

## Accessibility Test Report

Organization: Nevada – Enterprise IT Services
OCR Number: 10161101
Date: 05/09/17
Requestor: Dr. Steve Canavero
Site URL: <a href="http://www.doe.nv.gov/">http://www.doe.nv.gov/</a>
Auditor: Kevin Rydberg
Test Environment: PC Operating System: Windows 10 Browser: Chrome, Firefox, IE 11 Assistive technology: NVDA, JAWS
Project Description: Website audit on <a href="http://www.doe.nv.gov">http://www.doe.nv.gov</a> , based on OCR complaint 10-16-1101, dated 04-28-2016. This audit is a combination of automated accessibility testing via Siteimprove, and manual testing on the pages listed in the complaint, plus a representative sampling of additional page elements.
Overall Test Results: While there are areas that need improvement, the overall experience on the <a href="http://www.doe.nv.gov">www.doe.nv.gov</a> site is good. In this report, we will address issues found in the automated Siteimprove Intelligence Platform tool, a check with the WAVE extension, and a manual check (both sighted and screen reader) on the pages listed in the official complaint letter. This also includes a sampling of additional pages chosen based off specific page elements not found on those listed in the complaint for a more thorough audit. In this report, you will find the audit results which can assist in the corrective action plan implementation.

Note: This review is a combination of auto-testing all pages and a sampling of pages for manual testing. The responsibility for full and complete testing and compliance remains with the owner of the website.

WCAG 2.0 Guideline Summary	Supports Y/N	Remarks & Explanations
1.1 Text Alternatives: Provide text alternatives for any non-text content.	Y	Overall good use of alt tags for images, and good discretion for decorative images. Review Google search box and Google translate buttons to determine if alt tags would benefit users of assistive technology.
1.2 Time-based Media: Provide alternatives for time-based media.	Y	All videos on site are external, most provide transcripts of audio and descriptions of images. Review Vimeo postings for captions.
1.3 Adaptable: Create content that can be presented and navigated in different ways.	Y	No issues detected.
1.4 Distinguishable: Make it easier for users to see and hear content, including adequately separating the foreground from the background.	N	Low color contrast issues found across the site, and the use of text in images should be reevaluated.
2.1 Keyboard Accessible: Make all functionality available from a keyboard.	N	Keyboard traps found on pages where the Google Custom Search box is not properly coded, cursor was unable to proceed past the search box.
2.2 Enough Time: Provide users enough time to read and use content.	Y	Review image carousel postings, should include some way to control the flow of content.
2.3 Seizures: Do not design content in a way that is known to cause seizures.	Y	No issues detected.
2.4 Navigable: Provide ways to help users navigate, find content, and determine where they are.	N	Every page requires a skip link and should notify when a link opens into a new window. Multiple instances of non-distinguishable links.
3.1 Readable: Make text content readable and understandable.	Y	No issues detected.
3.2 Predictable: Make web pages appear and operate in predictable ways.	N	Google Search box needs associated instructions.
3.3 Input Assistance: Help users avoid and correct mistakes.	Y	No issues detected.
4.1 Compatible: Maximize compatibility with current and future user agents, including assistive technologies.	Y	No issues detected.

### Pages Listed on OCR Complaint

Page	Page URL Manual Test
Homepage	<a href="http://www.doe.nv.gov/">http://www.doe.nv.gov/</a>
Special Education	<a href="http://www.doe.nv.gov/Office_of_Special_Education/">http://www.doe.nv.gov/Office_of_Special_Education/</a>
Bully Free Zone	<a href="http://bullyfreezone.nv.gov/">http://bullyfreezone.nv.gov/</a>
Family Resources	<a href="http://bullyfreezone.nv.gov/Resources/Family_Resources/">http://bullyfreezone.nv.gov/Resources/Family_Resources/</a>

## Additional Page Elements

Page	Page URL Manual Test
Secondary Homepage	http://bullyfreezone.nv.gov/
Content Page	http://www.doe.nv.gov/Office_of_Special_Education/
Form	http://www.doe.nv.gov/Contact/DOE_Website_Inquiries/
Multimedia	http://bullyfreezone.nv.gov/Resources/Family/Videos/
Image Gallery	NA
Content Page	http://bullyfreezone.nv.gov/Resources/Family_Resources/
Landing Page	http://www.doe.nv.gov/News__Media/Home/
Portal Page	NA
Log in	http://www.doe.nv.gov/Resources/Tools/
Modal Element	NA
Product Page	NA
Shopping Cart	NA

