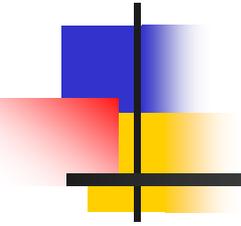
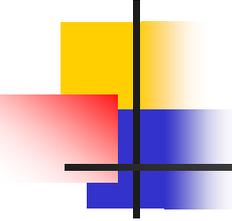


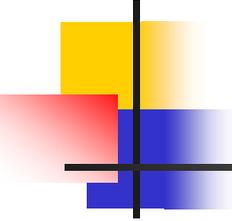
Urban Transportation Planning Process





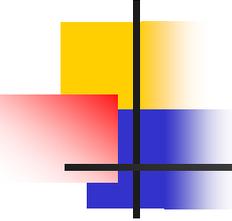
What are MPOs?

- Mandated by Federal and State Laws
- Urban Areas With 50,000 Population
- Elected and Appointed Local Officials
- Responsible for 4-C Planning Process
 - Comprehensive
 - Cooperative
 - Continuing
 - Coordinated



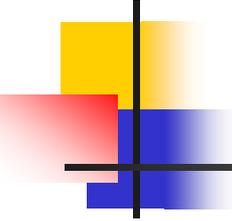
Who are MPOs?

- County Government
- City Government
- Local Transit Agency
- Expressway/Toll Authority
- Florida Department of Transportation
- Aviation and Port Authority
- Planning Commission



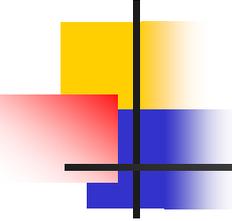
MPO Responsibilities

- Long Range Transportation Planning
- Coordination Between Land Use and Transportation Planning
- Setting Resource Allocation Priorities for Roadway and Transit Expenditures
- Transportation Disadvantaged



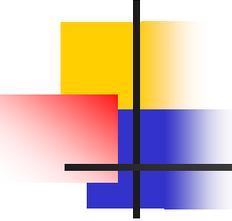
Other Responsibilities

- Public Participation
- Regional Coordination
- Bicycle and Pedestrian Planning
- Mobility Management Process
- Demographic Research
- Air Quality Planning



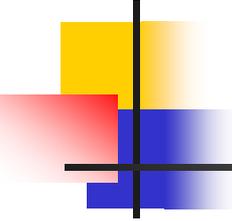
MPO Products

- Unified Planning Work Program
- Multi-modal Cost Feasible Long Range Transportation Plan
- Transportation Improvement Program
- Mobility Management Plan
- Transportation Disadvantaged Plan
- Comprehensive Bicycle Plan
- Comprehensive Pedestrian Plan



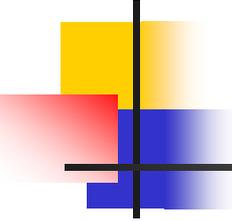
MPO Advisory Groups

- Technical Advisory Committee
- Citizens Advisory Committee
- Transportation Disadvantaged Coordinating Board
- Bicycle/Pedestrian Advisory Committee
- Freight Mobility Committee



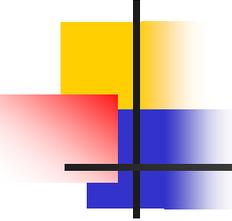
Transportation Planning Process

- Define Existing Land Use and Economy
- Project Future Land Use and Economy
- Determine Travel Demand
- Match Demand to Projected Resources
- Consider Benefits and Costs
- Resolve Conflicts in Resource Allocation



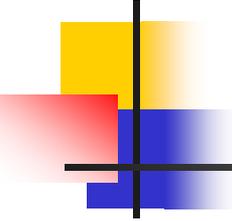
Key Elements of Process

- Comprehensive, Cooperative, Continuing, Coordinated
- Public Input and Comment Required
- Local Elected Officials Direct Plans
- Multi-modal Alternatives Integral to Analysis
- Network and Long Range Plan Based on Analytical Model



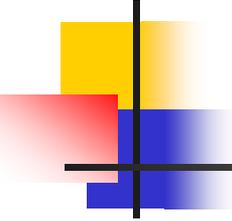
Travel Demand Forecasting

- Define Existing
 - Land Use
 - residential densities
 - commercial types and sizes
 - Population
 - Economic Activity
 - employment levels
 - goods movement
 - Traffic Volumes



