Highway District 1 Transportation Plan

Kentucky Department of Highways

October 2011

INTERNAL WORKING DOCUMENT (NOT FOR PUBLIC DISTRIBUTION)



District 1

District 2

District 3

District 4

District 5

District 6

District 7

District 8

District 9

District 10

District 11

District 12



District Owned Process

- Assisted by Qk4 & Entran (Stantec)
 - Facilitated meetings
 - Documented process
 - Prepared reports

Meetings

- 2 in Central Office to:
 - Develop goals
 - Set & keep direction
 - Maintain Consistency

Meetings

- 2 in each District Office to:
 - First Round
 - Develop objectives
 - o Identify needs
 - Identify existing projects
 - Fill gaps
 - Last Round
 - Prioritize Projects

Goals

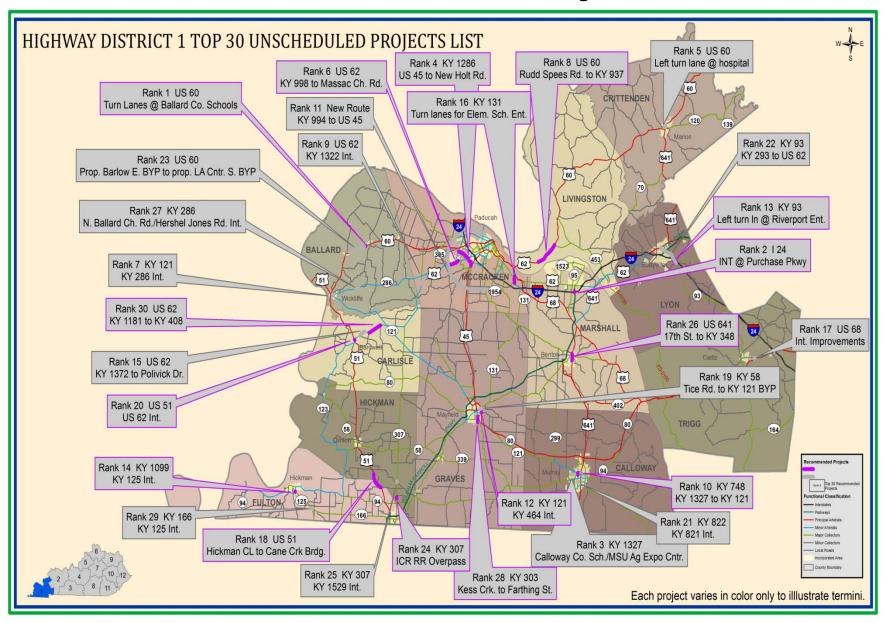
- Mobility
- Access
- Connectivity
- Safety

- Security
- Economic Stewardship
- Environmental Stewardship
- Involvement

Report

- District Overview
- Mission & Goals
- District Planning Process
- Recommended Projects

Recommended Projects

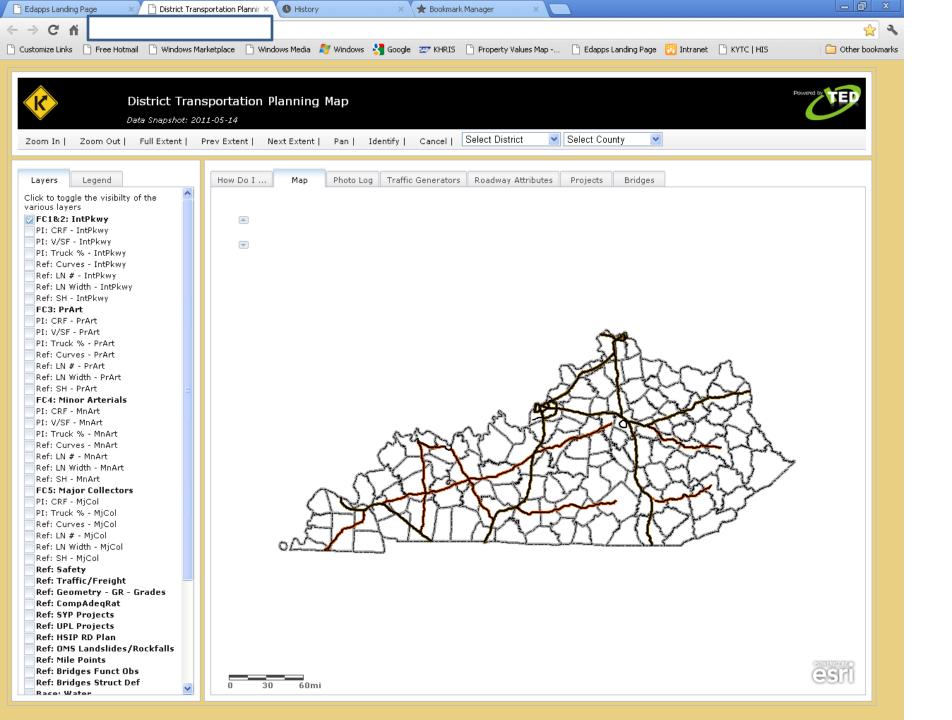


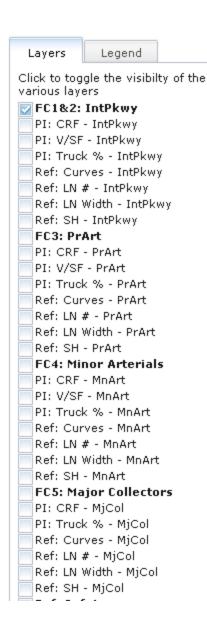
Continuing DTP Process

- 2012 Minor Review
 - Reconcile against 6YP
 - Meet with local officials
 - Coordinate with ADDs & MPOs
 - Document their concerns
 - Review/update goals & objectives
 - Update PIFs

Continuing DTP Process

- 2013 Major Review
 - Meet with local officials
 - Coordinate with ADDs & MPOs
 - Document their priorities
 - Identify additional projects
 - Update PIFs
 - Finalize priorities & report





The Decision was made to emphasis the typical critical problems by functional class within the 4 categories for easier viewing.

•Critical rates, Congestion, Truck percentage, curves, number of lanes and width, and shoulder types were separated into their appropriate functional class and mapped

•Critical Rates 0.95 – 0.99 verge of critical Critical Rates > 0.99 possibly critical

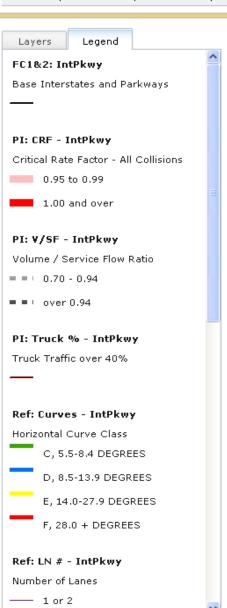
•V/SF 0.70 – 0.94 verge of critical V/SF > 0.94 possibly critical

•Truck Percent >29 verge of critical Truck Percent >39 possibly critical

Curves, Lane number and width, and shoulders were mapped and symbolized to differentiate for reference purposes