## Page Manual Test Results

**Page:** Homepage

**Page URL:** http://www.doe.nv.gov/

**Results:** This homepage includes many accessible aspects, and just a few areas that need more attention. The cursor focus on this page is displayed well until it reaches the image carousel of articles. In Chrome/IE the cursor focus is visible as you tab through the articles until the carousel changes, then it gets thrown off and disappears. In Firefox the cursor focus is not shown at all in the image carousel of articles. There are a few non-distinguishable links on the homepage that can be identified using our automated tool. Regarding images on this page, the Google-translate drop down menu does not have an alt tag. Perhaps left off intentionally, but it would help users of assistive technology understand why they are being asked to select language. There are some issues with color contrast on the homepage, including the main navigation bar at the top which has a color ratio of 2.79:1 for all nine links. Best practice recommends color ratio of background to foreground of at least 4.5:1 or 3:1 for large text. Search form element needs associated instructions above and to the left of the field, as well as an alternative text included on the magnifying glass button. This page needs a skip to main content link.

**Screen Reader Results:** Using JAWS or NVDA the image carousel of articles included a few that read with different titles than what was displayed. Could be intentional but it would help with predictability of the moving articles if they matched exactly so you know where you are in the queue. The search form element was not descriptive enough. Using NVDA/Firefox, as the edit field read as “clickable edit” and the magnifying glass button read as “button search.” Similar results were found using Chrome/NVDA, with the magnifying glass reading as “button submit.” Using JAWS/IE it predicted the search label, saying “search” before you reach form field, then saying “edit” once you are inside the box and “search button” for the magnifying glass. The image carousel of articles needs to include pause/stop controls, and a way for users to go back and forwards in the list.

**Disabilities Impacted:** Users with low vision, no vision, color-blindness, cognitive disabilities, and motor disabilities.

Test Performed	Criterion	Description	Result – Pass/Fail
Language declared	3.1.1	Language declaration present	pass
Page Title	2.4.2	Title present	pass
Keyboard Navigation			
	1.3.2	Meaningful Sequence	pass
	2.1.2	No Keyboard Trap	pass
	2.4.3	Keyboard Focus (Hidden Parts)	pass
	2.4.3	Keyboard Focus Order	pass
	2.4.7	Keyboard Focus Visible – All Browsers	Fail- Article

			Carousel does not show cursor focus in Firefox
Headings Present	1.3.1	Empty headings present on page	pass
Links			
	1.4.1	Identified by color only	pass
	2.4.4	Non-distinguishable	Fail- Nevada Report Card link shows up 5 different places with different URL's
		New window not indicated	pass
		Same page links work	pass
Graphics			
	1.1.1	Decorative Image? (empty alt attribute)	Fail- Google translate button should have alt tag
	1.4.5	Review Alt (contextual)	pass
Color			
	1.4.1	Color (meaning)	pass
	1.4.3	Color (contrast)	Fail- main navigation bar and Upcoming Meetings/What's New too low of color contrast
Tables			
	1.3.1	Tables Cell-header Mapping	NA
Forms			
	1.3.2	Logical Order	pass
	2.1.2	Navigate via Keyboard (no traps)	pass
	3.3.1	Error Identification	pass
	3.2.2	Forms (associated instructions)	Fail-search box needs instructions above and left of form field.
Multimedia Present		YouTube video present	NA
		Controls Usable	NA
		Audio (transcripts)	NA
		Video (descriptions)	NA
	1.2.1	Synchronized Media (captions)	NA
		Synchronized Media (descriptions)	NA
Resize Text	1.4.4	Browser resize works properly	pass
iFrames Present	4.1.2	iFrame present with no description	NA
Skip Link Present	2.4.1	Skip link present	Fail-needs skip link
Style Sheet Dependence	4.1.1	While a few elements don't work correctly, the page is overall navigable with CSS turned off. Carousel and Google map break with no CSS.	pass

Timed Event Present	2.2.1	Image carousel	Fail- article carousel has no controls
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## Page Manual Test Results

**Page:** Special Education

**Page URL:** [http://www.doe.nv.gov/Office\\_of\\_Special\\_Education/](http://www.doe.nv.gov/Office_of_Special_Education/)

**Results:** On this page there were many accessible elements, and a few that could use improvements. Regarding non-distinguishable links there were several instances that had the same link text with different URL's. Using our automated tool can help find those duplicate instances either on the page or in the html, and either consolidate or eliminate where they exist. Issues with color contrast on this page include the top navigation bar starting with Inside NDE to Bully Free Zone, also Programs list of links, Resources and Reports all have contrast ratio of 1.27:1, guidelines require at least 4.5:1. The search button needs associated search instructions above and to the left of the edit field, as well as an alternate text for the magnifying glass button. Using placeholder text "Custom Search" in the search field is not recommended, as once the box has cursor focus the text disappears. Best practice recommends images posted should not include text such as the ADA compliance image link, as there is no assistive technology that can read images of text, and often they can become distorted upon screen magnification. This page requires a skip to main content link.

