

CE 474

Class 37

18 November 2015



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Idaho Transportation Board



Chairman's Message

The Idaho Transportation Board is a seven-member panel of citizens appointed by the Idaho Governor and confirmed by the Idaho Senate. The transportation board is vested with authority, control, supervision and administration of the Idaho Transportation Department.

One of the critical roles of the board is to select and fund statewide transportation projects. Improving and maintaining Idaho's infrastructure is a key component of Governor C.L. "Butch" Otter's vision to strengthen and diversify the state's economy through his Project 60 initiative. Project 60 is a plan to grow Idaho's gross domestic product and services to the world. Without a strong, efficient transportation system, this will not be possible. [More ...](#)

Meeting Schedule & Agendas



Click for info on projects near you

- [North Idaho](#)
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- [Southwest Idaho](#)
- [South-Central Idaho](#)
- [Southeast Idaho](#)
- [East Idaho](#)

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Class 36 (11.16)

Build VISSIM network for system

Do: AC04 (due 11.19)

[Slides](#)

Class 37 (11.18)

Build VISSIM network for system

Do: AC04 (due 11.19)

Slides

Class 38 (11.19)

Split time analysis

Do: AC06 (due 11.30)

Slides

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Class 39 (11.30)

Cycle length analysis

Do: AC07 (due 12.07)

Class 40 (12.02)

Exam #2

Study guide

Class 41 (12.03)

Offset analysis

Do: AC08 (due 12.07)

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Class 42 (12.07)

Analyze data and prepare design

Class 43 (12.09)

Analyze data and prepare design

Class 44 (12.10)

Design project #2 presentation

What is due and when...

Due Thursday (11.19)

- AC05: CMA results and brief analysis. Submit Excel file to BBL by 800 am
- AC04: Submit tasks 6 and 7 due at the end of lab (1130 am) to BBL

Due Monday (11.30)

- AC06: Submit to BBL by 200 pm

Activity C04

- Task 3: Check that coordination has been properly set
- Task 4: Set simulation parameters
- Task 5: Set evaluation parameters
- Task 6: Collect data and prepare summaries
- Task 7: Evaluation and report

Task 6. Collect data and prepare summaries.

- Run the simulation.
- Export Node data and Travel Time data by selecting “Save to File” in both list windows.
- Prepare summary tables for the delay data, the stop data, and the travel time data for each movement at each intersection and for each intersection as a whole.
- Prepare a summary table for the volume data for each movement at each intersection. Convert the number of vehicles to an hourly flow rate noting that your data are for 3300 seconds and not a complete hour.

Task 7. Complete evaluation and prepare report.

- Prepare answers to the following questions:
 - Describe the traffic operational problems based on your observation of the VISSIM animation.
 - Describe the traffic operational problems based on the delay and stops data.
- Prepare an Excel spreadsheet with the following information:
 - Tables prepared in Task 6.
 - Answers to the questions listed above.