

TECHNICAL COMMITTEE
June 5, 2012
BMC Conference Rooms A & B
9:30 A.M.

APPROVED

ATTENDANCE

Members

Carolina Arbelaez – Baltimore County Department of Public Works	410-887-3554
Iain Banks – City of Annapolis	410-263-7964
Tyson Byrne – Maryland Department of Transportation (MDOT)	410-865-1284
Ken Choi – Maryland Department of Planning (MDP)	410-767-8876
Daphne Daly – Carroll County Department of Planning	410-386-2145
Jim Dooley – State Highway Administration (SHA)	410-545-5672
Harvey Gold – Anne Arundel County Planning & Zoning	410-222-7440
Charles Grant – Maryland Transit Administration (MTA)	410-767-3906
Theo Ngongang – Baltimore City Department of Transportation	443-984-4092
Ben Pickar – Howard County Department of Planning	410-313-4360
Alex Rawls – Harford County Department of Planning & Zoning	410-879-2000
Jim Wilkinson – Maryland Department of the Environment (MDE)	410-537-3240
Melissa Williams – Maryland Transportation Authority (MdTA)	410-537-5136

Staff and Guests

Anam Ardeshiri – SHA	410-545-8796
Regina Aris – Baltimore Metropolitan Council (BMC)	410-732-9572
Charles Baber – BMC	410-732-0500 x1056
Addis Bekele – O. R. George & Associates, Inc.	301-794-7700
Robert Berger – BMC	410-732-0500 x1037
Jason Biernat – BMC	410-732-0500 x1048
Dunbar Brooks – BMC	410-732-9574
Terry Freeland – BMC	410-732-0500 x1028
Derek Gunn – SHA	410-545-5642
Victor Henry – BMC	410-732-0500 x1034
Dami Kehinde – SHA	410-545-5560
Vimal Kumar – BMC	410-732-0500 x1052
Todd Lang – BMC	410-732-9566
Sandy Lawrence – O.R. George & Associates, Inc.	301-794-7700
Birat Pandey – BMC	410-732-0500 x1050
Sara Tomlinson – BMC	410-732-0500 x1035
Russ Ulrich – BMC	410-732-0500 x1008

The meeting was called to order at 9:31 A.M. by the Chair, Mr. Alex Rawls.

APPROVAL OF MAY 1, 2012 TC MINUTES: Mr. Rawls asked for approval of the May 1, 2012 Technical Committee minutes. Mr. Harvey Gold moved for approval of the minutes with Mr. Iain Banks seconding the motion. The minutes were unanimously approved.

REPORT ON MAY 22, 2012 BALTIMORE REGIONAL TRANSPORTATION BOARD MEETING: Mr. Dunbar Brooks noted the following:

- The BRTB approved Resolution #12-24, adopting the Title VI Public Notice and Complaint Procedure in accordance with FTA guidance.
- The BRTB approved Resolution #12-25, proposing a Disadvantaged Business Enterprise goal for FY 2013 of 25% for UPWP-related competitive bid consultant contracts managed by BMC.
- The Nominating Committee provided a slate of officers for FY 2013 as follows: Harford County to assume Chair and the City of Annapolis as Vice-Chair.
- There was a brief update on the efforts of GO-TRAN, the group overseeing the regional transit analysis.
- There was also an update on the activities of the Freight Regional Oversight Group (FROG).

