# ProQuest Digital Sanborn Maps, 1867–1970: Accessibility Conformance Report VPAT® Version 2.4: February 2020

Name of Product/Version: ProQuest Digital Sanborn Maps, 1867—1970

**Product description:** Digital Sanborn Maps provides digital access to 660,000 large-scale maps of American towns and cities, searchable

by city and year. Sanborn Fire Insurance Maps are the most frequently consulted maps in public and academic libraries. Founded in 1867 by D. A. Sanborn, the Sanborn Map Company was the primary American publisher of fire

insurance maps for nearly 100 years. The maps were originally compiled to help insurers assess the value of

property, identify risk factors, and underwrite losses. These maps contain detailed data such as building outlines, size, use, construction details, and function of structures. They also give street names, street and sidewalk widths,

property boundaries, house and block numbers, and other features like pipelines, railroads, wells and dumps.

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**Contact information:** email.technicalsupport@proquest.com

**Evaluation methods used:** Methods and tools:

Deque aXe accessibility testing tool

WebAim's WAVE (Web Accessibility Evaluation tool)

Color Contrast Analyzer tool

NVDA (NonVisual Desktop Access) screen-reader utility

Keyboard-access manual testing and assessment

High Contrast Chrome extension

### **Applicable Standards/Guidelines**

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

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A: Yes Level AA: Yes Level AAA: No
Web Content Accessibility Guidelines 2.1	Level A: Yes Level AA: Yes Level AAA: No
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	Yes
EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V3.1.1 (2019-11)	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. This can be used only in WCAG 2.0 Level AAA.

#### WCAG 2.1 Report

Tables 1 and 2 also document conformance with:

- EN 301 549: Chapter 9 Web, Chapter 10 Non-Web documents, Section 11.2.1- Non-Web Software (excluding closed functionality), and Section 11.2.2 Non-Web Software (closed functionality).
- Revised Section 508: Chapter 5 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 602.3 Electronic Support Documentation.

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 <u>WCAG 2.0 Conformance Requirements</u>.

# Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: EN 301 549 Criteria	Supports	<ul> <li>Alt text provided for map thumbnails providing location (city/state) and sheet number within the current volume.</li> <li>Page titles on image-based map display contain location (city/state) date, and sheet number within the current volume.</li> <li>Conformance determined with keyboard, observation, and product use.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)  Also applies to: EN 301 549 Criteria  9.1.2.1 (Web)  10.1.2.1 (Non-web document)  11.1.2.1.1 (Open Functionality Software)  11.1.2.1.2.1 and 11.1.2.1.2.2 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508  501 (Web)(Software)  504.2 (Authoring Tool)  602.3 (Support Docs)	Not Applicable	Digital Sanborn Maps does not include any audio or video content.

Criteria	Conformance Level	Remarks and Explanations
1.2.2 Captions (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria  • 9.1.2.2 (Web)  • 10.1.2.2 (Non-web document)  • 11.1.2.2 (Open Functionality Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Not Applicable	Digital Sanborn Maps does not provide any audio or video content.

Criteria	Conformance Level	Remarks and Explanations
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 9.1.2.3 (Web) • 10.1.2.3 (Non-web document) • 11.1.2.3.1 (Open Functionality Software) • 11.8.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Digital Sanborn Maps does not include any audio or video content.

Criteria	Conformance Level	Remarks and Explanations
1.3.1 Info and Relationships (Level A) Also applies to: EN 301 549 Criteria  • 9.1.3.1 (Web)  • 10.1.3.1 (Non-web document)  • 11.1.3.1.1 (Open Functionality Software)  • 11.8.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	<ul> <li>Digital Sanborn Maps is coded using CSS to style HTML content.</li> <li>Styles including heading tags and ordered and unordered lists are used as appropriate to organize content.</li> <li>Pages have unique titles.</li> <li>Conformance determined with keyboard, aXe toolbar, looking at source code, and product use.</li> </ul>
1.3.2 Meaningful Sequence (Level A) Also applies to: EN 301 549 Criteria  • 9.1.3.2 (Web)  • 10.1.3.2 (Non-web document)  • 11.1.3.2.1 (Open Functionality Software)  • 11.8.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	NVDA reads Digital Sanborn Maps pages in a top-down, left-right sequence—reflective of the desired reading order.  Conformance determined with NVDA, keyboard, aXe toolbar, looking at source code, and product use.

