



*On-Course*

*The Highway Element*  
of your comprehensive plan

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# On the Agenda:

1. Major Themes of Transportation Policy Plan
2. Local Plan Requirements
3. Other Non-required Topics
4. Coordination
5. Planning Resources
6. Access to Federal \$

# Agenda details . . .

- Evaluation of System Impacts and Problems
- Strategies to Correct Problems
- Functional Classification
- Adequate Minor Arterial System

# Agenda details . . .

- Interconnected Local Street, Bike, Walk Systems
- Traffic Forecasting - Mark
- Access Management - Cindy

# Transportation Policy Plan Themes

- Balance demand and capacity – land use and transportation connection
- Preserve and manage what we have
- Expansion will be limited

# Transportation Policy Plan Themes

- Non-metro highway investments important
- Adequate minor arterial system to support land uses critical

# Required elements

- Accommodate forecasted growth
- Population, households, jobs by traffic allocation zone (TAZ)
- Average daily traffic (ADT) today, future
- Number of lanes
- Functional class
- Access management

# Required elements, continued

- Adequate minor arterial system
- Interconnected local street system
- Evaluation of system impacts, problems (safety, capacity)
- Strategies to correct impacts, problems
- Include corridor study recommendations

# April's *On-Course* Agenda:

- Transit
- Traffic Demand Management (TDM)
- Pedestrians and Bicycles
- Airports

# Other considerations

*(not required for every community)*

- Freight
- Right-of-way preservation

# Coordination: “There is no blank slate”

- State, Regional, County, City Planning
- Natural Resources
- Public Interest Groups
- Elected Officials

# Planning Resources

- Development Framework
- Transportation Policy Plan (TPP)
- Transportation Systems Plan (TSP)
- County Plans
- Natural Resources Inventory
- Local Planning Handbook

# Planning Resources

- Transit Oriented Development (TOD) Handbook
- Corridor, Subarea Plans
- Access Management Guidelines
- Regional Traffic Forecast Model (some County Forecast Models)

# Federal \$ - Qualifying Criteria

1. Consistent with Transportation Policy Plan & Development Framework
2. On the Transportation Advisory Board (TAB) defined “A” Minor or Principal Arterial System

# Federal \$ - Qualifying Criteria

3. Implements solution to transportation problem discussed in:
  - Local or County Comp Plan
  - Local Capitol Improvements Plan (CIP)
  - Officially Adopted Corridor Study
  - Official Plan or Program of Applicant Agency

# Evaluate System Impacts

**Goal:** Locally generated trips will not exceed capacity of local or regional transportation facilities

- Define transportation need/impacts of new/added development

# Evaluate system impacts

- Anticipate Safety Problems
- Address/correct problems
  - Appropriate Unit of Government
  - Development agreement?

# Strategies to Address Capacity/Safety Issues

- Assume new or expanded transportation facilities and capacity for local planning
- May need to accommodate development on congested streets and highways

# Mitigation approaches vary

- Mix of land uses
- Higher density
- Grid System
- Access Management to maintain/improve capacity and safety

# Mitigation approaches vary

- Intersections designed to meet demand
- Signal interconnects to move more vehicles
- Private sector should provide facilities that directly support planned developments
- Off-site improvements may be required

# Functional Classification

- Criteria and characteristics – Appendix F
- Minimum: principal arterials (PA) & “A” minor arterials
- Existing & proposed lanes for principal and “a” minor arterials
- Preferred: “B” minor arterials & collectors
- Consider funding implications!

# Elements of an Adequate Minor Arterial System

- Accommodates moderate length trips
- Balances demand from existing and planned land uses.
- Includes designated “A” minor arterials
- Protects and enhances capacity – access management

# Elements of an Adequate Minor Arterial System

- Consistent with Transportation Policy Plan, Transportation Systems Plan and county investments.
- Provides financial commitment for new and expand minor arterials
- Consistent with existing and planned transit services.

# Variables that Influence Adequate Minor Arterial System

- Area type: developed, developing, rural
- Development density
- Demand, given type of land use and mix of uses
- Grid system vs. non-grid system
- Connections to adjacent communities

# Variables that Influence Adequate Minor Arterial System

- Presence of principal arterials
- Capacity of principal arterials, minors and other roads
- Access management of facilities
- Environmental features

# Interconnected system of Streets, Bikeways and Walkways

- Provide for local trips
- Connect development concentrations to neighborhoods
- Keep trips off minor arterials
- Important for mixed-use or transit-oriented development

# System Impact/Substantial Departure

- Does not plan for forecasted growth
- Inconsistent with regional plan for highways or transit
- Does not provide an adequate minor arterial system

# System Impact/Substantial Departure

- Inconsistent with adopted recommendations of environmental impact statement (EIS), corridor study or subarea study
- Access control of non-freeway metro highway lacking

# Questions?