

Tampa-Hillsborough County Expressway Authority



TO MAKE A DIFFERENCE

OUR COMMITMENT TO OUR REGION NEVER ENDS.

Central Florida Expressway Authority Bus Toll Lanes Presentation

by Joe Waggoner, Executive Director
March 12, 2015

Bus Toll Lane Concept

A Transit Concept

Combining Transit and Toll Finance Elements

- *Transit Invests* to Help Build New Express Lanes
- Price Managed for Service – Speed & Reliability
- Buses Have First Call On Express Lane Capacity
- Open to Drivers as Willing Toll Payers in the Express Lanes
- Helps “Free” Lanes – Adding New Vehicular Capacity
- Makes Transit a Competitive Choice
- Provides Revenue to Grow Future Mobility

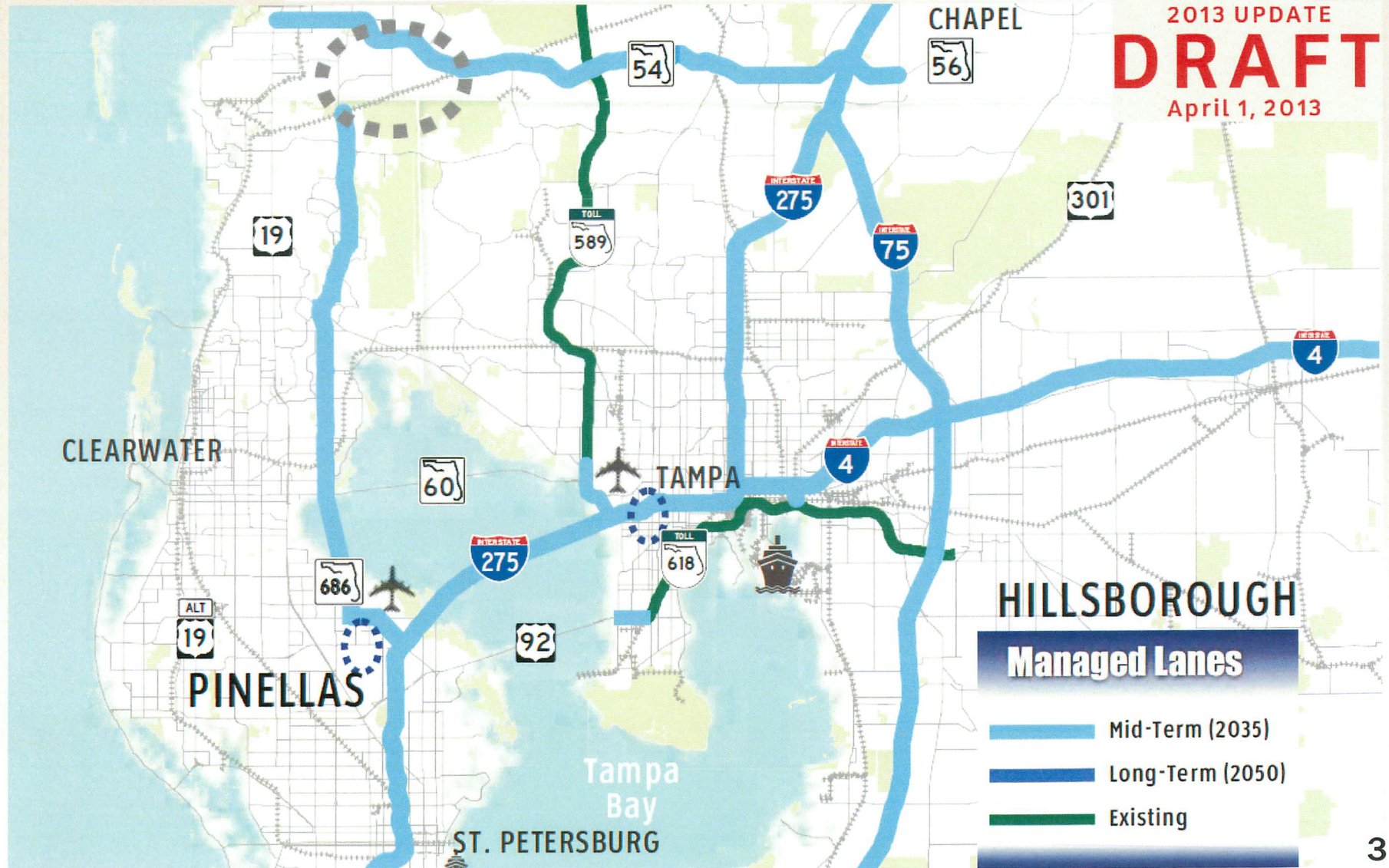
TBARTA Master Plan

Managed Lanes (Excerpt for Hillsborough County)

