



What to Expect in Your First Years as a Transportation Professional

A Conversation with FAU Students



Getting to Know You

- Undergrad | Grad Student | Professional
- Public | Private Sector | Academic
- Engineer | Planner | Data Scientist | *unsure*
- A Question or Two

A Quick Introduction

20 Years of Industry Experience

PE / PTOE

Active WTS / ITE member

Mom / Business Owner

Occasional Mentor / Lifelong Mentee

Today's Conversation



Sample Projects

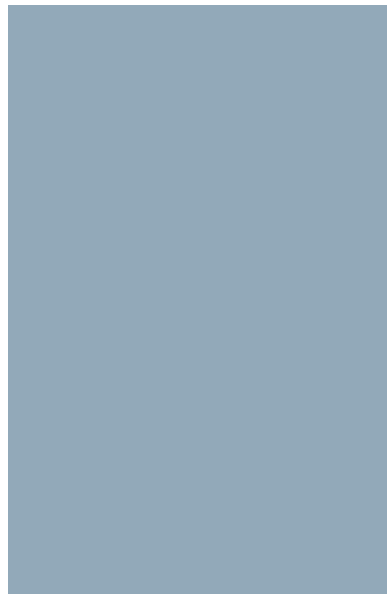
Traffic Impact Analysis
Traffic Calming Study
Safety Study
Parking Study
Design Traffic Development



Reminders for when you're...

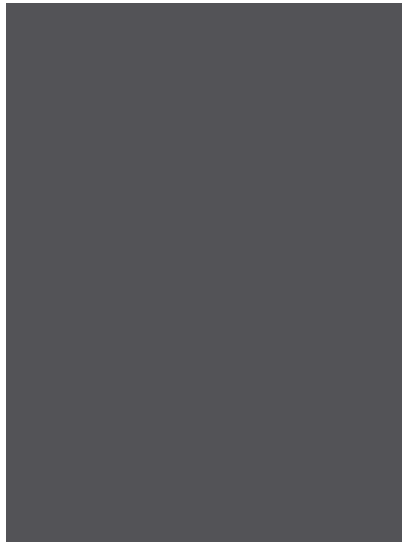
Interviewing
Selecting a Company/Agency
Transitioning to Work

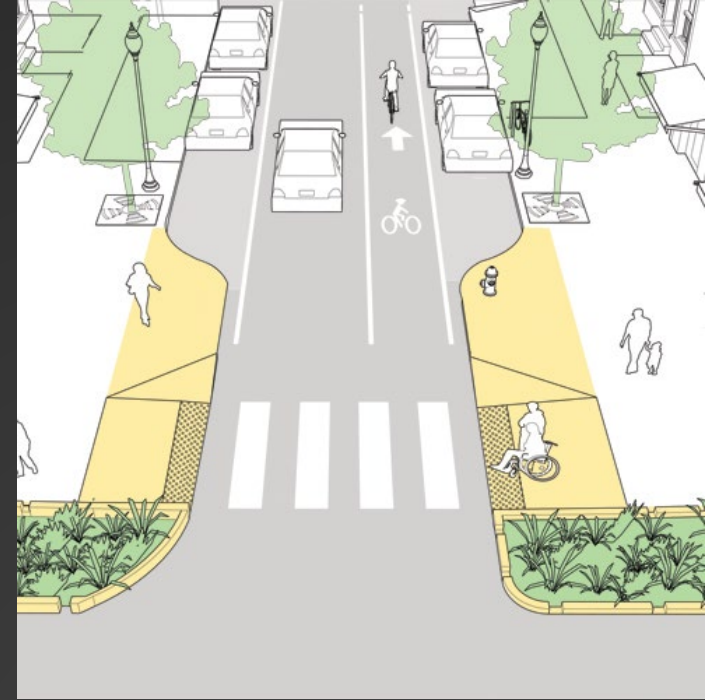
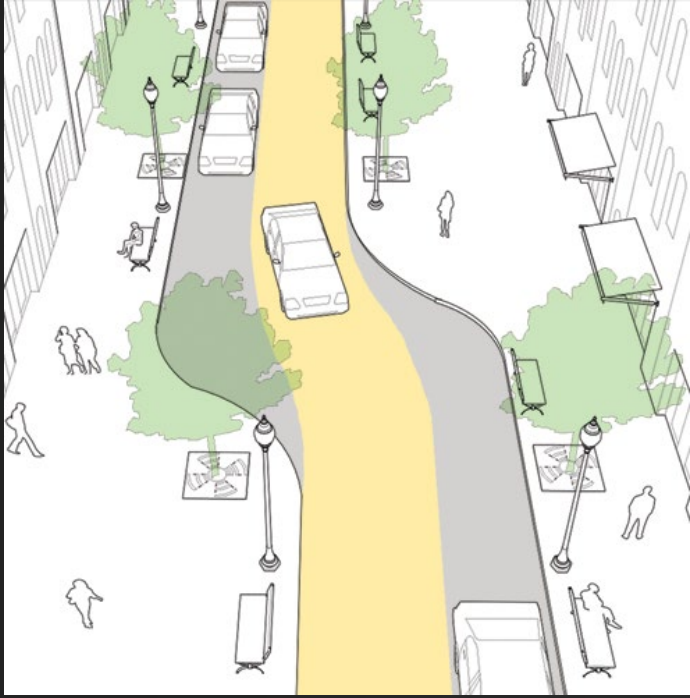
Photo credits: NACTO, stock images, personal file