**Screen Reader Results:** Using JAWS/IE the meaningful sequence of the page was a little off. The screen reader reads through every link on the left and right sides of the page, then reads the main content in the middle. This could be due to the heading structure, as the only h1 on the page is the Office of Special Education. Using h2, h3 headings and so on to distinguish importance would help the screen reader logically read through the content. Also, JAWS read the link under Families that reads Adult Education/HSE as Adult Education House. JAWS/Chrome read the search field as "Custom Search" and "submit button", which doesn't provide a lot of information for assistive technology users. JAWS read the Google-translate button as "link has pop up select language" which at the end of a page could be confusing, and an alt tag saying something about it being a google translate would be very beneficial. Using NVDA/Firefox, the search box again is not descriptive enough.

**Disabilities Impacted:** Users with low vision, no vision, color-blindness, cognitive disabilities, and motor disabilities.

Test Performed	Criterion	Description	Result – Pass/Fail
Language declared	3.1.1	Language declaration present	pass
Page Title	2.4.2	Title present	pass
Keyboard Navigation			
	1.3.2	Meaningful Sequence	pass
	2.1.2	No Keyboard Trap	pass
	2.4.3	Keyboard Focus (Hidden Parts)	pass
	2.4.3	Keyboard Focus Order	pass
	2.4.7	Keyboard Focus Visible – All Browsers	pass
Headings Present	1.3.1	Empty headings present on page	pass
Links			
	1.4.1	Identified by color only	pass
	2.4.4	Non-distinguishable	Fail- multiple instances of School Improvement, English Language Learners, and Accountability links.

		New window not indicated	pass
		Same page links work	pass
Graphics			
	1.1.1	Decorative Image? (empty alt attribute)	pass
	1.4.5	Review Alt (contextual)	pass
Color			
	1.4.1	Color (meaning)	pass
	1.4.3	Color (contrast)	Fail- top navigation bar, Programs list, Resources etc.
Tables			
	1.3.1	Tables Cell-header Mapping	NA
Forms			
	1.3.2	Logical Order	pass
	2.1.2	Navigate via Keyboard (no traps)	pass
	3.3.1	Error Identification	pass
	3.2.2	Forms (associated instructions)	Fail- search box requires instructions above and to the left of field.
Multimedia Present		YouTube video present	NA
		Controls Usable	NA
		Audio (transcripts)	NA
		Video (descriptions)	NA
	1.2.1	Synchronized Media (captions)	NA
		Synchronized Media (descriptions)	NA
Resize Text	1.4.4	Browser resize works properly	pass
iFrames Present	4.1.2	iFrame present with no description	NA
Skip Link Present	2.4.1	Skip link present	Fail-needs skip link
Style Sheet Dependence	4.1.1	While a few elements don't work correctly, the page is overall navigable with CSS turned off.	pass
Timed Event Present	2.2.1	Image carousel	NA

## Page Manual Test Results

**Page:** Bully Free Zone

**Page URL:** <http://bullyfreezone.nv.gov/>

**Results:** This landing page features many helpful accessibility features, such as a skip to main content link and helpful page landmarks. There are a few errors that have been present on previous pages affecting this page, including the search form element not having associated instructions, which could be remedied by modifying the CMS template. There is a "Facebook Like 374" link that cannot be reached by tabbing through the page in IE/Chrome. Firefox displays the cursor focus over both the "Facebook Like 374" and the "Facebook Share" buttons, and nothing happens when you select it. Firefox also encounters difficulty in tabbing from the Twitter link to the two Facebook links, from Twitter it reverts you to the top of the page, takes two more tabs and then you are back down to the Facebook links. Color contrast issues similar to those noted on previous pages, including the main navigation bar and the lists of links to the right of the graphic. Regarding the image carousel on this page, it is not recommended to include images of text, such as the state of Nevada made of words. No

assistive technology can read what is inside the image, as well as upon magnification of the page text can get distorted.

**Screen Reader Results:** Using JAWS/IE there were a few image links at the top of the page that didn't get read, including the Nevada Dept. of Education and NV.gov links. After the About Nevada link JAWS reads the html coding for the Google Custom Search box. There is a keyboard trap after JAWS reads the script for the search box, causing the skip link to be read again and back through the top banner. Cannot get past the search box coding. JAWS also read the links hidden in the main navigation bar drop down menu, which is not best practice. Those links should only be available when the dropdown menu button has been activated. JAWS never reached the main graphic on the page, after reading the h1 heading Welcome to the "Bully Free Zone" it read the next h2 heading Report Bully Violations and then down the page skipping the image. After JAWS reads the Lesson Plans link at the bottom of the page there is a link that gets read to bullyfreezone.nv.gov which is not visible on the page. JAWS/Chrome encountered some issues around the NV.gov link with repeating the following links several times, same issue with the main navigation bar being read through repeatedly.

