Events outside U.S.

OOCEA example

Policy shift toward tolling

Discuss some recent events affecting the U.S.

The Future of the U.S. Toll Industry
Events in the Industry

• Currently - No Cash Express

• 1995 - 1998 Dedicated Lanes

• 1990 - 1995 ETC

• Cash Toll Collections

• 1930's - 1980's Gate Operated
+ ORT - 2200 VPH
+ 1900 VPH
+ Dedicated Lanes with no gates
+ Coin - 550 VPH
+ Cash - 400 VPH

Effects of ETC
Effects of ETC

- Focus on customer
- Less recognition toll paid
- Safer travel
- More time savings
- Higher customer satisfaction
Registrations, VMT up
7 of 18 cents exemption
MTBE, move to Ethanol
CAFE going up
Gas tax receipts down

Synchronous Events

AUTHORITY}
EXPRESSWAY
1993 and 1997
Delays increased 4.5% between
1997 - 2002, increased 81.7%
Construction materials cost

2002 - 28 mpg
1972 - 14 mpg

New vehicle fuel economy

Brookings Study
Policy Recommendations

Connect paying to service received

Promotes user fee, tolling

Level

Move the agenda back to the state

Devolution to local level
Policy Shift on Tolling

Minnesotans – SOV on HOV tolling

Texas – Regional authorities

North Carolinians – new turnpike

Illinois – attempt to end tolls
Current Reauthorization

TEA 21 Interstate Maintenance

Restrictions

ISTEA Removed Some

Toll Prohibition Prior to ISTEA

Federal Policy Shift
Revenues $150 mm/yr
Limited access roads only
Central Florida area
Forty year history of tolling

OCCEA Case
OVERVIEW

40 member staff
Authority board
Oversight by 5 member
Government agency created in
1963

EXPRESSWAY

AUTHORITY
$781 Million
Five-Year Work Plan
England - city congestion (little)
Germany - GPS/GSM (none)
Austria - Revenue CVO (sticker)
Long history of tolling
Europe - E.U. Expansion

Events Outside U.S.
January 2004
$750 million new revenue
using DSRC
New toll just CVO on 2000 km
Current tolling $75/yr tag

Australian Case
Previously no tolling

$3.5 Billion Revenue 1st Year

Complete this August

12,000 Km CV0 only

GPS/GSM method of tolling

Germany Case
Toll expansion is occurring in the U.S. and throughout the world as a method to meet needs for transportation. Gas taxes are not likely to keep pace electronically, but tolls can be easily collected.

Conclusions