Criteria	Conformance Level	Remarks and Explanations
1.3.3 Sensory Characteristics (Level A) Also applies to: EN 301 549 Criteria  9.1.3.3 (Web)  10.1.3.3 (Non-web document)  11.1.3.3 (Open Functionality Software)  11.1.3.3 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508  501 (Web)(Software)  504.2 (Authoring Tool)	Supports	Digital Sanborn Maps pages contain virtually no on-page instructions. There are no instructions for accessing content or functionality elements/components depending on single sensory characteristics of shape, size, visual location, orientation, or sound.  Conformance determined with NVDA, keyboard, aXe toolbar, looking at source code, and product use.
<ul> <li>602.3 (Support Docs)</li> <li>1.4.1 Use of Color (Level A) Also applies to: EN 301 549 Criteria  <ul> <li>9.1.4.1 (Web)</li> <li>10.1.4.1 (Non-web document)</li> <li>11.1.4.1 (Open Functionality Software)</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul> </li> <li>Revised Section 508  <ul> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul> </li> </ul>	Supports	Color is not used to enhance usability by drawing attention to certain areas of the screen, like navigation. Color is never the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.  Conformance determined with aXe toolbar and product use.

Criteria	Conformance Level	Remarks and Explanations
1.4.2 Audio Control (Level A) Also applies to: EN 301 549 Criteria  • 9.1.4.2 (Web)  • 10.1.4.2 (Non-web document)  • 11.1.4.2 (Open Functionality Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Not Applicable	Digital Sanborn Maps does not provide any audio or video content.
2.1.1 Keyboard (Level A) Also applies to: EN 301 549 Criteria  • 9.2.1.1 (Web)  • 10.2.1.1 (Non-web document)  • 11.2.1.1.1 (Open Functionality Software)  • 11.2.1.1.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	<ul> <li>Digital Sanborn Maps is designed for keyboard access. With the cursor in the browser address bar, the user can Tab through the interactive elements—links, drop-down lists, etc.—with a reader saying aloud the element name/purpose.</li> <li>Exceptions: <ul> <li>A 'Skip navigation' link is in place.</li> </ul> </li> <li>On the 'Browse Maps' page, the user can make City, State, and Date selections using a combination of spacebar, arrow, and Enter keys.</li> <li>Conformance determined with aXe toolbar, reviewing source, and product use.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
2.1.2 No Keyboard Trap (Level A) Also applies to: EN 301 549 Criteria  • 9.2.1.2 (Web)  • 10.2.1.2 (Non-web document)  • 11.2.1.2 (Open Functionality Software)  • 11.2.1.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	There are no popup windows or pages creating a keyboard-trap condition.  Conformance determined with aXe toolbar and product use.
2.1.4 Character Key Shortcuts (Level A 2.1 only) Also applies to: EN 301 549 Criteria  • 9.2.1.4 (Web)  • 10.2.1.4 (Non-web document)  • 11.2.1.4.1 (Open Functionality Software)  • 11.2.1.4.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	There are no character key shortcuts implemented in Digital Sanborn Maps.

Criteria	Conformance Level	Remarks and Explanations
2.2.1 Timing Adjustable (Level A) Also applies to: EN 301 549 Criteria  9.2.2.1 (Web)  10.2.2.1 (Non-web document)  11.2.2.1 (Open Functionality Software)  11.2.2.1 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  Revised Section 508  501 (Web)(Software)  504.2 (Authoring Tool)  602.3 (Support Docs)	Not Applicable	Digital Sanborn Maps does not require timed responses.
2.2.2 Pause, Stop, Hide (Level A) Also applies to: EN 301 549 Criteria  9.2.2.2 (Web)  10.2.2.2 (Non-web document)  11.2.2.2 (Open Functionality Software)  11.2.2.2 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508  501 (Web)(Software)  504.2 (Authoring Tool)  602.3 (Support Docs)	Not Applicable	Digital Sanborn Maps does not implement any UI elements or content that causes moving, blinking, scrolling, or auto-updating information. No pausing, stopping, or hiding is required.

