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Review of Florida MPO LRTPs and Estimate of Statewide 2035 Metropolitan Area Financial Shortfall 2013

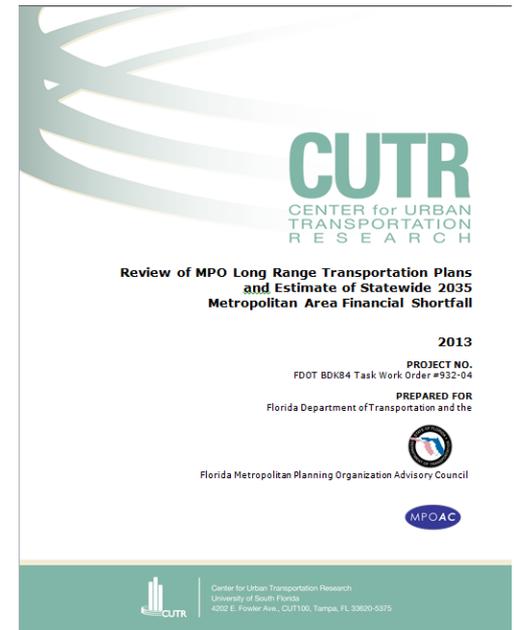
Karen E. Seggerman, AICP, CNU-A



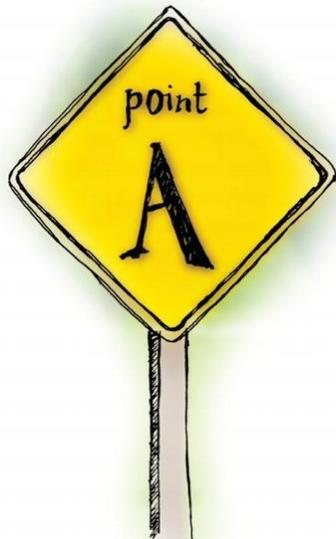
October 2013 • AMPO

Introduction

- 2012/2013 review
- 4th review (1997, 2002, 2008)
- 26 MPOs in Florida
- 24 plans
 - Joint: Martin MPO/St. Lucie County TPO; Collier County MPO/Lee County MPO
- Methodology



Observations of Planning Practice



2030 Long Range Transportation Plan
Executive Summary

- *Readable, friendly formats*
Easily downloadable
Examples:
Individual project descriptions with map
Section on how information was used in shaping plan
- *Major change or shift from previous plans*
Address multiple modes
Emphasize transit
Test land-use scenarios
Optimize performance of existing facilities



Observations of Planning Practice

- *Attention to the transportation/land use connection*
 - *Land-use scenarios*
 - *Historical trend/Infill alternatives*
 - *Tied to vision plan*
- *Regional planning efforts*
 - *Transportation authorities*
 - *Joint MPO plans*



Observations of Planning Practice

- *Transit competitor for transportation dollars*
 - *In-depth transit analysis*
 - *Beyond TDP*
 - *Transit scenarios*
- *Freight studies throughout the state*
 - *Intermodal connections*
 - *Freight movement goals*



Photos from Broward LRTP



Observations of Planning Practice

- *Creative optimization of existing transportation facilities*
 - *Corridor retrofits to enhance transit ridership and pedestrian activities*
 - *ITS strategies*
 - *Scaled-down projects*
- *Clear processes for prioritizing projects*
 - *Evaluation criteria by mode or funding category*

“There is very limited funding to construct significant capacity expansions, so the key strategies in the plan focus on optimizing the performance and safety of existing facilities, preserving the capacity of the existing system, reducing vehicle miles of travel (VMT) through integrated land use and transportation strategies, creating and supporting existing markets for transit and enabling more bicycling and walking through roadway retrofits and expansion of non-auto facilities.”

– Sarasota-Manatee LRTP

Observations of Planning Practice

- *Evolving public participation efforts*
 - *Website, radio, TV, social media*
 - *Attend community events*
 - *Spend \$100*
- *Environmental justice*
 - *Data and mapping*
 - *Benefit to populations protected by Title VI*

Photo from Polk TPO LRTP



Observations of Planning Practice

- *Safety and security relevant*
 - *Alignment with FDOT SHSP*
 - *Hurricane evacuation*
 - *Security threat scenarios*
- *Emerging issues*
 - *Multimodal feasibility, performance measurement, air quality*
 - *Climate change*
 - *Peak oil, greenhouse gas reduction, vulnerability*
 - *Aging road user safety, access, and mobility*