Zoom In |



PI: CRF - IntPkwy

Critical Rate Factor - All Collisions

0.95 to 0.99

1.00 and over

PI: V/SF - IntPkwy

Volume / Service Flow Ratio

= = 1 0.70 - 0.94

■ ■ | over 0.94

PI: Truck % - IntPkwy

Truck Traffic over 40%

Ref: Curves - IntPkwy

Horizontal Curve Class

C, 5.5-8.4 DEGREES

D, 8.5-13.9 DEGR€ES

E, 14.0-27.9 DEGREES

F, 28.0 + DEGREES

Ref: LN # - IntPkwy

Number of Lanes

— 1 or 2

3 or 4

5 or 6

more than 6

Ref: LN Width - IntPkwy

Lane Width

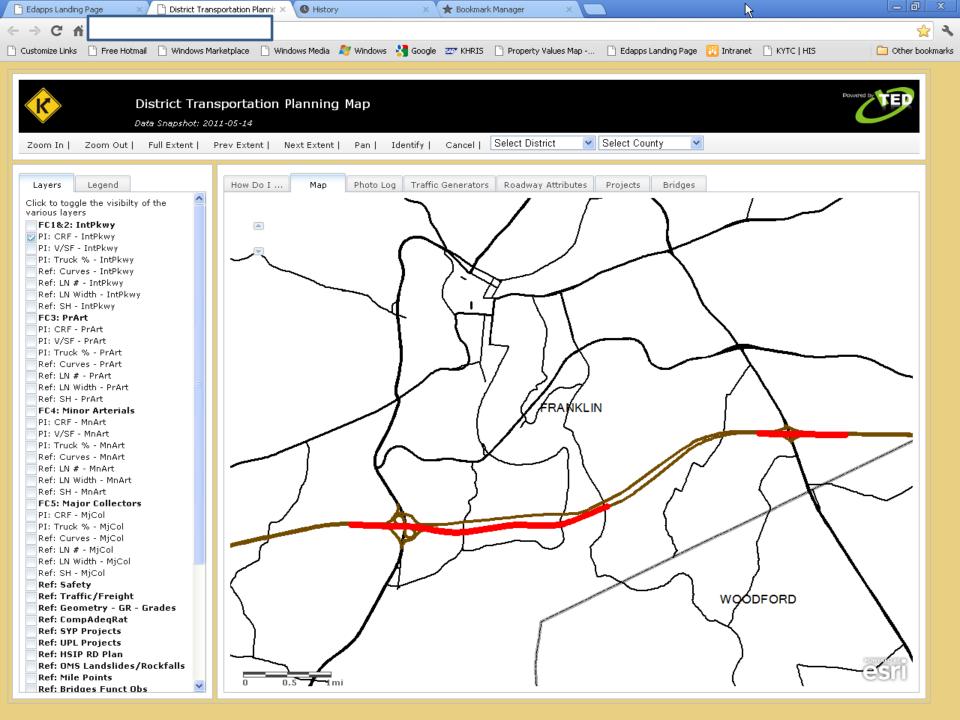
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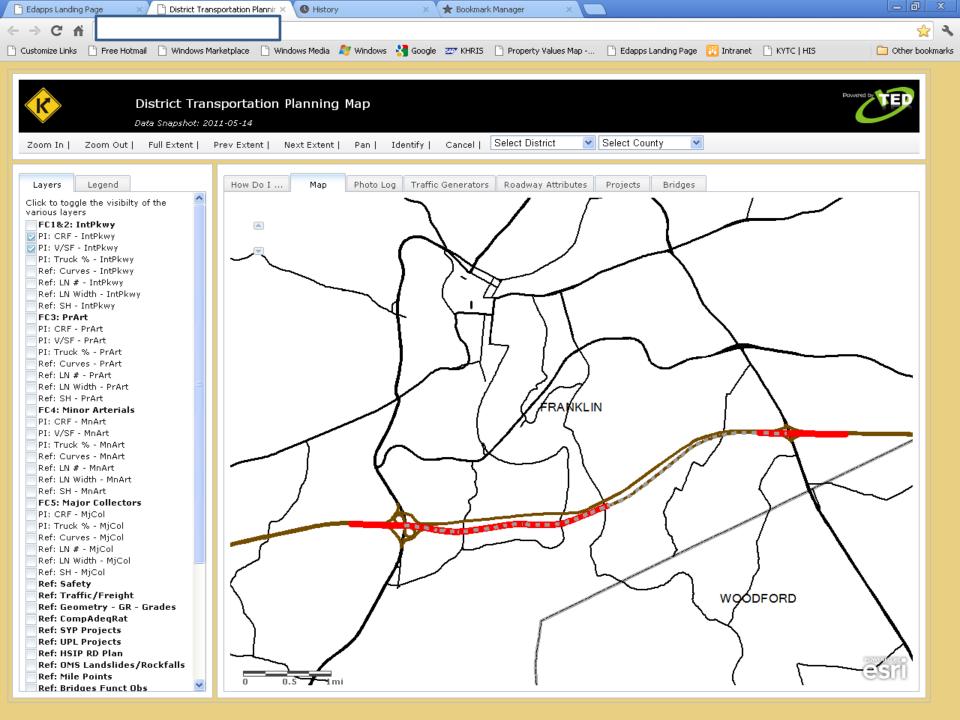
Ref: SH - IntPkwy

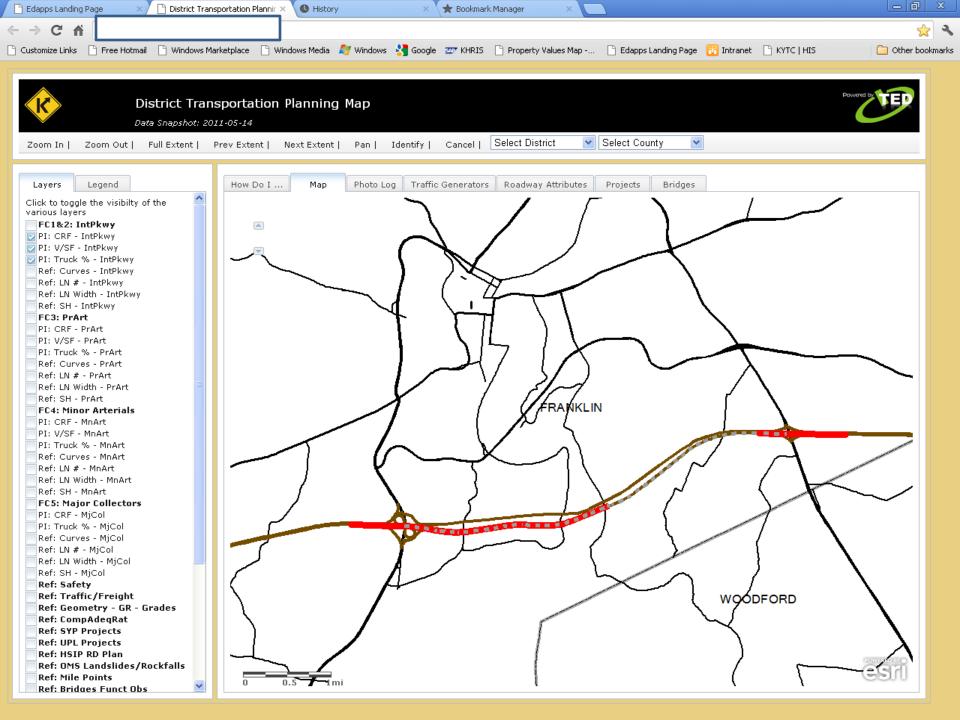
SH - Int & Pkwy

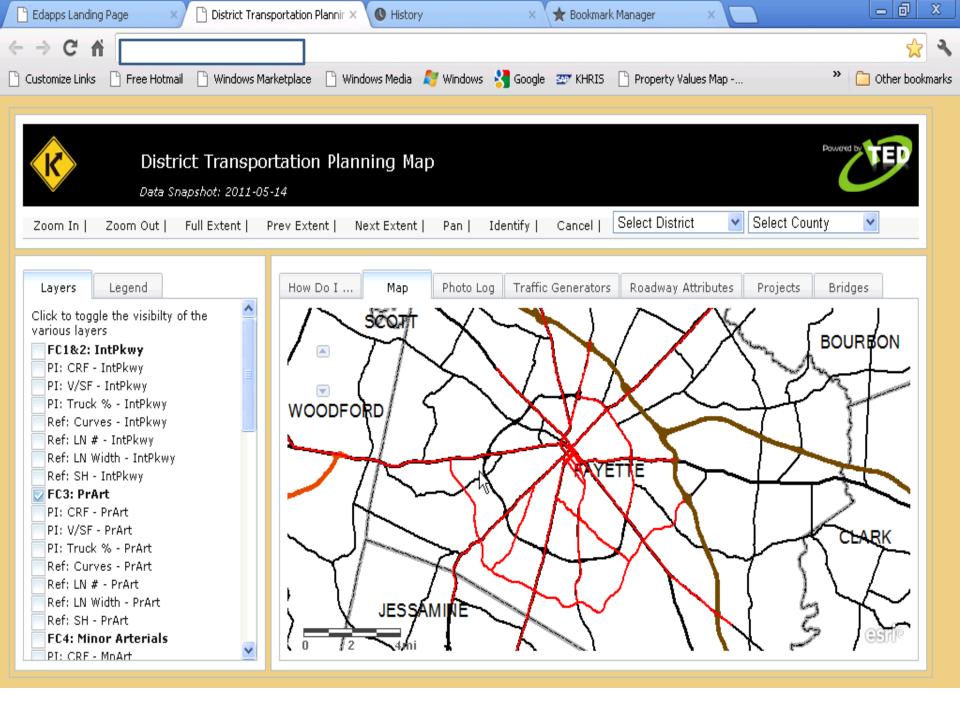
--- <= 2'

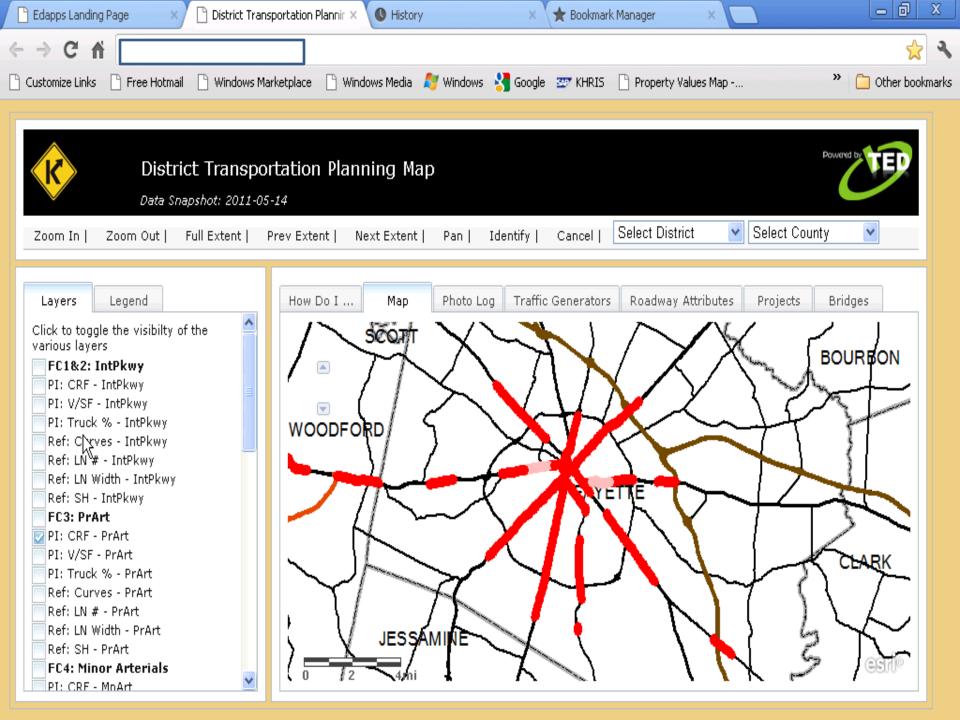
2' - 5'