Criteria	Conformance Level	Remarks and Explanations
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: EN 301 549 Criteria  • 9.2.3.1 (Web)  • 10.2.3.1 (Non-web document)  • 11.2.3.1 (Open Functionality Software)  • 11.2.3.1 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Not Applicable	Digital Sanborn Maps does not implement any flash, flashing, or flash-like experience whether related to content or not.  Conformance determined by observation, keyboard, aXe, and product use.

Criteria	Conformance Level	Remarks and Explanations
2.4.1 Bypass Blocks (Level A) Also applies to: EN 301 549 Criteria	Supports	A 'Skip navigation' link is provided at the top of every page after the user logs in, allowing users to skip repetitive navigation links.
<ul> <li>9.2.4.1 (Web)</li> <li>10.2.4.1 (Non-web document) – Does not apply</li> <li>11.2.4.1 (Open Functionality Software) – Does not apply</li> <li>11.2.4.1 (Closed Software) – Does not apply</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul>		Conformance determined by observation, keyboard, aXe, and product use.
Revised Section 508		
<ul> <li>501 (Web)(Software) – Does not apply to non-web software</li> </ul>		
<ul><li>504.2 (Authoring Tool)</li></ul>		
<ul> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>		

2.4.2 Page Titled (Level A)  Also applies to:	Digital Sanborn Maps pages have unique page titles.
<ul> <li>EN 301 549 Criteria</li> <li>9.2.4.2 (Web)</li> <li>10.2.4.2 (Non-web document)</li> <li>11.2.4.2 (Open Functionality Software) - Does not apply</li> <li>11.2.4.2 (Closed Software) - Does not apply</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Determined by source review and product use.

Criteria	Conformance Level	Remarks and Explanations
2.4.3 Focus Order (Level A)	Supports	Conformance determined by observation, keyboard, and
Also applies to:		product use.
EN 301 549 Criteria		
<ul><li>9.2.4.3 (Web)</li></ul>		
<ul> <li>10.2.4.3 (Non-web document)</li> </ul>		
<ul> <li>11.2.4.3 (Open Functionality Software)</li> </ul>		
<ul><li>11.2.4.3 (Closed Software)</li></ul>		
<ul> <li>11.8.2 (Authoring Tool)</li> </ul>		
<ul><li>12.1.2 (Product Docs)</li></ul>		
<ul><li>12.2.4 (Support Docs)</li></ul>		
Revised Section 508		
<ul><li>501 (Web)(Software)</li></ul>		
<ul> <li>504.2 (Authoring Tool)</li> </ul>		
• 602.3 (Support Docs)		
2.4.4 Link Purpose (In Context) (Level A)	Supports	Conformance determined by observation, keyboard, and
Also applies to:		product use.
EN 301 549 Criteria		
• 9.2.4.4 (Web)		
<ul> <li>10.2.4.4 (Non-web document)</li> </ul>		
<ul> <li>11.2.4.4 (Open Functionality Software)</li> </ul>		
<ul> <li>11.2.4.4 (Closed Software</li> </ul>		
<ul> <li>11.8.2 (Authoring Tool)</li> </ul>		
<ul><li>12.1.2 (Product Docs)</li></ul>		
<ul><li>12.2.4 (Support Docs)</li></ul>		
Revised Section 508		
<ul><li>501 (Web)(Software)</li></ul>		
<ul> <li>504.2 (Authoring Tool)</li> </ul>		
<ul> <li>602.3 (Support Docs)</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
2.5.1 Pointer Gestures (Level A 2.1 only) Also applies to: EN 301 549 Criteria  • 9.2.5.1 (Web)  • 10.2.5.1 (Non-web document)  • 11.2.5.1 (Open Functionality Software)  • 11.2.5.1 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	Digital Sanborn Maps does not implement functionality that uses multipoint or path-based gestures for operation  Conformance determined by observation and product use.
2.5.2 Pointer Cancellation (Level A 2.1 only) Also applies to: EN 301 549 Criteria  • 9.2.5.2 (Web)  • 10.2.5.2 (Non-web document)  • 11.2.5.2 (Open Functionality Software)  • 11.2.5.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	<ul> <li>From:         https://www.w3.org/WAI/WCAG21/Understanding/pointer-cancellation.html         The following is true in Digital Sanborn Maps:         'No Down-Event: The down-event of the pointer is not used to execute any part of the function'         That is, when the user clicks an interactive event, and continues to depress the mouse button while moving the pointer off the target before releasing the buttonno part of the intended function is executed.     </li> </ul>

