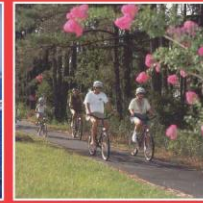
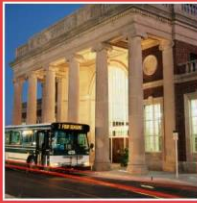




Fast Lanes Stakeholder Workshop

December 13, 2012



I-77 North Public Private Partnership (P3)

Scott Cole, P.E. & Tim Boland, P.E.

I-77 South Feasibility Study

Derrick Lewis





Project Objectives for I-77 Corridor

- **Accelerate the improvement of mobility and address current and future congestion needs**
 - Further the vision for mobility in the region
 - Use HOT lanes and variable tolling to facilitate long term congestion management
 - Realize reliable travel time
 - Ensure integration with other projects in the corridor
 - Address current and projected operational issues in the corridor
- **Minimize public contribution and use private financing**
 - Increase certainty of delivering the Project
 - Provide substantial savings to the Project through decreased debt costs
- **Achieve policy and program success**
 - Ensure long term policy protections enshrined in agreements
 - Coordinate operations and maintenance activities in the corridor
 - Use Public-Private Partnerships (P3) thoughtfully and effectively



Southbound I-77, AM Rush Hour North of Gilead

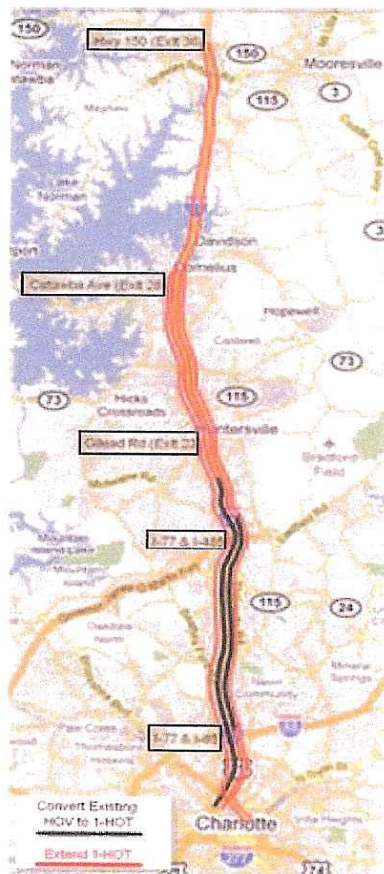


Managed Lanes with Tolling System





Project Scope

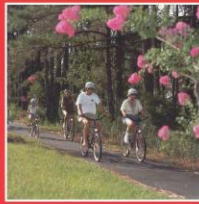
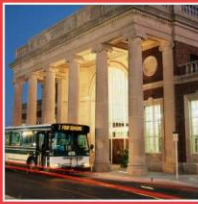
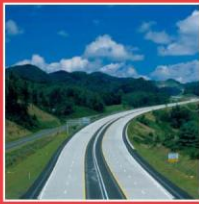


| Section | HOT Lanes | Section Limits |
|---------|-----------|--|
| South | 2 | 2.5 miles on I-77 and 1.5 miles on I-277 with direct HOT lane connector to I-277 |
| Central | 2 | 15 miles from I-85 to Exit 28 (Catawba Avenue) |
| North | 1 | 8 miles from Exit 28 to Exit 36 (NC 150) |

- Proposed scope makes economic sense from a state and stakeholder perspective
- Southern section at the heart of the value proposition for the Project by providing critical direct access to I-277 and decreasing user travel time in and out of downtown Charlotte¹
- Transportation network more complete with northern section serving large and growing communities
- Potential to link future I-85 managed lanes to I-277 via the I-77 HOT lanes

¹ See Appendix for scope analysis

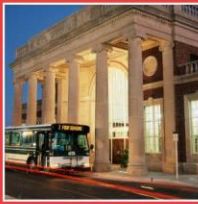
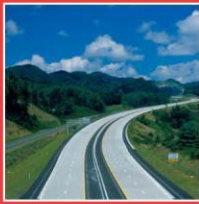




