



Introduction to Transportation Systems

SUMMARY

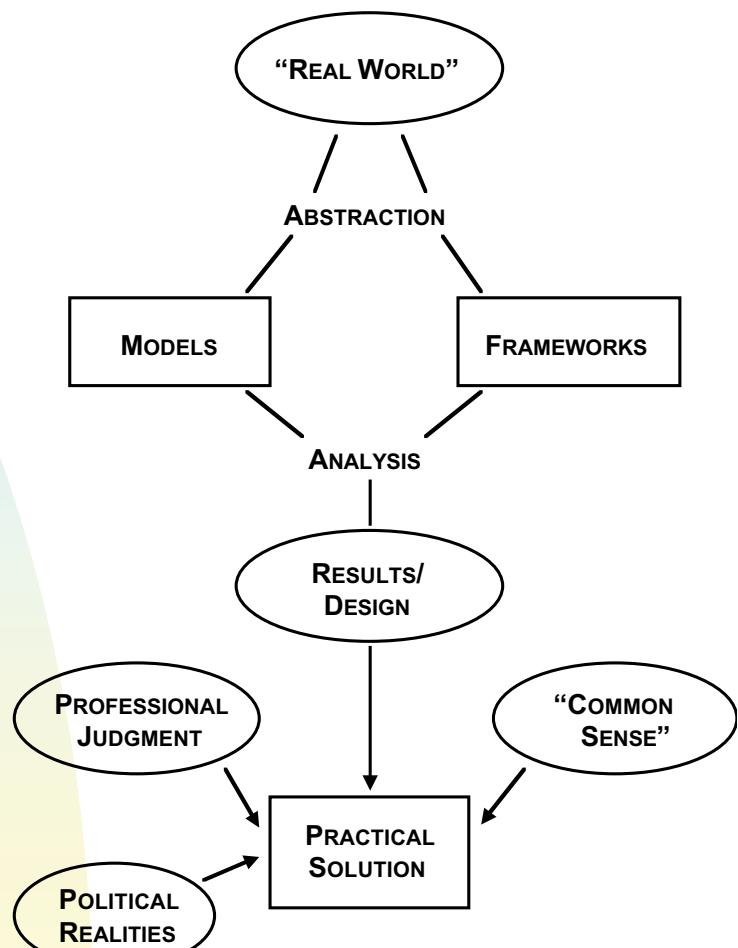
NOTE TO INSTRUCTORS: *These slides cover major ideas from the course, and should be supplemented with other materials presented by the instructor.*

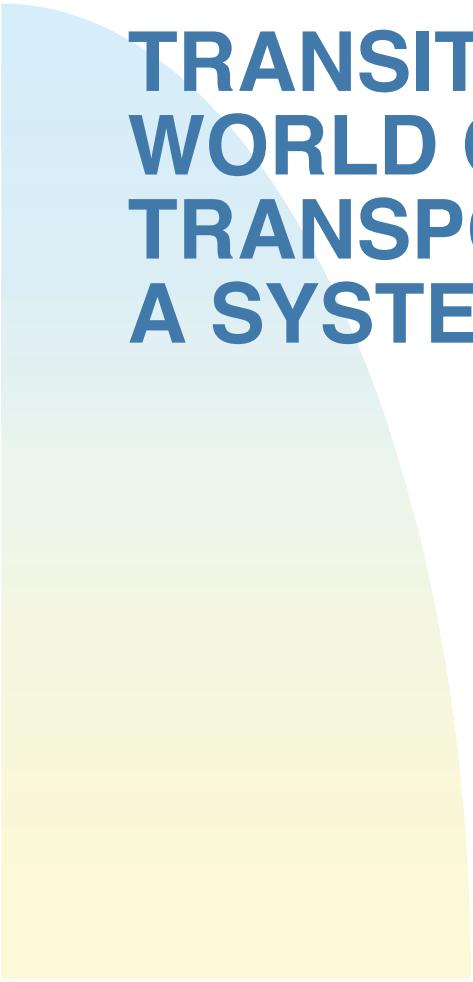
SO WHERE HAVE WE BEEN IN 1.221?

- ◆ Concepts
 - ◆ CLIOS
 - ◆ 30 Key Points
- ◆ Freight Transportation
 - ◆ Total Logistics Costs (TLC)
 - ◆ LOS for freight modes
 - ◆ Operating issues
- ◆ Traveler Transportation
 - ◆ Automobiles
 - ◆ Urban Form and Transportation
 - ◆ ITS
 - ◆ Urban Public Transportation
 - ◆ Megacities
 - ◆ Intercity Traveler Transportation--Air, Amtrak, e.g.

