US-270
Seminole County
ODOT Public Meeting
September 29, 2015, 6:00 pm
WELCOME

Presented by: The Oklahoma Department of Transportation, Tetra Tech, and CP&Y
US-270 Between Seminole & Wewoka in Seminole County
Purpose of Public Meeting

- Inform the public about the proposed improvements to US-270 and the results of environmental studies

- Solicit input from the public and stakeholders

- Answer questions and address concerns to incorporate into the final design
Project Purpose & Need

- Project Need: US-270 Deficiencies & Issues
  - Inadequate Capacity (Congestion) - cannot carry anticipated traffic volumes
  - Safety Concerns
  - History of Accidents Related to
    - Left Turning Movements
    - Inadequate Sight Distances

- Project Purpose:
  - Improve Efficiency
  - Improve Safety
Existing Conditions

- Two 12 ft Driving Lanes with Two 10 ft Paved Shoulders
- High Number of Accidents
- Deficient Structures
- Deficient Horizontal and Vertical Curves
US-270 Between Seminole & Wewoka in Seminole County

Accident Map

* Accident Data from 2003 to August, 2015
Proposed Improvements

- Reconstruction and Widening of Existing Pavement to Accommodate Future Traffic (2040) 10,800 Vehicles/Day

- 5-Lane Curb & Gutter Section (From SH-270A East Approximately ¾ of a Mile)
  - 4-12 ft Wide Driving Lanes
  - 16 ft Wide Paved Median
  - Curb & Gutter

- 5-Lane Open Roadway Section (From ¾ East of SH-270A East Approximately 2.5 Miles)
  - 4-12 ft Wide Driving Lanes
  - 16 ft Wide Paved Median
  - 2-10 ft Wide Shoulders

- 4-Lane Open Roadway Section (From US-270B West Approximately 5 Miles)
  - 4-12 ft Wide Driving Lanes
  - 2-10 ft Wide Shoulders
Proposed Improvements
Typical Section

5-Lane Curb and Gutter Section
5 Lane Curb and Gutter Section
Proposed Improvements
Typical Section

5-Lane Open Section
5 Lane Open Section

US-270 Between Seminole & Wewoka in Seminole County
Proposed Improvements
Typical Section

4-Lane Open Section
US-270 Between Seminole & Wewoka in Seminole County

4 Lane Open Section
Proposed Improvements

- US-270 & Harvey Rd./SH-270A Intersection Improvements
  - Add Traffic Signal
  - Add Left Turn Lanes on US-270

- US-270 & NS 3600 Rd. Intersection Improvements
  - Angle of NS 3600 Rd. Coming Into US-270 Reduced
  - US-270 Vertical Curve Flattened to Improve Sight Distance

- US-270 & US-270B Intersection Improvements
  - Reconfigure Intersection
  - US-270B to Tee Into US-270 in a Stop Condition

- US-270 Bridge Improvements
  - Replace Structurally Deficient Bridge at Carter Creek with Realignment
  - Replace/Extend/Remove Bridge Boxes
  - Replace Functionally Obsolete Bridges at Railroad & Wewoka Creek Crossings

- US-270 Geometric Improvements
  - Improved Vertical Curves
  - Improved Sight Distance
Proposed Improvements

- **Construction Phase**
  - Maintain one lane of traffic in each direction throughout project
  - Offset Proposed Alignment to the North for Construction of Carter Creek Bridge
  - East of the Carter Creek Bridge the US-270 Alignment Will Be Offset South of the Existing Alignment
  - Provide Temporary Access Drives
    - Residential
    - Commercial
    - Field Entrances
  - Minimize Impact to Properties and Owners
  - Construction Duration Estimated at Approximately 24 Months
Environmental Studies
Environmental Study

NEPA: National Environmental Policy Act

- Implemented in 1970
- Studies environmental impacts of Federal undertakings

Issues Considered

- Relocation Impacts
- Wetlands Impacts
- Stream Impacts
- Floodplain Impacts
- Farmland Impacts
- Threatened & Endangered Species
- Tribal Concerns
- Cultural Issues – Historic Properties
- Archeological Sites
- Hazardous Waste Sites
- Oil & Gas Sites
- Noise Impacts
Environmental Constraints

- Rest Haven cemetery on north side
- Petroleum storage tanks and transmission lines on north side
- Union Pacific Railroad on south side of US-270
- Wetlands at the Union Pacific Railroad bridge
Environmental Constraints

US-270 Between Seminole & Wewoka in Seminole County
Environmental Study Findings

- Relocation Impacts
  - 12 Residential
  - 6 Commercial
  - 3 Personal Property Only (PPO)
- Wetland & Stream Impacts
  - Impacts to wetlands anticipated, mitigation may be required
  - Requires Army Corps of Engineers review
- Floodplain Impacts
  - Portions lie within Flood Zone AE, a regulated floodway
  - Project will not increase base flood elevation or require flood map revisions
- Farmland Impacts
  - No impacts identified
- Threatened & Endangered Species
  - American Burying Beetle habitat – Surveys will be conducted to determine any mitigation required
Environmental Study Findings

- Tribal Concerns
  - None reported
- Cultural Resources & Archeological Sites
  - No historic properties affected
- Parks & Recreational Areas
  - None identified
- Hazardous Waste Sites
  - Oil and gas production, transmission, and storage facilities along corridor
  - Fueling station at US-270 & SH-270A
Environmental Study Findings

- Noise Study
  - Noise study completed in accordance with ODOT noise policy. Utilized FHWA Traffic Noise Model in predicting existing and future noise levels.
  - Model inputs included traffic data, roadway geometry, and receiver site locations.
  - Receiver sites included 48 residences, one place of worship, a cemetery, and 9 commercial properties.
Environmental Study Findings

- Noise Impacts
  - Based on the proposed project & future traffic, 27 residences, the cemetery, and the place of worship would approach or meet 67dB(A).
  - Noise mitigation in the form of a free standing wall within existing right-of-way is not feasible due to gaps created by the driveway access.
Right of Way Process

- Appraisal
- Offer / Agreement
- Acquisition
- Relocation Benefits and Expenses
- Replacement Housing if Needed

ODOT Right of Way personnel are in attendance to answer any questions
Next Steps

- Receive Comments from Public
- Complete Environmental Document
- Complete Preliminary Design Plans
- Begin Right-of-Way Acquisition & Utility Relocations
- Prepare Final Design Plans
- Construction of Project then begins
Schedule of Improvements

- Schedule as identified in the ODOT 8 Year Construction Work Plan
- Right-of-Way Starting in 2015
- Construction Starting in 2018

Availability of funding ($48.2 Million Est.) may affect the timeline for these projects.
Questions & Comments

- More information is available online at [www.odot.org/publicmeetings](http://www.odot.org/publicmeetings)
- Comments may be provided as following:
  - Leave your comment form here tonight
  - Mail or fax forms to ODOT:
    Oklahoma Department of Transportation
    Environmental Programs Division
    200 NE 21st Street
    Oklahoma City, OK 73105
    Fax No. (405) 522-5193
  - Email comments to:
    [environment@odot.org](mailto:environment@odot.org)
- Comments due by October 13, 2015