Criteria	Conformance Level	Remarks and Explanations
2.5.3 Label in Name (Level A 2.1 only) Also applies to: EN 301 549 Criteria  9.2.5.3 (Web)  10.2.5.3 (Non-web document)  11.2.5.3.1 (Open Functionality Software)  11.2.5.3.2 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	
2.5.4 Motion Actuation (Level A 2.1 only) Also applies to: EN 301 549 Criteria  • 9.2.5.4 (Web)  • 10.2.5.4 (Non-web document)  • 11.2.5.4 (Open Functionality Software)  • 11.2.5.4 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Not Applicable	Conformance level reflects consultation with technical staff.

Criteria	Conformance Level	Remarks and Explanations
3.1.1 Language of Page (Level A) Also applies to: EN 301 549 Criteria  • 9.3.1.1 (Web)  • 10.3.1.1 (Non-web document)  • 11.3.1.1.1 (Open Functionality Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Language is declared correctly at the top of the source code for each page in Digital Sanborn Maps, as: <html lang="en"> Conformance determined by source review.</html>
3.2.1 On Focus (Level A) Also applies to: EN 301 549 Criteria  9.3.2.1 (Web)  10.3.2.1 (Non-web document)  11.3.2.1 (Open Functionality Software)  11.3.2.1 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508  501 (Web)(Software)  504.2 (Authoring Tool)  602.3 (Support Docs)	Supports	UI components such as form controls do not change user or page context when they receive focus.  Conformance determined by observation and product use.

Criteria	Conformance Level	Remarks and Explanations
3.2.2 On Input (Level A) Also applies to: EN 301 549 Criteria  • 9.3.2.2 (Web)	Partially Supports	On the Browse Maps and Map Display pages, the State, City, and Date dropdowns collectively, as you advance through them do change context as the user makes drop-list selections from each.
<ul> <li>10.3.2.2 (Non-web document)</li> <li>11.3.2.2 (Open Functionality Software)</li> <li>11.3.2.2 (Closed Software)</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>		The changes in context there are mitigated by the user's ability to tab (or shift-tab) to the next (or previous) drop-list in the sequence, where the reader reads out the name (State, City, Date) of the drop-list. The user can then press the spacebar to display the list, use the arrows keys to highlight a selection and press Enter to make that selection. The reader reads out loud the current selection (for each drop-list, as the current selection, if there is one).  Conformance determined by observation, keyboard, and product use.
3.3.1 Error Identification (Level A) Also applies to: EN 301 549 Criteria  • 9.3.3.1 (Web)  • 10.3.3.1 (Non-web document)  • 11.3.3.1.1 (Open Functionality Software)  • 11.8.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Conformance determined by observation and product use.

Criteria	Conformance Level	Remarks and Explanations
3.3.2 Labels or Instructions (Level A) Also applies to: EN 301 549 Criteria  • 9.3.3.2 (Web)  • 10.3.3.2 (Non-web document)  • 11.3.3.2 (Open Functionality Software)  • 11.8.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Conformance determined by aXe, NVDA, observation, keyboard, and product use.

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A) Also applies to: EN 301 549 Criteria  • 9.4.1.1 (Web)  • 10.4.1.1 (Non-web document)  • 11.4.1.1.1 (Open Functionality Software)  • 11.4.1.1.2 (Closed Software) – Does not apply  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Pages conform to HTML standards.  No broken or incomplete tags or incorrectly nested tags noted.  Conformance determined by observation, keyboard, and product use.