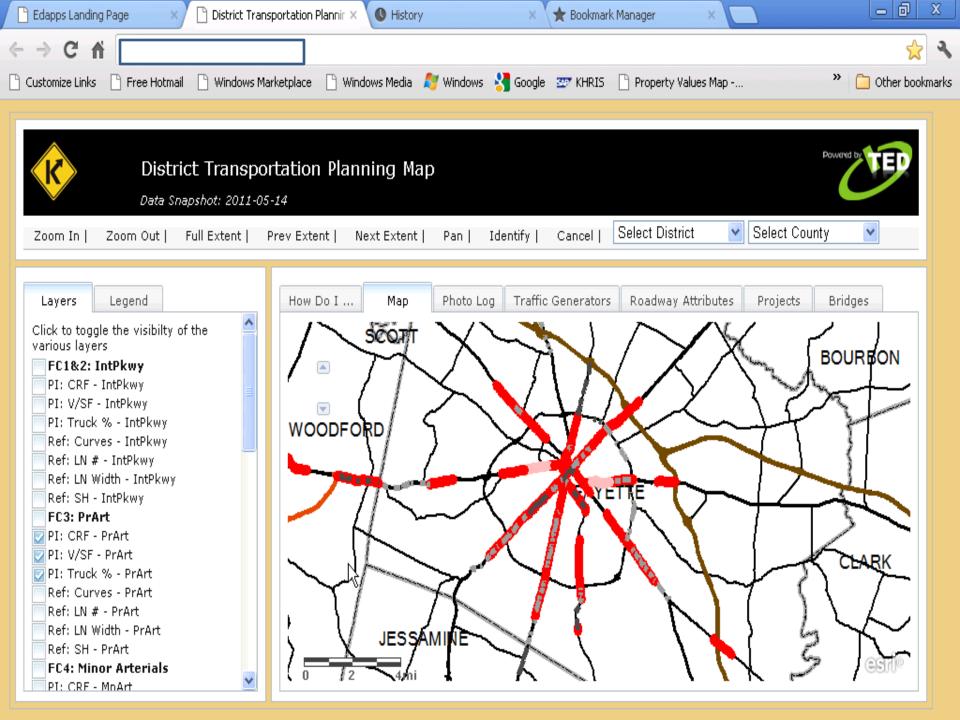


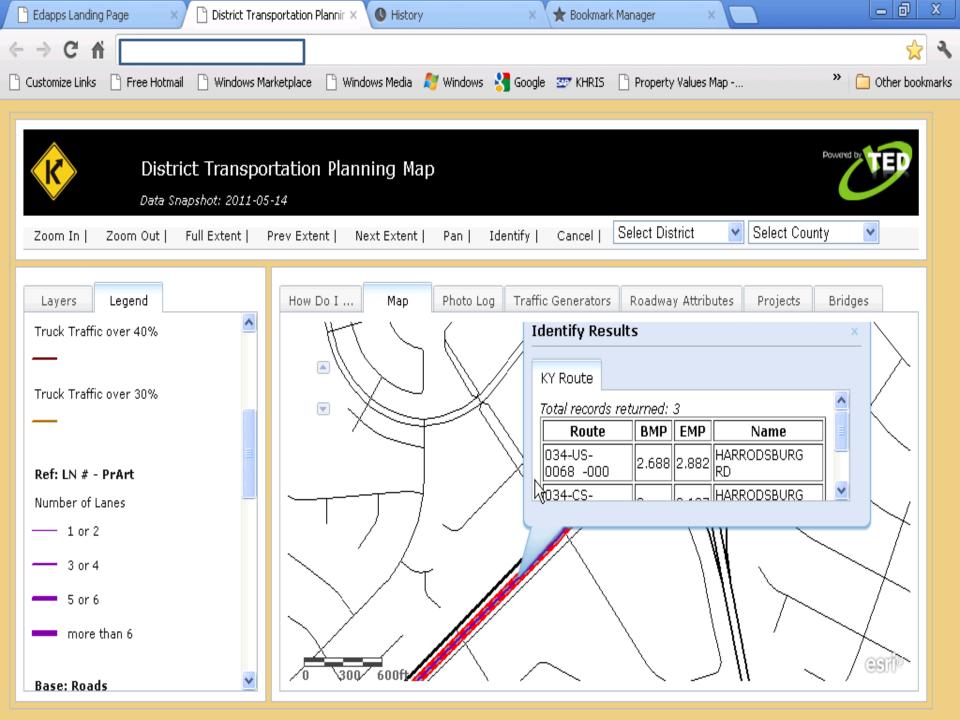


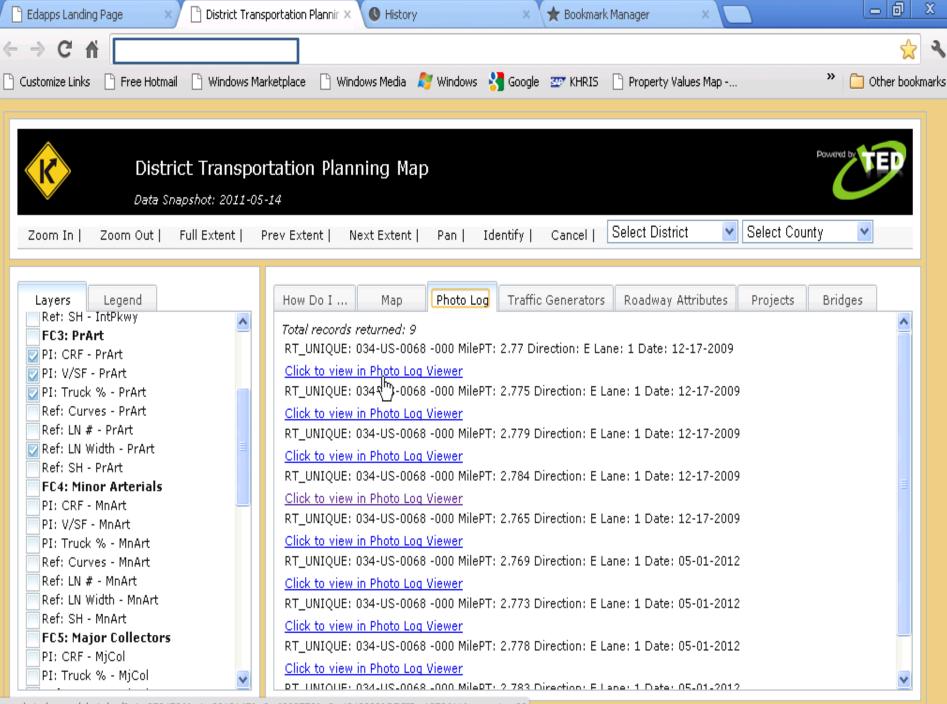


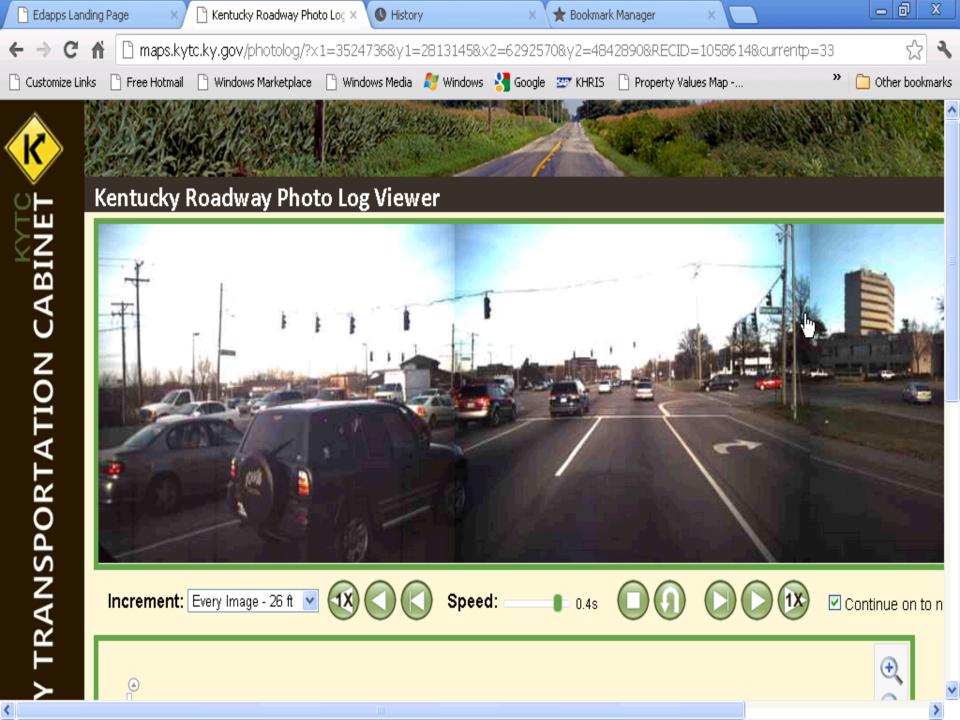


