



MEMORANDUM

To: Bicycle and Pedestrian Task Force
From: Tom Murtha
Date: May 26, 2011
Re: Evaluation Matrix

Gin Kilgore of the League of Illinois Bicyclists has suggested a matrix for the evaluation of CMAQ 2012-2016 projects. The matrix is based on the 2/20/2009 CMAP bike/ped task force memo regarding modifications to project rankings; the 5/6/2011 CMAP memo summarizing the bike/ped project submittals; and discussions at the April and May 2011 task force meetings. CMAP staff has reviewed and adjusted the matrix. We plan to review the project submittals based on the matrix items. Additional suggestions are welcome.

There are three sections:

- Descriptive—what categories does the project fall into from among the categories discussed at the previous Bicycle and Pedestrian Task Force meeting? It is anticipated that these descriptive items can be developed into stories of what the Task Force is hoping to accomplish with a given set of projects.
- Principles—how well does the project meet the principles outlined in the 2009 memo?
- Plan Consistency. How well does the project meet the objectives and action areas of the GO TO 2040 plan, including mode shift, best practices and bikeway plan implementation?

The understanding is that each project would be reviewed with this matrix evaluation.

Section 1: Descriptive

| Project Categories | Check all that Apply |
|---|---|
| Improve non-motorized access to transit | <input type="checkbox"/> Pace Suburban Bus <input type="checkbox"/> Metra Rail Station <input type="checkbox"/> CTA Rail Station <input type="checkbox"/> CTA Bus |
| Improving non-motorized access to community and regional destinations | <input type="checkbox"/> Schools (indicate number of students within 1/2 mile) <input type="checkbox"/> CBDs, Employment, and Activity Centers <input type="checkbox"/> Parks and Recreational Destinations |
| Complete Streets | <input type="checkbox"/> Retrofit <input type="checkbox"/> Part of larger highway project |
| Regional Trail | <input type="checkbox"/> Regional Greenways and Trails Plan <input type="checkbox"/> Identified as a Regional Corridor in a subregional plan (e.g., Kane, DuPage, NWMC plans) |
| Grade-Separated Access Across Major Barriers | <input type="checkbox"/> Rivers <input type="checkbox"/> Expressways <input type="checkbox"/> Arterials |
| Encouragement | (Describe) |
| Innovative projects/programs to accommodate/increase biking and walking | (Describe) |

Section 2: Principles

| Principle | Measure | Comments |
|---|---|-----------------------------------|
| Transit Access | Number of boardings within ½ mile of facility | |
| Serve the Greatest Number of People (origins, destinations and facility attractiveness) | Two measures: (1) Population + employment in ½-mile buffer area, not including imbalances, + (2) all internal zone trips from trip table | |
| Target Arterials and Collectors (ped projects only) | Yes or No | |
| Develop a Bikeway Network (bike projects only) | Yes or No – Extending or Connecting Existing Network | Must not be bike trail to nowhere |
| Select Bicycle Projects where BLOS of B is not achievable on-street, or where the facility is a trail includes as a regional trail. | On-street BLOS, plus project category | |

Section 3: Plan and Program Consistency

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| Project Understanding |
| Mode shift Objective —Describe impact on mode shift |
| <p>Advances Action Area –</p> <ul style="list-style-type: none"> • Adopt best practices in new technologies • Widely implement traveler information systems • Establish seamless coordination between modes • Include transit component as part of major highway capital projects • Focus investment on maintenance and modernization • Prioritize and implement the CREATE Program • Implement high-priority transit projects • Consider user perception in vehicle purchases and station design |
| <p>Inclusion of Facility in Adopted Plan:</p> <ul style="list-style-type: none"> • Regional Greenways and Trails Plan • County/Subregional Bike/Ped Plan • Other Transportation Plan • Other Non-Transportation Plan <p>Note: Must identify project general alignment or specific strategy.</p> |
| <p>Project Readiness:</p> <ul style="list-style-type: none"> • <i>Contingent or in conflict with another project.</i> • <i>ROW Required?</i> • <i>ROW Acquisition Complete?</i> • <i>IDOT Design Approval Received?</i> • <i>Construction Documents Approved</i> • <i>Has Detailed Cost Estimate</i> |