

Public Health Considerations in Transportation

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Overview

- What we're working on
- Benefit of partnerships
- How you can engage in integrated planning to improve public health outcomes

Key Messages

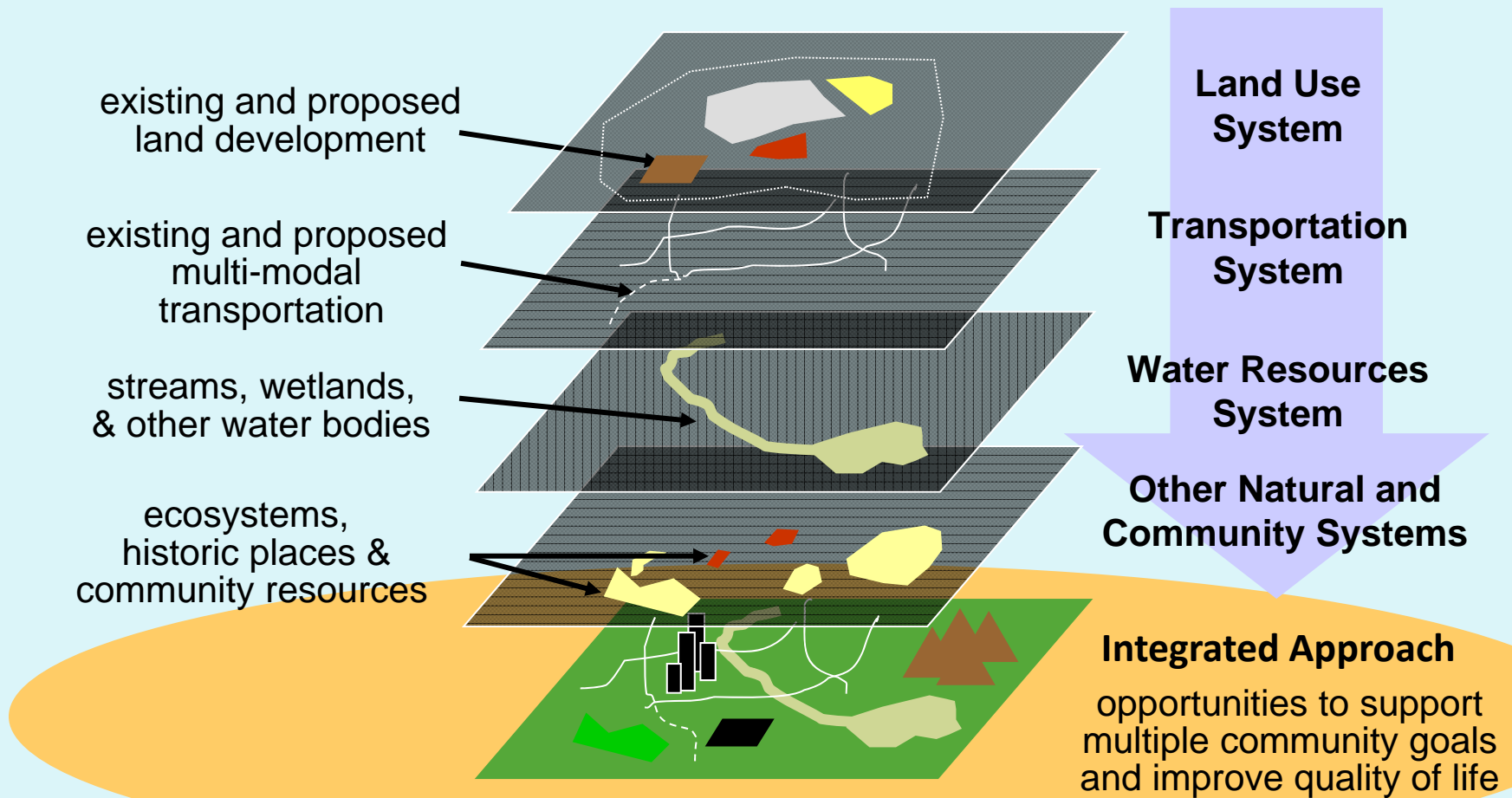
- Linkages between land use, transportation and health
- Communities must advocate for and make decisions consistent with active living
- Early engagement in integrated planning is key
- Partnerships are essential

