

MPO/RPA Quarterly Meeting June 20, 2017



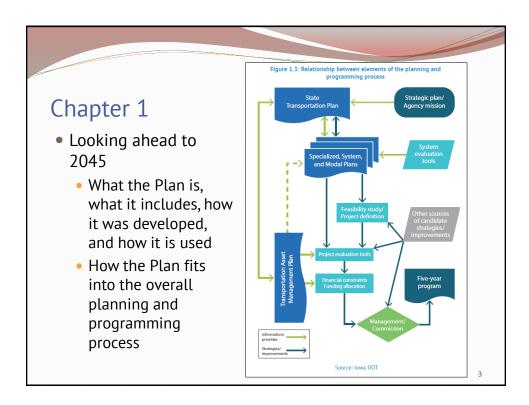
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2017 State Transportation Plan

- Approved by Iowa DOT Commission on May 9, 2017
- Full plan available at www.iowadot.qov/iowainmotion/index.html



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Chapter 2

- Understanding lowa
 - How lowa will be different in 2045, and how the transportation system will be affected
 - Trends in four areas
 - Demographic: Population is growing slowly, urbanizing, aging, and becoming more diverse
 - Economic: Employment is growing slowly, jobs are shifting towards services, and median household income and GDP are increasing
 - Passenger: Travel, vehicles per household, driving to work along, and travel time to work have all be increasing.
 - Freight: Freight movements will continue to increase, particularly for truck and rail.

Chapter 3

- Planning considerations
 - Various key issues to consider as we plan the future transportation system

-Economic vitality

-Maintenance and preservation

-Energy

-Management and operations

-Environmental justice

-Safety

-Environmental mitigation

-Security

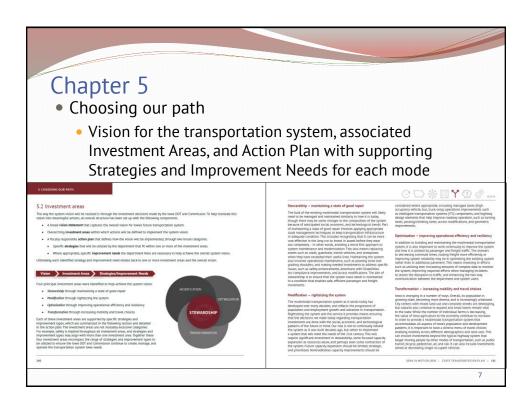
-Land use and livability

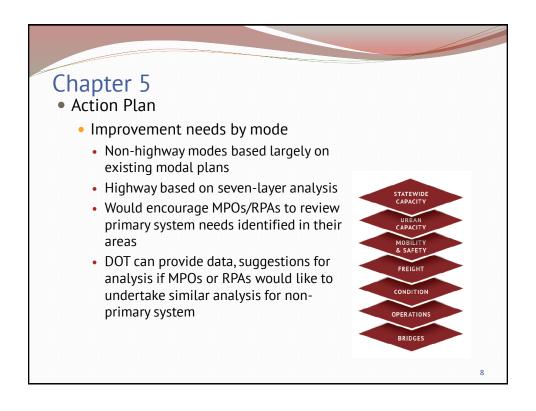
-Technology

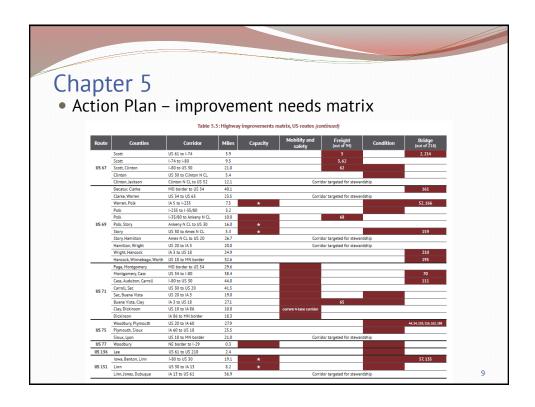
- New sections from previous plan management and operations; technology
 - Incorporated concepts such as autonomous and connected vehicles, smart corridors, and pause points in project development to reconsider technology impacts

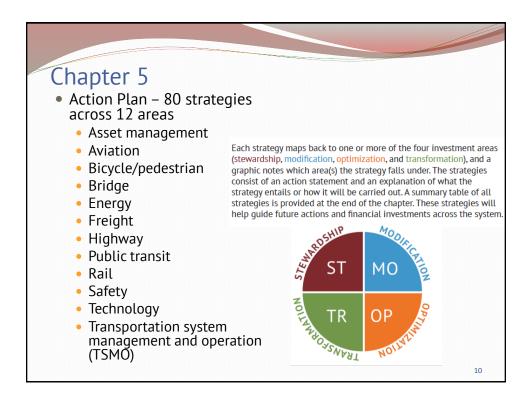
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Chapter 4 System overview Mode-by-mode summary of lowa's current transportation system, including the following for each mode Highlights Impact on lowa's economy Planning efforts Inventory Current trends Key issues



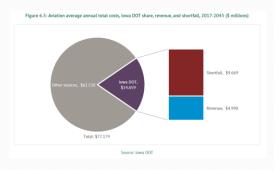






Chapter 6

- Paying our way
 - Cost to maintain/improve the system, anticipated future revenues, and potential shortfall and implications
 - Where possible, needs presented at statewide level, with the Iowa DOT's "share", revenue, and shortfall provided



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Chapter 7

- Making it happen
 - Financing, programming, and performance monitoring
 - Overview of the enhanced programming process lowa DOT is transitioning to, that will improve transparency, align available tools and plans, and better incorporate appropriate stakeholders
 - 1. Problem statement development
 - 2. Scoping
 - 3. Project advancement
 - 4. Project prioritization
 - 5. Program synthesis
 - 6. Final programming

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Next steps and implementation

- Incorporating the Plan into the programming process referenced on the previous page
 - Working to involve a check against improvement needs identified in the Plan when a project is being scoped
- Discussing how super-2 elements (as discussed in the mobility and safety analysis) can be considered for targeted corridors in the project design process
- Strategies are at various levels of integration some already being done, some being planned

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