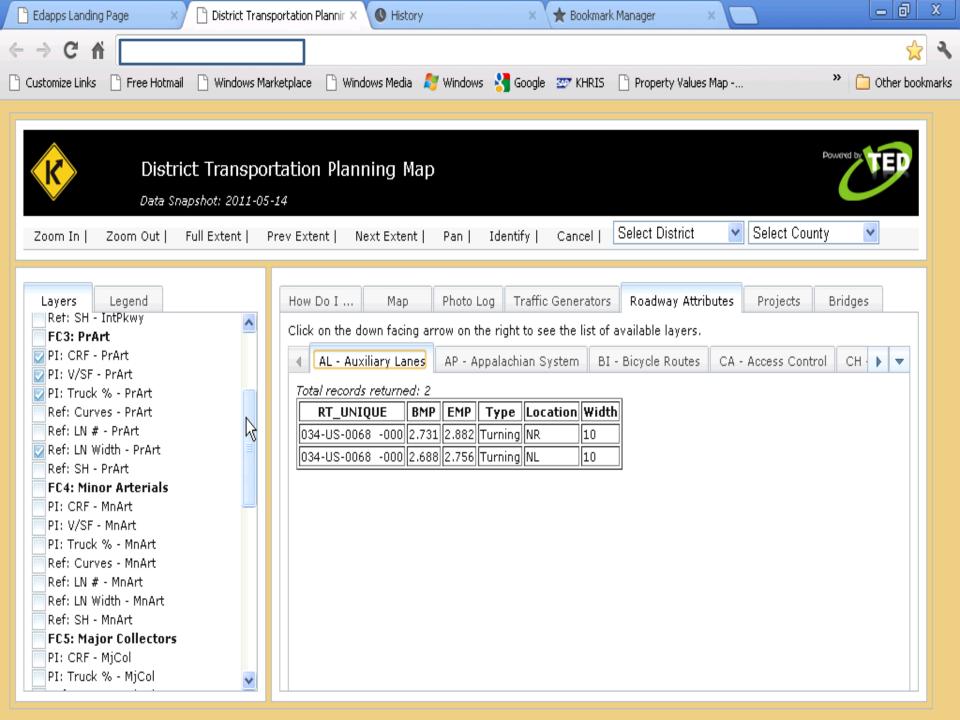


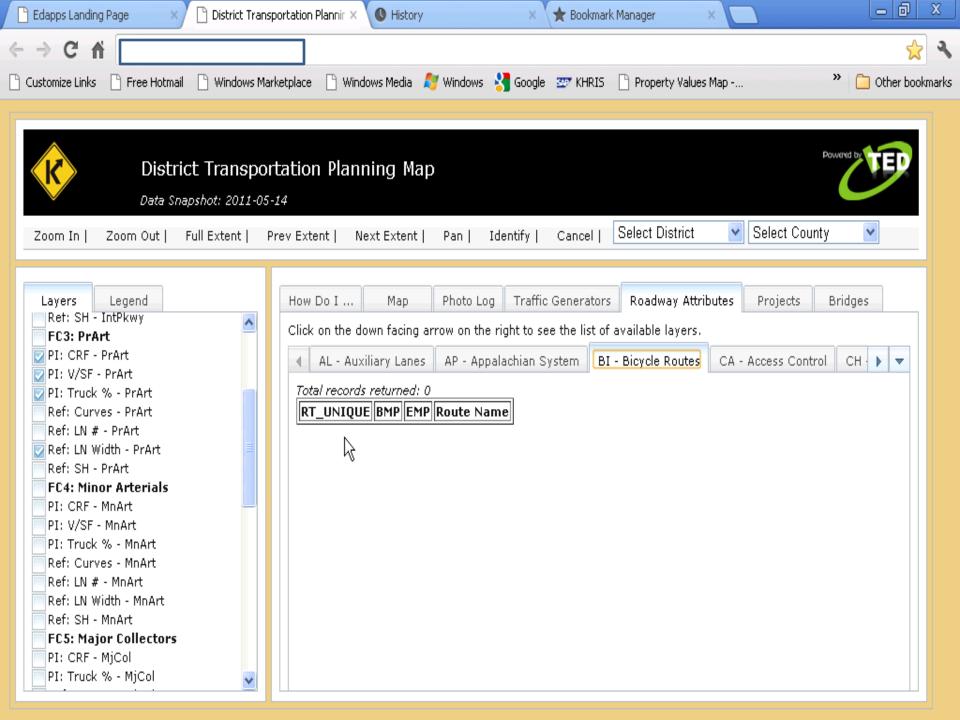


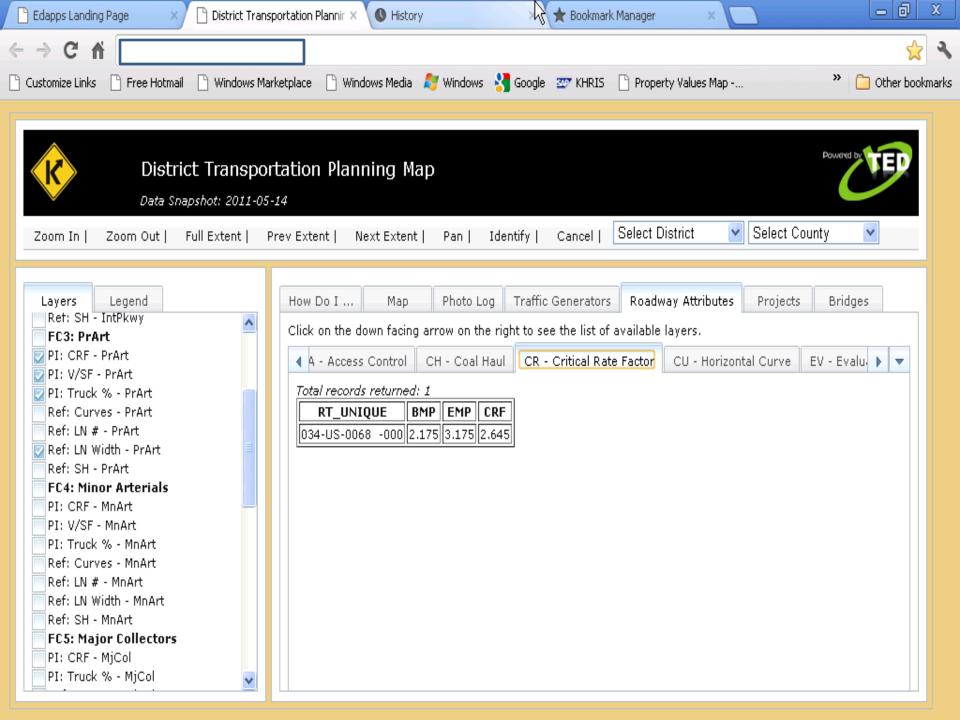


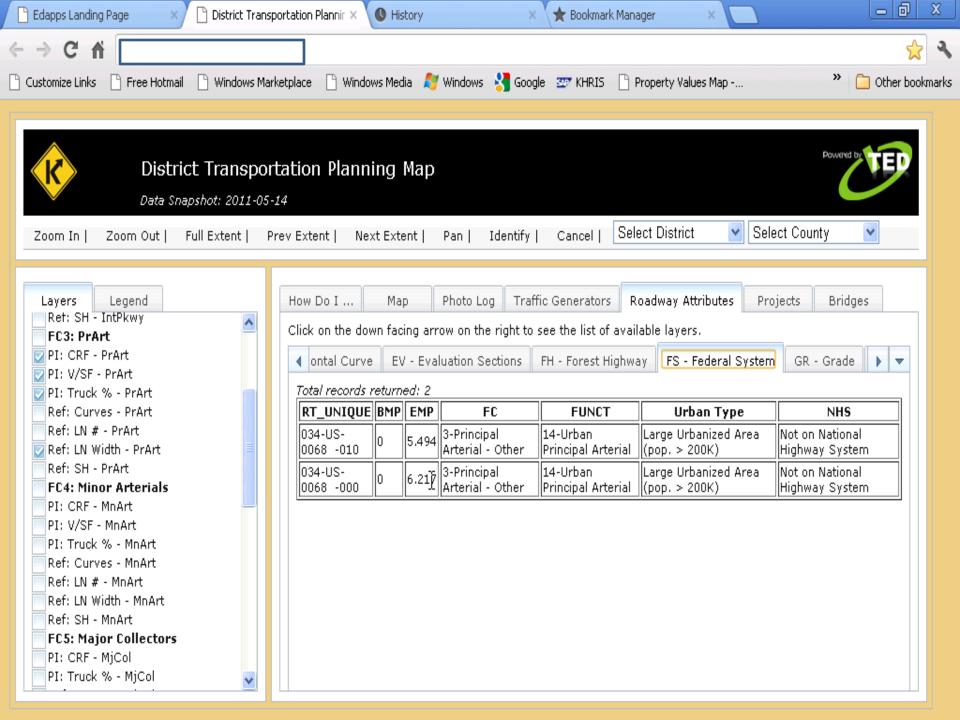