Land Use + Facilities + Behavior ➡ Improved Health

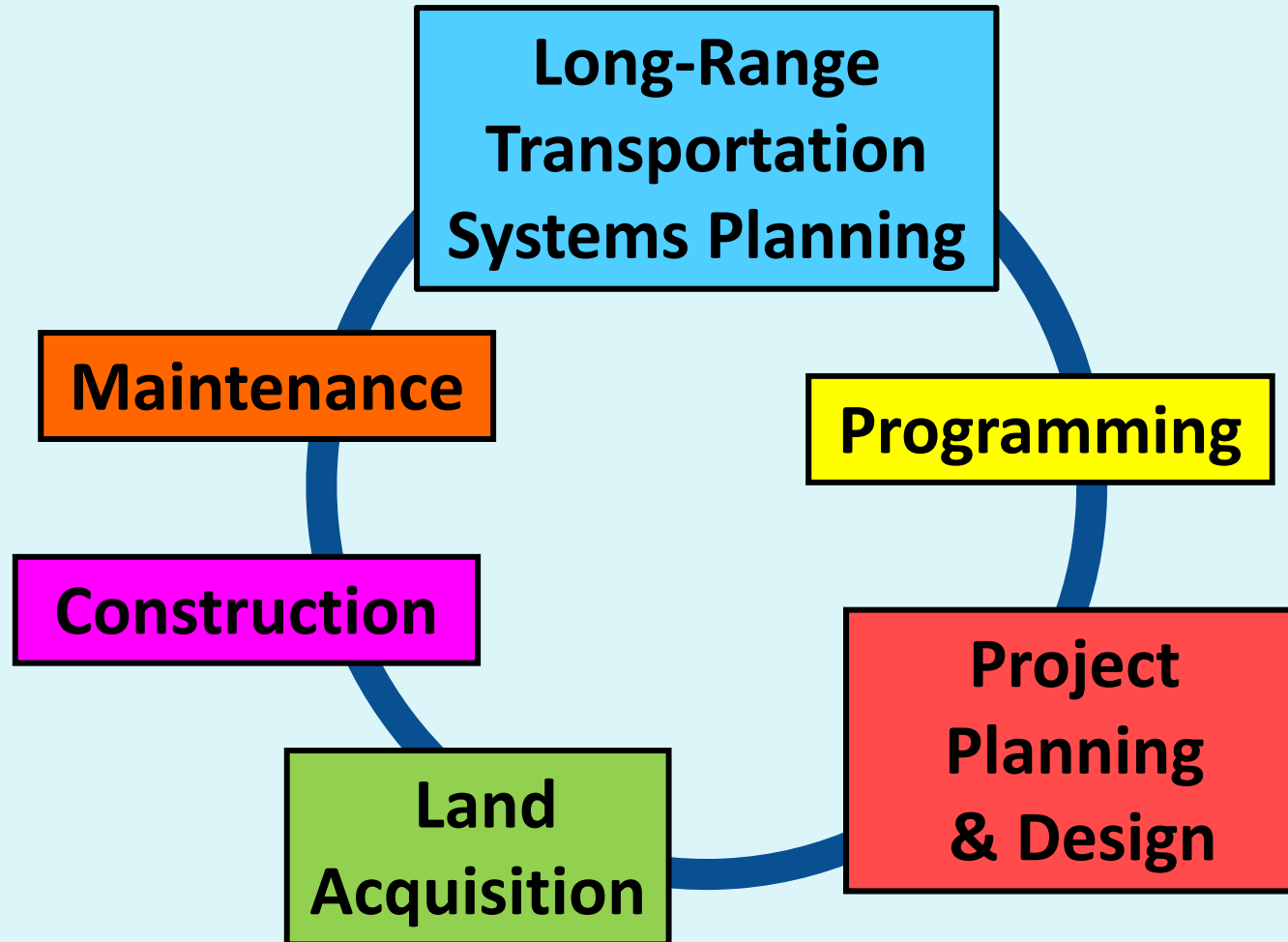
Integrating Public Health Considerations into Transportation Decision-Making

