

## Syntax Problem #12

### Objectives

1. Practice writing and running Python code
2. Use File I/O for input into program
3. Using computer programming techniques learned in Python syntax

**Due by the end of class.**

### Problem

1. Write a Python program that will plot US Interstate highways in red for a Midwest region. Use a Lambert Conformal projection for plotting.

Interstate Highways can be identified where the column labeled RTTYP has a value of I

File available in `/archive/courses/met330/tl_2021_us_primaryroads.zip`

### Notes:

- Save the image as **roads.png**
- Make sure documentation (e.g., comment block and comments throughout code) is present in your source code
- Make output informative so that anyone running your program understand what is being produced without seeing the assignment.
- Name the program **syntax12\_<username>.py** and place a copy in `/archive/courses/met330/syntax_problems`