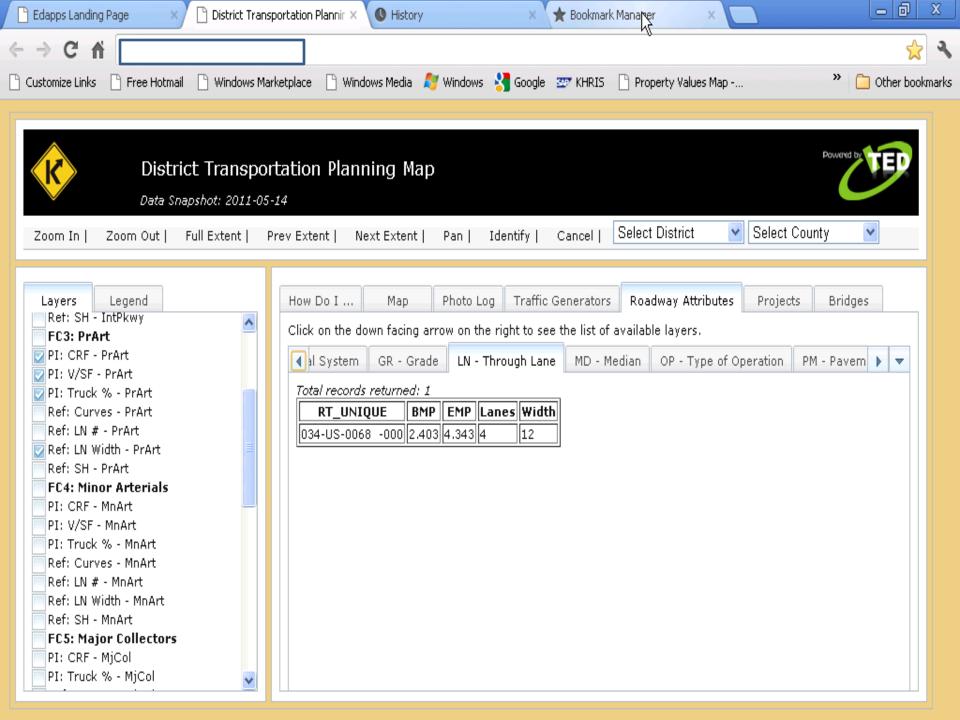


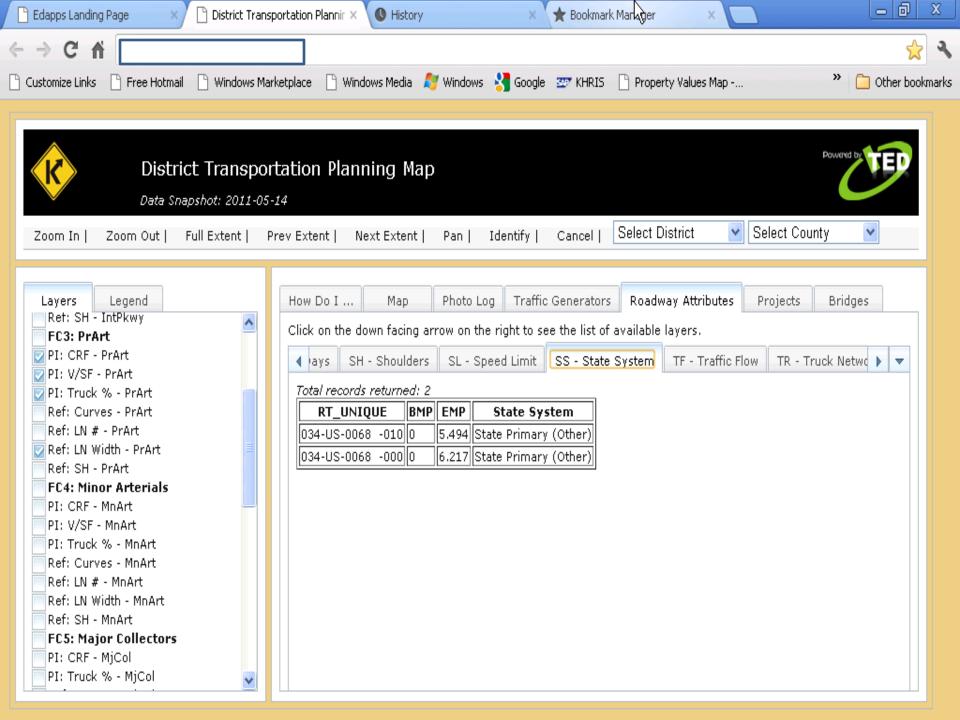


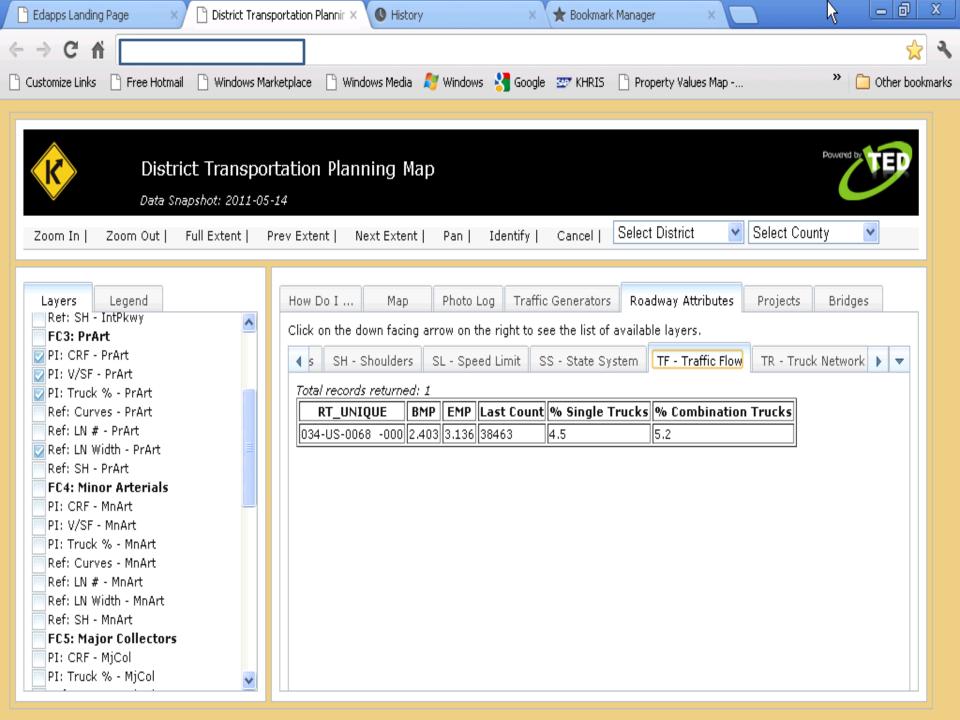


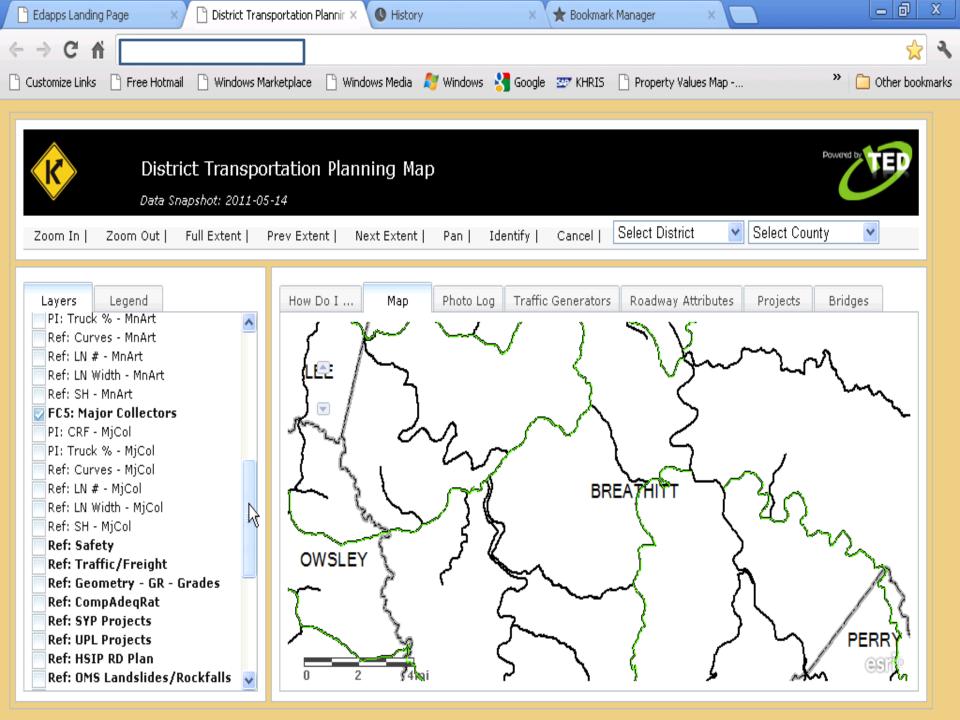


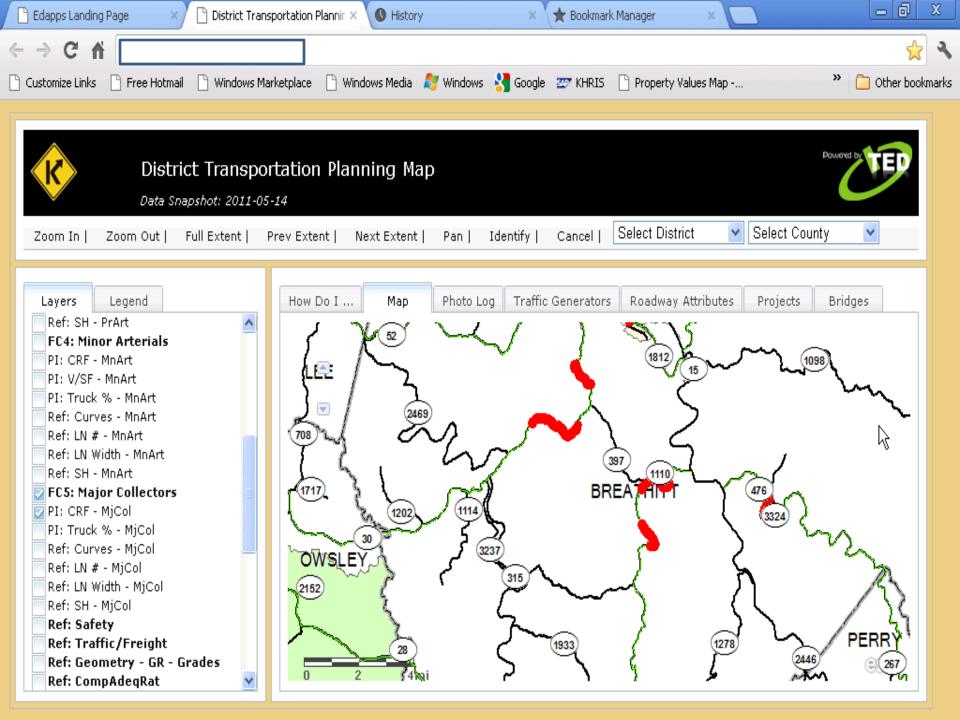