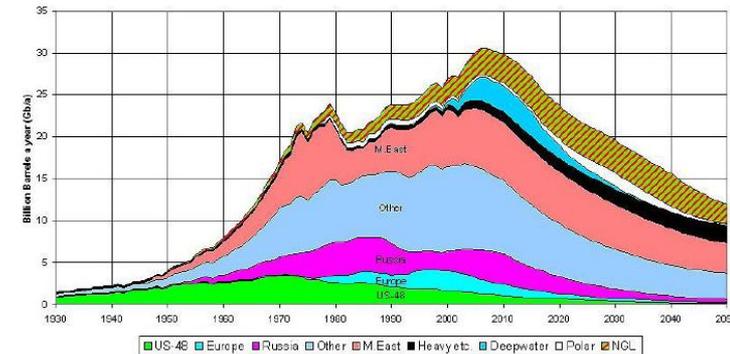


Figure 4: Projected Fossil Fuel Production

Florida's Statewide Funding Shortfall

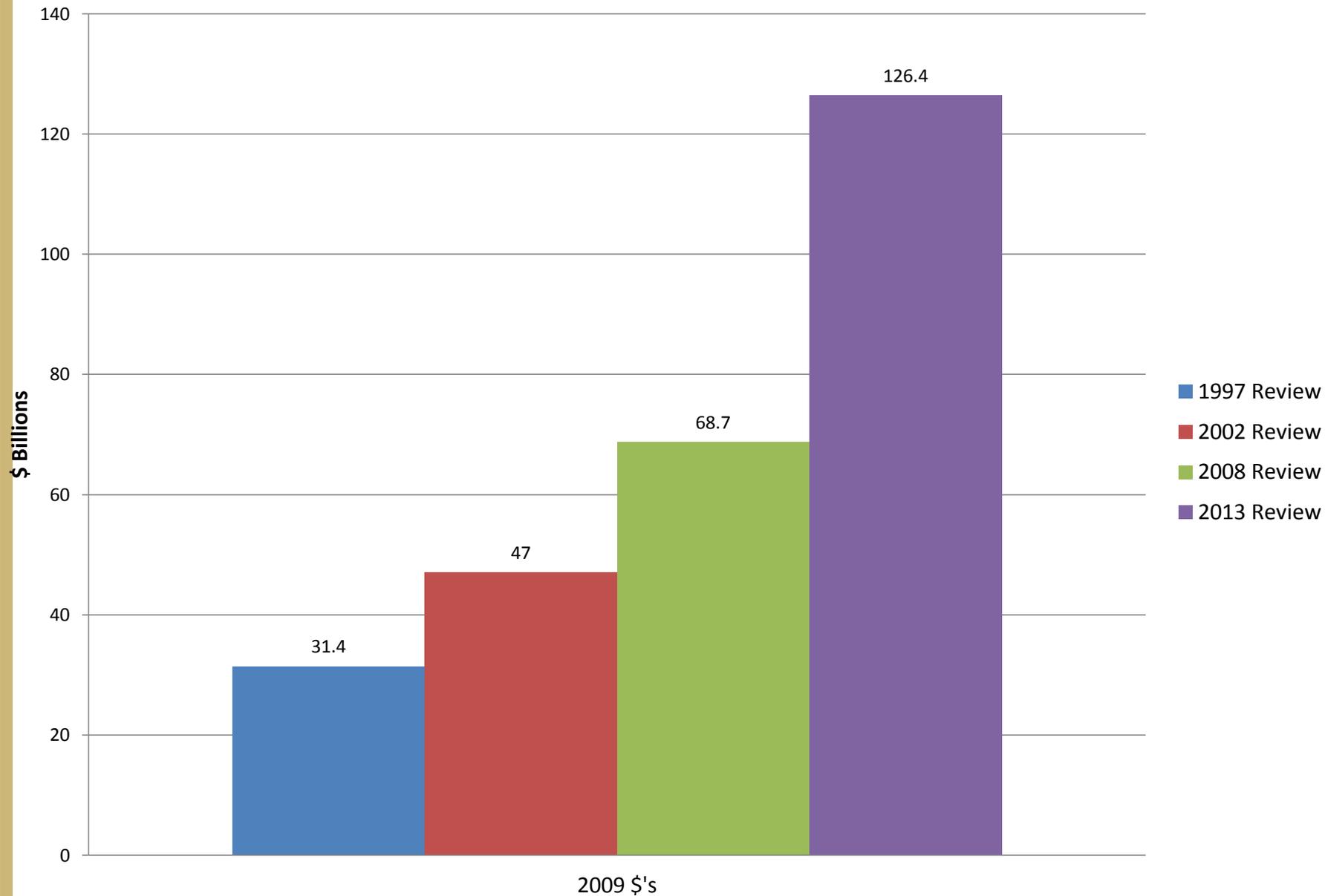
- **Needs Cost – Anticipated Revenue = Shortfall**
- *2016 through 2035 = \$126.4 billion in 2009\$*
- *Approximately \$6.32 billion annually*