Traffic Impact Analysis

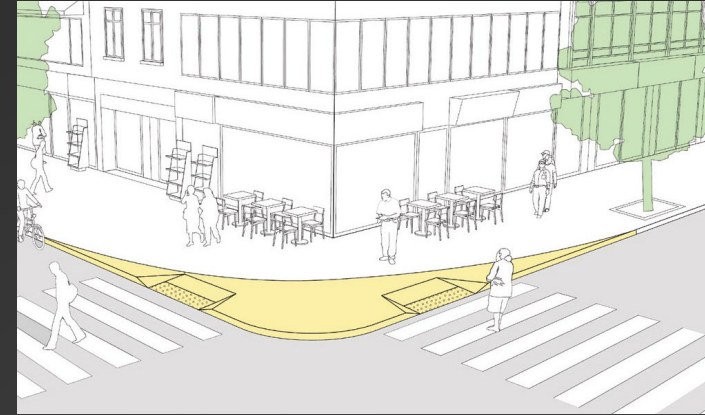
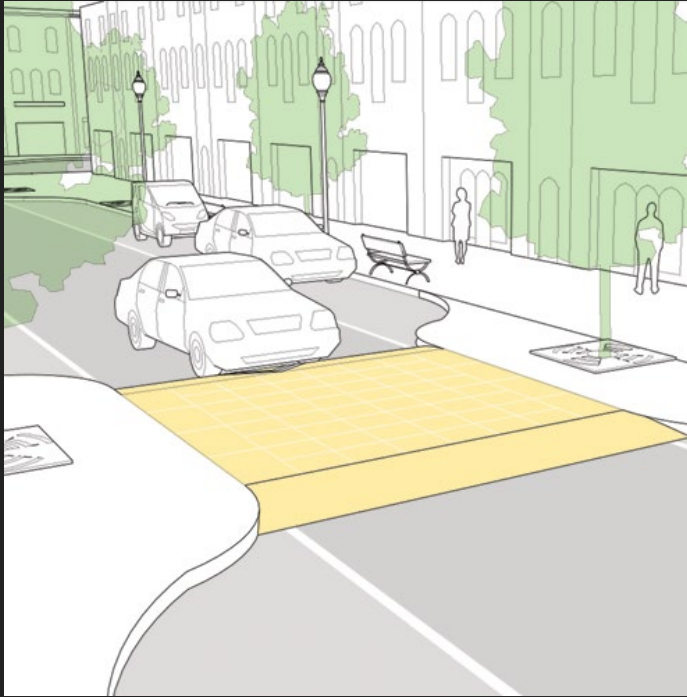
- Trip Generation and Distribution
- Traffic Assignment
- Background and “Total” Traffic
- Impact Assessment
- Mitigations Identification





Traffic Calming Study

- Speed Management Strategies
- Chicanes
- Street Closure
- Curb Extensions



Traffic Calming Study

- Speed Humps / Speed Cushions
- Raised Crosswalks or Intersections
- Curb Extensions
- Effectiveness Evaluation
- Program/ Process



Parking Study

- Parking Demand
- Reduction Justification
- Shared Parking



Safety Study

- Crash Database
- Crash Diagrams
- Mitigation Measures
- Vision Zero Action Plan





Design Traffic Development

- Short- and Long-Term
- Historical Trend
- Socioeconomic Data
- Travel Demand Modeling
- Growth Rate Recommendation



Transitioning to Professional Life

Resume Tips



Do not “stretch the truth”



Include non-school email address



Include an updated LinkedIn profile



Make sure “reference available upon request” is true



When Interviewing

- Sell yourself!
- Practice firm handshakes & making eye contacts
- Be prepared to ask lot of questions
- Be attentive
- Hand write thank-you notes

Online Interview Tips



Dress well, avoid loud prints or patterns



Check lighting, equipment, and background



Arrive slightly early (5-10 mins)



When unsure, ask how the interviewer likes to be addressed



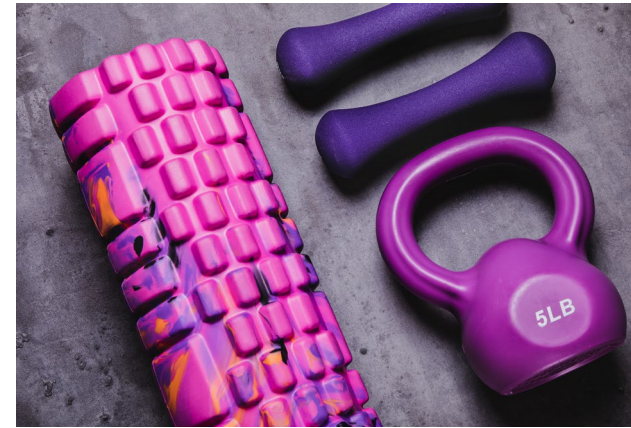
Turn off all notifications on phone/laptop/tablet



Ask questions



Think about learning/
advancement
opportunities



Understand benefits
package



Know the types of
projects



Ask about expected
roles/responsibilities



Meet your “boss” and
colleagues

When Evaluating a Company

Transitioning to Work



Be humble



Have empathy and
perspective



Continue to network
and learn



Take responsibility
when wrong, correct and
learn



Master your current role, stick to the scope, but think beyond the task



Know when to ask for help, it's not a sign of weakness



Learn the business of Engineering; learn to sell



Understand clients'/boss' motivations/goals

Transitioning to Work



Contact Info

thuha.nguyen@viaplanning.com

954-560-5251