



Commuter Rail Update

Gerald M. Ross, P.E.
Chief Engineer



Commuter Rail Implementation Plan

□ *Plan Elements*

- *Project Management Plan*
- *Environmental Re-evaluation*
- *Technical Support*
- *MMPT Phase I Implementation*
- *Equipment Procurement*
- *Layover Yard Implementation*
- *Line and Station Implementation*
- *Telecommunications / Fare Collection*
- *Grade Crossing Upgrades Implementation*
- *Resolution of Rail and Adjacent Hwy Projects*
- *Operations Start up Plans and Coordination*
- *Project Administration*
- *Detailed Schedule*

** Scheduled for October 17, 2008 Completion*

Commuter Rail Implementation Plan Summary

Critical Issues

- ❑ *Funding*
 - *Capital and Operations & Maintenance*
- ❑ *Equipment*
 - *New, Used or Leased*
- ❑ *FTA/Federal Requirements*
 - *National Environmental Policy Act (NEPA)*
 - *Update or New Document*
 - *Americans with Disabilities Act Compliance*
 - *Platform Heights/Accommodations*

Commuter Rail Implementation Plan Summary (Cont'd)

Other Issues

- ❑ *Right-of-Way*
 - *Station Sites and Parking Lots*
- ❑ *Operations*
 - *Norfolk Southern or 3rd Party (under NS Rules)*
- ❑ *Liability*
- ❑ *Indemnification*
- ❑ *Project Management Plan*
 - *Required by FTA*



Commuter Rail Implementation Plan Summary (Cont'd.)

New Issues

- *Positive Train Control*
 - *Recent Legislation (H.R. 2095)*
 - *Purpose to Prevent:*
 - *Train to Train Collisions*
 - *Over Speed Derailments*



Commuter Rail Implementation Plan Summary (Cont'd.)

Capital Funding

- *2008 Capital Project Cost Estimate – \$191 M**
 - *Atlanta to Lovejoy..... \$137.0 M*
 - *Lovejoy to Griffin \$ 54.0 M*

- *Available Funds\$83.6 M*
- *Required Additional Funds\$107.4 M*

* add 15% (contingency)



Commuter Rail Implementation Plan Summary (Cont'd.)

Operation and Maintenance Funding

□ 2010-2029 O & M Cost Estimate:

	<u>2010</u>	<u>2029</u>
○ Atlanta to Lovejoy/Griffin.....	\$7.40M	\$15.1M
○ Fare Income.....	<u>\$2.97M</u>	<u>\$6.84M</u>
○ Required Assistance	\$4.43M	\$8.26M

□ Available CMAQ Funds..\$5.5 M/Year

- First 3 Years Only
- Requires 20% State Match



Deal Breakers

- *Norfolk Southern Agreement*
 - *Access & Upgrades*
 - *Liability and Indemnification*

- *Capital and Operating Funds*
 - *FTA Requires Financial Plan*



Policy Decisions

- ❑ *State commitment letter to Norfolk Southern*
 - *Authorize expenditures for track & signal design*
 - *Negotiate a “Term Sheet” for NS Deal*
- ❑ *Commuter Rail Operating Partner*
 - *(GRPA/GRTA/SRTA/Marta)*
- ❑ *Contract for Operations (if not NS)*
- ❑ *Single contract for construction*



Startup Schedule Options

March / 2011 Startup

NS Turn-key Solution (provide equipment, operate and maintain)

- *Re-evaluate Environmental Documents*
- *Re-confirm ADA Compliance*
- *Funding resolved by April 2009*

September / 2011 Startup

GDOT Procures Used Equipment

- *Re-evaluate Environmental Documents*
- *Re-confirm ADA Compliance*
- *Funding Resolved by April 2009*



Startup Schedule Options

March / 2012 Startup

GDOT Procures New Equipment

- *Pending Manufacturing Availability*

New Environmental Document Produced

- *Re-confirm ADA Compliance*
- *Funding Resolved by April 2009*

