes:

The VPAT has been prepared based on the accessibility evaluation of the following pages/ flows:

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| --- |
| <https://nfrmpo.org/> |
| <http://nfrmpo.org/air-quality/> |
| <http://nfrmpo.org/library/> |
| <http://nfrmpo.org/maps/> |
| <https://nfrmpo.org/2050-rtp/> |
| <https://nfrmpo.org/air-quality/ghg-rulemaking/> |
| <https://nfrmpo.org/air-quality/what-is-ozone/> |
| <https://nfrmpo.org/bike-ped/> |
| <https://nfrmpo.org/bike-ped/audits/> |
| <https://nfrmpo.org/bike-ped/conference/> |
| <https://nfrmpo.org/calendar/> |
| <https://nfrmpo.org/calendar/locations/> |
| <https://nfrmpo.org/calendar/locations/419-canyon-ave-fort-collins/> |
| <https://nfrmpo.org/calendar/noco-bike-ped-collaborative-2022-12-14/> |
| <https://nfrmpo.org/mobility/c-plan/> |
| <https://nfrmpo.org/overview/> |
| <https://nfrmpo.org/performance-measures/tam/> |
| <https://nfrmpo.org/public-involvement/contact-us/> |
| <https://nfrmpo.org/safety/bike-and-ped-safety-reporter/> |
| <https://nfrmpo.org/search_gcse/> |
| <https://nfrmpo.org/tip/call-for-projects/> |
| <https://nfrmpo.org/tip/project-map/> |
| <https://nfrmpo.org/acronyms/> |
| <https://nfrmpo.org/transit/linknoco/> |

## Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standards/guidelines:

|  |  |
| --- | --- |
| Standard/Guideline | Included in Report |
| Web Content Accessibility Guidelines 2.1 at *https://www.w3.org/TR/WCAG21/* | Level A (Yes)  Level AA (Yes)  Level AAA (No) |

## Terms

The terms used in the Conformance Level information are defined as follows:

* **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
* **Partially Supports**: Some functionality of the product does not meet the criterion.
* **Does Not Support**: The majority of product functionality does not meet the criterion.
* **Not Applicable**: The criterion is not relevant to the product.
* **Not Evaluated**: The product has not been evaluated against the criterion.

## WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](https://www.w3.org/TR/WCAG21/).

### **Table 1: Success Criteria, Level A**

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| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| [**1.1.1 Non-text Content**](http://www.w3.org/TR/WCAG20/#text-equiv-all) (Level A) | Partially Supports | Images on the website contain  relevant alternative text.  **Exceptions include:**   * An incorrect alternative text is announced for the Twitter post images on the Home page *[This is specific to the third-party plugin Twitter]* * Alternative text is not provided to the 'Date' and 'Time' icons on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * A long description is not provided for the map images on the Air Quality page * The ‘Google Calendar’ link has an incorrect alternative text on the Noco Bike-Ped Collaborate page *[This is specific to the third-party plugin ArcGIS].* |
| [**1.2.1 Audio-only and Video-only (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) (Level A) | Supports | An alternative is provided to audio-only or video-only content present on the website. |
| [**1.2.2 Captions (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-captions) (Level A) | Supports | Captions are provided for multimedia content present on the website. |
| [**1.2.3 Audio Description or Media Alternative (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) (Level A) | Supports | Alternatives are provided for multimedia content present on the website. |
| [**1.3.1 Info and Relationships**](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) (Level A) | Partially Supports | The website has consistent headers and global table structures to establish clear information and relationships within the website. Screen readers properly identify most of the information available on the website. Visually impaired users are easily able to perceive the relationships between a particular element and its role.  **Exceptions include:**   * The graph values are incorrectly announced as ‘graphic’ on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The filter modal is not read by the screen reader on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS]* * The list not announced by the screen reader for the 'Search Suggestions' on the Home page *[This is specific to the third-party plugin Google Search]* * Unnecessarily a table is introduced by the screen reader for the non-tabular content 'Legend submenu items' on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS]* * The visual headings are not announced as heading on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The status bar is skipped by the VoiceOver screen reader on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS].* |
| [**1.3.2 Meaningful Sequence**](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) (Level A) | Partially Supports | The sequence of the content present on the website is meaningful and appropriate and does not affect the meaning of the provided content.  **Exceptions include:**   * The screen reader announces the date picker content in one go when the user selects the 'Previous year/ Next year' and 'Previous month' and Next month' buttons on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The screen reader reads the content under the heading 'Transportation Mode' in parts like 'Walking', '66%' on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The VoiceOver screen reader doesn't announce the state 'Expanded/Collapsed' for the 'Hamburger' menu on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS].* |
| [**1.3.3 Sensory Characteristics**](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding) (Level A) | Partially Supports | No information is present on the website which is based on sensory characteristics such as shape, size, location, sound, etc.  **Exceptions include:**   * There is no textual information available to identify the error on the Tip Project Map page *[This is specific to the third-party plugin ArcGIS].* |
| [**1.4.1 Use of Color**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) (Level A) | Partially Supports | Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.  **Exceptions include:**   * Only color is used to identify the links on Bike and Ped Safety Reporter, and Bike and Ped Safety Reporter Dashboard pages *[This is specific to the third-party plugin ArcGIS]* * Multiple 'Transportation Hazards Issue' buttons have the same information by only use of the design on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * Only color is used to identify links on the Home page *[This is specific to the third-party plugin Twitter].* |
| [**1.4.2 Audio Control**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) (Level A) | Not Applicable | No audio content is present on the website that plays automatically for more than 3 seconds. |
| [**2.1.1 Keyboard**](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) (Level A) | Partially Supports | The website supports standard keyboard navigation and input functions (including swiping to move between input fields and pressing [Double tap] to make selections).  **Exceptions include:**   * The elements under the 'Bike & Ped Safety Reporter' Dashboard are missing keyboard focus on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The 'Next' and 'Previous' buttons are not focusable on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The ‘X (Clear)' button is not focusable on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * No mechanism is available to view the Map in a small view on the Bike & Walk Audits page *[This is specific to the third-party plugin ArcGIS]* * The sort-by is not focusable by the keyboard for the Search Results *[This is specific to the third-party plugin Google Search]* * The controls are not focusable inside the 'Search result' popup on the Tip Project Map page *[This is specific to the third-party plugin ArcGIS].* |
| [**2.1.2 No Keyboard Trap**](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) (Level A) | Partially Supports | Keyboard focus is moving sequentially throughout the website without the focus getting trapped in any section and it is convenient to access the functionality.  **Exceptions include:**   * The focus gets trapped inside the 'Map' section in backward navigation on the Tip Project Map page *[This is specific to the third-party plugin ArcGIS].* |