2013 UPDATE

DRAFT

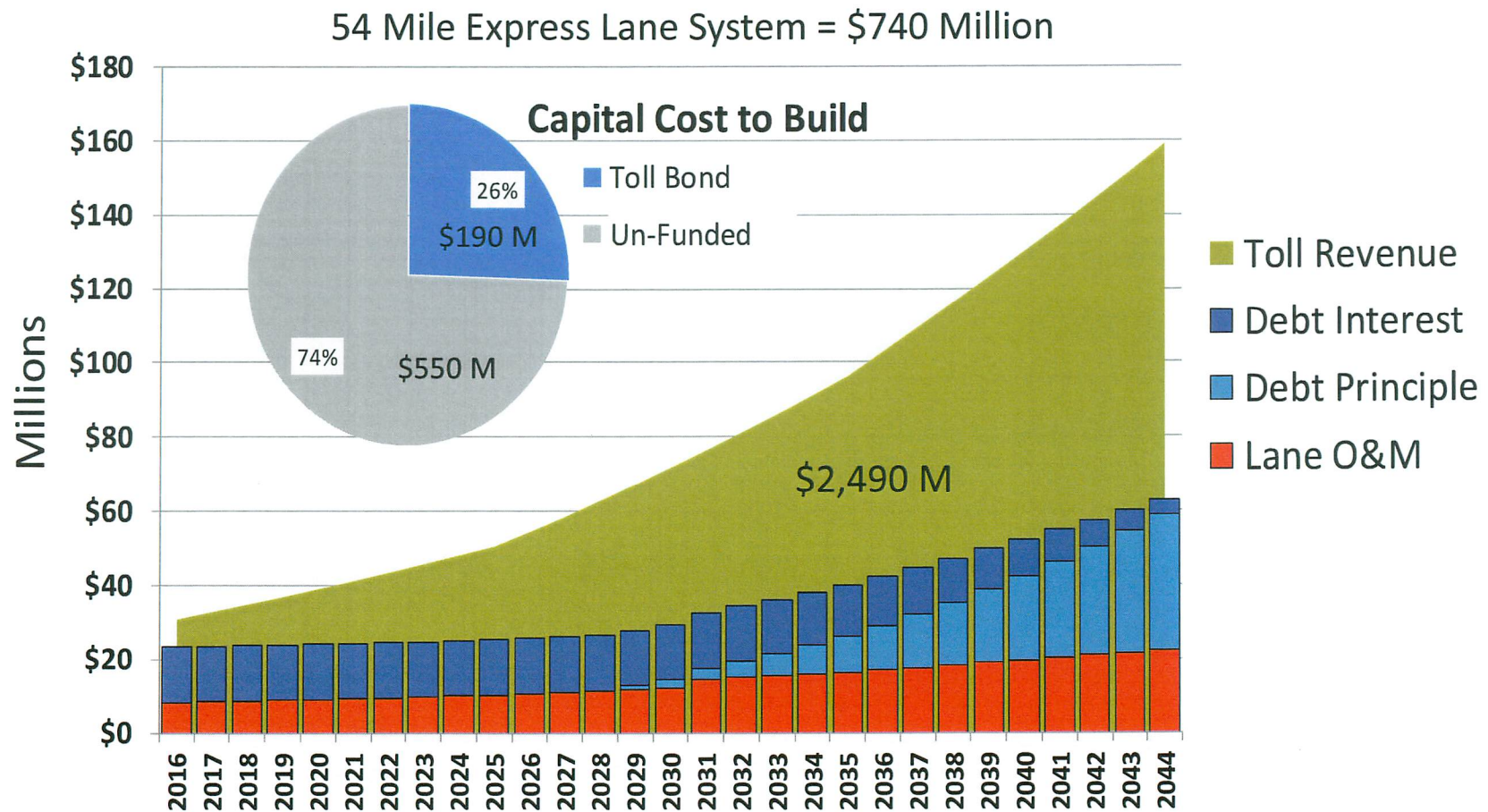
April 1, 2013



Traditional Funding Challenges

30-Year Forecast

Price Managed Lanes: **The Challenge of Capital Financing**



Traditional Funding Challenges

30-Year Forecast

Premium Bus Service - The Challenge of Funding Operations and Maintenance

Dollars in Millions	New Premium Bus
Bus Capital Cost	\$33

Bus Revenue	\$70
Bus O&M Cost	\$588
Net Revenue	(\$518)