JAWS/Chrome skipped reading the graphic on the page.

Using NVDA/Firefox and NVDA/Chrome I could read through all the clickable items in the top banner, but NVDA read through the NV.gov link, Agencies, Jobs, About Nevada links all multiple times. Not a keyboard trap since the cursor can eventually make it out but it is confusing. NVDA also skips the graphic.

**Disabilities Impacted:** Users with low vision, no vision, color-blindness, cognitive disabilities, and motor disabilities.

Test Performed	Criterion	Description	Result – Pass/Fail
Language declared	3.1.1	Language declaration present	pass
Page Title	2.4.2	Title present	pass
Keyboard Navigation			
	1.3.2	Meaningful Sequence	pass
	2.1.2	No Keyboard Trap	<b>Fail-</b> In IE with JAWS you cannot get past the script for the google search box.
	2.4.3	Keyboard Focus (Hidden Parts)	<b>Fail-</b> "Facebook Like 374" link not reachable in IE or Chrome. Also links not read by screen reader.
	2.4.3	Keyboard Focus Order	<b>Fail-</b> Firefox reverts you from the bottom of the page to the top and back down again after the Twitter link.
	2.4.7	Keyboard Focus Visible – All Browsers	pass
Headings Present	1.3.1	Empty headings present on page	pass
Links			
	1.4.1	Identified by color only	pass
	2.4.4	Non-distinguishable	pass
		New window not indicated	pass

		Same page links work	pass
Graphics			
	1.1.1	Decorative Image? (empty alt attribute)	pass
	1.4.5	Review Alt (contextual)	pass
Color			
	1.4.1	Color (meaning)	pass
	1.4.3	Color (contrast)	<b>Fail</b> - top navigation bar, Report Bully Violations, What's New, Quick Tips, Contact all too low contrast compare to background
Tables			
	1.3.1	Tables Cell-header Mapping	NA
Forms			
	1.3.2	Logical Order	pass
	2.1.2	Navigate via Keyboard (no traps)	pass
	3.3.1	Error Identification	pass
	3.2.2	Forms (associated instructions)	<b>Fail</b> - Search box needs instructions posted above and to the left of the form field.
Multimedia Present		YouTube video present	NA
		Controls Usable	NA
		Audio (transcripts)	NA
		Video (descriptions)	NA
	1.2.1	Synchronized Media (captions)	NA
		Synchronized Media (descriptions)	NA
Resize Text	1.4.4	Browser resize works properly	pass
iFrames Present	4.1.2	iFrame present with no description	pass
Skip Link Present	2.4.1	Skip link present	pass
Style Sheet Dependence	4.1.1	While a few elements don't work correctly, the page is overall navigable with CSS turned off.	pass
Timed Event Present	2.2.1	Image carousel	<b>Fail</b> - needs controls to stop and start the flow of images. Also, the image carousel never gets read by NVDA or JAWS.

## Page Manual Test Results

**Page:** Bully Free Zone-Family Resources

**Page URL:** [http://bullyfreezone.nv.gov/Resources/Family\\_Resources/](http://bullyfreezone.nv.gov/Resources/Family_Resources/)



**Results:** This page demonstrates many aspects of accessible design, with just a few areas that could use some work. There is a Facebook Like button on this page that isn't reachable by keyboard, at the bottom of the page. Also, there are some color contrast issues detected by the WAVE toolbar which exist on the previously tested pages as well, could be remedied easily in the CMS template. Google search form needs instructions above and to the left of the box for all users to understand what the edit field is for. Placeholder text is not best practice as once the cursor is inside the box, the text disappears.

**Screen Reader Results:** JAWS/IE didn't read the first image Nevada Dept. of Education logo, nor the NV.gov logo link. JAWS cannot get past the search box, similar results as the previously tested page. JAWS read the html for the search box, and then takes you back to the Dept. of Education Bully Free Zone in the main banner. Because there is no way to proceed down the page it is a keyboard trap. JAWS read through the nested items in the main navigation drop down menu, which is not best practice. Those items should only be available once the button is activated. There is a significant amount of redundant links on this page, JAWS read the same links in the main navigation bar that can be found in the list of links in the left navigation bar, and the same links again at the bottom of the page. Would recommend consolidating or eliminating them, so users aren't confused thinking they may find additional information. For example, the Videos for Families link can be found in four different places all with the same URL.

