

Environmental Programs Division

Oklahoma Department of Transportation

Role of Environmental Programs

- To integrate environmental considerations and regulatory requirements into ODOT's transportation
- To provide a broad range of technical expertise in the natural and human environment
- To provide environmental documents and permits for ODOT projects and activities
- To liaise with regulatory agencies to streamline the environmental review and permit processes

Environmental Requirements for Projects with Federal Action

- Compliance with National Environmental Policy Act (NEPA) – umbrella for various federal regulations
 - National Historic Preservation Act (NHPA)– Protects historic properties and archeological sites
 - Endangered Species Act (ESA), The Bald and Golden Eagle Protection Act and Migratory Bird Treaty Act (MBTA) – Protection of Endangered Species and Migratory Birds
 - Clean Water Act – Protection of Waters and Wetlands of the US
 - Comprehensive Environmental Response Compensation and Liability Act (CERCLA) and Resource Conservation and Recovery Act – Protection from Superfund sites, hazardous waste sites, underground storage tanks, old oil wells, etc.
 - Section 4(f) of Transportation Act – Protection of Public Recreational Areas and Historic Properties
 - Clean Air Act, Farmland Protection Act (FPPA), Highway Noise Abatement, etc.

Rehabilitation Captain Creek Bridge on SH 66B



Adaptive Re-Use of Truss Bridges (Jefferson County SH 78 over Red River)



Historic American Engineering Record (Purcell Lexington Bridge on US 77)



Endangered Species Act

- American Burying Beetle– Purchase of credits to offset impacts and removal of carcasses and avoidance of artificial lights during construction



Endangered Species Act

- Bats – Avoidance of work on bridges and avoidance of tree removals during maternal season



Endangered Species Act

- Interior Least Tern– Requires survey and Avoidance of work in the rivers with sandy bottom during their nesting season



Endangered Species Act

- Mussels– Relocation of mussels prior to start of construction



The Bald and Golden Eagle Protection Act

- Survey of suitable eagle habitat for nests after leaf drop prior and during construction



Migratory Bird Treaty Act (MBTA)

- Avoidance of work on bridges during nesting season or netting to prevent nesting



Clean Water Act - 404

- Avoidance, Minimization and Mitigation



Hazardous Materials

- Initial Site Assessment



Hazardous Materials

- Subsurface Site Investigation



Hazardous Materials

- Hazardous Materials in Construction Support - Remedial Oversight and Reporting



Storm Water Compliance

- Construction Permit:
 - Storm Water Pollution Prevention Plan (SWPPP).
 - OKR10 General Permit



Storm Water Compliance

- Common Violations



Environmental Operations Activities

- Appraisals and Demolition Activities
 - Lagoons



Environmental Operations Activities

- Appraisals and Demolition Activities
 - Septic tank contents



Environmental Operations Activities

- Appraisals and Demolition Activities
 - Tire Dumps and
 - LUST (Leaking Underground Storage Tanks)



Environmental Operations Activities

- Appraisals and Demolition Activities
 - Asbestos



Popcorn ceiling texture >>



Old vinyl flooring >>
Tiles
Mastic

Questions?