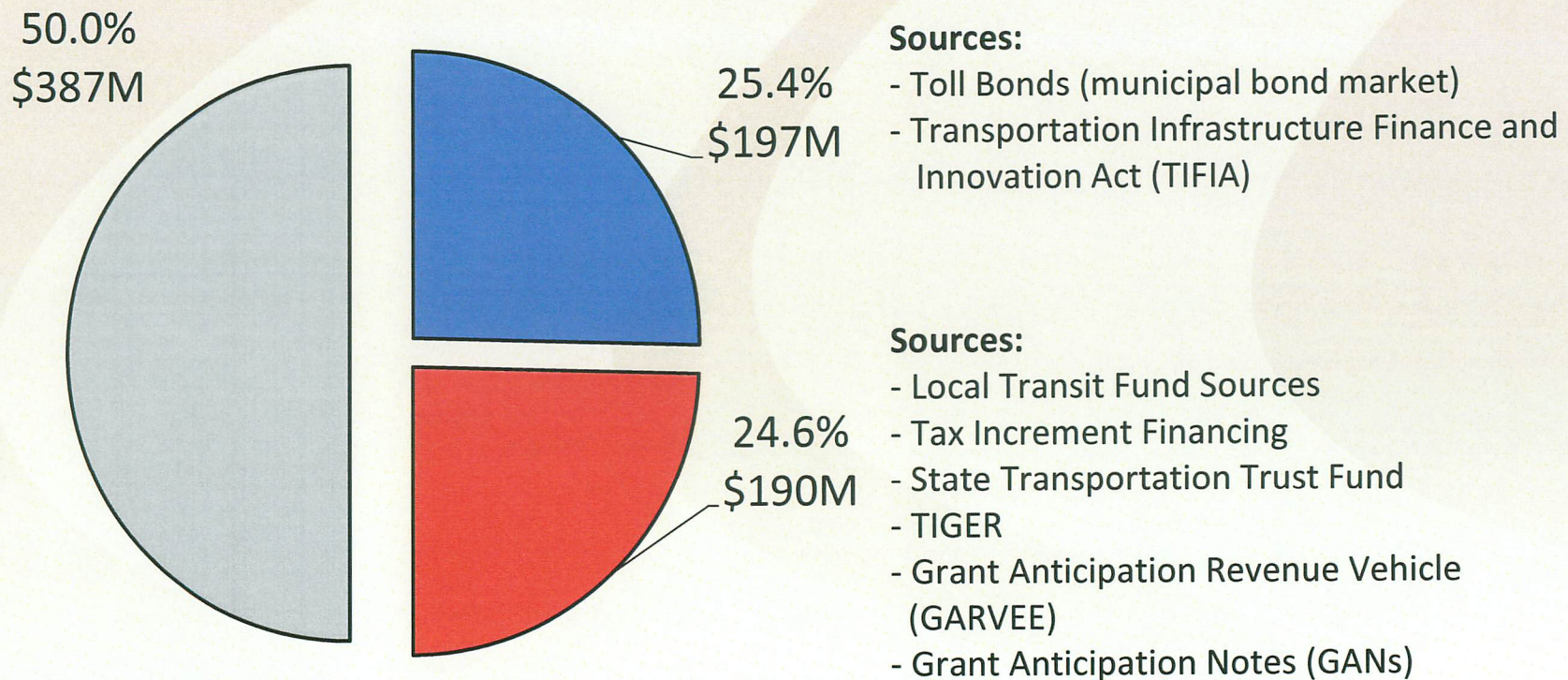
Unfunded Operating	(\$518)
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30 Year