RECOMMENDATION FOR APPROVAL OF A RESOLUTION: Ms. Sara Tomlinson introduced Resolution #12-26 endorsing the mobile source emissions budgets developed for the region's revised 8-hour ozone State Implementation Plan (SIP). As the Technical Committee previously has been made aware of, the Baltimore region did not attain the 8-hour 1997 ozone standard by the 2010 deadline. The EPA gave the region another year to attain the federal ozone standard. Then, the region did not attain the standard by 2011. As a result, the region was redesignated from "moderate" to "serious" nonattainment for this standard. Due to this redesignation, MDE is required to submit a revised ozone SIP to EPA this September. The key revised SIP will include budgets for mobile sources for the ozone precursors, NO_x (nitrogen oxides) and VOCs (volatile organic compounds). MDE developed these proposed budgets using EPA's new MOVES model. As a function of the ICG, MDOT and BMC staff were involved in the budget development process. Graphs of the proposed budgets, along with estimated future year mobile source emissions (2015, 2025, 2035) were distributed. Estimated emissions are below the proposed budgets. Mr. Rawls asked for a motion to approve Resolution #12-26. Mr. Ben Pickar made a motion for approval that was seconded by Mr. Gold. The TC approved the motion; therefore, Resolution #12-26 will be recommended to the BRTB for approval.

[Handout: Draft SIP Budget Comparison (Daily tons VOC); Draft SIP Budget Comparison (Daily tons NO_x)]

RECOMMENDATION FOR APPROVAL OF A RESOLUTION: Mr. Rawls introduced Resolution #12-27, request to add the US 40: Middle River Road to South of MD 43 as well as MD 32: Patuxent Freeway-Access Management projects to the 2012–2015 TIP. Mr. Jason Biernat presented both projects, stating that these projects were last included into the 2011–2014 TIP after the 2012–2015 TIP was approved by the BRTB but before the US DOT

approved the 2012–2015 TIP. He added that, pending approval, these projects will advance to their next respective project phases. Mr. Rawls asked for a motion to approve Resolution #12-27. Ms. Carolina Arbelaez made a motion for approval that was seconded by Mr. Theo Ngongang. The TC approved the motion; therefore, Resolution #12-27 will be recommended to the BRTB for approval.

RECOMMENDATION FOR APPROVAL OF A RESOLUTION: Mr. Rawls introduced Resolution #12-28, request to add the Metro Electrical Substation Improvement project to the 2012 – 2015 TIP. Mr. Biernat presented information about the project, specifically that this project was requesting \$1.1 million to repair, refurbish or replace electrical substations along the Metro system in Baltimore City and County. Mr. Pickar asked why the project description indicated an estimated completed project cost of \$12.4 million while the financial table indicated a lower amount. Mr. Biernat stated that the estimated completed project cost is a federally required piece of information regardless of the TIP’s four-year period, whereas, the financial table indicates past funds and the four-year TIP period. He noted that, for most projects, the estimated total project cost extends beyond the four-year TIP period. Mr. Rawls asked for a motion to approve Resolution #12-28. Mr. Tyson Byrne made a motion for approval that was seconded by Ms. Daphne Daly. The TC approved the motion; therefore, Resolution #12-28 will be recommended to the BRTB for approval.

TRIP GENERATION STUDY – BWI CONSOLIDATED RENTAL CAR FACILITY: Mr. Derek Gunn, Maryland State Highway Administration, and Ms. Sandy Lawrence, O.R. George & Associates, Inc., presented findings from the trip generation study for the consolidated rental car facility, Baltimore/Washington International Thurgood Marshall Airport. The study was initiated due to evaluation of model simulation in the MD 100 corridor vicinity being low compared to traffic counts. The Arundel Mills Mall and BWI landside activity were identified as special generators and further investigation and data collection was initiated. The trip generation study collected traffic counts at access points for the consolidated rental car facility. The facility service area, number of employees and daily commercial air passengers were also gathered as independent variables in a regression analysis to explain the daily observed vehicle trips. The daily commercial air passenger model was the best performing model. The consultant team, using turning movement counts, estimated distribution patterns for vehicle entering and exiting the facility. The next step is to compare the trip generation study with the region’s air passenger model. The trip generation study could also assist with other model validation efforts.