JAWS/Chrome did read the Nevada Dept. of Education logo and the NV.gov logo. JAWS also repeatedly read through the links in the top banner, which could be confusing for a user with cognitive impairments.

NVDA/Firefox did read the Nevada Dept. of Education logo and the NV.gov image links. However, the reading kept cycling through the NV.gov, Agencies, Jobs, About Nevada, search box, ADA compliance links multiple times.

**Disabilities Impacted:** Users with low vision, no vision, color-blindness, cognitive disabilities, and motor disabilities.

Test Performed	Criterion	Description	Result – Pass/Fail
Language declared	3.1.1	Language declaration present	pass
Page Title	2.4.2	Title present	pass
Keyboard Navigation			
	1.3.2	Meaningful Sequence	pass
	2.1.2	No Keyboard Trap	Fail- JAWS and IE cannot read past the google search box.
	2.4.3	Keyboard Focus (Hidden Parts)	Fail- "Facebook Like 374" button unreachable by tabbing.
	2.4.3	Keyboard Focus Order	pass
	2.4.7	Keyboard Focus Visible – All Browsers	pass
Headings Present	1.3.1	Empty headings present on page	pass
Links			
	1.4.1	Identified by color only	pass
	2.4.4	Non-distinguishable	pass
		New window not indicated	pass
		Same page links work	pass
Graphics			
	1.1.1	Decorative Image? (empty alt attribute)	pass
	1.4.5	Review Alt (contextual)	pass
Color			
	1.4.1	Color (meaning)	pass

	1.4.3	Color (contrast)	Fail- main navigation bar, Family Resources list of links too low contrast ratio
Tables			
	1.3.1	Tables Cell-header Mapping	NA
Forms			
	1.3.2	Logical Order	pass
	2.1.2	Navigate via Keyboard (no traps)	pass
	3.3.1	Error Identification	pass
	3.2.2	Forms (associated instructions)	Fail-needs written instructions above and left of the search box
Multimedia Present		YouTube video present	NA
		Controls Usable	NA
		Audio (transcripts)	NA
		Video (descriptions)	NA
	1.2.1	Synchronized Media (captions)	NA
		Synchronized Media (descriptions)	NA
Resize Text	1.4.4	Browser resize works properly	pass
iFrames Present	4.1.2	iFrame present with no description	pass
Skip Link Present	2.4.1	Skip link present	pass
Style Sheet Dependence	4.1.1	While a few elements don't work correctly, the page is overall navigable with CSS turned off.	pass
Timed Event Present	2.2.1	Image carousel	NA

## Page Manual Test Results

**Page:** Contact NDE

**Page URL:** [http://www.doe.nv.gov/Contact/DOE\\_Website\\_Inquiries/](http://www.doe.nv.gov/Contact/DOE_Website_Inquiries/)

**Results:** This page should include a descriptive title, perhaps "Contact NDE" would be descriptive and brief. On this page with our automated tool there were three different examples of non-distinguishable links that appear once on the page, and then that same link is repeated three more times in the html for the page. Excellent job with the required fields turning red, but with a dashed outline instead of solid red. That allows even visitors with color blind impairments to know that there is something missing in that field. This page requires a skip to main content link.

**Screen Reader Results:** Page needs a title, as that is the first thing a screen reader reads. JAWS/IE could get through the form and submit a correct contact submission, as well as an invalid submission. Excellent job with the dialog box explicitly saying where the error is and then having the cursor focus go to the error once that dialog box is closed, very accessible. With NVDA/Firefox reading through the Google search box it was not descriptive enough, only reading "clickable edit" in the form field and "button search" for the magnifying glass button. NVDA/Firefox were also able to complete a form submission successfully, however you do have to use tab to get the entry field to become editable. JAWS/Chrome read through the Google search field, reading the placeholder text "Custom Search" and then "submit button" which is descriptive but could still benefit from explicit instructions. JAWS/Chrome were also able to successfully complete the form, both a valid and invalid entry. Good job having the instructions for the form fields reading they "cannot be blank" as that also helps guide users to important information they cannot skip over.

**Disabilities Impacted:** Users with low vision, no vision, color-blindness, cognitive disabilities, and motor disabilities.