Concerns

- General Purpose Lanes versus HOT Lanes Maintenance
- Public Perception of what a “Toll” road looks like
- Surface Street Improvements
- Access to HOT Lanes and merging traffic
- Long Term versus Short Term
- Fence to Fence concept is a limiting factor
- Handover Clause – what we get back after 50 years
- Air Quality and Traffic Projections – MUMPO
- Recession Recovery





(P3) Procurement Schedule

NEPA Documents

- Environmental Assessment in April, 2013
- FONSI in June 2013
- Conformity Documentation is ready for approval.
- Traffic – Current Volumes are used.
- Air Quality – Future impacts assessed.

Proposal Documents

3rd Draft RFP to 4 shortlisted firms: This Month

Issue Final RFP: March 2013

Bids Due: June/July 2013

Best Value Determination: August 2013

Under Contract: September 2013





Funding

Transportation Infrastructure Finance Innovation Act – TIFIA
(Current Rate is 2.83% Loan)

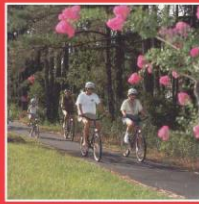
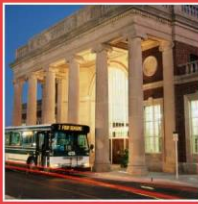
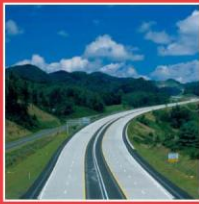
Division 10 & 12 Equity & Future TIP being considered by MUMPO

Public Funds – Mobility Fund and TIFIA Loan

Private – Bonds & Investors

\$500,000,000 + overall project cost





Recent Activities

Traffic and Revenue (T and R) Studies

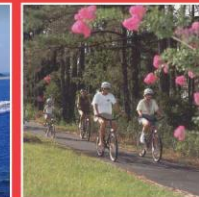
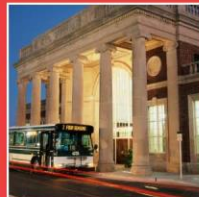
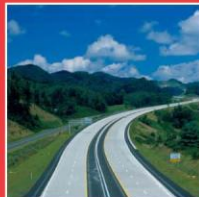
Construction Estimates down \$50,000,000

“Investment Grade” Rating acquired for

TIFIA Loan

Competing – NC is first in line





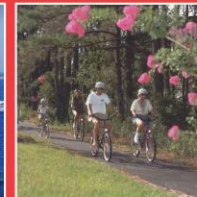
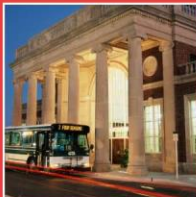
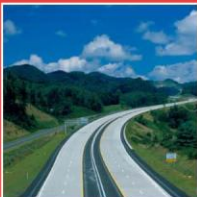
I-77 Feasibility Study

FS-0810A

South Carolina to Brookshire Freeway Table

| Activity | Production Schedule |
|--|------------------------|
| Alternative/Capacity Development Meeting | February 2013 |
| Analysis and Concept Sketch Development | February –October 2013 |
| Conceptual Sketch Coordination meeting | October 2013 |
| Conceptual Design | February 2014 |
| Design Review meeting | March 2014 |
| Estimates Requested | April 2014 |
| Draft Report | July/August 2014 |
| Final Report | September 2014 |





I-85 / I-77 Interchange Upgrade Feasibility Study

FS-1210A

| Activity | Production Schedule |
|--|----------------------------|
| Notice to Proceed | Friday, October 26, 2012 |
| Project Scoping Meeting | Tuesday, December 11, 2012 |
| Small Group/Local Officials Meeting #1 | January 2013 |
| Analysis and Concept Development | March 2013 |
| Alternative Development Meeting | April 2013 |
| Conceptual Design | July 2013 |
| Design Review Meeting | July 2013 |
| Small Group/Local Officials Meeting #2 | July 2013 |
| Estimates Requested | September 2013 |
| Draft Report | November/December 2013 |
| Final Report | January/February 2014 |