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A) Also applies to: EN 301 549 Criteria	Supports	Pages conform to HTML (including the HTML 5 standard) standards which should make all components available to assistive technologies.
<ul> <li>9.4.1.2 (Web)</li> <li>10.4.1.2 (Non-web document)</li> <li>11.4.1.2.1 (Open Functionality Software)</li> <li>11.4.1.2.2 (Closed Software) – Not required</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> <li>Revised Section 508</li> </ul>		Conformance determined by aXe, observation, source review, product use, conversation with development.
<ul><li>501 (Web)(Software)</li><li>504.2 (Authoring Tool)</li><li>602.3 (Support Docs)</li></ul>		

## Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	Digital Sanborn Maps does not include any audio
Also applies to:		or video content.
EN 301 549 Criteria		
• 9.1.2.4 (Web)		
<ul> <li>10.1.2.4 (Non-web document)</li> </ul>		
<ul> <li>11.1.2.4 (Open Functionality Software)</li> </ul>		
<ul><li>11.1.2.4 (Closed Software)</li></ul>		
<ul><li>11.8.2 (Authoring Tool)</li></ul>		
<ul><li>12.1.2 (Product Docs)</li></ul>		
<ul><li>12.2.4 (Support Docs)</li></ul>		
Revised Section 508		
<ul><li>501 (Web)(Software)</li></ul>		
<ul> <li>504.2 (Authoring Tool)</li> </ul>		
<ul> <li>602.3 (Support Docs)</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: EN 301 549 Criteria  • 9.1.2.5 (Web)  • 10.1.2.5 (Non-web document)  • 11.1.2.5 (Open Functionality Software)  • 11.8.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Not Applicable	Digital Sanborn Maps does not include any audio or video content.
1.3.4 Orientation (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.3.4 (Web) • 10.1.3.4 (Non-web document) • 11.1.3.4 (Open Functionality Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	Display adapts accordingly in portrait and landscape modes.  Conformance determined by observation and product use.

Criteria	Conformance Level	Remarks and Explanations
1.3.5 Identify Input Purpose (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria  9.1.3.5 (Web)  10.1.3.5 (Non-web document)  11.1.3.5.1 (Open Functionality Software)  11.1.3.5.2 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	Conformance determined by observation and product use.
1.4.3 Contrast (Minimum) (Level AA) Also applies to: EN 301 549 Criteria  9.1.4.3 (Web)  10.1.4.3 (Non-web document)  11.1.4.3 (Open Functionality Software)  11.1.4.3 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508  501 (Web)(Software)  504.2 (Authoring Tool)  602.3 (Support Docs)	Supports	Contrast ratio between text and background is at least 4.5:1.  Conformance determined with Colour Contrast Analyzer.

Criteria	Conformance Level	Remarks and Explanations
1.4.4 Resize text (Level AA)  Also applies to: EN 301 549 Criteria  • 9.1.4.4 (Web)  • 10.1.4.4 (Non-web document)  • 11.1.4.4.1 (Open Functionality Software)  • 11.8.2 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Browser 'Zoom Text Only' to 200% enlarges page text without degrading utility or readability, or introducing the need to scroll horizontally (as well as vertically).  Conformance determined with product use and observation.
1.4.5 Images of Text (Level AA) Also applies to: EN 301 549 Criteria  • 9.1.4.5 (Web)  • 10.1.4.5 (Non-web document)  • 11.1.4.5.1 (Open Functionality Software)  • 11.1.4.5.2 (Closed Software) – Does not apply  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Corresponding thumbnail hover images provide location (city/state) and sheet number within the current volume.  Map Display page includes same information, including Date as provided for thumbnail hovers.

Criteria	Conformance Level	Remarks and Explanations
1.4.10 Reflow (Level AA 2.1 only)  Also applies to: EN 301 549 Criteria  9.1.4.10 (Web)  10.1.4.10 (Non-web document)  11.1.4.10 (Open Functionality Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	Zooming to 400% does not introduce the need to scroll horizontally. Page content and functionality can be accessed by scrolling vertically. Some navigation selections are reconfigured to be included in a 'hamburger menu' as zooming goes higher.  Conformance level reflects consultation with technical staff.
1.4.11 Non-text Contrast (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria  • 9.1.4.11 (Web)  • 10.1.4.11 (Non-web document)  • 11.1.4.11 (Open Functionality Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	Conformance determined with Color contrast analyzer and aXe.

Criteria	Conformance Level	Remarks and Explanations
1.4.12 Text Spacing (Level AA 2.1 only)  Also applies to: EN 301 549 Criteria  9.1.4.12 (Web)  10.1.4.12 (Non-web document)  11.1.4.12 (Open Functionality Software)  11.4.12 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	Conformance determined with product use and observation.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria  • 9.1.4.13 (Web)  • 10.1.4.13 (Non-web document)  • 11.1.4.13 (Open Functionality Software)  • 11.1.4.13 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	Conformance determined with product use and observation.