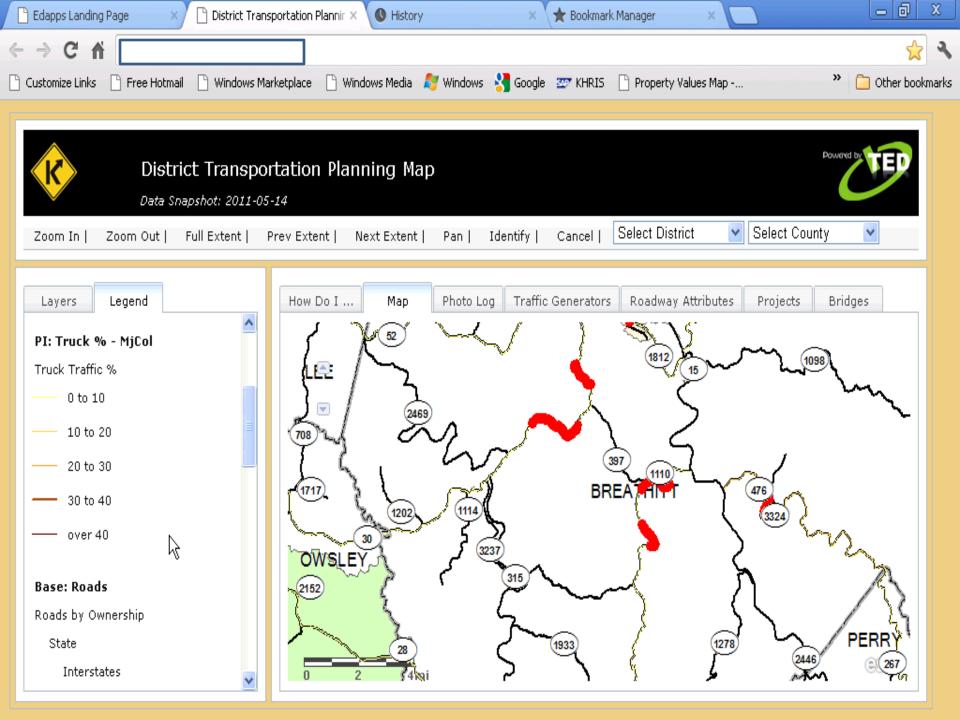


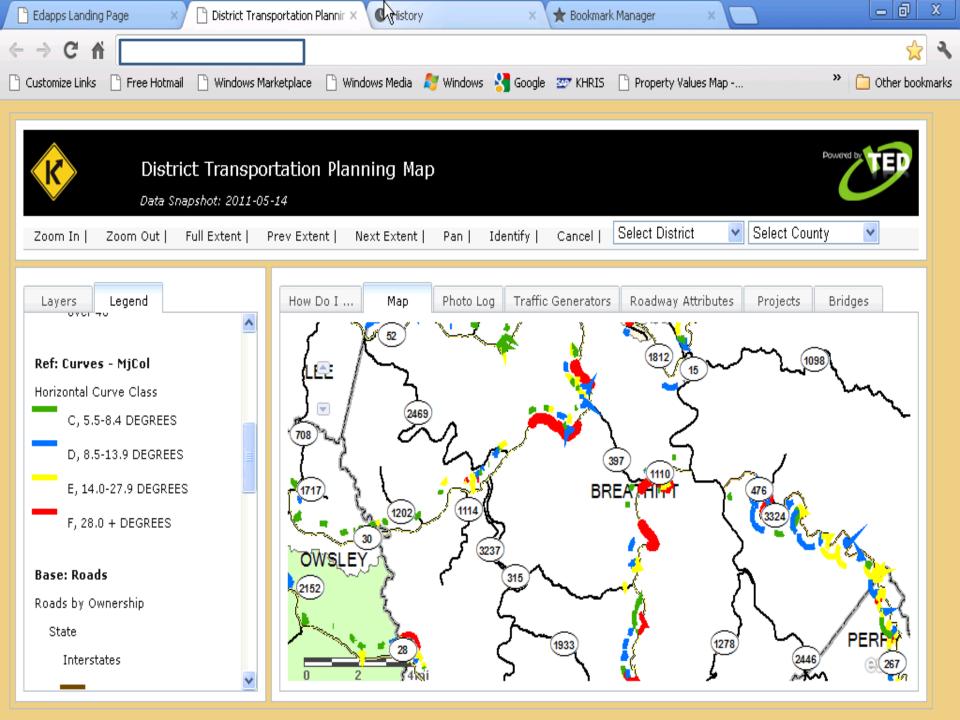


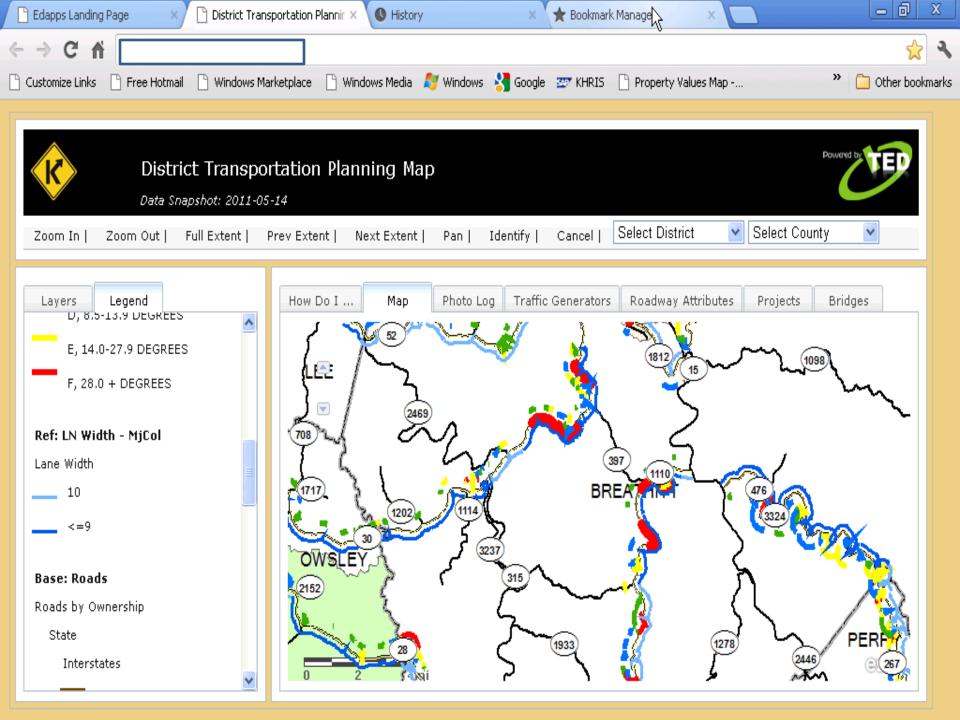


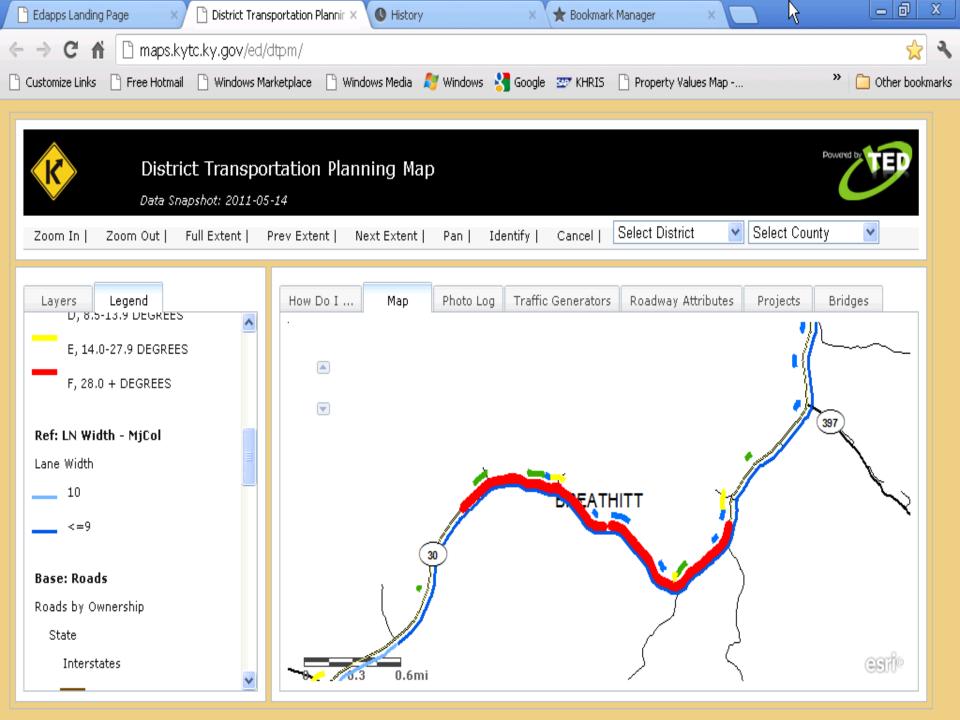