- Long-Range Comprehensive Transportation Planning
- Complete Streets
- Transportation Project Development
- Greenways & Trails
- Transit Funding
- Sustainability Blueprint

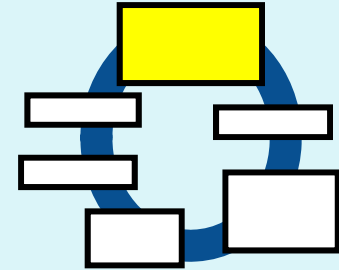
Integrated Planning: A Systems Perspective



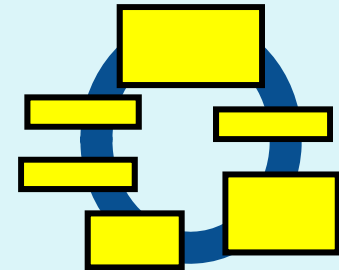
Transportation “Project” Life Cycle



Comprehensive Transportation Planning (CTP)



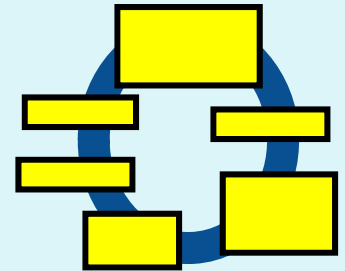
- Guidance on how health considerations can be incorporated into decision-making **where communities make this a priority** (DHHS and local planners)
 - Community vision, goals and objectives
 - Stakeholder engagement and input
 - Measures of effectiveness
 - Data collection and sharing
- Minimum land development plan standards (Commerce)
- Better integrate active transportation modes (pedestrian, bike, transit) into CTP



**An approach to interdependent, multi-modal
transportation networks that safely accommodate
access and travel for all users**

www.nccompletestreets.org

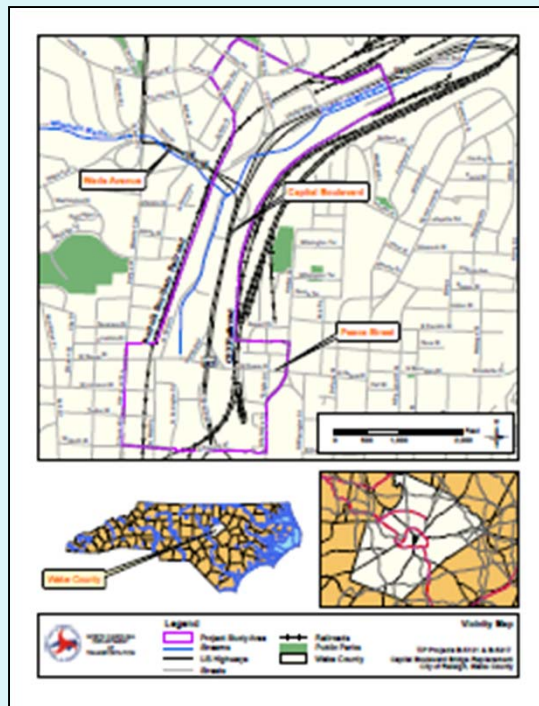
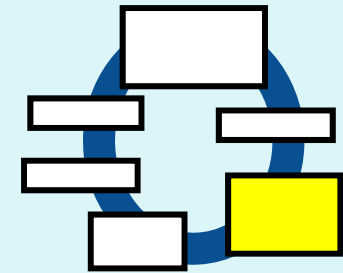
Complete Streets



