

ITEM 12 - Information

June 20, 2007

Briefing on Visualization of the Constrained Long Range Transportation Plan (CLRP) and Land Use Information

Staff

Recommendation: Receive briefing on new web-based capabilities to facilitate visualization of the projects and land use information associated with the CLRP.

Issues: None

Background: The US DOT final planning regulations issued in February 2007 to implement the Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU) require MPOs to employ visualization techniques to depict metropolitan transportation plans. The Board will be briefed on a web-based visualization of the projects and land use information for the current 2006 CLRP that utilizes the dynamic mapping features available in the free geo-spatial software technology in Google Earth™. Test versions of this visualization were presented to the TPB Technical Committee for its review and comment in February, March, April and June.



Visualization of the CLRP

Advanced visualization of the Constrained Long-Range Transportation Plan using Google Earth.™



How do projects planned for 2030 support the regional transportation network?

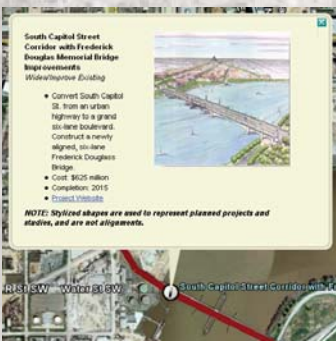
Regional view displays planned transportation projects and land use data, including:

- Highway projects
- Transit, HOV and HOT lane projects
- Studies of new facilities
- Existing facilities, such as commuter rail and Metro rail

How does the region look from satellite photography?

Dynamic mapping, using Google Earth™:

- Aerial and satellite photography
- Easy navigation: zoom in and out, pan side to side
- Existing roads, jurisdictional boundaries and place names



What's in the plan for 2030 around the region and in your neighborhood?

Detailed project information, including:

- Facility name and type
- Project cost
- Completion date
- Links to project websites and other available information

Where will jobs and housing will be in 2030?

Activity Center land-use data from the Round 7.0a Cooperative Forecast:

- Activity Center name, type and size
- Households and jobs data from 2005
- Projections of households and jobs for 2030



Available now at http://www.mwcog.org/clrp_viz

National Capital Region Transportation Planning Board

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