Test Performed	Criterion	Description	
Language declared	3.1.1	Language declaration present	pass
Page Title	2.4.2	Title present	Fail-Needs a title that isn't the URL
Keyboard Navigation			
	1.3.2	Meaningful Sequence	Pass
	2.1.2	No Keyboard Trap	Pass
	2.4.3	Keyboard Focus (Hidden Parts)	pass
	2.4.3	Keyboard Focus Order	pass
	2.4.7	Keyboard Focus Visible – All Browsers	pass
Headings Present	1.3.1	Empty headings present on page	pass
Links			
	1.4.1	Identified by color only	pass
	2.4.4	Non-distinguishable	Fail- instances of non-distinguishable links exist in html.
		New window not indicated	pass
		Same page links work	pass
Graphics			
	1.1.1	Decorative Image? (empty alt attribute)	Fail-Google image in search bar needs alt tag so users know results populate from more than just the doe.nv.gov site. Magnifying glass button also needs alt tag.
	1.4.5	Review Alt (contextual)	pass
Color			
	1.4.1	Color (meaning)	pass
	1.4.3	Color (contrast)	Fail- color contrast issues exist on the main navigation bar, and the left navigation bar including all the list items.
Tables			
	1.3.1	Tables Cell-header Mapping	NA
Forms			
	1.3.2	Logical Order	pass
	2.1.2	Navigate via Keyboard (no traps)	pass
	3.3.1	Error Identification	pass
	3.2.2	Forms (associated instructions)	Pass- main form has associated

			instructions but Google Search field needs instructions
Multimedia Present		YouTube video present	NA
		Controls Usable	NA
		Audio (transcripts)	NA
		Video (descriptions)	NA
	1.2.1	Synchronized Media (captions)	NA
		Synchronized Media (descriptions)	NA
Resize Text	1.4.4	Browser resize works properly	pass
iFrames Present	4.1.2	iFrame present with no description	NA
Skip Link Present	2.4.1	Skip link present	Fail-needs a skip to main content link
Style Sheet Dependence	4.1.1	While a few elements don't work correctly, the page is overall navigable with CSS turned off.	pass
Timed Event Present	2.2.1	Image carousel	NA

## Page Manual Test Results

**Page:** Bullying Videos for Families

**Page URL:** <http://bullyfreezone.nv.gov/Resources/Family/Videos/>

**Results:** This page produced similar results regarding accessibility issues to the previously tested pages. Facebook Like-374 button is not reachable by the keyboard only, there would be no way to like the page without using a mouse. Also, there were issues with the color contrast ratio in areas like the top navigation bar, the left navigation bar, and the list of videos under the h1 heading Bullying Videos for Families. Although there is a white box in front of the background where the text is sitting, the WAVE toolbar is still showing a contrast ratio for the video links as a 1.27:1 ratio because the background is also that blue color. Perhaps the white box is just a style choice, which could pose issues for those using older browsers to view the page. Excellent work posting videos that include transcripts for the audio as well as image descriptions for those with visual impairments. The only video needing transcripts was Bully Master Video, which can be done easily within Vimeo. Remember to include a description of the images in the videos for users with visual impairments, can be brief but everyone needs to have the same experience watching those linked videos.

**Screen Reader Results:** Using JAWS/IE produced similar results at the top banner as previously noted, the screen reader skips the Nevada Dept. of Education logo and the NV.gov logo. JAWS also read the coding for the Google Custom Search box instead of just saying Custom Search, which would not be understandable for a screen reader user. The cursor focus gets trapped because JAWS keeps cycling through the top banner and the google search coding, never getting to the ADA compliance logo. JAWS also read through all the hidden nested items beneath the main navigation buttons, which is not best practice. Because all the same links are listed at the bottom of the page it is confusing and makes the listener think they skipped the entire main content region. JAWS was able to get to all the video players and stop/start them, as well as control the audio level. NVDA/Firefox read through all the content in the banner, including the two logos JAWS skipped. When NVDA encountered the NV.gov logo it read through the Agencies, Jobs, About Nevada links all the way down to the ADA compliance logo, and then back to Agencies. Could be a little confusing for someone with cognitive impairments since you are reading the same links multiple times. NVDA/Firefox also were able to successfully reach the videos and stop/start the flow of content. NVDA with Firefox/Chrome did require you to hit tab once after it read the video name for it to receive cursor focus to select it, but that is acceptable.

**Disabilities Impacted:** Users with low vision, no vision, color-blindness, deaf or hard of hearing, cognitive disabilities, and motor disabilities.

