



Improvements to Desktop TELUS Version 4.0

NARC Annual Conference

San Antonio, TX

June 20th, 2006

Transportation Economic and Land Use System (TELUS)



List of Improvements

- New I-O Model Impact Types
- Map Selected Projects
- Project Photo
- Listing of Selected Projects
- Fiscal Constraint Check
- SAFTEA-LU Planning Objectives
 - Scoring Module
 - Planning Analysis Module



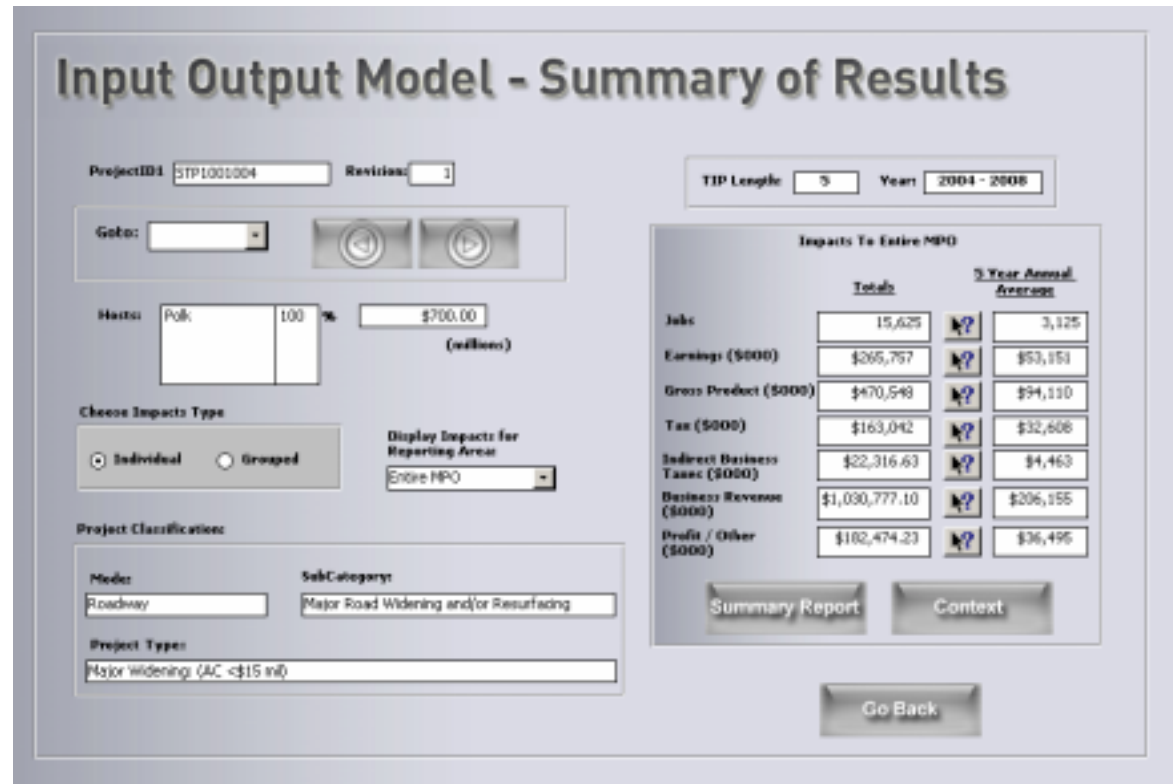
I-O Model Impacts (Existing and New)

- Existing Impacts

- Jobs
- Earnings
- Gross Product
- Tax

- New Impacts

- Indirect Business Taxes
- Business Revenue
- Profit



Screenshot of Summary I-O Model Impacts for a project

Existing Impact Types

- **Jobs:** New jobs created as a result of undertaking the particular transportation project
- **Earnings:** Earnings are defined as wages, salaries and proprietors' income.
- **Gross State Product:** Gross state product includes earnings, but adds property and other non-labor income. Generally speaking, gross state product equals the sum of earnings, profits, rental, and interest income.
- **Tax:** Decision makers are naturally interested in the state and local tax implications of construction projects because these are moneys that might be used to mitigate any negative construction phase impacts of the projects, or they might be used to fund other worthwhile projects.

- **Note:** The definition of economic categories used in the TELUS I-O model, particularly “jobs,” “earnings” and “gross state product” are those employed by the U.S. Department of Commerce and utilized particularly in their Regional Economic Information System (REIS). In general, the Commerce Department has evolved these definitions through the post-WWII era of regional data reporting and regional economists today generally accept them as standard.

