



Item #5

Planners Committee

February 26, 2010

Infrastructure Cost Model

Issue: SACOG staff will provide a demonstration of the IMPACS2 model, and AECOM staff will be present to help answer any questions regarding the model and its assumptions.

Recommendation: None, this item is for information only.

Discussion: Part of the Rural Urban Connections Strategy work includes answering questions regarding growth in rural communities around the 6-county SACOG region, and what economic issues they face with urban development. These questions include:

- What costs are associated with developing new infrastructure needed to accommodate growth, and how are those costs covered?
- What costs are associated with operating existing and new infrastructure, and how are those costs covered?
- What size must a community reach in order to trigger infrastructure needs, and what size must they be in order to cover needed infrastructure costs?
- What service costs will be associated with new growth, and how are those costs covered?

Infrastructure for the purpose of this project refers to culinary water systems, secondary water systems, wastewater treatment systems, storm water and flood control systems, arterial roads, curb, gutter and sidewalk, dry utilities, and parks and open space. Service costs include police, fire, libraries, schools, etc.

SACOG uses I-PLACE³S to create various land use arrangements for the region, and IMPACS2 to outline the associated costs for those growth patterns, and to estimate revenue from those same land use patterns. These models are available for member jurisdictions and partner agencies on similar issues.