Overview

- Update on the CTTP
- Where is technology headed
  - History lesson
  - TxDOT’s TxTag® program
  - TxDOT’s Video Billing program
Central Texas Turnpike Project Update

- 68 miles of new turnpike in and near Austin
- Construction nearing completion on parts of system
- Ahead of schedule, under budget
- 4 of 7 major plazas open Fall, 2006

“Traditional Systems” Express ETC and Cash
Express ETC

Cash lanes

- Booths or machines
CTTP Toll Systems

• Field equipment – United Toll Systems
  – Vehicle detection and classification, RFID equipment, terminals, fiber, switches, computers
  – Installation under way in most sections
  – Testing in July
  – Opening in Fall 2007

• Customer Service Center – VE Systems
  – Open Now! www.TxTAG.org or 1-888-GO-TXTAG
  – Interoperable in Houston, Dallas

Where is Technology Headed - History

• Manual toll collection - ???B.C. to 1940’s
• Manual + automatic coin machines 1950’s
• ETC in lane + manual/ACM lanes 1980’s
• Express ETC + manual/ACM lanes 1990’s
The TxTag ® Program

- Microchip sticker
- State of the art technology
- Statewide interoperability
  - Dallas
  - Houston
  - Tyler
  - Austin

Ensuring Success

- Make it convenient
  - Easy to get
  - Easy to use
  - Use it on any road, immediately
  - 24/7 customer service

- Make it inexpensive
  - Low initial cost ($20.00 to open account)

- Make it inclusive
  - Credit
  - Cash
Get a TxTag

- Online
- Travel Centers
- By Phone
- Retail
- Mail

Adding Funds

- Account management card with each TxTag issued
- Provides access to TxTag account allowing customer to add funds as needed
Multiple Ways

- **Manual Pay**
  - Credit Card—Online, retail partner, phone
  - Cash—Retail partner
  - Check—by mail

- **AutoPay**
  - Allows customer to link a credit card to TxTag Account to automatically replenish funds as needed

Where Technology is Headed

- **Express ETC + cash**
  - Pioneered at HCTRA (Houston), Oklahoma, TCA’s (Orange County, CA)
Express ETC + Cash - Benefits

- Flexible payment options
- Full service
- Ideal for congested projects
- Reduces plaza size

Express ETC + Cash - drawbacks

- Substantial plazas on large projects
Express ETC + Cash – small projects

- Not efficient on small projects

ETC Only
ETC Only

• Advantages
  – Eliminate toll plazas
  – Convenient for frequent users
  – Safer
  – Environmental benefits
    ▪ No stopping
    ▪ No plazas

• Disadvantages
  – Not convenient for occasional users
  – Revenue haircut

ETC Only Disadvantages

• Not so convenient for infrequent users or persons w/o credit

• Haircut for lost revenue
Where Technology is Headed

- Texas Transportation Commission Vision
  - No more toll booths!

- TxDOT Implementation
  - Express ETC + Video Tolling

Video Billing
Video Billing

- Process
  - Vehicles with TxEtTag® (TollTag or EZ-TAG)
    - Process as normal ETC transaction
  - Vehicles without tags
    - No pre-registration, just drive
    - Mail invoice to vehicle registered address
    - Customer pays by check, credit/debit card, via web, phone, mail

Video Billing - Signing

- Signing is an issue:
  - NO TAG? NO PROBLEM WE BILL YOU
  - TXTAG OK
  - NO TAG? WE BILL YOU
Video Billing

Customer friendly, no more violations

Two types of customers

• Customers that have paid
• Customers that have not paid
  – Multiple invoices
  – Unpaid invoices go to collections
  – Uncollected invoices subject to fees, fines, court

Video Billing Rates

• No changes to ETC program
• Video rate = ETC rate + video fee (~1/3 base toll)
• Fee for mailed statements
Video Billing + ETC - Benefits

All benefits of ETC only, plus:

- Convenient for all (infrequent and un-banked)
- Minimal haircuts from T&R
- Increased operating cost offset by fees

TxDOT Video Billing Implementations

- SH121 in Denton County (DFW)
  - September, 2006
- Loop49 in Tyler
  - November, 2006
- Additional projects to follow
  - TxDOT operated projects
  - Concessions
Questions?

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