SOME EMPHASIZED POINTS

- ◆ The Triplet of Technology/Systems/Institutions
- ◆ Level-of-Service (LOS)--freight and travelers--the importance of the customer
- ◆ The Cost/LOS trade-off
- ◆ Supply/Demand/Equilibrium
- ◆ The Vehicle-cycle
- ◆ Transportation as a component of a larger social-political-economic system--a force for good and otherwise

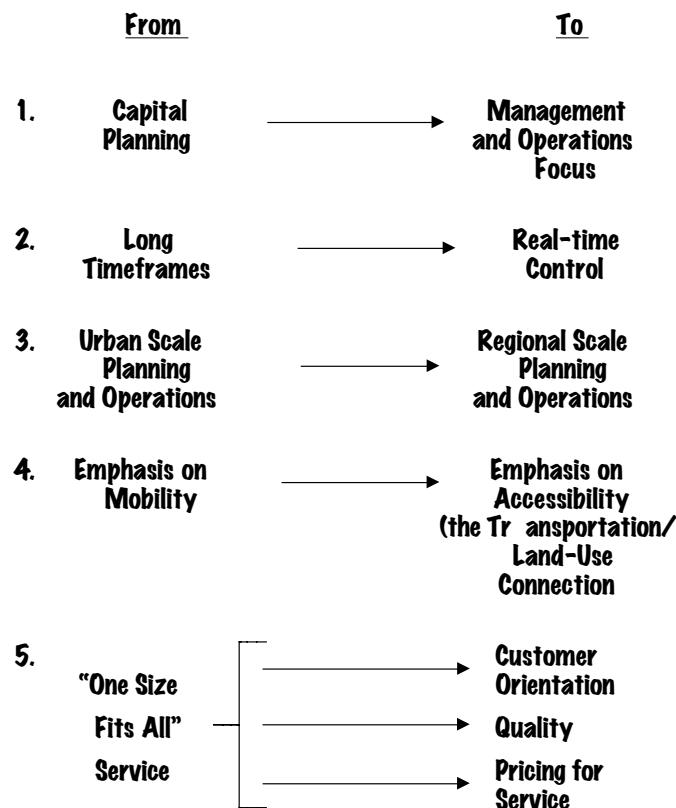




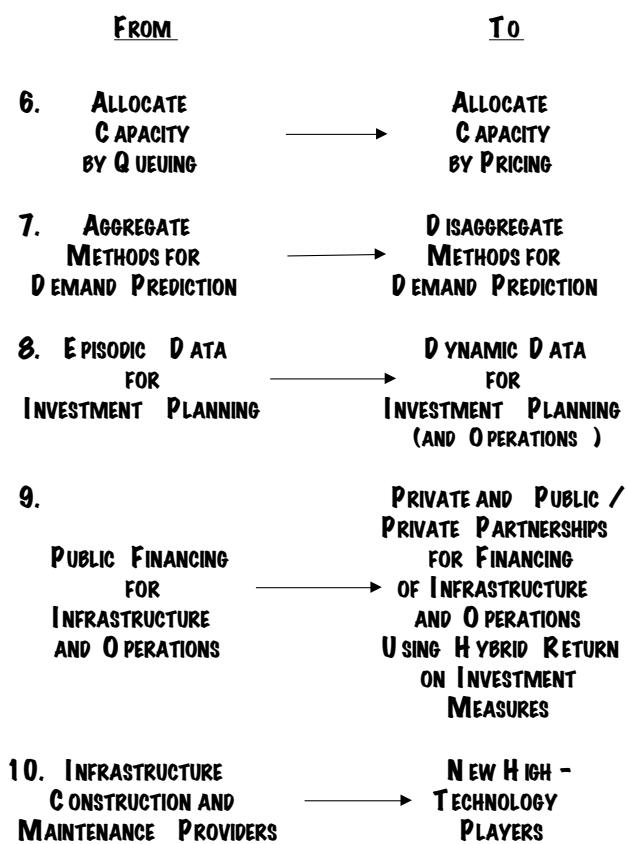
TRANSITIONS IN THE WORLD OF TRANSPORTATION: A SYSTEMS VIEW

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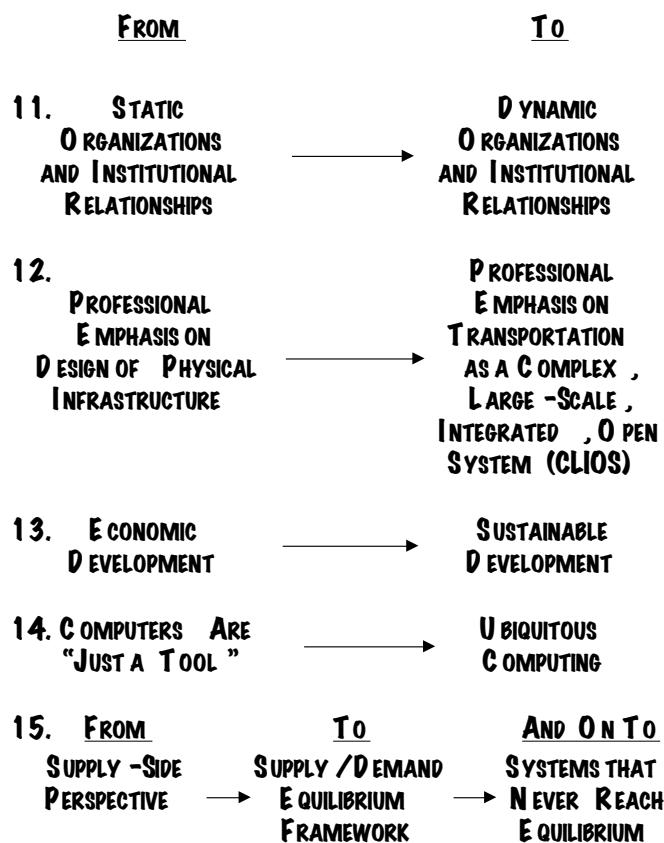
SUMMARY OF TRANSITIONS



SUMMARY OF TRANSITIONS (CONTINUED)



SUMMARY OF TRANSITIONS (CONTINUED)



SUMMARY OF TRANSITIONS (CONTINUED)

