

STUDY GUIDE FOR THE NBCS MINIMUM STANDARDS

This is a study guide for the “**Functional Classification**” and “**Minimum Standards**,” otherwise known as **Nebraska Administrative Code, Title 428, Chapters 1 & 2** (a green-covered book updated 5-17-16). These Standards are available on our website at <https://dot.nebraska.gov/media/1z1n5kmb/nac-428-rules-regs-nbcs.pdf> along with narrated video’s explaining the Functional Classification system and the Minimum Standards, at <https://dot.nebraska.gov/>

- Under the “**Business Center**” icon in the middle of the page
- Click on “**Local Assistance**”
- Click on “**Liaison Services**” on left side
- From the *Boards- Liaison Services* main page, click on “**Training**,” and under “**Highways, Roads and Streets Training by Topic**”, click on #3, **Classification & Standards**,” where you will find a series of videos explaining the statutory and regulatory requirements for Nebraska’s classifications system and its minimum standards.

How 428 NAC 1 and 428 NAC 2 are Organized:

Chapter 1 Procedures for Classifications

- (Pages 1 – 20) Nebraska’s **State** Functional Classification System Criteria
 - Find the **State & National** Functional Classification map of the county you live in. State and National Functional Classification System maps can be found at <https://dot.nebraska.gov/> under “Travel”, “Map Library.” On the left side, click on: **State & National Functional Classification - Maps by City (or Maps by County)**.
 - Find the **National** Functional Classification (referenced in the Standards) at https://www.fhwa.dot.gov/planning/processes/statewide/related/highway_functional_classifications/fcauab.pdf (**Focus on pages 14 – 18**)

Chapter 2 Procedures for Standards

- (Pages 1 – 4) Intent of the Board; Abbreviations; and Symbols
- (Pages 5 – 34) State Highway Minimum Design Standards (glance over, don’t spend a lot of time)
- (Pages 35 – 86) County Road and Municipal Street Minimum Design Standards
 - Definitions, starting on page 36 (**39** main definitions found in the following categories (**6**)) as follows:
 - 001.03A1 Types of Work
 - 001.03A2 Areas
 - 001.03A3 Traffic Volume
 - 001.03A4 Roadway
 - 001.03A5 Structures and Crossing
 - 001.03A6 Design Criteria
 - General Notes (**22**), starting on page 47. These are important. They have minimum requirements as well as flexibilities and project cost savings; they are considered part of the tables (see below).
 - Tables (**15**) (starting on page 55): 4 Urban, 4 Rural, 4 Scenic-Recreation, Low Water Stream Crossings and Fords, Minimum Maintenance Roads, Remote Residential Roads
 - **Design Criteria (13)** in left column of the 4 Urban, 4 Rural, and 4 Scenic-Recreation tables.
 - **New & Reconstructed Work** design criteria in center column of the 4 Urban, 4 Rural, and 4 Scenic-Recreation tables.
 - **3R Work** design criteria in right column of the 4 Urban, 4 Rural, and 4 Scenic-Recreation tables.
- (Page 87) Minimum Construction Standards (all state functional classifications)
- (Pages 88 – 91) Minimum Maintenance Standards (all state functional classifications)
- (Pages 92 – 94b) Relaxation of Standards Request
- (Pages 95 – 96) Inspections