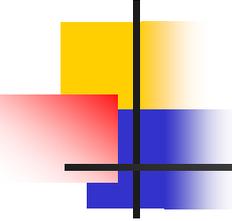
Travel Demand Forecasting

- Project Future
 - Land Use
 - residential densities
 - commercial types and sizes
 - Population
 - Economic Activity
 - employment levels
 - goods movement



Travel Demand Forecasting

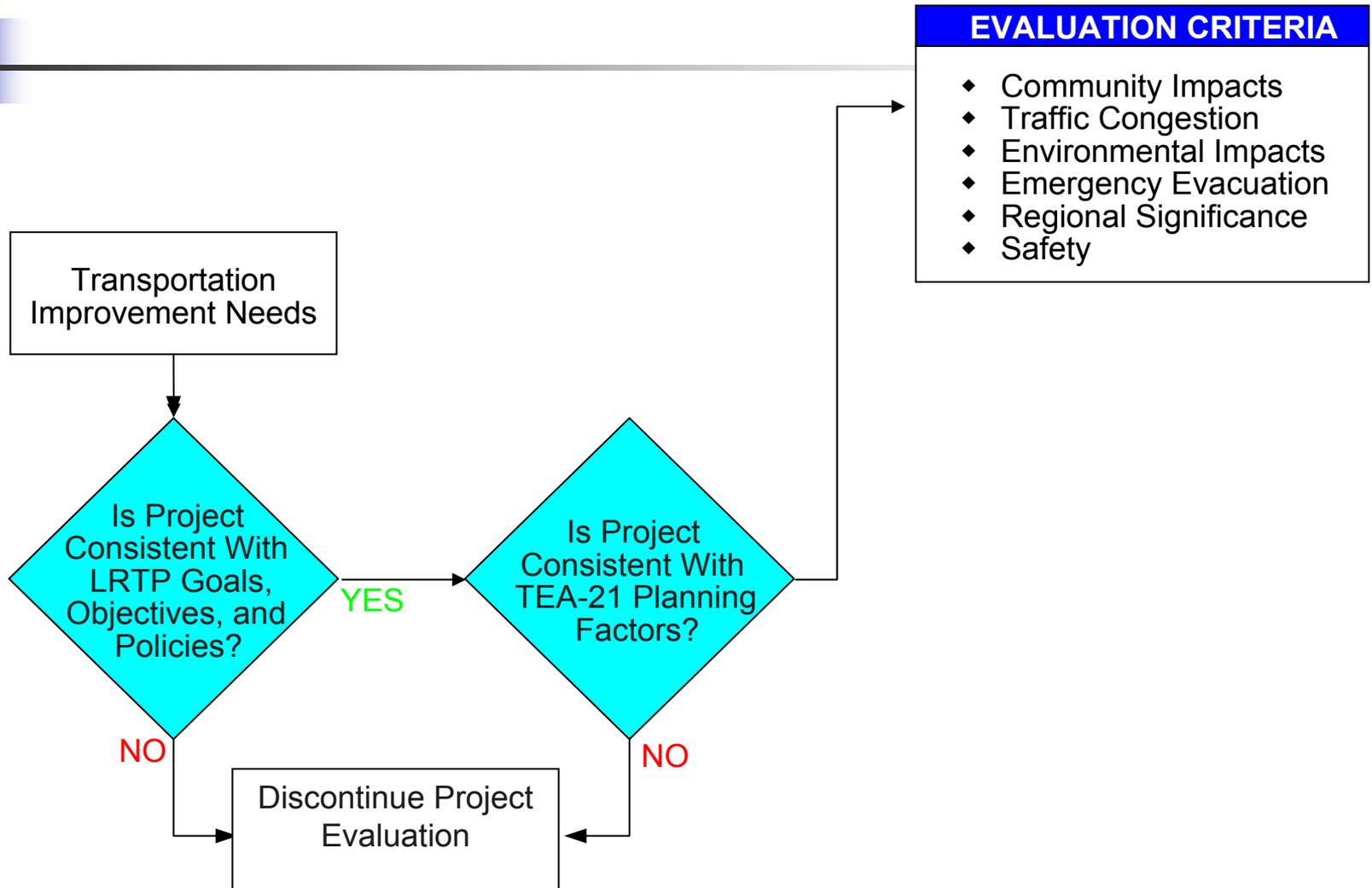
- Validate Model to Existing Conditions
- Load Projected Land Use, Population and Economic Activity
- Model Future Travel Demand

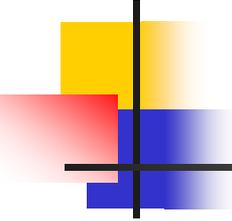


Transportation Needs Assessment

- Traffic Projections
- Roadway Lane Requirements
- Transit Requirements
- List of Multi-modal Transportation Needs

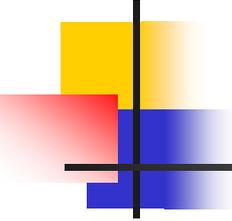
Consistent with Local Goals?