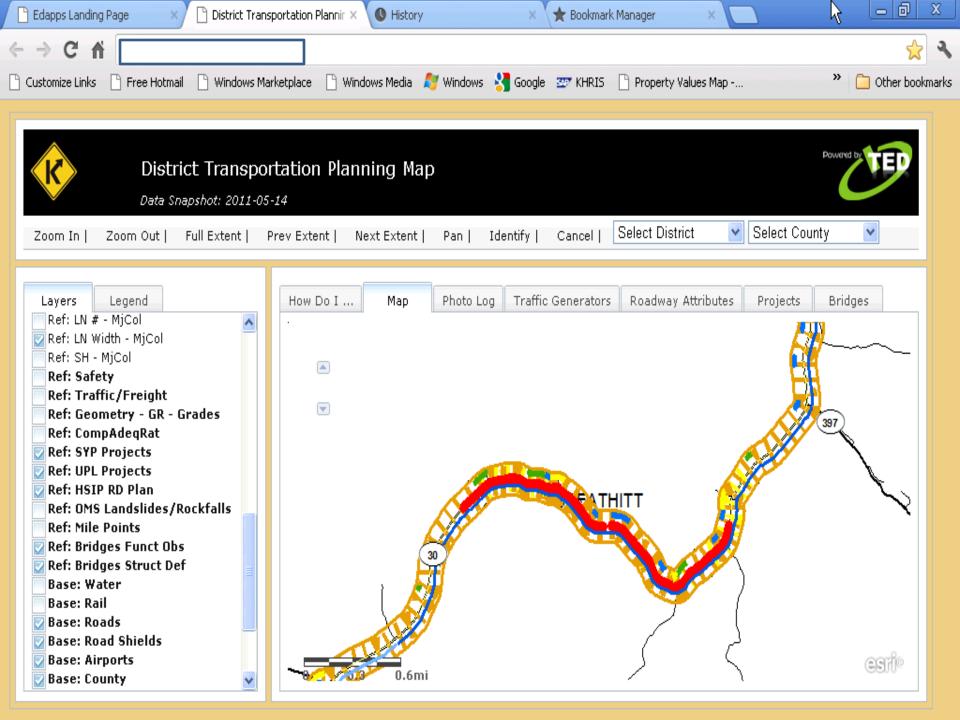


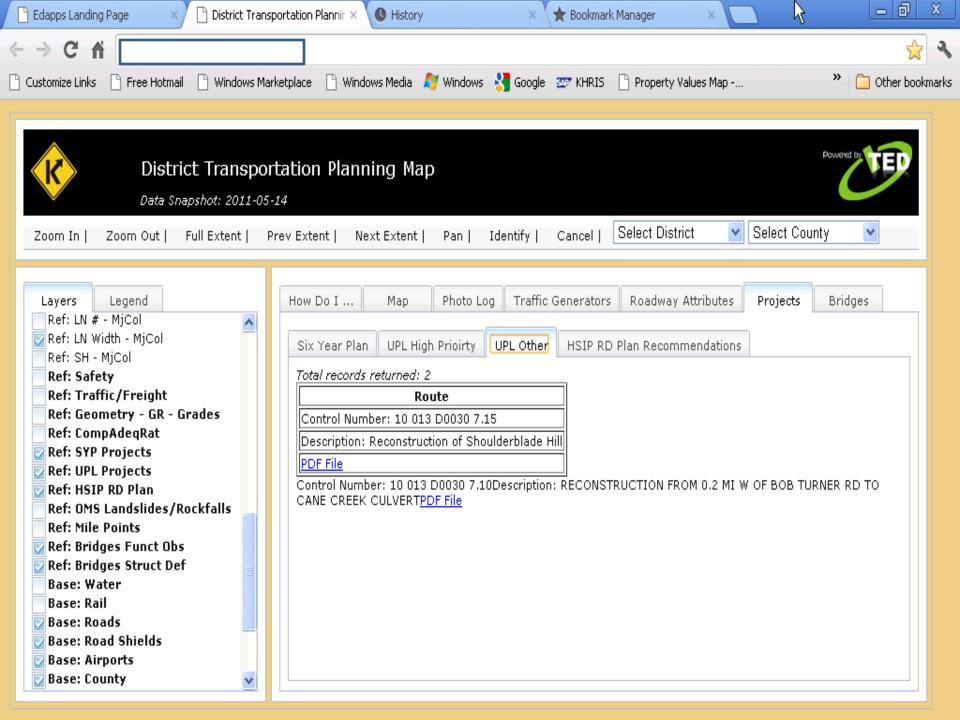


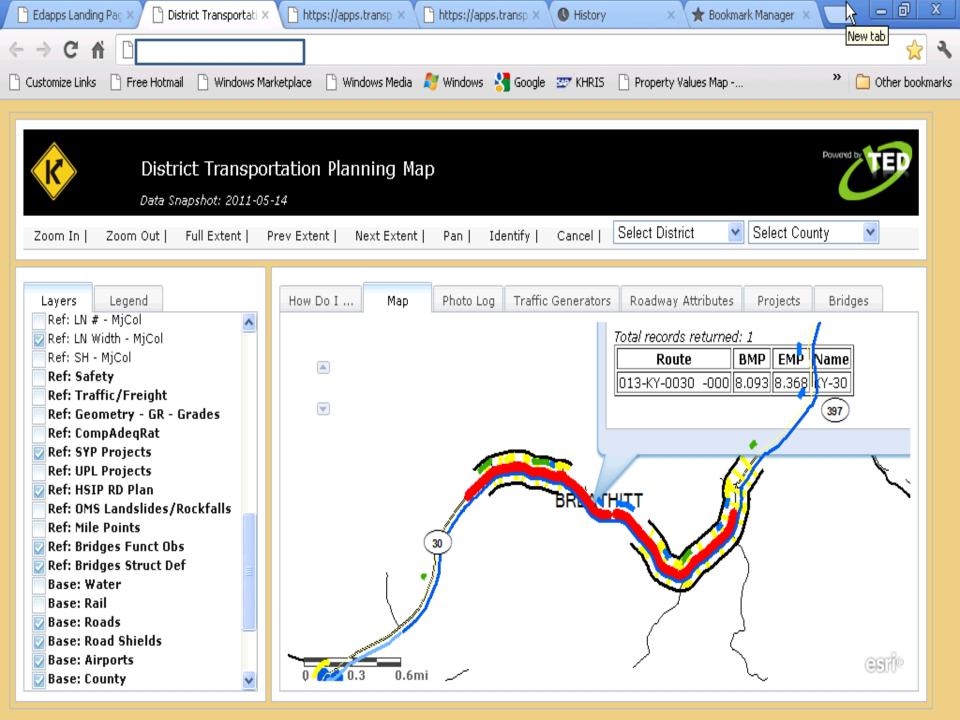


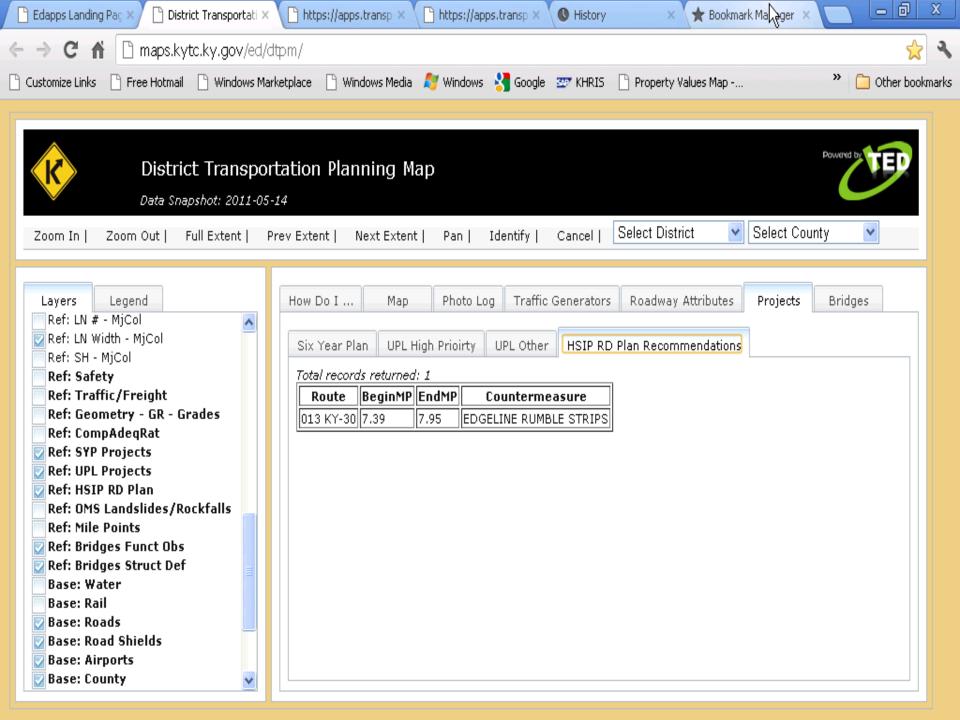