| [**2.1.4 Character Key Shortcuts**](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (Level A 2.1 only) | Supports | The functionalities dependent on or controlled by character key shortcuts can be remapped, turned off, or are only active upon focus. |
| [**2.2.1 Timing Adjustable**](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) (Level A) | Not Applicable | There is no such activity present on the website where time needs to be adjusted or extended. |
| [**2.2.2 Pause, Stop, Hide**](http://www.w3.org/TR/WCAG20/#time-limits-pause) (Level A) | Not Applicable | There is no such content present on the website that needs to be stopped, paused, or hidden. |
| [**2.3.1 Three Flashes or Below Threshold**](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) (Level A) | Not Applicable | There is no flashing content present on the website. |
| [**2.4.1 Bypass Blocks**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) (Level A) | Supports | A bypass mechanism for skipping to the main content is implemented. |
| [**2.4.2 Page Titled**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) (Level A) | Supports | Descriptive and correct page titles are present for pages throughout the website. |
| [**2.4.3 Focus Order**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) (Level A) | Partially Supports | The focus moves in a correct sequence order on the website from left to right and top to bottom.  **Exceptions include:**   * The focus is moving multiple times to the hidden elements on the Bike-Ped Conference page *[This is specific to the third-party plugin YouTube]* * The focus is moving incorrectly after the 'Audit materials and results' link on the Bike & Walk Audits page *[This is specific to the third-party plugin ArcGIS].* |
| [**2.4.4 Link Purpose (In Context)**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) (Level A) | Partially Supports | All links are provided with appropriate link text and the user would be able to understand the purpose of the link from its link text.  **Exceptions include:**   * Insufficient link text announced for the links like 'Comment' for the Twitter post *[This is specific to the third-party plugin Twitter].* |
| [**2.5.1 Pointer Gestures**](https://www.w3.org/TR/WCAG21/#pointer-gestures) (Level A 2.1 only) | Supports | All functionalities present in the website can be operated with a [single pointer](https://www.w3.org/TR/WCAG21/#dfn-single-pointer) without a path-based gesture unless a multipoint or path-based gesture is [essential](https://www.w3.org/TR/WCAG21/#dfn-essential). |
| [**2.5.2 Pointer Cancellation**](https://www.w3.org/TR/WCAG21/#pointer-cancellation) (Level A 2.1 only) | Supports | No down-event of the pointer is used in the website to execute any part of the action. |
| [**2.5.3 Label in Name**](https://www.w3.org/TR/WCAG21/#label-in-name) (Level A 2.1 only) | Partially Supports | All labels on the website include text and the same text is defined in the code as well to assist speech recognition technologies.  **Exceptions include:**   * The visual label 'Report it' does not match the accessible label on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS].* |
| [**2.5.4 Motion Actuation**](https://www.w3.org/TR/WCAG21/#motion-actuation) (Level A 2.1 only) | Not Applicable | No functionality is present on the website that is operable only by device motion. |
| [**3.1.1 Language of Page**](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) (Level A) | Supports | The product inherits the language settings configured through the operating system. |
| [**3.2.1 On Focus**](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) (Level A) | Partially Supports | No interactive element is triggered automatically on receiving the focus.  **Exceptions include:**   * The search suggestion item is getting submitted when the 'Search' field loses focus on the Home page *[This is specific to the third-party plugin Google Search]* * The 'Open Attribute Table' overlay appears on receiving focus on the Tip Project Map page *[This is specific to the third-party plugin ArcGIS].* |
| [**3.2.2 On Input**](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) (Level A) | Supports | Change of context does not happen when the user changes the setting of any input controls. |
| [**3.3.1 Error Identification**](http://www.w3.org/TR/WCAG20/#minimize-error-identified) (Level A) | Supports | Errors present on the website are notified to the screen reader user automatically. |
| [**3.3.2 Labels or Instructions**](http://www.w3.org/TR/WCAG20/#minimize-error-cues) (Level A) | Partially Supports | The website provides support for motor-impaired and cognitive users as the labels and instructions are provided for the form fields, which are clearly visible and readable to such users.  **Exceptions include:**   * The search text field is missing a visual label on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS]* * The label for desired outcomes of LINKNoCo graphic doesn't adequately explain what the graphic shows on the LINKNoCo page *[This is specific to the third-party plugin ArcGIS].* |
| [**4.1.1 Parsing**](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) (Level A) | Partially Supports | The markup of the website has complete start and end tags, attributes, and unique IDs.  **Exceptions include:**   * The document has multiple elements referenced with ARIA with the same id attribute on the Home page *[This is specific to the third-party plugin Twitter].* |
| [**4.1.2 Name, Role, Value**](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) (Level A) | Partially Supports | All the website elements have a proper label associated with their role and the screen reader is recognizing them correctly with updated values as well.  **Exceptions include:**   * A label is not provided for the edit fields and buttons on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The ‘filter expression value equals to' text field is missing an accessible name on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS]* * The expression value button is missing an accessible name on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS]* * The search text field is missing an accessible name on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS].* |

