

# University of Florida McTrans Center Accessibility Conformance Report

## Revised Section 508 Edition

(Based on VPAT® Version 2.5)

**Name of Product/Version:** Highway Capacity Software (HCS 8 Versions)

**Report Date:** 9/24/2024

**Product Description:** The Highway Capacity Software (HCS) is developed and maintained by McTrans as part of its user-supported software maintenance as a faithful implementation of the Highway Capacity Manual (HCM) procedures. It is a desktop application that requires input of data. This release of the Highway Capacity Software (HCS 8 Versions) includes updated modules to implement the Highway Capacity Manual 7th Edition procedures for Signalized Intersections, Urban Streets, Urban Streets Reliability, Alternative Intersections, Roundabouts, Two-Way Stop Control and All-Way Stop Control, Freeway Facilities, Freeway Reliability, Basic Freeway Segments, Freeway Weaving Segments, Freeway Merge & Diverge Segments, and Multilane Highways.

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**Evaluation Methods Used:** Testing is based on general product knowledge.

## Applicable Standards/Guidelines

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

Standard/Guideline	Included In Report
<a href="#">Web Content Accessibility Guidelines 2.0</a>	Level A (No) Level AA (No) Level AAA (No)
<a href="#">Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018</a>	(Yes)

## Revised Section 508 Report

Notes:

### Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does Not Support	All modules within HCS require vision to enter data inputs and generate results.
302.2 With Limited Vision	Partially Supports	
302.3 Without Perception of Color	Supports	
302.4 Without Hearing	Not Applicable	
302.5 With Limited Hearing	Not Applicable	
302.6 Without Speech	Not Applicable	
302.7 With Limited Manipulation	Partially Supports	Motor skills such as typing on a keyboard and using a computer mouse are necessary for software use.
302.8 With Limited Reach and Strength	Supports	
302.9 With Limited Language, Cognitive, and Learning Abilities	Does Not Support	Traffic engineering terminology and concepts are necessary to understand and interpret software use and results.

## Chapter 4: [Hardware](#)

Notes: Not applicable, section removed

## Chapter 5: [Software](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	Not Applicable	
<b><a href="#">502 Interoperability with Assistive Technology</a></b>	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not Applicable	
502.2.2 No Disruption of Accessibility Features	Supports	
<b><a href="#">502.3 Accessibility Services</a></b>	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Supports	Help provided for every feature
502.3.2 Modification of Object Information	Supports	Data validation to ensure correct inputs
502.3.3 Row, Column, and Headers	Supports	
502.3.4 Values	Supports	
502.3.5 Modification of Values	Supports	
502.3.6 Label Relationships	Supports	
502.3.7 Hierarchical Relationships	Not Applicable	
502.3.8 Text	Supports	
502.3.9 Modification of Text	Supports	
502.3.10 List of Actions	Supports	
502.3.11 Actions on Objects	Supports	
502.3.12 Focus Cursor	Supports	
502.3.13 Modification of Focus Cursor	Supports	
502.3.14 Event Notification	Supports	
502.4 Platform Accessibility Features	Not Applicable	
<b><a href="#">503 Applications</a></b>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Partially Supports	Reports within modules allow zoom levels for better viewing of results with respect to font size.

Criteria	Conformance Level	Remarks and Explanations
503.3 Alternative User Interfaces	Not Applicable	
<b>503.4 User Controls for Captions and Audio Description</b>	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	
503.4.2 Audio Description Controls	Not Applicable	
<b>504 Authoring Tools</b>	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	
504.2.2 PDF Export	Not Applicable	
504.3 Prompts	Not Applicable	
504.4 Templates	Not Applicable	

## Chapter 6: [Support Documentation and Services](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
<b>601.1 Scope</b>	Heading cell – no response required	Heading cell – no response required
<b>602 Support Documentation</b>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Partially Supports	Chapter 4 not applicable; keyboard commands/shortcuts provided in help files and users’ guides of modules
602.3 Electronic Support Documentation	Not Applicable	
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Support can be provided via phone
<b>603 Support Services</b>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Partially Supports	See Remarks and Explanations for 602.2
603.3 Accommodation of Communication Needs	Partially Supports	Accommodation via request on our support channels