Test Performed	Criterion	Description	Result –
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			<b>Pass/Fail</b>
Language declared	3.1.1	Language declaration present	pass
Page Title	2.4.2	Title present	pass
Keyboard Navigation			
	1.3.2	Meaningful Sequence	pass
	2.1.2	No Keyboard Trap	<b>Fail</b> - JAWS and IE cannot get past Google Search box coding.
	2.4.3	Keyboard Focus (Hidden Parts)	<b>Fail</b> -Facebook Like 374 button not reachable by keyboard.
	2.4.3	Keyboard Focus Order	pass
	2.4.7	Keyboard Focus Visible – All Browsers	pass
Headings Present	1.3.1	Empty headings present on page	pass
Links			
	1.4.1	Identified by color only	pass
	2.4.4	Non-distinguishable	pass
		New window not indicated	Pass-good work listing external links
		Same page links work	pass
Graphics			
	1.1.1	Decorative Image? (empty alt attribute)	pass
	1.4.5	Review Alt (contextual)	pass
Color			
	1.4.1	Color (meaning)	pass
	1.4.3	Color (contrast)	<b>Fail</b> -navigation bars, Bullying Videos links all too low contrast ratio
Tables			
	1.3.1	Tables Cell-header Mapping	NA
Forms			
	1.3.2	Logical Order	pass
	2.1.2	Navigate via Keyboard (no traps)	pass
	3.3.1	Error Identification	pass
	3.2.2	Forms (associated instructions)	<b>Fail</b> - Google Search field needs instructions posted above and to the left.
Multimedia Present		YouTube video present	pass
		Controls Usable	pass
		Audio (transcripts)	<b>Fail</b> - Bully Master Vimeo video needs transcripts for audio

		Video (descriptions)	Fail- all videos need descriptions of the images on screen for users with visual impairments.
	1.2.1	Synchronized Media (captions)	NA
		Synchronized Media (descriptions)	NA
Resize Text	1.4.4	Browser resize works properly	pass
iFrames Present	4.1.2	iFrame present with no description	pass
Skip Link Present	2.4.1	Skip link present	pass
Style Sheet Dependence	4.1.1	While a few elements don't work correctly, the page is overall navigable with CSS turned off.	pass
Timed Event Present	2.2.1	Image carousel	NA

## Page Manual Test Results

**Page:** eNote Tracker and ePage

**Page URL:** <http://www.doe.nv.gov/Resources/Tools/>

**Results:** This page includes some excellent aspects of accessible website design, such as listing when links will take you to an external site, as well as making good use of heading structures. There are only a few areas that could use some more attention. The title on this page could be more descriptive, as it doesn't tell you anything more than "Tools." As noted on previously tested pages, our automated tool picks up multiple instances of non-distinguishable links on the page that are visible, as well as duplicated in the html coding for the page. Would recommend going in and either consolidating or eliminating the duplicates. The image Google inside of the search box, and the magnifying glass button on this page need alt tags, in order for all users to know what the search box is for. Without knowing it is a google search box there is no way to tell what to enter, and when the results populate a user wouldn't know there are results from more than just the [www.doe.nv.gov](http://www.doe.nv.gov) webpage. Although the google search box needs better associated instructions, those found in the eNote Tracker login page do satisfy the guidelines. The login page for eNote Tracker lists required fields will have a \* by them, however neither edit field have the \*.

**Screen Reader Results:** NVDA and Firefox/Chrome were able to click on all the links, and open the PDF's or flipbooks with more information. NVDA was able to read into the PDF's and slides, and navigate down the documents, but was unable to reach the X to close the window.

JAWS/IE were not able to read into the document/slides or close the PDF window. Both screen readers were able to access the eNote Tracker login screen and make attempts at logging in. Good use of error identification telling you where the error is and bringing cursor focus to that error field.

**Disabilities Impacted:** Users with low vision, no vision, color-blindness, cognitive disabilities, and motor disabilities.

Test Performed	Criterion	Description	Result – Pass/Fail
Language declared	3.1.1	Language declaration present	pass
Page Title	2.4.2	Title present	pass
Keyboard Navigation			
	1.3.2	Meaningful Sequence	pass
	2.1.2	No Keyboard Trap	pass
	2.4.3	Keyboard Focus (Hidden Parts)	pass
	2.4.3	Keyboard Focus Order	pass
	2.4.7	Keyboard Focus Visible – All Browsers	pass
Headings Present	1.3.1	Empty headings present on page	pass
Links			

	1.4.1	Identified by color only	pass
	2.4.4	Non-distinguishable	<b>Fail</b> - multiple instances of Accountability, English Language Learners, and School Improvement exist on page and in coding with different URL's.
		New window not indicated	<b>Fail</b> -PDF's on this page should say they are PDF's or that they open a new window.
		Same page links work	pass
Graphics			
	1.1.1	Decorative Image? (empty alt attribute)	<b>Fail</b> -Google placeholder image in Custom Search box needs an alt tag, as well as the magnifying glass button.
	1.4.5	Review Alt (contextual)	pass
Color			
	1.4.1	Color (meaning)	pass
	1.4.3	Color (contrast)	<b>Fail</b> -navigation bars, eNote and ePage links and headings too low contrast ratio against background.
Tables			
	1.3.1	Tables Cell-header Mapping	NA
Forms			
	1.3.2	Logical Order	Pass
	2.1.2	Navigate via Keyboard (no traps)	pass
	3.3.1	Error Identification	pass
	3.2.2	Forms (associated instructions)	pass
Multimedia Present		YouTube video present	NA
		Controls Usable	NA
		Audio (transcripts)	NA
		Video (descriptions)	NA
	1.2.1	Synchronized Media (captions)	NA
		Synchronized Media (descriptions)	NA
Resize Text	1.4.4	Browser resize works properly	pass
iFrames Present	4.1.2	iFrame present with no description	NA

