LTRC welcomes you to the

Louisiana Pavement Conference

October 2004
Joe’s Objectives

- Welcome
- Give context for this conference
- Provide TTEC status
- Recognize conference planners
Created by R.S. 48:105 in 1986

Cooperative research, technology transfer and training center jointly administered by LADOTD and LSU
Functions and Duties of LTRC

- To develop & conduct a nationally recognized research program in transportation systems
- To offer educational & training programs
- To develop & implement a technology transfer program
- To establish cooperative relationships with universities, associations & agencies
- To report & publish research findings

RS 48:105
What is LTRC?

From DOTD’s Perspective, **LTRC** is a Division

From LSU’s Perspective, **LTRC** is a research institute in College of Engineering
LTRC’s Role in LA Transportation Community

- Research & Development
- Education & Training
- Technology Transfer
Louisiana Transportation Research Center
How Does This Conference Help Fulfill LTRC’s Service Mission?
A need exists for

- Smaller
- More focused

Technical Conferences
2004 LA Transportation Engineering Conference
February 15-18, 2004

- Attendance – 1600+
- Public – private – academic participation

- 53 technical sessions
- 9 professional development sessions
- Local & national speakers
Other LTRC - $T^2$ Services

- Workshops
- NHI & Continuing Education Courses
- Technical Courses
- Management / Professional Development
- Structured Training
- Research Reports
- Newsletters
LTRC’s Current Offerings

- LA Transportation Engineering Conference
- Workshops
- NHI & Continuing Education Courses
- Technical Courses
- Management / Professional Development
- Structured Training
- Research Reports
- Newsletters

Fills gap: Focused Smaller Conferences
Technical Conference Parameters

Duration: 1 – 2 days

No-frills planning

Attendance: 100 – 200 max

Attract: DOTD / Contractor / Consultants / Suppliers / Local Govt.

Timing: Approx. 2 / yr; not within 6 mo of LTEC

Topics: Somewhat focused technical areas

Planning: Involve all industry partners

Offer: Professional Development Hours Credit
Objectives for Focused Technical Conferences

LTRC provides technical leadership through a forum which:

- Presents & demonstrates new technologies
- Implements / publicizes LTRC research
- Discusses / resolves problems
- Imports best practices of others
- Involves transportation community
How Does This Conference Meet Our Objectives?

Attendance

DOTD  139
Industry  102
241
How Does This Conference Meet Our Objectives?

Agenda

• Present / demo technologies
  -- Field trip to BR Traffic Mgmt Center
  -- Demos of LTRC research equipment

• Implement / publicize LTRC research
  -- Impact of ALF
  -- Base aggregate interlayers
  -- Sub-grade stabilization
  -- Trench backfill
How Does This Conference Meet Our Objectives? (contd)

• Import best practices of others
  -- Pavement Design Guide (Washington)
  -- Traffic in Design (Iowa)
  -- Web-based Management System (Washington)

• Involve industry partners
  -- Asphalt Institute
  -- NCAT
  -- ACPA
  -- Ames Engineering
  -- ERES Construction
How Does This Conference Meet Our Objectives? (contd)

• Offer PDH’s
  -- Document in Conference Program

• Discuss / resolve problems
  -- Work zone traffic studies
  -- Smoothness specifications
  -- Tire / pavement noise
  -- Reflection cracking
LTRC Provides Technical Leadership

You decide – evaluation to be e-mailed to attendees
Future Conference Topics

- Asphalt technology
- Geotechnical engr.
- Concrete technology
- ???

Your Input is Required
Conference Program Committee

Mark Morvant, Chair  LTRC  Kirk Zeringue  DOTD
Mike Boudreaux  LTRC  Jay McCain  DOTD
Kevin Gaspard  LTRC  Kim Martindale  DOTD
Masood Rasoulian  LTRC  Charles Adams  DOTD
Marie Walsh  LTRC  Phil Arena  FHWA

Private Sector Input
Conference Planning & Arrangements

- Sandy Romero  LTRC
- Mike Boudreaux  LTRC
- Others
TTEC

An exciting LTRC project that benefits all of you
An LTRC Partnering Initiative

LTRC Foundation, Inc.

Connecting

Government  Industry

Academia
What Is the LTRC Foundation?

- The Foundation is a nonprofit, 501(c)3 corporation formed to enhance and support LTRC.