Bus Toll Lane

Capital Financing

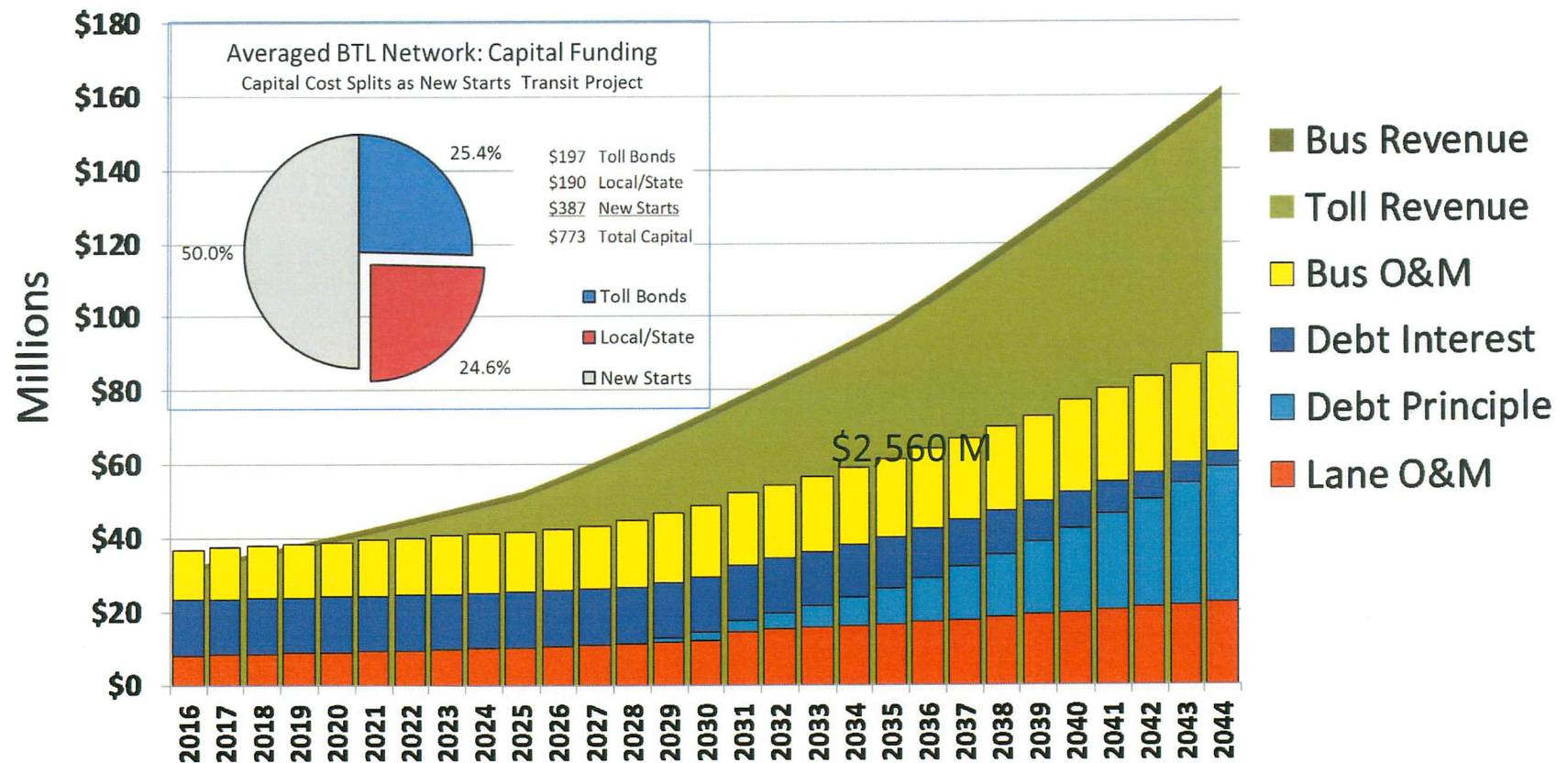
\$773 Million Capital Cost Splits as Transit Project