- Partner with DHHS and Commerce to:
 - educate local and regional planners and health advocates on transportation and land use planning activities that can affect positive health outcomes
 - establish and track key performance indicators related to Complete Streets and health outcomes
- Educate communities and local officials about Complete Streets benefits and opportunities (DHHS)



Project Development



- Evaluate bike/pedestrian/transit accessibility
- Consider potential +/- impacts of transportation accessibility on human health with respect to physical activity and chronic disease to the extent that health is identified as a local goal and that data is available

Other Collaborative Initiatives

- Greenway design and permitting (DENR)
- Identify opportunities for trail programs to serve transportation purposes and promote healthy, active living (DENR)
- Better coordinate with local, state and other entities to leverage existing funding and provide efficient, reliable, safe and accessible transportation for disabled, elderly and low-income/welfare recipients (DHHS)
 - Federal Transit Administration
 - Medicaid



Other Interests

Develop/identify methods and indicators to assess the health and economic impacts of active transportation

- The Effect of Light Rail Transit on Body Mass Index and Physical Activity (Lynx Light Rail, Charlotte)
- Economic Impact of Investing in Bicycle Facilities: A Case Study
- Blue Ridge Corridor Health Impact Assessment

NCDOT's Sustainability Blueprint

- Integrate health into Blueprint framework
- Track key health performance indicators related to transportation projects/programs
- Use Blueprint to educate about connection between transportation and public health

