



STATE OF NORTH CAROLINA  
TURNPIKE AUTHORITY

BEVERLY E. PERDUE  
GOVERNOR

1578 MAIL SERVICE CENTER, RALEIGH, N.C. 27699-1578

DAVID W. JOYNER  
EXECUTIVE DIRECTOR

**Board of Directors**  
**Meeting Minutes**  
Thursday March 3, 2011

Members present: Perry Safran  
Robb Teer  
James Ferebee  
Al Swanstrom

Members via phone: Anthony Fox  
Bob Clay

Members absent: Gene Conti, Chairman  
David Redwine

Also present: David Joyner, Executive Director

Perry Safran called the meeting to order at 1:06pm. Mr. Safran read the state ethics act declared that there was a quorum present. Robb Teer presented the minutes from January 2011 and Al Swanstrom moved approval. The motion was seconded by James Ferebee and approved unanimously.

Grady Rankin gave a presentation on Triangle Parkway toll rates. He discussed the toll plan set forth in the traffic and revenue study and the Toll Rate Policy adopted by the NCTA Board in September 2008. He outlined Board responsibilities set forth in the bond documents to remain in compliance with rate covenants. He noted that the Board will be responsible for adjusting toll rates over the life of the project. David Danforth discussed the estimated toll rate assumptions and the rates by collection method in the traffic and revenue study. Mr. Danforth discussed the method of developing per-mile toll rates and the maximum toll and maximum toll per mile. He also discussed the average annual toll rate increases. Barry Mickle showed the Triangle Parkway toll collection points. There are six possible routes for Triangle Parkway motorists, and he showed the toll rates for each route. He stated that there is a resolution with recommended toll rates for Board information that will be presented for adoption at the next Board meeting. Al Swanstrom asked how our rates compare to those on other toll roads. Mr. Danforth presented a graph which displayed a passenger ETC rate comparison. (See attached graph.) Bob Clay asked whether starting at a higher rate was considered rather than implementing annual toll increases. Grady Rankin stated that all electronic tolling allows modest increases yearly rather than increasing rates dramatically. Mr. Rankin also stated that this plan was seen as favorable by the rating agencies.

Barry Mickle discussed the factory acceptance testing on the toll technology systems in Maryland and reported that everything went well. Andy Lelewski gave a presentation on the testing. We will be making final acceptance of the systems design. Mr. Lelewski stated the Back Office System factory acceptance testing took five days to ensure that each part was working properly and that the information was accurate. He gave an overview of the account website. (See attached presentation.)

Barry Mickle stated that the Operations group is working on a portable gantry to support any disruption of service. David Joyner expressed appreciation for work that they have done.

Lynn Purnell, Parsons Brinckerhoff, gave a presentation on the Charlotte Regional HOT Lanes Study. Mr. Purnell discussed the study area, the partners in the study and similar regional studies. Mr. Purnell discussed the corridor evaluation and travel time savings. He presented the HOT Lane revenue and cost analysis. He discussed the corridors of US-74 East, I-77 South, and I-77 North. He reviewed the corridor-level studies, particularly the I-77 North corridor. He discussed I-77 study conclusions and the conversion of the I-77 HOV lanes to HOT lanes. (See attached presentation.) Mr. Rankin said the NCTA submitted a TIFIA Letter of Interest for the I-77 HOT Lanes project on March 1, 2011.

Grady Rankin gave a presentation on the Alliance for Toll Interoperability. Mr. Rankin reviewed the interoperability discussion between ATI and Dan Veoni, staff of Highway and Transit subcommittee. The discussion included all electronic tolling. He stated that the RFP for the License Plate HUB pilot was issued on March 1, 2011. Mr. Rankin also noted that AAMVA has expressed support of ATI and is willing to work with ATI and toll agencies. Mr. Rankin discussed the planned meeting with Dan Veoni. ATI will offer a lower-cost method of identifying customers from different states.

Grady Rankin discussed the Triangle Expressway cost report. He stated the project is on budget and on schedule. Mr. Rankin stated that if the project is completed under budget, the TIFIA loan may need to be decreased to meet the "33% of cost" guideline.

David Joyner discussed the TriEx Southeast Extension legislation introduced by Senators Stevens and Blue.

Mr. Joyner reported that Grady Rankin will retire on March 31, 2011. Board members thanked Grady for his service and congratulated him on his accomplishments.

The meeting was adjourned at 2:26 pm.

*Minutes prepared by Jillian Bliss.*