Skip Link Present	2.4.1	Skip link present	Fail-needs a skip link
Style Sheet Dependence	4.1.1	While a few elements don't work correctly, the page is overall navigable with CSS turned off.	pass
Timed Event Present	2.2.1	Image carousel	NA

## Page Manual Test Results

**Page:** Newsroom

**Page URL:** [http://www.doe.nv.gov/News\\_\\_Media/Home/](http://www.doe.nv.gov/News__Media/Home/)

**Results:** Although there is a title present on this page, it is only “Home” which would be misleading if someone thought they were on the homepage of the site. Titling the page “Newsroom” would be more descriptive. This page does have links only established by color, however they exist within the Twitter frame which is external content. This is also the case for links that open into a new window without any indication, there are many that exist on this page but within the Twitter frame. It is now possible to enter alternative text to images on Twitter, which should be done for the @NevadaReady account. Our automated tool found multiple instances of non-distinguishable links on the page and within the html coding. There are many areas on this page where the color contrast does not satisfy the guidelines. Some have been mentioned on previous pages, as well as the list of Current Press Releases with a contrast ratio of 1.92:1.

**Screen Reader Results:** JAWS/IE read through all the clickable areas on the top banner, and didn't encounter issues with the Google search box. It read the search edit box as “Search Edit” and the button as “search button.” JAWS alerted me mid-way through the page there was a new tweet, which is excellent. Great way to make sure everyone has the same experience on the page. As JAWS was reading through the page it read under the Communication h2 heading “Mulitmedia” so that may be a typo for Multimedia.

NVDA/Firefox also read through all the clickable items in the top banner. The search box was not descriptive enough, reading “clickable edit” and “button search.” JAWS/Chrome read all the bullet points on the page as “black square link.”

**Disabilities Impacted:** Users with low vision, no vision, color-blindness, cognitive disabilities, and motor disabilities.

Test Performed	Criterion	Description	Result – Pass/Fail
Language declared	3.1.1	Language declaration present	pass
Page Title	2.4.2	Title present	Pass- needs a more descriptive title
Keyboard Navigation			
	1.3.2	Meaningful Sequence	pass
	2.1.2	No Keyboard Trap	pass
	2.4.3	Keyboard Focus (Hidden Parts)	pass
	2.4.3	Keyboard Focus Order	pass
	2.4.7	Keyboard Focus Visible – All Browsers	pass
Headings Present	1.3.1	Empty headings present on page	pass
Links			
	1.4.1	Identified by color only	Pass-Twitter frame has links only identified by color.
	2.4.4	Non-distinguishable	Fail- multiple instances of Accountability, English Language



			Learners and School Improvement
		New window not indicated	Pass- Twitter frame has links that open in a new window without warning.
		Same page links work	pass
Graphics			
	1.1.1	Decorative Image? (empty alt attribute)	pass
	1.4.5	Review Alt (contextual)	pass
Color			
	1.4.1	Color (meaning)	<b>Fail-</b> The nested links under the Newsroom link in the left navigation bar are left grey to signify they are related pages to the one you are currently on. Would recommend using a different style choice such as bold to set them apart.
	1.4.3	Color (contrast)	<b>Fail-</b> several areas of low color contrast, including the Current Press Release links
Tables			
	1.3.1	Tables Cell-header Mapping	NA
Forms			
	1.3.2	Logical Order	pass
	2.1.2	Navigate via Keyboard (no traps)	pass
	3.3.1	Error Identification	pass
	3.2.2	Forms (associated instructions)	<b>Fail-</b> Google search box requires associated instructions above and to the left of the edit field.
Multimedia Present		YouTube video present	NA
		Controls Usable	NA
		Audio (transcripts)	NA
		Video (descriptions)	NA

	1.2.1	Synchronized Media (captions)	NA
		Synchronized Media (descriptions)	NA
Resize Text	1.4.4	Browser resize works properly	pass
iFrames Present	4.1.2	iFrame present with no description	pass
Skip Link Present	2.4.1	Skip link present	Fail- page requires a skip to main content link
Style Sheet Dependence	4.1.1	While a few elements don't work correctly, the page is overall navigable with CSS turned off.	pass
Timed Event Present	2.2.1	Image carousel	NA