### **Table 2: Success Criteria, Level AA**

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| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| [**1.2.4 Captions (Live)**](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions)  (Level AA) | Not Applicable | No live multimedia content is present on the website. |
| [**1.2.5 Audio Description (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) (Level AA) | Supports | Audio description is provided for multimedia content present on the website. |
| [**1.3.4 Orientation**](https://www.w3.org/TR/WCAG21/#orientation)  (Level AA 2.1 only) | Supports | The website does not restrict its view and operation to a single display orientation. |
| [**1.3.5 Identify Input Purpose**](https://www.w3.org/TR/WCAG21/#identify-input-purpose) (Level AA 2.1 only) | Partially Supports | Interactive fields on the website are clearly labeled to direct the user to enter the data expected in the fields.  **Exceptions include:**   * The autocomplete attribute is not provided for some fields in the forms on the website *[This is specific to the third-party plugin ArcGIS].* |
| [**1.4.3 Contrast (Minimum)**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) (Level AA) | Partially Supports | The website adheres to minimum contrast standards.  **Exceptions include:**   * The border outline on the form fields fails the color contrast ratio on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The text 'Browse' and 'Bike and Ped Safety Reporter Dashboard' fail color contrast ratio on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The carousel text such as 'The NFRMPO is the transportation and air quality...' fails the color contrast ratio due to the irregular background on the Home page. |
| [**1.4.4 Resize text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) (Level AA) | Supports | The website is fully responsive. At a zoom of 200%, the site responds to that resolution by adjusting the UI as it would if the user were on a smartphone. |
| [**1.4.5 Images of Text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation)  (Level AA) | Partially Supports | No information is conveyed to the user via an image of the text.  **Exceptions include:**   * An image of text is used to convey the information on the Home and What is Ozone? pages. |
| [**1.4.10 Reflow**](https://www.w3.org/TR/WCAG21/#reflow)  (Level AA 2.1 only) | Partially Supports | The website does not require scrolling in two dimensions to present content without loss of information in 400% zoom.  **Exceptions include:**   * The Map chevron icon disappears at the viewport of 320px X 256px on the Bike-Ped page *[This is specific to the third-party plugin ArcGIS]* * The content of the 'Bike & Ped Safety Reporter' gets truncated at the viewport 320px X 256px on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS].* |
| [**1.4.11 Non-text Contrast**](https://www.w3.org/TR/WCAG21/#non-text-contrast) (Level AA 2.1 only) | Partially Supports | The website user interface components have a contrast ratio of at least 3:1 against adjacent color(s).  **Exceptions include:**   * The chevron icon fails the color contrast ratio on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS]* * The 'Zoom in' and 'Zoom out' icons fail the color contrast ratio on the Bike & Walk Audit page *[This is specific to the third-party plugin ESRI Maps]* * The 'X (Clear)' icon fails the color contrast ratio on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The border outline on the form fields fails the color contrast ratio on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS].* |
| [**1.4.12 Text Spacing**](https://www.w3.org/TR/WCAG21/#text-spacing)  (Level AA 2.1 only) | Partially Supports | The website is compliant with WCAG text spacing requirements.  **Exceptions include:**   * The date picker section gets misaligned on applying text spacing properties on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS].* |
| [**1.4.13 Content on Hover or Focus**](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (Level AA 2.1 only) | Partially Supports | The content that is triggered by hover or focus is dismissible, hoverable, and persistent  **Exceptions include:**   * The tooltip is not dismissable using the 'Esc' key on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The 'Press Tab to continue and move...' tooltip is not dismissable using the 'Esc' key on the Tip Project Map page *[This is specific to the third-party plugin ArcGIS].* |
| [**2.4.5 Multiple Ways**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc)  (Level AA) | Supports | A proper navigation header is provided to access the different types of website pages. |
| [**2.4.6 Headings and Labels**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) (Level AA) | Partially Supports | Headings and Labels on the website provide sufficient detail of the content they are describing.  **Exceptions include:**   * The label is not announced for the buttons on the Bike Ped page *[This is specific to the third-party plugin ArcGIS]* * An insufficient label is announced for the buttons like 'Edit' on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS]* * The screen reader announces an insufficient label for the 'delete attachment' button on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS].* |
| [**2.4.7 Focus Visible**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) (Level AA) | Partially Supports | All the elements present in the website have focus visibility.  **Exceptions include:**   * The focus indicator is not available on the 'Info' link on the Home page *[This is specific to the third-party plugin Twitter]* * The focus indicator is not visible on multiple elements on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The focus indicator is not visible on the 'X(Close)', 'Search' and 'Find my location' buttons on the Bike and Ped Safety Reporter page *[This is specific to the third-party plugin ArcGIS].* |
| [**3.1.2 Language of Parts**](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id)  (Level AA) | Supports | The language for phrases or sentences written in languages other than English has been defined separately. |
| [**3.2.3 Consistent Navigation**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) (Level AA) | Supports | Navigational mechanisms are repeated on the website and occur in the same relative order each time they are repeated. Hence, consistent navigation is provided to the user. |
| [**3.2.4 Consistent Identification**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) (Level AA) | Supports | Components that provide the same functionality throughout the website can be easily identified by the user. |
| [**3.3.3 Error Suggestion**](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions)  (Level AA) | Supports | The provided error messages are descriptive enough to understand the error and identify the location where they occur. |
| [**3.3.4 Error Prevention (Legal, Financial, Data)**](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) (Level AA) | Not Applicable | There are no critical forms available where error prevention is required. Error suggestions are enough to  fill out the form and correct the errors. |
| [**4.1.3 Status Messages**](https://www.w3.org/TR/WCAG21/#status-messages)(Level AA 2.1 only) | Partially Supports | The updated content automatically notifies the visually impaired users via a screen reader.  **Exceptions include:**   * The 'Search Suggestions' and ‘Search results’ notification is not announced by the screen reader on the Home page *[This is specific to the third-party plugin Google Search]* * 'Please enter a valid term' notification is not announced by the screen reader on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS]* * The 'Search Suggestions' notification is not announced by the screen reader on the TIP Project Map page *[This is specific to the third-party plugin ArcGIS]* * The search suggestions are not announced by the screen reader automatically on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS]* * The loading notification is not announced automatically on the Bike and Safety Reporter page *[This is specific to the third-party plugin ArcGIS].* |