

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

Tuesday, August 11, 2009, 10:00 A.M.
Bi-State Regional Commission
Third Floor Conference Room 320
1504 Third Avenue
Rock Island, Illinois

MEMBERS PRESENT

Jeff Anderson	City of Moline
Mike Atchley	City of Davenport
Scott Hinton	City of Moline
Tim Kammler	City of East Moline
Mike Kane	City of Rock Island
Dan Long	Illinois Department of Transportation-Dixon
John Massa	Rock Island County
Sam Shea	Iowa Department of Transportation-Davenport

OTHERS PRESENT

Jenna Anderson	Bi-State Regional Commission
Doug DeLille	Bi-State Regional Commission
Gena McCullough	Bi-State Regional Commission
Michael Panilo	Rock Island Arsenal
Lalit Patel	Bi-State Regional Commission
Daya Snapp	Bi-State Regional Commission
Chelsey Waterman	Bi-State Regional Commission

1. Approval of the Minutes of the May 12, 2009 Transportation Technical Committee Meeting. In the absence of a chair and vice-chair, Mr. Kane asked members to review the May 12, 2009 Transportation Technical Committee minutes for comments and/or corrections. Hearing no comments, Mr. Anderson motioned to accept the minutes as written and Mr. Kammler seconded the motion. The minutes were approved as written.
2. Project Progress Report. Technical Committee members were asked if there were any additions/corrections to report at the meeting that had not already been sent electronically or provided to staff in writing. Ms. Waterman asked Technical Committee members to look at the older projects to determine whether they were complete, duplicated or should be left on the report. She will add the Fiscal Year 2010 projects to the report for the next meeting.
3. Consideration of FFY10-13 Transportation Improvement Program (TIP) Amendments and Administrative Modifications. Chelsey Waterman presented administrative modifications and amendments to the Transportation Improvement Program (TIP) since the May Technical and Policy Committee meetings. Several revisions have been made to the text based on comments received

from the Iowa Division of the Federal Highway Administration (FHWA) in June. One example is a set of tables showing target and programmed Surface Transportation Program (STP) balances for Iowa on page II-8. An Illinois table is under development and will be included prior to the August Policy Committee Meeting. TPMS numbers were added to all Iowa-based projects and the FY2010 map was updated to reflect project changes. Revisions within the annual element pages include a shifting of American Recovery and Reinvestment Act (ARRA) funds for Bettendorf Transit. Rather than complete three projects which were to include landscaping and pavement rehabilitation, the system has chosen to use all available ARRA funds to purchase buses. In the Illinois Quad Cities, Metro has supplemented ARRA funds with Section 5307 funds to complete the construction of a bus shelter at the Quad City Airport, and the New Freedom funding awarded by the Policy Committee has been revised to reflect the actual amount of available FY09 dollars. The State of Illinois has requested a new project be included in FY2012, which will reconstruct Illinois 5 from West of 38th Street to West of 53rd Street in Moline. Additional project revisions will be brought to the August Policy Committee followed by a final printing of the FY2010-2012 TIP. Mr. Hinton motioned to recommend these revisions as discussed to the Policy Committee and Mr. Massa seconded the motion. The motion carried.

4. Presentation on Use of Geographic Information Systems (GIS) Mapping for Transportation Planning. Daya Snapp gave an overview of data sources used, transportation projects created, and Quad Cities Crash Study process as part of the Data-Graphics Departments role in transportation planning at Bi-State Regional Commission. A variety of data sources are used by Bi-State staff for many different types of projects. Bi-State, Illinois and Iowa Departments of Transportation, and County and City GIS Centers are the main sources used for transportation planning. The Quad Cities Annual Average Daily Traffic Count map, the Project Locations map for the FY TIP, the Quad Cities Transit System Brochure map, and the 2007 Quad Cities Intersection Crash Study map were a few examples of the many transportation projects produced by Bi-State staff. The crash data and the process to get from the original crash data to the finished Crash Study document were the last items outlined in the presentation.
5. Presentation on Quad City Area Intersection Crash Report. Jenna Anderson outlined the purpose, methodology and findings of the report. Bi-State prepared the *Quad City Area Intersection Crash Report* to fit within the missions of SAFETEA-LU legislation, Iowa and Illinois Highway Safety Plans and the Bi-State Long Range Transportation Plan. The report emphasizes improving safety at Quad City intersections using the principles of the 4 E's: Education, Enforcement, Engineering and Emergency Services. The presentation included a description of the reports contents which consist of background on the purpose and data of the report, a methodology section, a summary of findings, detailed analyses of intersections, updates on previously ranked intersections, resources for local agencies and appendices.

It was explained that the analyses were based on three factors: frequency, weighted severity and crash rate. These factors correspond to a points system which was then used to rank the intersections. The top ranked intersection for Iowa was Harrison St. and West Locust St. in Davenport with 16 crashes and a score of 26. The top ranked intersection in Illinois was Kennedy Dr. and Avenue of the Cities in East Moline with 38 crashes and a score of 45. The presentation ended with examples of how agencies can use the information and tools contained in the report to make decisions about improving safety at intersections. These examples used the appendices to evaluate the possible cause of crashes at the top ranked intersections, what countermeasures could

improve safety, an estimate of the cost of the selected countermeasure and the percent reduction in crashes that could be realized if the chosen countermeasure was implemented. A presentation was planned for the joint traffic safety meeting next week. A published copy will be provided to the Policy Committee on August 25th. Technical Committee members preferred a final copy in CD format as well as sending to the local police departments.

6. Status of Long Range Transportation Plan Update. Ms. McCullough and Mr. Patel presented on the status of the Long Range Transportation Plan update. Two timelines were distributed related to the development of the roadway system and related travel demand modeling elements. Technical Committee members also received a socio-economic peer comparison of Quad City MSA to other similar sized metropolitan areas across the United States. A comment received during the Travel Model Peer Review was on how well the Des Moines area trip generation information correlated to Quad City area. The trip generation rates are derived from travel surveys conducted in a particular metropolitan area. In Iowa, Des Moines had the most current household travel survey data and was used as a surrogate for the Quad Cities. The peer comparison is being conducted to see if there is a more comparable metropolitan area for the Quad Cities and whether the travel survey information is more recent and available for use. Mr. Anderson suggested a closest fit analysis to show a clear peer comparison. Ms. McCullough also reported on the status of the Transportation Public Input Survey available on-line. To date, there have been 164 surveys received, nearly double the number from the last plan update process. Results will be reported at the next Technical Committee meeting. Mr. Patel reported on progress of the socio-economic data as input to the travel demand model and the status of the travel network attributes. Employment data has been received for the Iowa Quad Cities for 2005. It will need to be projected to the Base Year 2006. An agreement with Illinois Department of Employment Security has been signed. The 2006 employment data for the Illinois Quad Cities is expected in the next week or so. Staff will cross check employment locations geographically with the data sets for verification. Efforts are underway to geographically reference the roadway network. This data work is expected to be completed this fall, including providing population and employment projections for consideration by the Technical and Policy Committees. It was noted external trips can be derived from the Iowa statewide model while sources other sources would be needed for the Illinois side.
7. Public Comments. No comments from the public were received at the meeting.
8. Other Business. The next Technical Committee meeting will be scheduled for September 8, 2009 at 10:00 a.m.
9. Adjournment. Mr. Kammler motioned to adjourn the meeting and Mr. Hinton seconded the motion. The meeting adjourned prior to 11:00 a.m.