TEA-21 Planning Factors

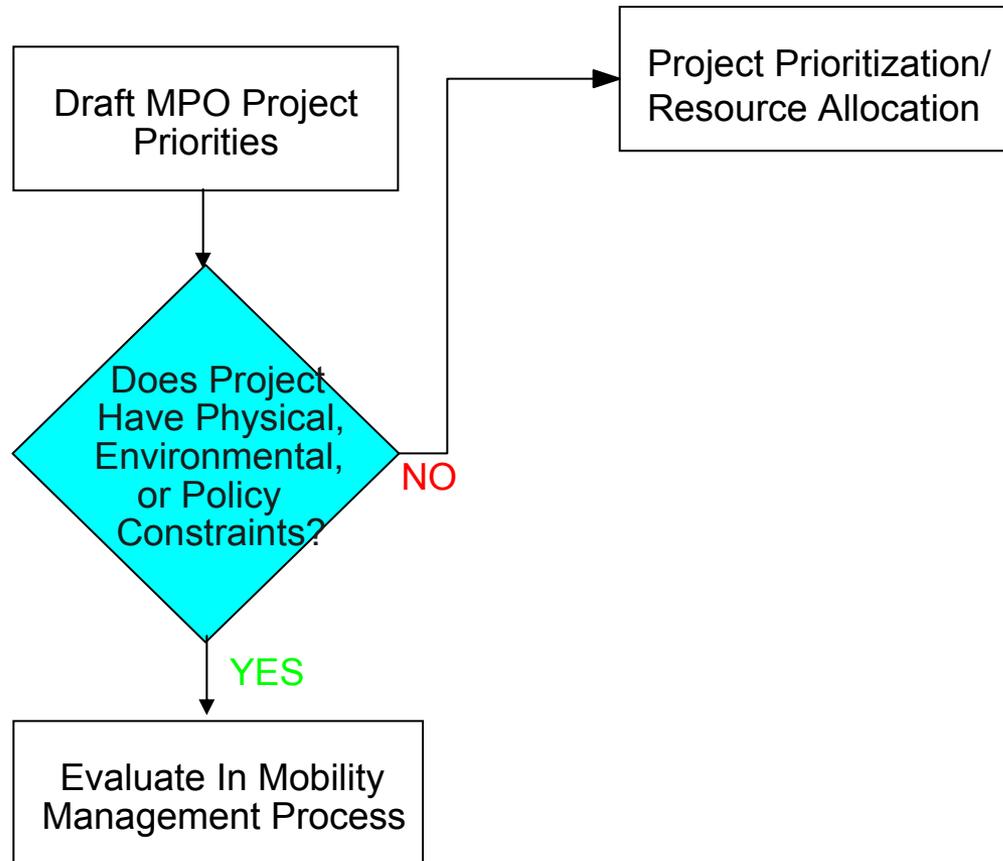
- Economic Vitality
- Safety and Security
- Accessibility and Mobility
(People/Freight)
- Environment and Energy
Conservation
- Integration and Connectivity
- Efficient System Management

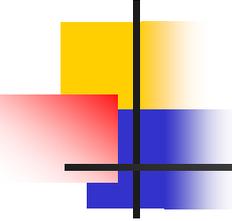


Evaluation Criteria

- Community Impacts
- Traffic Congestion
- Environmental Impacts
- Emergency Evacuation
- Regional Significance
- Safety