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>2.4.5 Multiple Ways (Level AA)</li> <li>Also applies to: EN 301 549 Criteria  <ul> <li>9.2.4.5 (Web)</li> <li>10.2.4.5 (Non-web document) – Does not apply</li> <li>11.2.4.5 (Open Functionality Software) – Does not apply</li> <li>11.2.4.5 (Closed Software) – Does not apply</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul> </li> <li>Revised Section 508  <ul> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul> </li> </ul>	Supports	Once a user is authenticated to the Digital Sanborn Maps application, there are a handful of pages that make up the application:  About  Browse Maps  Results / Thumbnail Grid  Map Display  Maps Legend (as static PDF)  About, Browse, and Maps Legend are always available from a horizontal menu bar at the top of each page.  NOTE: The 'Help' link references help articles that reside on ProQuest's Support Center site.  Conformance determined by observation and product use.

Criteria	Conformance Level	Remarks and Explanations
2.4.6 Headings and Labels (Level AA)  Also applies to: EN 301 549 Criteria  • 9.2.4.6 (Web)  • 10.2.4.6 (Non-web document)  • 11.2.4.6 (Open Functionality Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Determined by observation, aXe, and product use.
2.4.7 Focus Visible Also applies to: EN 301 549 Criteria  • 9.2.4.7 (Web)  • 10.2.4.7 (Non-web document)  • 11.2.4.7 (Open Functionality Software)  • 11.2.4.7 (Closed Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Digital Sanborn Maps provides obvious visual feedback as the user tabs through interactive components on application pages. As a component receives focus, either highlighting or outlining communicate that visually to the user. Conformance determined by observation and product use.

Criteria	Conformance Level	Remarks and Explanations
3.1.2 Language of Parts (Level AA)  Also applies to: EN 301 549 Criteria  9.3.1.2 (Web)  10.3.1.2 (Non-web document)  11.3.1.2 (Open Functionality Software) – Does not apply  11.3.1.2 (Closed Software) – Does not apply  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508  501 (Web)(Software)  504.2 (Authoring Tool)  602.3 (Support Docs)	Not Applicable	There is no foreign-language textual content in Digital Sanborn Maps.  Conformance determined by observation and product use.

Criteria	Conformance Level	Remarks and Explanations
3.2.3 Consistent Navigation (Level AA) Also applies to: EN 301 549 Criteria  9.3.2.3 (Web)  10.3.2.3 (Non-web document) – Does not apply  11.3.2.3 (Open Functionality Software) – Does not apply  11.3.2.3 (Closed Software) – Does not apply  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508  501 (Web)(Software) – Does not apply to non-web software  504.2 (Authoring Tool)  602.3 (Support Docs) – Does not apply to non-web	Supports	Remarks and Explanations  Consistent top-bar navigation is available when a user is logged in: About, Browse, Maps Legend.  Conformance determined by observation and product use.

Criteria	Conformance Level	Remarks and Explanations
3.2.4 Consistent Identification (Level AA) Also applies to: EN 301 549 Criteria  • 9.3.2.4 (Web)	Supports	Digital Sanborn Maps aims to label or acknowledge the same interface element the same way, in the same manner wherever it displays or is referenced.
<ul> <li>10.3.2.4 (Non-web document) – Does not apply</li> <li>11.3.2.4 (Open Functionality Software) – Does not apply</li> <li>11.3.2.4 (Closed Software) – Does not apply</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul>		Conformance determined by observation and product use.
<ul> <li>Revised Section 508</li> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
3.3.3 Error Suggestion (Level AA)  Also applies to: EN 301 549 Criteria  9.3.3.3 (Web)  10.3.3.3 (Non-web document)  11.3.3.3 (Open Functionality Software)  11.3.3.3 (Closed Software)  11.8.2 (Authoring Tool)  12.1.2 (Product Docs)  12.2.4 (Support Docs)  Revised Section 508  501 (Web)(Software)  504.2 (Authoring Tool)  602.3 (Support Docs)	Supports	Error messaging attempts to clearly advise the user about the nature of the problem and what action they need to, or can, take.  Conformance determined with product use and observation.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: EN 301 549 Criteria  • 9.3.3.4 (Web)  • 10.3.3.4 (Non-web document)  • 11.3.3.4 (Open Functionality Software)  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Not Applicable	The user does not encounter any of the following kinds of issues in Digital Sanborn Maps: legal, financial, data, user test responses.  Conformance determined with product use and observation.

