Programming the TIP

Transportation Improvement Program (TIP)

Timing:
- 4 year program (used to be 3)
- Updated every 4 years (used to be 2)

Contents:
- A priority list of proposed federally supported projects and strategies to be carried out within 4-year period
- A financial plan that…
  - demonstrates how the transportation improvement program can be implemented;
  - indicates resources from public and private sources that are reasonably expected to be available to carry out the program;
  - identifies innovative financing techniques to finance projects, programs, and strategies; and
  - may include, for illustrative purposes, additional projects that would be included in the approved transportation improvement program if reasonable additional resources beyond those identified in the financial plan were available.

Other requirements:
- Projects must be in the LRP to be included in the TIP
- Must provide opportunity for agencies, public, others to comment before adoption
- Must publish TIP, plus a list of projects for which federal funds “obligated” each year
- Approved by the MPO and by the Governor
- Incorporated into the STIP (State TIP)

Example: SACOG

Prioritizing Projects

Related processes:
- Selecting 20 years of projects for LRP
- Choosing among alternatives in the Environmental Impact Statement (EIS) - more next week
- Programming projects in the TIP

Traditionally… Cost vs. LOS improvement (from model)

Post-ISTEA… New kinds of project, new kinds of criteria
**Process for Developing:** one time, with periodic review

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<thead>
<tr>
<th>Step</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>Criteria</td>
<td>Policy Board</td>
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<tr>
<td>System for scoring criteria</td>
<td>Staff with Policy Board</td>
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<tr>
<td>Weights for criteria</td>
<td>Policy Board</td>
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</tbody>
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**Process for Applying:** once every 4 years (or more frequently)

<table>
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<tr>
<th>Step</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>Project applications submitted</td>
<td>Project sponsor</td>
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<tr>
<td>Calculation of project scores*</td>
<td>Staff with project sponsor</td>
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<tr>
<td>Review rankings based on scores</td>
<td>Policy Board and public</td>
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<tr>
<td>Select projects for programming</td>
<td>Policy Board</td>
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</tbody>
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*Project score = \( \sum_{i=1}^{n} [\text{weight}_i \times \text{criteria}_i \text{ rating}] \)

**Examples**
- Southwest Washington Regional Transportation Council: criteria, ratings
- Pikes Peak Area Council of Governments: process for developing weights
- Knoxville Regional Transportation Planning Organization: application process

**Lessons:** Process is as important as the technique!
- Process for development technique
- Process for applying technique

* More involvement in development of approach, more acceptance of results

**On Wednesday:** Financing! Read Chapter 11, plus *Report of the National Surface Transportation Policy and Revenue Study Commission* – Volume 1, “Recommendations for Paying the Bill” (pp. 38-54) and “Minority Views of Secretary Mary Peters…” (pp. 59-68)

Discussion of analysis frameworks!