Implementing Eco-Logical

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Regional Perspective

Population

- 2012: 6.7 million
- 2035: 9.8 million
- 4th Largest MSA by Population

Area

- 12 counties
- 9,441 square miles
- 2nd Largest Metropolitan Planning Area

Economy

- Home to 18 Fortune 500 Firms
- Ranked 6th in Gross Metropolitan Product
DFW Long-Range Planning Context

Needs Exceed Available Revenue

Can’t Build Our Way Out of Congestion

Use Sustainable Development to Reduce System Demand & Provide Multimodal Options

Emphasis on Environmental and Quality of Life Issues

Maximize Existing System

Invest Strategically in Infrastructure
Planning and Environmental Linkages

Transportation Resource Agency Consultation and Environmental Streamlining (TRACES)

2008 FHWA Eco-Logical Grant

Regional Ecosystem Framework (REF)

Integration into Mobility 2035
Vital Ecosystem Information Layers (VEIL)

- First Iteration of REF
- Subwatershed Approach
- Composite of 10 Layers

- Natural Areas
- Wildlife Habitat
- Flood Zones
- Impaired Water Segments
- Surface Water Quantity
- Wetlands
- Diversity
- Rarity
- Sustainability
- Agricultural Lands
Regional Ecosystem Framework

• Incorporated into Mobility 2035
  • First MTP for DFW that Explicitly Incorporated and Evaluated Environmental Considerations
Implementation Efforts

• Received SHRP 2 Lead Adopter Incentive Implementation Assistance Funds
• Strong Focus on Mitigation Opportunities

- Update REF and Identify Mitigation Focus Areas
- Apply REF to a Corridor Feasibility Study
- Implement a Regional Shared Value Mitigation Program
Update REF and Identify Mitigation Focus Areas

1. Re-Engage Resource Agencies and Update VEIL
2. Identify Priority Subwatersheds
3. Identify Candidate Mitigation and Enhancement Areas
4. Identify Suitable Sites for Potential Mitigation Banks
Apply REF to Corridor Feasibility Study

- Create Corridor Conservation and Restoration/Enhancement Vision
- Recommend Improvements to REF Based on Real World Experience
- Create Regional Process for Using REF in Corridor Studies
Regional Shared Value Mitigation Program

• Program Purpose is to Systematically Focus Funds to Address and Ensure Conservation, Preservation, and Sustainability of Region’s Natural Resources.

- Create Mitigation Project Database
- Prioritize Shared Value Mitigation Projects
- Provide Feedback to the REF
- Reserve Funds for Pilot Projects
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