Criteria	Conformance Level	Remarks and Explanations
4.1.3 Status Messages (Level AA 2.1 only)  Also applies to: EN 301 549 Criteria  • 9.4.1.3 (Web)  • 10.4.1.3 (Non-web document)  • 11.4.1.3 (Open Functionality Software)  • 11.4.1.3 (Closed Software) – Does not apply  • 11.8.2 (Authoring Tool)  • 12.1.2 (Product Docs)  • 12.2.4 (Support Docs)  Revised Section 508 – Does not apply	Supports	Aside from a brief spinner that displays when a map is loading for display, there are currently no status messages that display to the user.  There is nothing in the way that Digital Sanborn Maps is coded to prevent us from displaying status messages if customers ask.  Conformance determined with product use and observation.

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Notes:

## **Chapter 3: Functional Performance Criteria (FPC)**

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	<ul> <li>Users can tab through interactive page elements using the keyboard.</li> <li>Users can navigate and make list selections using the keyboard.</li> <li>Form controls are accessible to a screen reader.</li> <li>A skip navigation link is available on each page.</li> <li>Heading tags and labels structure page content.</li> <li>Unique page titles.</li> <li>Conformance determined with manual keyboard testing, Color Contrast Analyzer, aXe, NVDA screen reader, and observation.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
302.2 With Limited Vision	Supports	<ul> <li>Users can tab through interactive page elements using the keyboard.</li> <li>Users can navigate and make list selections using the keyboard.</li> <li>Form controls are accessible to a screen reader.</li> <li>A skip navigation link is available on each page.</li> <li>Heading tags and labels structure page content.</li> <li>With exceptions, contrast exceeds 4.5:1.</li> <li>As interface components receive focus while a user tabs through a page, focus is visible.</li> <li>Conformance determined with manual keyboard testing, Color Contrast Analyzer, aXe, NVDA screen reader, and observation.</li> </ul>
302.3 Without Perception of Color	Supports	Contrast between text and background passes AA conformance for both regular and large text. Tested with the Chrome High Contrast extension.  Conformance determined with Color Contrast Analyzer, Chrome High Contrast extension, aXe, product use, and observation.

Criteria	Conformance Level	Remarks and Explanations
302.4 Without Hearing	Not Applicable	Digital Sanborn Maps does not provide any audio or video content, playback, or feedback.  Conformance determined with product use, and observation.
302.5 With Limited Hearing	Not Applicable	Digital Sanborn Maps does not provide any audio or video content, playback, or feedback.  Conformance determined with product use, and observation.
302.6 Without Speech	Not Applicable	Digital Sanborn Maps does not provide any audio or video content, playback, or feedback.  Conformance determined with product use, and observation.
302.7 With Limited Manipulation	Supports	<ul> <li>Interactive page elements such as form controls and links are available using the keyboard.</li> <li>A skip link is provided.</li> <li>Heading tags and labels provide site and page content structure.</li> <li>Conformance determined with manual keyboard testing, product use, and observation.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
302.8 With Limited Reach and Strength	Supports	<ul> <li>Interactive page elements such as form controls and links are available using the keyboard.</li> <li>A skip link is provided.</li> <li>Heading tags and labels provide site and page content structure.</li> <li>Conformance determined with manual keyboard testing, product use, and observation.</li> </ul>
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	<ul> <li>Interactive page elements such as form controls and links are available using the keyboard.</li> <li>A skip link is provided.</li> <li>Heading tags and labels provide site and page content structure.</li> <li>Conformance determined with manual keyboard testing, product use, and observation.</li> </ul>

# **Chapter 4: Hardware**

Notes: Not applicable for a web software application. Chapter 4 removed.

# **Chapter 5: Software**

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Supports	Digital Sanborn Maps does not interfere with user-controlled browser and operating system accessibility features.  Digital Sanborn Maps does not provide any accessibility features.  Conformance determined by manual keyboard testing, product use, and
		observation.
502.2.2 No Disruption of Accessibility Features	Supports	Digital Sanborn Maps does not interfere with user-controlled browser and operating system accessibility features.
		Digital Sanborn Maps does not provide any accessibility features.
		Conformance determined by manual keyboard testing, product use, and observation.

