FDOT’s Perspective on Road Diets

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• **FDOT Design Manual**
• Purpose
• Application/Review process
• Impacts of Lane Elimination Projects
• Considerations
• Consistency with Plans and Programs
• Functional Classification
• Freight Routes
• Upcoming
**FDOT Design Manual** *(FDM)*

- New Chapter 126
- Forms in Chapter 103
- Statewide Lane Elimination Guidance (Phase 1 and Phase 2)
Purpose of Lane Elimination Projects:

• Reconfigure the existing cross-section
  ○ Bicycle lanes, wider sidewalks, on-street parking, landscaping
• Promote use of non-automobile modes
• More livable environments
• Economic development
• Vitality to a community
Application/Review process:

Applicant
- City
- County
- MPO
- TPO

Preliminary Review and Approval
- DLEC / District Review Team
- Concurrence from DDE and DTOE

Final Review and Approval
- Approval: DDE and DTOE
- Concurrence from Chief Planner
- Final Approval/Denial by Chief Engineer
Impacts of Lane Elimination Projects:

- Safety and Operational benefits
  - Slower operational speed
  - Reduction in number of crashes
  - Reduce conflict points
  - Reduction in crossing distances for pedestrians
  - Pedestrian refuges
  - Bicycle lanes

- Slight increase in delay
- Capacity
Impacts of Lane Elimination Projects (Cont.):

- On-street parking
- Property values
- Increased livability
- Multi-modal accommodation
- Left-turn pockets
- Right-of-Way
- Landscaping
Considerations:

- ADT 20,000 or less
- Access management / Driveway density
- Transit routes
- Number and design of intersections along corridor
- Larger operational impacts
- Minimum design standards
  - Design Exceptions and Design Variations
- Community Support
Consistency with Plans and Programs:

- FDOT Work Program
- MPO/TPO Long-Range Transportation Plan (LRTP)
- MPO/TPO Transportation Improvement Program (TIP)
- State Transportation Improvement Program (STIP)
- Transit agency Transit Development Plan (TDP)
- Local Comprehensive Plan
- Local vision documents and master plans
Functional Classification:

- Impact the functional classification of the road
- May affect federal funding eligibility
- Continuity and connectivity of the system
- Affect:
  - Planning
  - Funding
  - Traffic analyses
  - Project prioritization
  - State and federal reporting requirements
Freight Routes:

- Lane widening
- Perception of increased delay
- Decreased turning radii
- Lane narrowing
Upcoming:

• Additional guidance
• FDOT Design Manual
• District Lane Elimination Coordinator
• Continue to assess needs
Thanks!

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