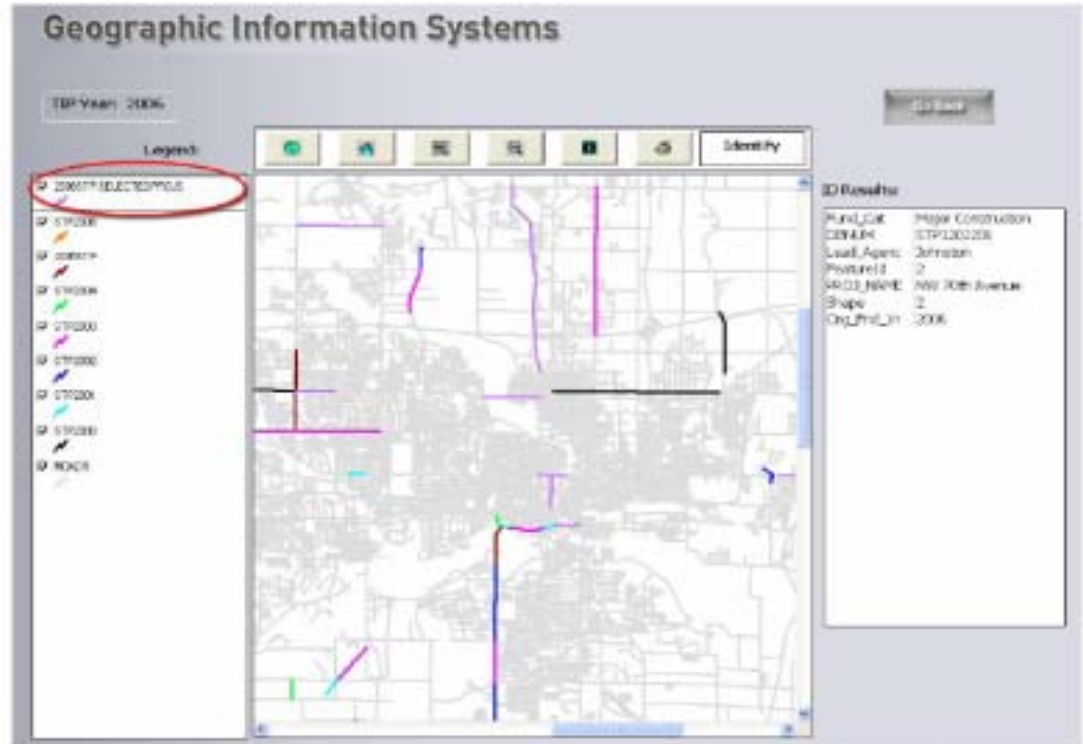


New Impact Types

- **Indirect Business Tax:** Indirect business taxes represent only a small portion of gross state product and are mainly comprised of: non-personal property taxes, licenses, non-tax liabilities, sales and gross receipt taxes, and federal indirect business taxes.
- **Business Revenue:** This value is by far the largest as it represents *all* of the revenue generated by the selected project, as opposed to just the value added by each business, shown as gross state product.
- **Profit/Other:** This is essentially the industry earnings less any taxes or other costs.

Map Selected Projects

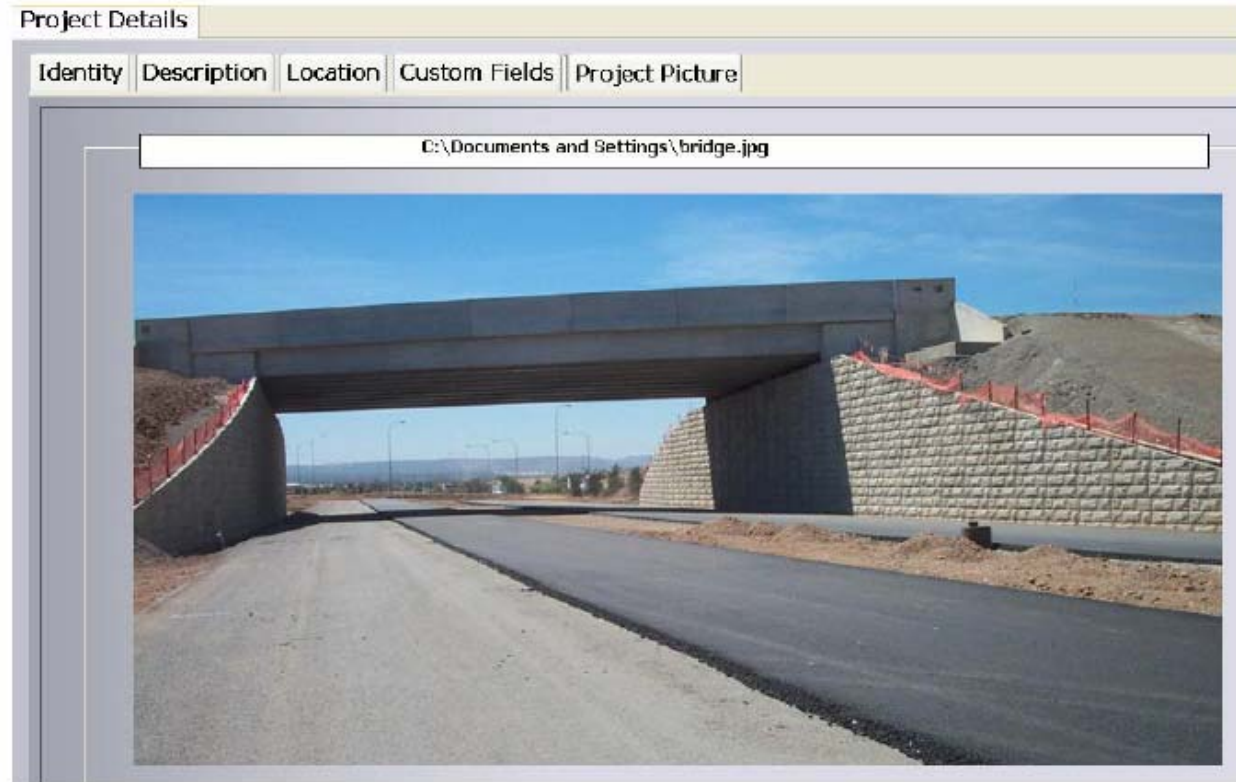
- Desktop TELUS 4.0 has the ability to display selected projects using GIS.



