

FEBRUARY 23, 2010 MEETING

ITEM 5.a.

CENTRE COUNTY LONG RANGE TRANSPORTATION PLAN (LRTP) 2040

Discuss Performance Measures

The Federal Highway Administration, Federal Transit Administration, and PennDOT have stated that performance measures should be developed for the LRTP and Transportation Improvement Program (TIP). Work has begun on the development of performance measures for the new LRTP and TIP, using the project ranking criteria adopted by the CCMPO in June 2009 as a starting point.

At the meeting, staff is seeking initial comments from the Coordinating Committee about performance measures for the LRTP and TIP. Work on the performance measures will continue in the next few months as the new LRTP and TIP are prepared.

Attached is:

- List of LRTP goals and potential performance measures

Staff will report about comments and questions provided by the Technical Committee at its February 18 meeting (postponed from February 10).

Factors that should be considered when developing performance measures include:

- Relationship to LRTP goals and objectives
- Complexity of measures (simple is better)
- Availability of data and analysis tools
- Context of measure (e.g. countywide; program-specific; project-specific, etc.)
- Time period for assessing performance (e.g. annually; every two years; every four years, etc.)

The LRTP project evaluation process is nearing completion, and the results of the technical ranking of projects/programs will be presented in March. Based on the fiscal constraint analysis, a first draft LRTP project list will be prepared for presentation in April. Policy adjustments may be made by the Coordinating Committee at that time.

A Final Draft LRTP project list will be presented in June for approval to complete an Air Quality Conformity Analysis and public comment period. The new LRTP will be presented for adoption in September.

Presented by: Trish Meek, CRPA

Action: Comments and recommendations to staff about potential performance measures.

Goal	Potential Performance Measures
1. Safety and Security	<ul style="list-style-type: none"> ▪ Number/rates for fatal crashes ▪ Number of high-crash clusters ▪ ITS applications for incident response ▪ Security features on public transportation vehicles and facilities
2. Preservation of the Existing Transportation System	<ul style="list-style-type: none"> ▪ Structurally deficient (SD) bridges ▪ SD bridge deck area ▪ Miles outside pavement restoration cycles ▪ Transit vehicle age ▪ <u>Roadway condition - International Roughness Index (IRI)</u> ▪ <u>Stormwater facility improvements</u>
3. Efficient System Management and Operation	<ul style="list-style-type: none"> ▪ Vehicle miles of travel (VMT) ▪ Vehicle hours of travel (VHT) ▪ Volume/capacity ratios in key links ▪ Travel times ▪ Vehicle hours of service (transit) ▪ Frequency of transit service ▪ <u>Additional bus pulloffs to reduce congestion</u>
4. Integration and Connectivity of the Transportation System	<ul style="list-style-type: none"> ▪ Bridge postings ▪ Road postings ▪ <u>Miles of connected bicycle facilities</u> ▪ <u>Number of nodes connected</u>
5. Accessibility and Mobility Options for People and Freight	<ul style="list-style-type: none"> ▪ Persons within .25 mile of transit route ▪ Transit ridership ▪ Rideshare program enrollment ▪ Number of enplanements at airport ▪ Complete Streets principles
6. Consistency with Planned Growth and Development Areas	<ul style="list-style-type: none"> ▪ Located within designated growth area or infrastructure service area
7. Environment and Air Quality Conformity	<ul style="list-style-type: none"> ▪ Mitigation targets (wetland acres, etc.) ▪ Volatile Organic Compound (VOC) emissions ▪ Nitrogen Oxide (NOx) emissions
8. Economic Vitality	<ul style="list-style-type: none"> ▪ Rail shipping (metric to be determined) ▪ Supports redevelopment of brownfield sites ▪ <u>Assessed values</u> ▪ <u>Square footage of rehabilitated space</u>

1) Suggestions by MPO Technical Committee are shown in underlined italics

2) Additional transit performance measures will be proposed at a future meeting