TOPICS: Quantitative and computerized techniques for **planning**, **designing**, and **operating** transportation systems considering

- System capacities and flows
- Large scale and urban freight; Public Transportation Systems
- Adopting state-of-the art theories

Summer 2013

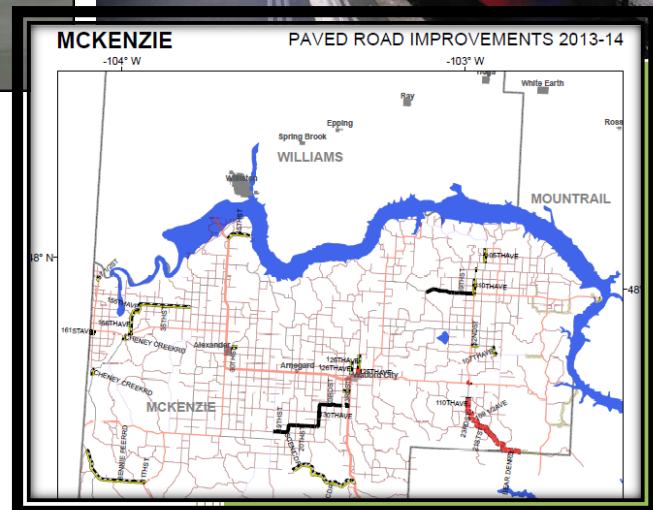**(June 12 – August 2)**

TL753 Transportation System Modeling

Course Delivery:
Lecture: based on Modeling Transport (Ortuzar and Willumsen) & Transportation System Analysis (Cascetta)
Lab: using CUBE® Emerging Transportation Planning Software (www.citilabs.com)

Other components:

- Economic Growth Factors for Trip Generation
- Gravity Trip Distribution
- Discrete Mode Choice
- Equilibrium & Dynamic Trip Assignment
- Model Validation using Traffic Counters

Instructor: Dr. EunSu Lee

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