Project Constraints

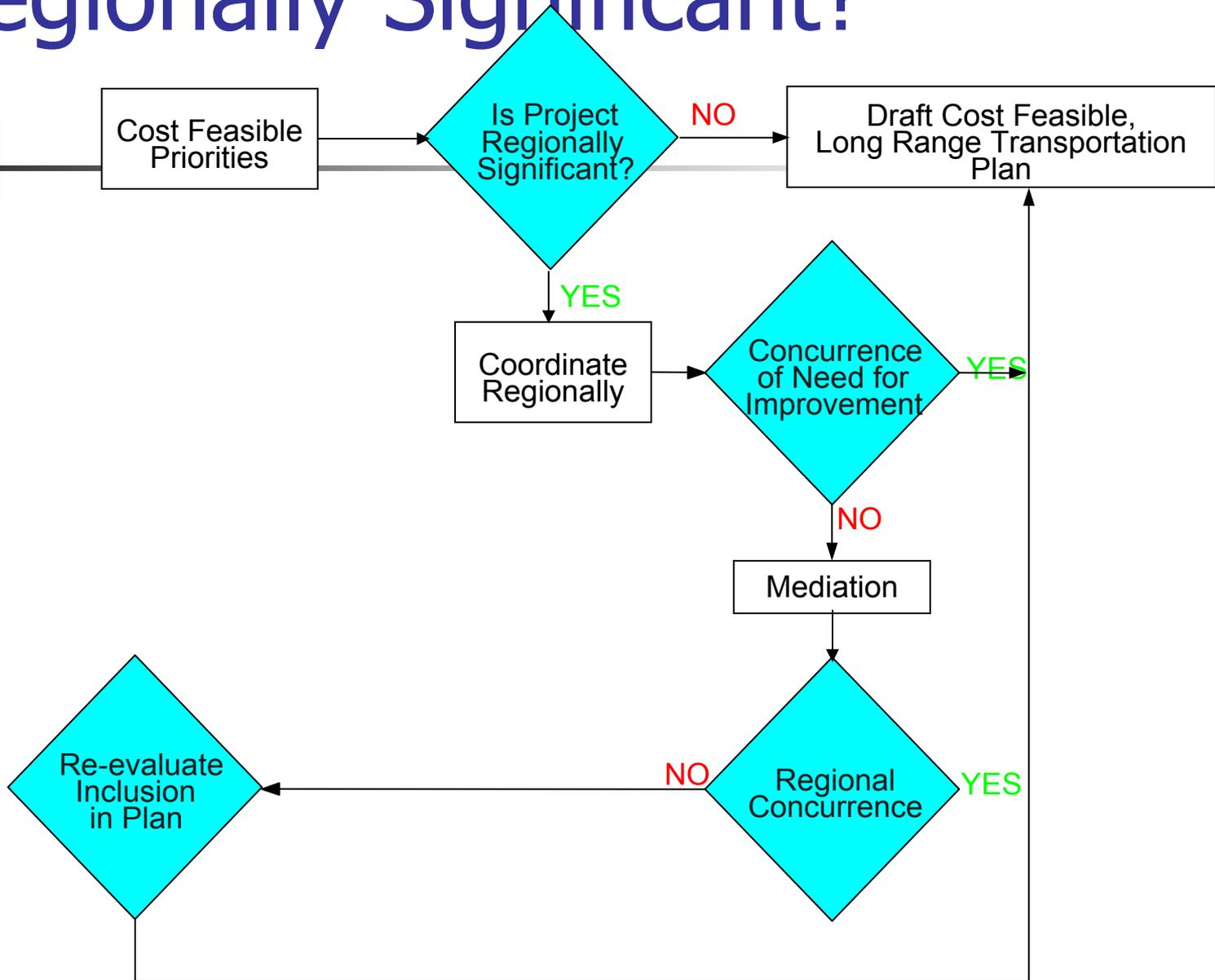




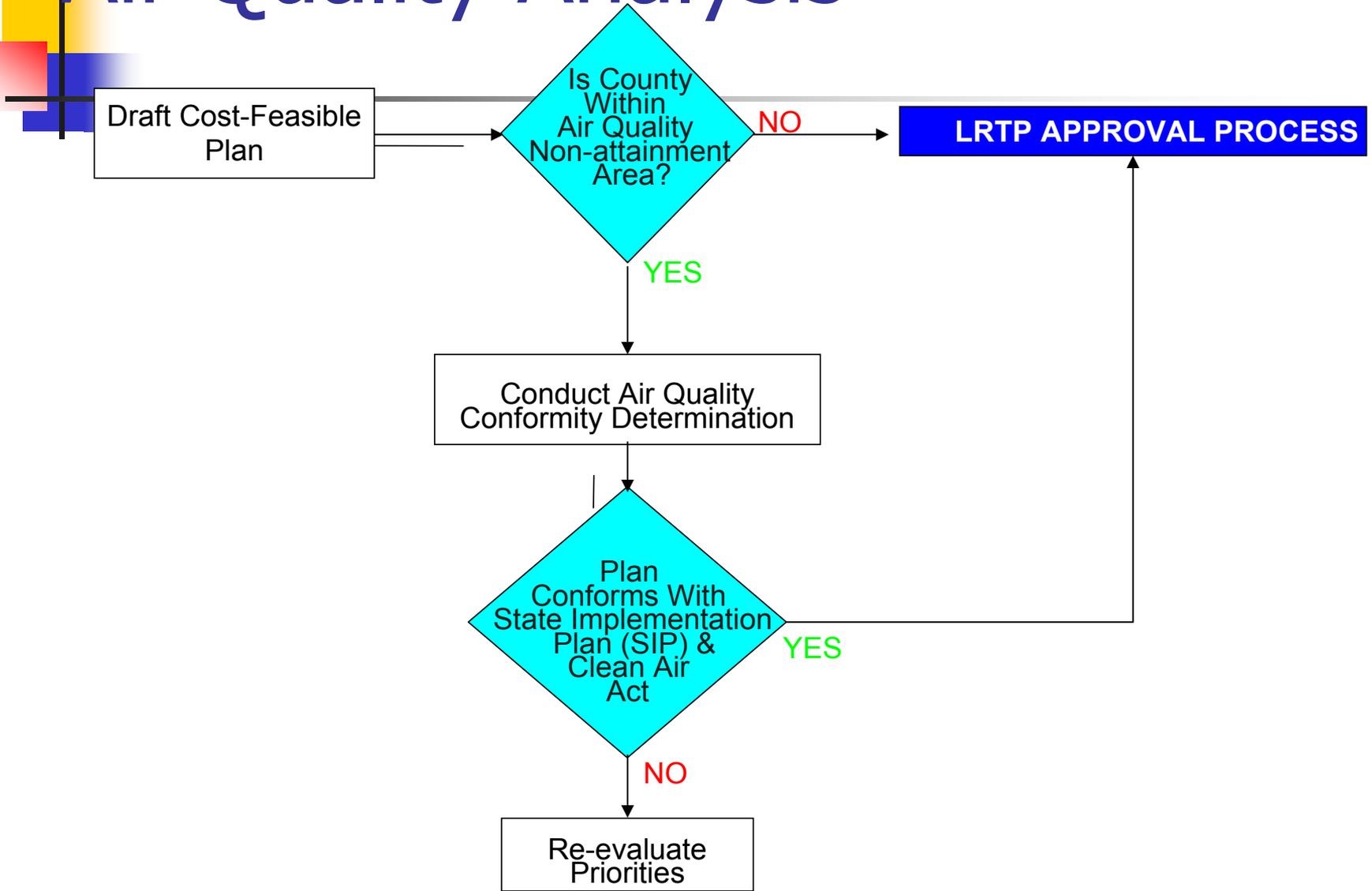
Project Prioritization

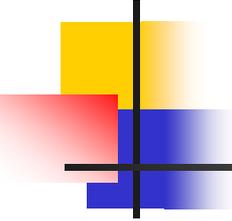
- Balance Draft Project Priorities with Funding Sources
 - Federal (TEA-21)
 - State
 - Local
 - Toll/User Fees
- Project Programming
 - Five, ten, and twenty year plans

Regionally Significant?



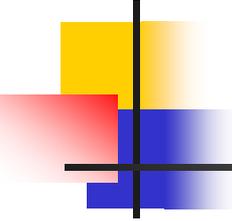
Air Quality Analysis





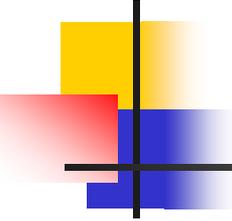
Long Range Transportation Plan

- 20-year horizon
- Multimodal
- Balanced Costs and Revenues



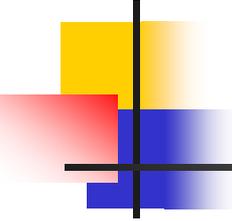
LRTP Approval Process

- TAC and CAC Input
- Public Hearing
- MPO Adoption
- Transportation Priorities Established



Transportation Improvement Program

- Capital Improvement Program
- 5-year horizon
- Multimodal
- Identified funding



TIP Development

- Project Priorities Submitted to FDOT
- FDOT Develops Work Program
- Draft TIP Developed
- Public Hearing
- MPO Adopts TIP
- FHWA Approval