

## **TEXAS TRANSPORTATION REPORTS 2011**

### **AIRPORTS**

Landside Freight Access to Airports: Findings and Case Studies

<http://tti.tamu.edu/documents/0-6265-1.pdf>

Guidebook on Landside Freight Access to Airports

<http://tti.tamu.edu/documents/0-6265-P1.pdf>

### **BRIDGE**

Development of Precast Bridge Deck Overhang System: Technical Report

<http://tti.tamu.edu/documents/0-6100-3.pdf>

Guidelines for Designing Bridge Piers and Abutments for Vehicle Collisions

<http://tti.tamu.edu/documents/9-4973-P2.zip>

Collision Loads on Bridge Piers: Phase 2. Report of Guidelines for Designing Bridge Piers and Abutments for Vehicle Collisions

<http://tti.tamu.edu/documents/9-4973-2.zip>

Development of a Precast Bridge Deck Overhang System

<http://tti.tamu.edu/documents/0-6100-1.pdf>

### **EVACUATIONS**

Prototype Design for a Predictive Model to Improve Evacuation Operations: Technical Report

<http://tti.tamu.edu/documents/0-6121-1.pdf>

### **FINANCE**

Development of the Texas Revenue Estimator and Needs Determination System (T.R.E.N.D.S.) Model: FY 2010 Activities

<http://tti.tamu.edu/documents/0-6395-TI-2.pdf>

### **MAINTENANCE**

Review of Best Practices for the Selection of Rehab and Preventive Maintenance Projects

<http://tti.tamu.edu/documents/0-6586-1.pdf>

### **PAVEMENT**

Evaluation and Development of Pavement Scores, Performance Models and Needs Estimates: Phase I Activities

<http://tti.tamu.edu/documents/0-6386-2.pdf>

Field and Laboratory Investigations for Full Depth Reclamation Projects

<http://tti.tamu.edu/documents/0-6271-1.pdf>

Development of Field Performance Evaluation Tools and Program for Pavement Marking Materials: Technical Report

<http://tti.tamu.edu/documents/0-5548-1.pdf>

## **PLANNING**

Rural Planning Organizations - Their Role in Transportation Planning and Project Development in Texas:  
Technical Report

<http://tti.tamu.edu/documents/0-6483-1.pdf>

Incorporating Sustainability into TxDOT's Transportation Decision Making: Updated Workshop Materials

<http://tti.tamu.edu/documents/5-5541-01-P2.zip>

Workshops on Corridor Management and Preservation in Texas

<http://tti.tamu.edu/documents/5-5606-01-P1.zip>

Delivery of Pilot Workshop on Preserving and Enhancing the Functionality of Highways in Texas

<http://tti.tamu.edu/documents/5-6208-01-1.pdf>

Evaluating the Impact of Overweight Load Routing on Buried Utility Facilities

<http://tti.tamu.edu/documents/0-6394-1.pdf>

Assessment of Public Involvement

[http://www.tsu.edu/PDFFiles/academics/science/program/transportation/CTTR/Publications\\_Reports/TxDOT%200622%20Final%20Report.pdf](http://www.tsu.edu/PDFFiles/academics/science/program/transportation/CTTR/Publications_Reports/TxDOT%200622%20Final%20Report.pdf)

## **RAILROADS**

Abandoned Rail Corridors in Texas: A Policy and Infrastructure Evaluation

<http://tti.tamu.edu/documents/0-6268-1.pdf>

## **REST AREAS**

Benefits of Public Roadside Safety Rest Areas in Texas: Technical Report

<http://tti.tamu.edu/documents/0-6267-2.pdf>

## **RIGHT OF WAY**

Implementation of TAMSIM and EROW Right-of-Way Acquisition Decision-Support Tools

<http://tti.tamu.edu/documents/5-5534-01-1.pdf>

North Region ROW Tool Implementation Workshop

<http://tti.tamu.edu/documents/5-5534-01-P1.pptx>

Feasibility and Applications of RFID Technologies to Support Right-of-Way Functions: Technical Report

<http://tti.tamu.edu/documents/0-6142-1.pdf>

## **ROADSIDES**

Synthesis and Study of the Roadside Vegetation Establishment Process

<http://tti.tamu.edu/documents/0-5731-1.pdf>

## **SAFETY**

Development of A MASH TL-3 Median Barrier Gate

<http://tti.tamu.edu/documents/9-1002-2.pdf>

Operations and Safety of Super 2 Corridors with Higher Volumes

<http://tti.tamu.edu/documents/0-6135-1.pdf>

Mash Test 3-10 on 31-Inch W-Beam Guardrail with Standard Offset Blocks

<http://tti.tamu.edu/documents/9-1002-4.pdf>

Mash Test 3-11 of the TxDOT Single Slope Bridge Rail (Type SSTR) on Pan-Formed Bridge Deck

<http://tti.tamu.edu/documents/9-1002-3.pdf>

Mash Test 3-11 on the Texas T101 Bridge Rail

<http://tti.tamu.edu/documents/9-1002-1.pdf>

## **SOILS**

Rapid Field Detection of Sulfate and Organic Content in Soils: Technical Report

<http://tti.tamu.edu/documents/0-6362-1.pdf>

Design of Inclined Loaded Drilled Shafts in High-Plasticity Clay Environment

<http://tti.tamu.edu/documents/0-6146-1.pdf>

Implementation of the UV-VIS Method to Measure Organic Content in Clay Soils: Technical Report

<http://tti.tamu.edu/documents/5-5540-01-1.pdf>

## **TRAFFIC**

Development of Guidelines for Triple Left and Dual Right-Turn Lanes: Technical Report

<http://tti.tamu.edu/documents/0-6112-1.pdf>

Treatments to Reduce the Frequency of Freeway Exit Sign Hits

<http://tti.tamu.edu/documents/0-6120-1.pdf>

Evaluation of Traffic Control Devices, Year 2

<http://tti.tamu.edu/documents/9-1001-1.pdf>

Triple Left-Turn Lanes: Keys to Successful Public Outreach

<http://tti.tamu.edu/documents/0-6112-P1.zip>

Operational Performance Management of Priced Facilities

<http://tti.tamu.edu/documents/0-6396-1.pdf>

## **TRANSIT**

Rural and Urban Transit District Benchmarking - Effectiveness and Efficiency Guidance Document

<http://tti.tamu.edu/documents/0-6205-P1.pdf>

Peer Grouping and Performance Measurement to Improve Rural and Urban Transit in Texas

<http://tti.tamu.edu/documents/0-6205-1.pdf>

Sizing and Serving Texas Urban Gaps

<http://tti.tamu.edu/documents/0-6473-1.pdf>

Evaluating the Impact of Transit-Oriented Development

<http://www.unt.edu/cedr/FHWA-TX10-0-6511-1.pdf>

**WORK ZONES**

Work Zone Positive Protection Guidelines

<http://tti.tamu.edu/documents/0-6163-1.pdf>

Assessment of Need and Feasibility of Truck-Mounted Changeable Message Signs (CMS) for Scheduled and Unscheduled Operations: Technical Report

<http://tti.tamu.edu/documents/0-6167-1.pdf>