[Handout: TRIP GENERATION STUDY – Consolidated Rental Car Facility, Baltimore/Washington Int’l. Thurgood Marshall Airport, Anne Arundel County, Maryland – Final Draft]

PROPOSED VALUE PRICING STUDIES: Mr. Charles Baber presented on the continuing TC discussion on the topic of value pricing. The previous months TC member’s questions were summarized and how these concerns are related to the BRTB’s goals and objectives of *PLAN IT 2035* was shared. Members were in agreement and advised the TC chair that an

ad-hoc committee should be formed to direct and guide BMC staff in a regional value pricing study. Representatives from Howard and Anne Arundel Counties, along with the Maryland Departments of Planning and Transportation (including State Highway Administration) and the Maryland Transportation Authority, agreed to serve on the committee.

PROGRESS REPORT ON UPWP PROJECTS:

Clean Commute Month:

BMC's Clean Commute Month Project Manager, Mr. Russ Ulrich, gave a brief update of this year's program. Clean Commute Month activities started in mid-April with staff participation at a number of Earth Day celebrations throughout the region. Other outreach efforts included appearances at two major community festivals in Baltimore County, two commuter thank-you events in Harford County, a cooperative event with Johns Hopkins School of Medicine in Baltimore City, and a region-wide Bike to Work Day initiative. Mr. Ulrich also mentioned the paid radio advertising campaigns on Clear Channel Radio and Sajak Broadcasting stations. He estimated that the Clean Commute message has reached thousands of people throughout the Baltimore region.

Naturally Occurring Retirement Communities (NORC) Study:

Mr. Robert Berger presented a summary of the Naturally Occurring Retirement Communities (NORC) Study. The study, which analyzes data on Baltimore region elderly (age 65+) and near elderly (age 46-64) populations from the 2010 Census, is an update of the previous NORC study. Research suggests that 90 percent of elderly residents are likely to retire in place. Therefore, because most of the elderly and near elderly reside in suburban locations, they will retire there. Low density settlement patterns make providing transportation and other services for the elderly difficult and expensive. The study attempts to quantify the spatial distribution of the elderly.

The data is tabulated by jurisdiction, age group, and block group. NORC areas (i.e., block groups) are characterized by the intensity of their elderly population and mapped. The data shows that low intensity NORC areas are the most common, making up 71 percent of the regional total. Moderate intensity NORC areas account for 22 percent, and high intensity NORC areas 7 percent, of the regional total. One response to the problem of low density settlement patterns is to define NORC clusters that create service areas. Under the initial clusters selected, 93 percent of the elderly reside within a cluster. More compact clusters would include a lower share of the elderly population but might function better. Data on the near elderly provides insight into future settlement patterns, although no forecast was conducted as part of the study. Mr. Berger also announced that the complete report would be published in June 2012. In addition, an issue paper will be published that describes the study findings for the general public. The issue paper and report will be available on the BMC web site.

[Handout: The Aging of the Regional Population and Its Effect on Travel]

MOVES:

This topic was deferred until a later date.

OTHER BUSINESS:

Due to the July 4th, Independence Day holiday, TC members agreed to reschedule the July 3rd meeting and directed BMC staff to contact members to reschedule with a date.

Mr. Rawls informed committee members of the process that the TC will follow in nominating officers. Mr. Rawls continued with the report from the Nominating Committee which recommended the Maryland Department of Transportation for Chair and Baltimore County for Vice-Chair. Committee members were given an opportunity to nominate other jurisdictions. Mr. Pickar nominated Howard County as Vice-Chair. Mr. Harvey Gold made a motion to close the nominations that was seconded by Mr. Pickar. Mr. Ngongang asked whether Baltimore City has ever served as officers on the TC. Offhand, members could recall one instance. Having been properly motioned and seconded, the TC approved the closing of the TC officers' nominations. The TC will vote on officers at their July Meeting.

Mr. Rawls ask for a motion to adjourn the meeting. Mr. Gold moved to adjourn the meeting, with Mr. Ngongang seconding the motion. The TC meeting was adjourned at 11:10 A.M.