■ Toll Bonds
 ■ Local/State
 ■ New Starts

The Bus Toll Lane Funding Concept

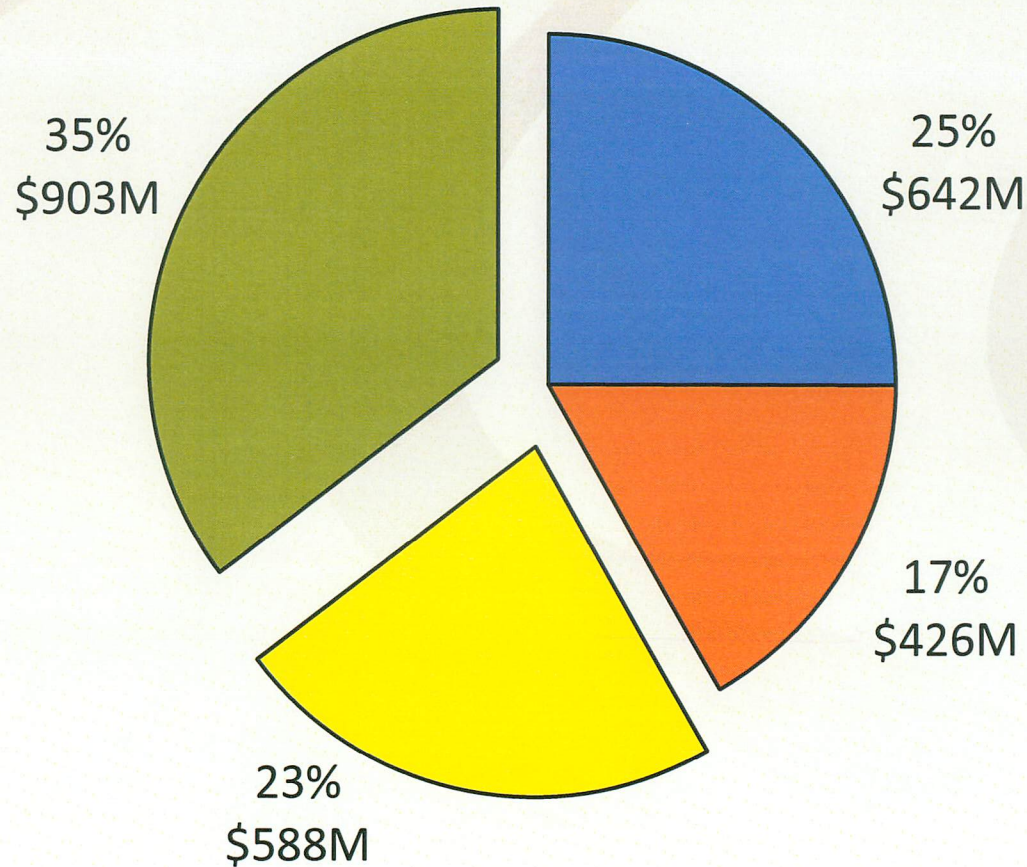
30-Year Forecast



Bus Toll Lane

30-Year Forecast: Use of Revenue

Total Revenue Value = \$2,559 Million

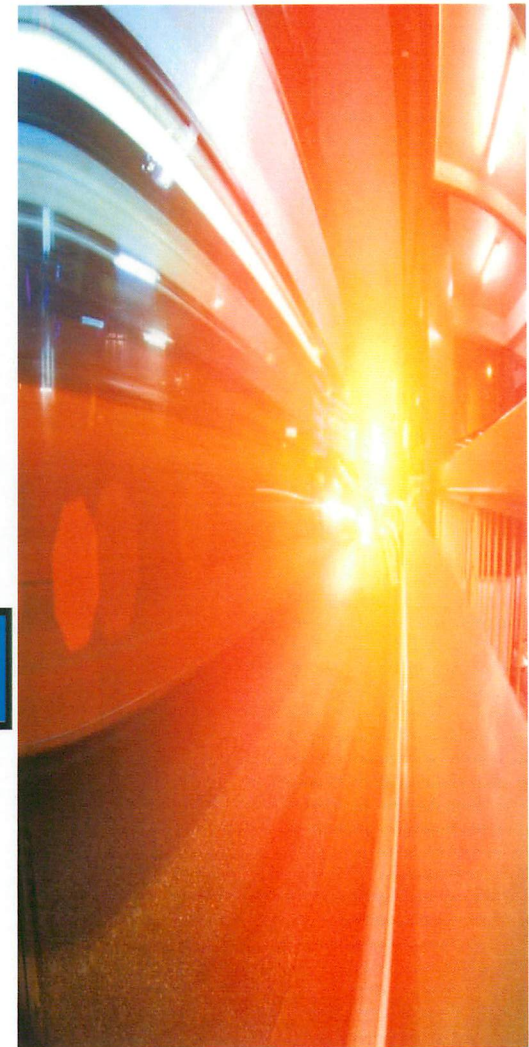


■ Bond Cost (P&I) ■ Guideway O&M ■ Transit O&M ■ Net Revenue

Price-Managed Lanes

Comparison to Other Lane Types

BTL – MOVE PEOPLE!			
Condition (Vehicle Occupancy Rate = 1.1)	Buses Per Hour	Person Throughput Per Hour	Comparison to General Purpose Lane
General Purpose Lane With Severe Congested	0	1100	100%
Price-Managed Express Lane No Transit	0	1815	165%
BTL 15 Minute Headway	4	1977	180%
BTL 10 Minute Headway	6	2058	187%
BTL 5 Minute Headway	12	2302	209%
BTL 2 Minute Headway	30	3032	276%
BTL 1 Minute Headway	60	4248	386%



Proposed Amendments

Fixed Guideway - revert to the prior definition of "fixed guideway" to allow the use of right of way usable by other forms of transportation.

Dedicated to Transit Use - define this term to be "a right of way that gives first priority to transit use during peak periods; and, that is owned by a designated grant recipient, under the operational control of a designated grant recipient, or, where a designated grant recipient enters into a long term lease agreement (25-years or longer) with a State to provide public transportation for a project that receives funding under section 5309."