

Minutes of the
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILLINOIS
URBANIZED AREA
TRANSPORTATION TECHNICAL COMMITTEE

Tuesday, April 12, 2011, 10:00 A.M.
Bi-State Regional Commission
Third Floor Conference Room 302
1504 Third Avenue
Rock Island, Illinois

MEMBERS PRESENT

Gene Hellige	City of Davenport
Mike Kane	City of Rock Island
Tom Kelso	Illinois Department of Transportation – OPP
Dan Long	Illinois Department of Transportation
John Massa	Rock Island County
Wally Mook	City of Bettendorf
Garrett Pederson	Iowa Department of Transportation – Ames
Gary Statz	City of Davenport

OTHERS PRESENT

Aaron Granquist	HR Green
Stacy Lentsch	Bi-State Regional Commission
Gena McCullough	Bi-State Regional Commission
Phil Mescher	Iowa Department of Transportation – Ames
Lalit Patel	Bi-State Regional Commission
Adam Shell	Iowa Department of Transportation – Ames
Chelsey Waterman	Bi-State Regional Commission

1. Approval of the Minutes of the March 8, 2011 Transportation Technical Committee Meeting.
Mr. Mook chaired the meeting in the absence of Mr. Nelson. Mr. Mook asked the members to review the February 8, 2011 Transportation Technical Committee minutes for comments and corrections. Mr. Kane moved that the minutes be approved as written. Mr. Statz seconded the motion and the minutes were approved as written.
2. Project Progress Report. Ms. Waterman notified the Committee she would be sending out an update request for the FFY2012-15 TIP. Project progress reports were e-mailed and updates will be posted to the website following the meeting.
3. Status of 2040 Long Range Transportation Plan Update-Discussion on Travel Demand Model.
Ms. McCullough informed the committee that a Long Range Transportation Plan draft is scheduled to be released to the public around May 20th to fulfill the 30-day public review requirements for a June consideration of adoption. Mr. Patel presented to the Committee the travel demand model progress. He stated that the most important step for a travel demand model is calibration and validation. Model parameters will be adjusted, using nationally accepted standards, until predicted travel matches observed travel. Within the model, special trip generators (malls, casinos, colleges, hospitals, airports and the I-Wireless Center) are utilized because we know the number of trips generated. The Institute of Transportation Engineers (ITE) manual was used to predict the number of trips generated from the

special generators. Mr. Patel informed the Committee that Bi-State uses the gravity model for trip distribution. The trip length distribution for HBW (home base work) trips is 15.55 minutes, which is within the FHWA standard of 11-15 minutes. The average trip length distribution for HBW trips in the Bi-State Area from the Census data is approximately 17 minutes. The trip length distribution for HBO (home base other) trips is 12.8 minutes, which is within the FHWA standard of 9.5-13 minutes. The trip length distribution for NHB (non-home base) trips is 12.13 minutes, which is within the FHWA standard of 9.5-12.5 minutes. Currently the RMSE (root mean squared) is 38%. The acceptable range from NCHRP 365 is 30-50%. Mr. Patel will still be working with the model to get the percentage closer to 30%.

Ms. McCullough proposed postponing the policy committee meeting for the month of April and instead having another technical committee meeting to overview the finished model and discuss the projected traffic on the 2010 transportation network. This discussion will aid efforts to determine fiscal constraint by identifying which projects will occur in the short range timeframe vs. the long range timeframe. The members of the technical committee agreed and set the meeting for Tuesday, April 26th at 10 a.m.

4. Status of Program Funds – Surface Transportation Program (STP), Transportation Enhancement Program (TEP) and Job Access/Reverse Commute (JARC). Ms. McCullough informed the Committee that the Illinois Quad Cities (ILQC) has a STP balance of \$4.5 million for 2012 and that once the Long Range Transportation Plan is finished ILQC can anticipate a call for STP projects submittals. The Iowa Quad Cities (IAQC) has a STP balance of \$7.6 million for 2012, with an Iowa Department of Transportation (IADOT) STP target of \$3.7 million. The IATEP balance for 2012 is \$475 and the JARC program has a FY2011 estimate of \$154,210.
5. Public Comments. No public comments were made.
6. Other Business. Ms. McCullough informed the Committee that the IADOT has contracted with ITERIS for the I-74 project-level architecture and they have surveyed local jurisdictions for initial comments. A joint safety meeting will be held earlier than normal this year, on May 18th at 10 a.m., to discuss the project level architecture, transportation management and incident management related to I-74. Ms. McCullough added that the Technical Committee will be included in the meeting notice. Ms. McCullough stated that Bi-State will be updating the Regional Architecture Plan once the Long Range Transportation Plan is complete. She also noted that Bi-State staff is updating and geographically aligning the Traffic Analysis Zones (TAZs) with the 2010 Census results.
7. Adjournment. Mr. Kane motioned to adjourn the meeting and the meeting was adjourned by consensus at 10:35 a.m.