- LTRC is committed to establishing cooperation in the transportation community to improve transportation systems in Louisiana.

- The Foundation represents a unique opportunity for government, industry, and academia to work together.
LTRC Foundation Board of Directors
Current DOTD/LTRC Members

- Bill Temple
  Chief Engineer, DOTD

- Blaise Carriere
  Deputy Secretary, DOTD

- Joe Baker
  Director, LTRC

- Ken Perret
  Asst. Sec. Planning & Programming, DOTD

- Kirt Clement
  Associate Director, Tech Transfer, LTRC

- Harold “Skip” Paul
  Associate Director, Research, LTRC
LTRC Foundation Board of Directors
Current University Members

- Dr. Freddy Roberts
  Program Chair, C.E. Dept., LTU

- Dr. Ernest Walker
  Dean of Engineering, SU

- Dr. Robert N. Bruce, Jr.
  Prof. of Civil &
  Environmental Eng. Dept., Tulane

- Dr. Robert Wang
  Chair, C.E. Dept., ULL

- Dr. J.O. Uppot
  Coordinator, C.E. Dept., McNeese

- Dr. Kenneth McManis
  Chair, C.E. Dept., UNO

- Dr. Mehmet Tumay
  Assoc. Dean of Research,
  C.E. Dept., LSU
LTRC Foundation Board of Directors
Current Industry Members

Bobby Yeargain
Louisiana Asphalt Paving Association

Bobby Overall
Associated General Contractors

Craig Duos
Concrete and Aggregates Association of Louisiana

Three additional positions to be named later
First Goal of the Foundation

Construct a Transportation Training and Education Center for the entire community

TTEC
TTEC Philosophy

Training, education, & tech transfer are the keys to the effective progression of Louisiana to a position of leadership in transportation.
Vision

• LTRC will be the focus for transportation education, training, and technology transfer in LA and a leader in the nation. The proposed facility will provide a forum through which to channel the collective training and educational resources of the department, our state universities, and the private sector to enhance training and technology transfer opportunities.
Purpose

• To facilitate the delivery of transportation related professional development opportunities, continuing education, technology transfer and training for engineers, technicians, and related disciplines in both the public and private sectors
LTRC Training/Education Center

A 14,000 sq. ft. facility with:

- Lecture facility for 100
- Computer classroom
- Transportation library
- Conference room
- Offices
- Distance learning / video conferencing with Districts / Universities
- 2 Classrooms, each with 40-student capacity
TTEC Floor Plan
Benefits

• More efficient delivery of training
• Availability to a larger population
• Higher quality training
• Greater variety of courses available
• Synergism through partnership of DOTD, state universities, and private sector
Who will benefit?

- Public and private sectors
  - Engineers
  - Surveyors
  - Technicians
  - Consultants/contractors
  - Other transportation professionals

What will be offered?

- Engineering continuing education
- Technician training
- Job skills training
- Demonstration projects
Who Will Teach in TTEC?

- LTRC/DOTD staff
- University professors
- Training Consultants
- Industry association representatives
- Vendors / suppliers / contractors / consultants

You ?????
## TTEC Funding Status

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Total Estimated Cost</td>
<td>$ 3,400,000</td>
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<tr>
<td>DOTD Contribution</td>
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<td>LSU Contribution:</td>
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<td>GOB</td>
<td>$ 1,458,000</td>
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<tr>
<td>Land</td>
<td>--</td>
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<tr>
<td>LTRC Foundation Contribution</td>
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<tr>
<td>Foundation Needs to Raise to Equip Facility</td>
<td>$ 500,000</td>
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</table>
Status of LTRC Transportation Training and Education Center (TTEC)

A Public / Private / Academic Partnership

Construction Cost: $2.425 M

Construction began August 16, 2004;
To be completed in 365 calendar days

Located adjacent to current LTRC building on LSU campus
TTEC Needs

$ 500,000 Equipment
Why Should Our Private Sector Partners Contribute?

• Your own personnel will benefit
• Our industry will be more progressive and informed
• You want to “give something back” to the industry that supports you
• You have a sense of civic duty
• You need a tax deduction
• Your instinct is to “partner”
• LTRC needs the help
TTEC

Private Sector Partners

We Need Your Financial Support

NOW!
LTRC
World Wide Web Home Page

http://www.ltrc.lsu.edu