Select Projects Displayed using GIS

Project Photo

- Ability to add Photographs of projects along with project information.



Project photo included with project information

Listing of Selected Projects

- View list of selected projects
- Select project from list to get further information

Project ID1	Project Name
STP1103106	Euclid Avenue
STP1202206	NW 70th Avenue
STP1402906	12th Avenue
STP1602706	NW 6th Drive & NW 16th Street
STP1702306	Hickman Road
STP1702506	Douglas Avenue
STP1902006	University Avenue
STP701606	ML King Jr Parkway East Extension
STP702406	E 21st Street
STP702606	Second Avenue
STP702806	University Avenue

List of Projects

Fiscal Constraint Check

- Helps achieve “Fiscal Constraintness”
- Works with the Budget Module
- Displays warning messages
- Instantaneous Feedback
- Improves efficiency
- Turn On/Off

TELUS Fields | Custom Fields

Choose A Field:

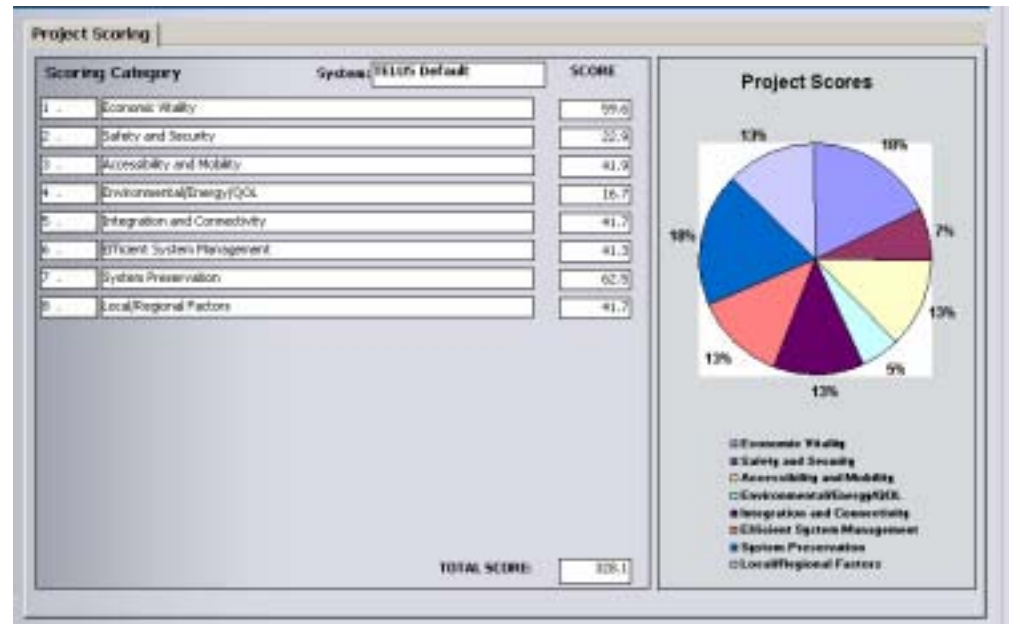
- Project ID1
- Project ID2
- Project ID3
- Lead Agency
- Mode
- User Category
- Route 1
- Route 2
- Air Quality
- Env. Imp. Stmt
- Funding Source
- State
- County
- Municipality
- District 1
- District 2
- District 3
- District 4
- Year
- \$ units
- Dec. Places
- Phase of Work

Length of TIP: 3 yrs

Check Budget when funds are allocated to projects

SAFTEA-LU Planning Objectives

- Safety and Security split into separate planning factors.
- Default TELUS Scoring System and Planning Analysis module address the 8 planning factors of SAFTEA-LU



Conclusion

- Free for MPOs and DOTs
- Free technical support
- Check out the Web TELUS system
- Visit us at Booth No. 17 at this Conference
- Visit <http://www.telus-national.org> for more information or to order TELUS for your agency