502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Supports	Component states and attributes are available to assistive technologies.
		Conformance determined by manual keyboard testing, product use, NVDA, and observation.
502.3.2 Modification of Object Information	Supports	Conformance determined with manual keyboard testing and observation.
502.3.3 Row, Column, and Headers	Supports	Conformance determined with manual keyboard testing, NVDA, and observation.
502.3.4 Values	Supports	Conformance determined with manual keyboard testing, NVDA, and observation.
502.3.5 Modification of Values	Supports	User-set values can also be determined programmatically, including by assistive technology.
		Conformance determined with manual keyboard testing, NVDA, and observation.
502.3.6 Label Relationships	Supports	Conformance determined with manual keyboard testing, NVDA, and observation.

502.3.7 Hierarchical Relationships	Supports	Conformance determined with manual keyboard testing, NVDA, and observation.
502.3.8 Text	Supports	Digital Sanborn Maps is coded using standard HTML styled using CSS.  Conformance determined with manual keyboard testing, NVDA, source review, and observation.
502.3.9 Modification of Text	Supports	Users cannot modify default text displayed on pages throughout Digital Sanborn Maps.  Conformance determined with manual keyboard testing, NVDA, source review, and observation.
502.3.10 List of Actions	Supports	Conformance determined by consultation with technical staff.
502.3.11 Actions on Objects	Supports	Conformance determined by consultation with technical staff.
502.3.12 Focus Cursor	Supports	Digital Sanborn Maps uses highlighting and outlining to indicate what page component currently receives focus.  Conformance determined with manual keyboard testing, NVDA, source review, and observation.

502.3.13 Modification of Focus Cursor	Supports	Using assistive technologies, users can change component selection and corresponding focus and, make available selections. Digital Sanborn Maps does not interfere with assistive technologies.  Conformance determined with manual keyboard testing, NVDA, source review, and observation.
502.3.14 Event Notification	Does Not Support	Conformance determined with manual keyboard testing, NVDA, source review, and observation.
502.4 Platform Accessibility Features	Not Applicable	This standard applies only to platform and platform software such as operating systems "marked not applicable (N/A) for application software."
		Conformance determined with interpretation of 502.4.
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Supports	The user can change browser settings to over-ride stylesheet defaults.
		Conformance determined with manual keyboard testing, NVDA, source review, and observation.

503.3 Alternative User Interfaces	Not Applicable	Digital Sanborn Maps does not provide any alternative user interface that functions as an assistive technology.  Conformance determined with interpretation of 503.3.
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	Digital Sanborn Maps does not include any audio or video content.
503.4.2 Audio Description Controls	Not Applicable	Digital Sanborn Maps does not include any audio or video content.
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter "not applicable")	Not Applicable	
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	Digital Sanborn Maps does not allow for user-authoring of content.
504.2.2 PDF Export	Not Applicable	Digital Sanborn Maps does not allow for user-authoring of content.
504.3 Prompts	Not applicable	Digital Sanborn Maps does not allow for user-authoring of content.
504.4 Templates	Not applicable	Digital Sanborn Maps does not allow for user-authoring of content.

## **Chapter 6: Support Documentation and Services**

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Digital Sanborn Maps does not provide any accessibility or compatibility features that do not follow established system conventions.
		Conformance determined with product use and observation.
602.3 Electronic Support Documentation	Supports	
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Support documentation is available only through electronic means—for example, a PDF 'Maps Legend' document available from the top navigation bar in the application.
		Additionally, help topics are hosted in the Support area of proquest.com.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Digital Sanborn Maps does not provide any accessibility or compatibility features that do not follow established system conventions.

Criteria	Conformance Level	Remarks and Explanations
		Conformance determined with product use and observation.
603.3 Accommodation of Communication Needs	Supports	ProQuest Support services are available to accommodate communication needs of Digital Sanborn Maps users with disabilities. Staff have experience working with users with disabilities.
		Users can communicate with customer support via:
		• Phone
		• Email
		• Chat
		Contact Us web form

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