Table 1: Growth of Statewide 20-Year Funding Shortfall

L RTP Review Year	Original Shortfall (billions)	Original Base Year	Shortfall in 2009 Dollars (billions)	Percent Growth	Cumulative Growth
1997	\$22.3	1995	\$31.4	--	--
2002	\$37.7	2000	\$47.0	43%	--
2008	\$62.5	2005	\$68.7	46%	110%
2012	\$126.4	2009	\$126.4	84%	300%



Florida Metro Area Transportation Funding Shortfall Estimates



Suggestions for Planning Practice

- *Ensure that needs plan projects are appropriate to meet the identified transportation need while advancing the goals and policies of the MPO*

Note: In accordance with the adopted Financial Guidelines, include an estimate of unfunded costs in base year dollars in their adopted LRTP.

Suggestions for Planning Practice

- *Determine transit needs beyond the ten-year transit development plan horizon and without consideration of revenue*
- *Be clear about policy and project tradeoffs that are made to maximize available revenue*
- *Develop a concise, reader-friendly brochure that clearly identifies planned projects*

Suggestions for Planning Practice

- *Use land-use scenario planning to assess if different scenarios may decrease future travel demand*
- *Provide unified data throughout LRTPs that include more than one county and/or more than one MPO*
- *Continue to improve planning for freight movement*



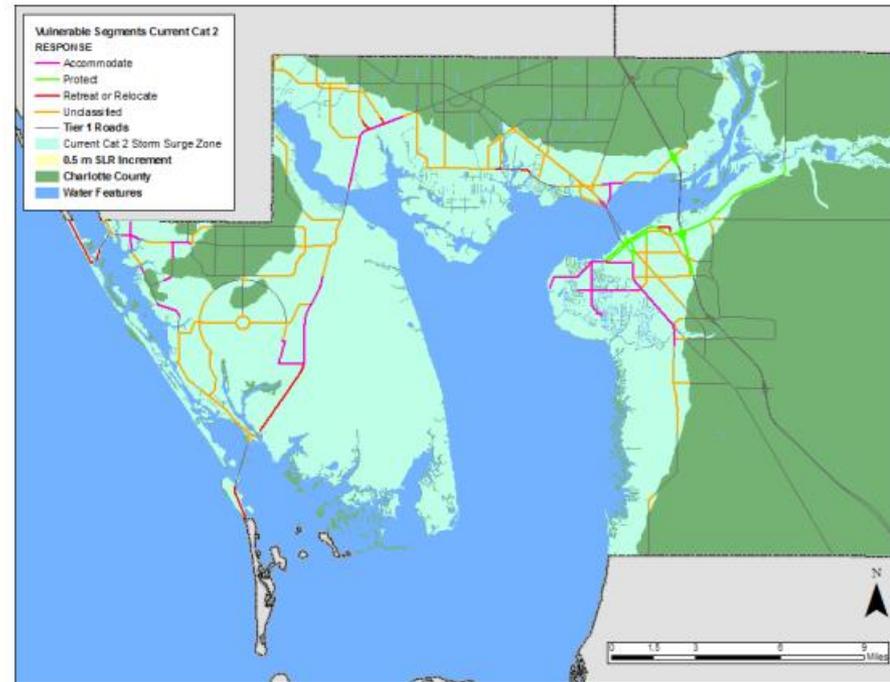
Suggestions for Planning Practice

- *Continue to improve on relating how information gained during public involvement activities is used in LRTP development*
- *Strive to incorporate local knowledge along with FDOT's ETDM planning screen to ensure a thorough understanding of potential project impacts*
- *Increase the discussion of the MPO's role in transportation system security*

Suggestions for Planning Practice

- *Increase consideration of bicycle and pedestrian safety*
- *Address transportation infrastructure mitigation and adaptation measures necessitated by climate change*
- *Consider aging road user safety, access, and mobility*

Map 13-8: Vulnerable Segments in a Category 2 Storm Surge



From Charlotte County-Punta Gorda 2035 L RTP

Conclusion

- MPO long range transportation plans in Florida continue to develop over time
- Responses to federal and state requirements are increasingly complex and are resulting in better overall plans
- Funding challenges, coupled with public desire for more travel choices, are guiding planning efforts to be more strategic
- Plan development is increasingly interwoven with other planning efforts, particularly those of the larger region



Full report:

<http://www.mpoac.org/>

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