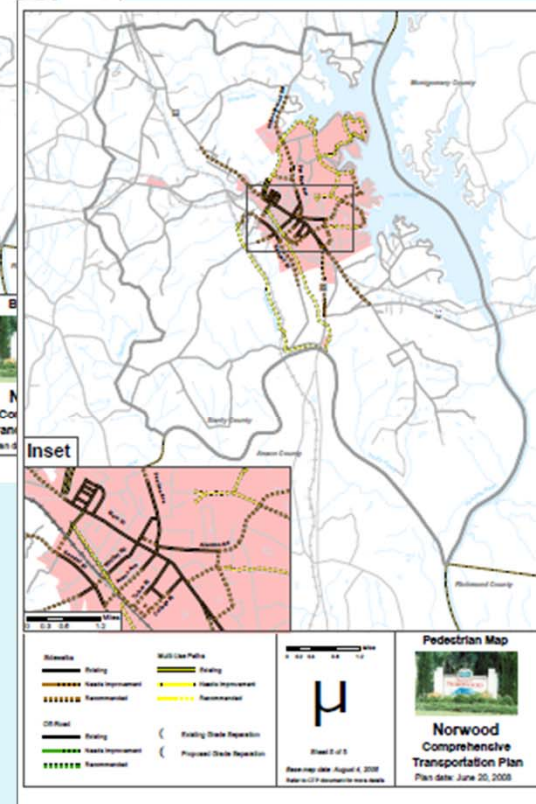
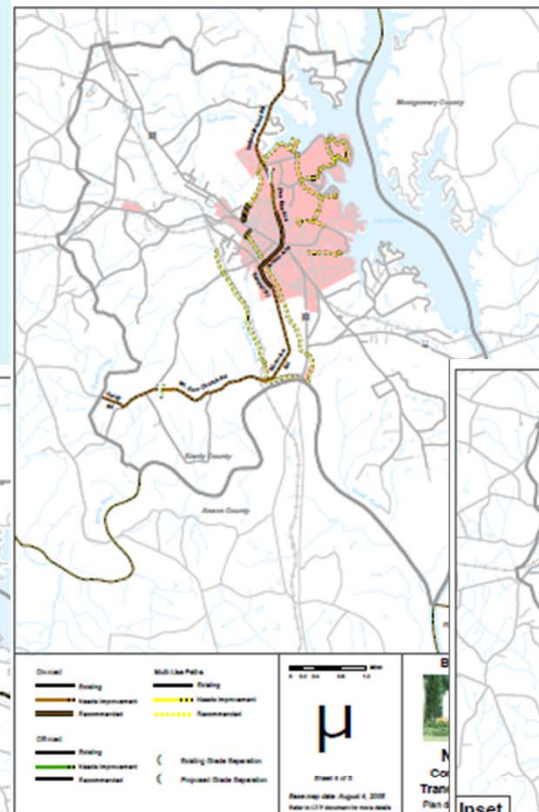
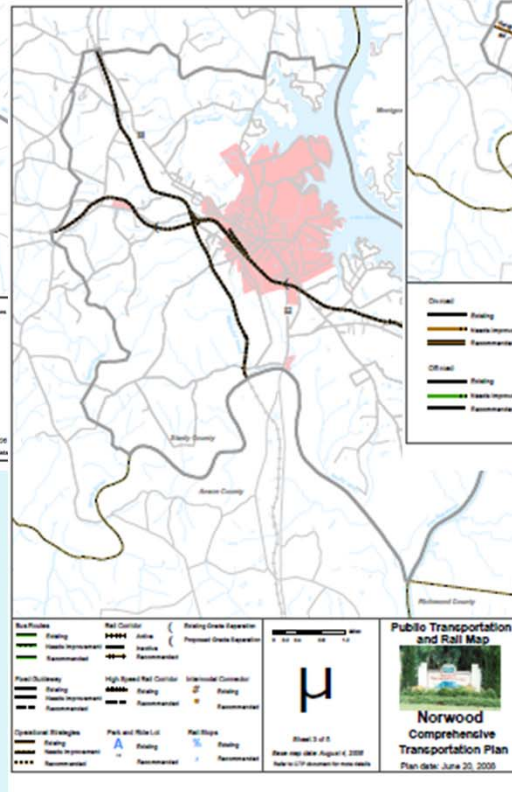
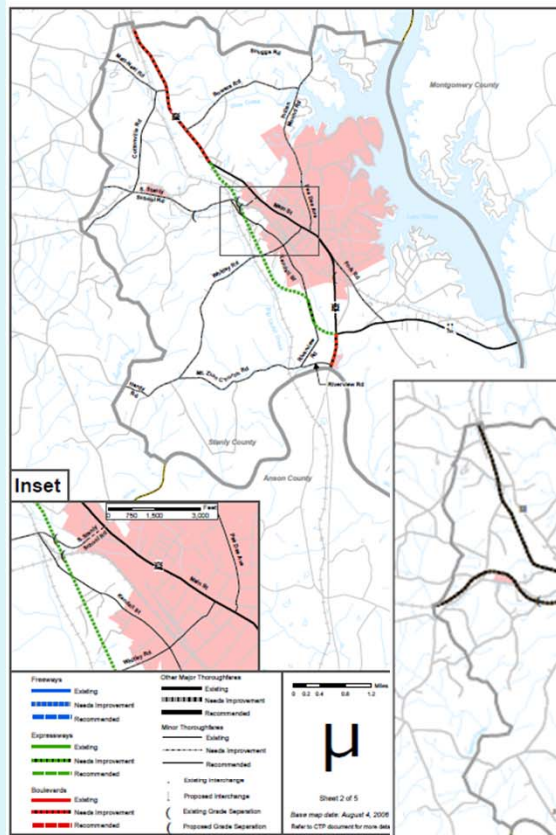
Summary

- Many efforts are underway
- Engagement by health professionals is important
 - Local land use planning and zoning
 - Long-range transportation systems planning
 - Project development for transportation projects
 - General advocacy at local level with decision-makers
- Partnerships are key
 - Understand interdependency and connectedness
 - Leverage limited funding
 - Ensure community goals and needs are met

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Comprehensive Transportation Plan



Paying Attention to Patterns That Work