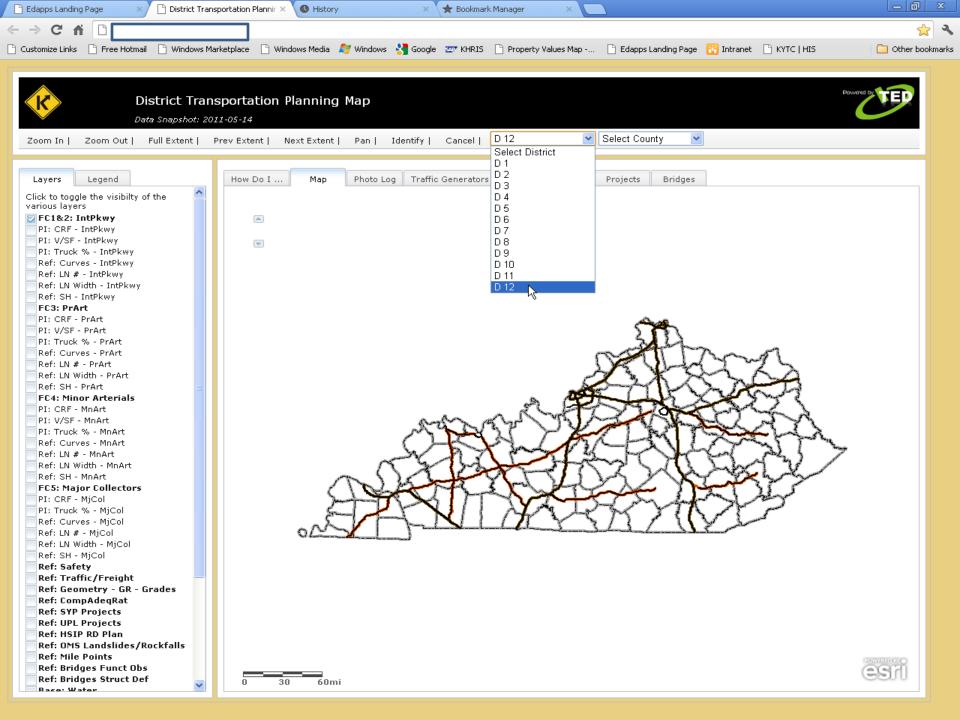






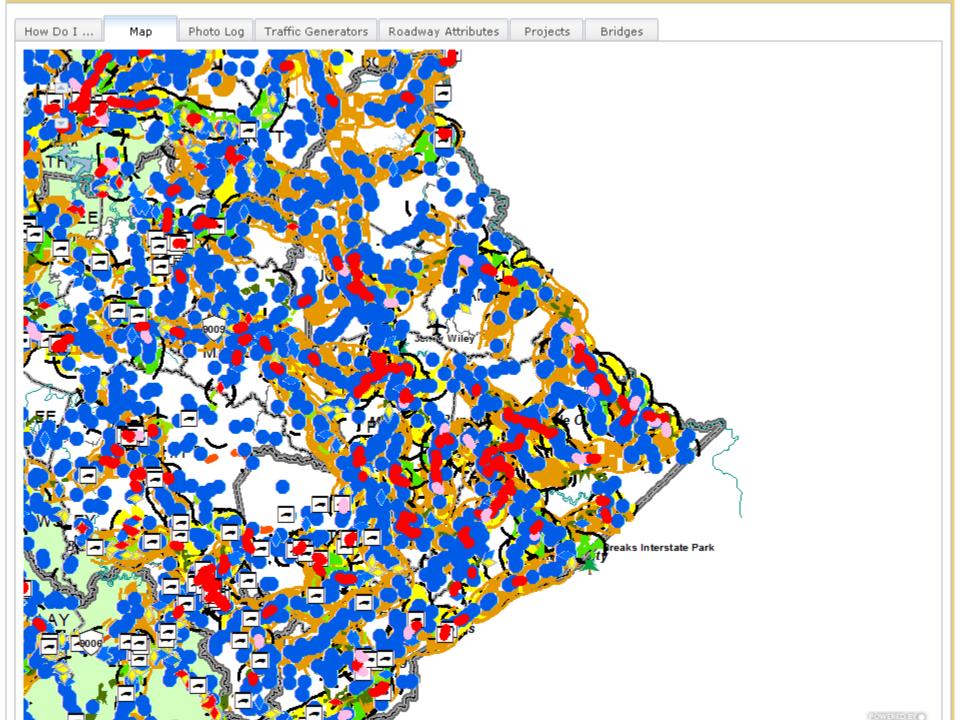


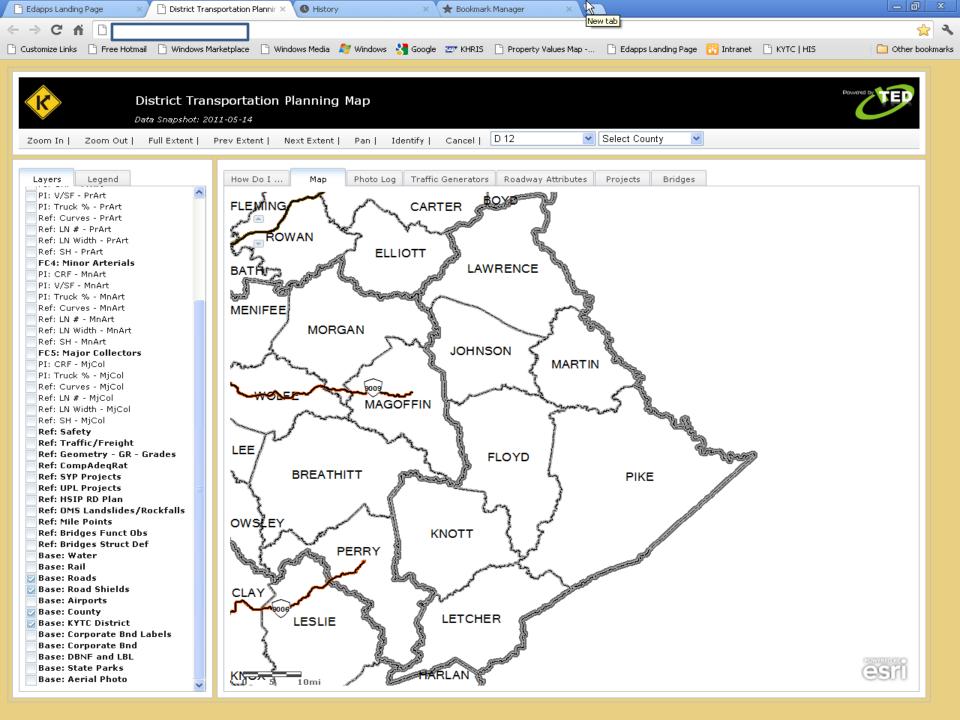


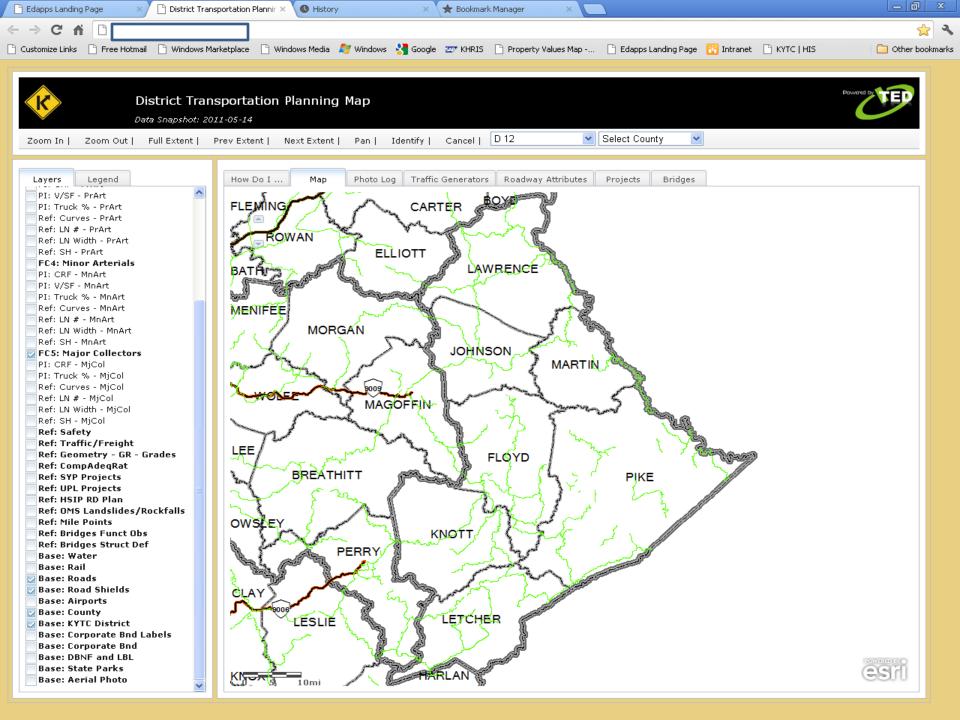


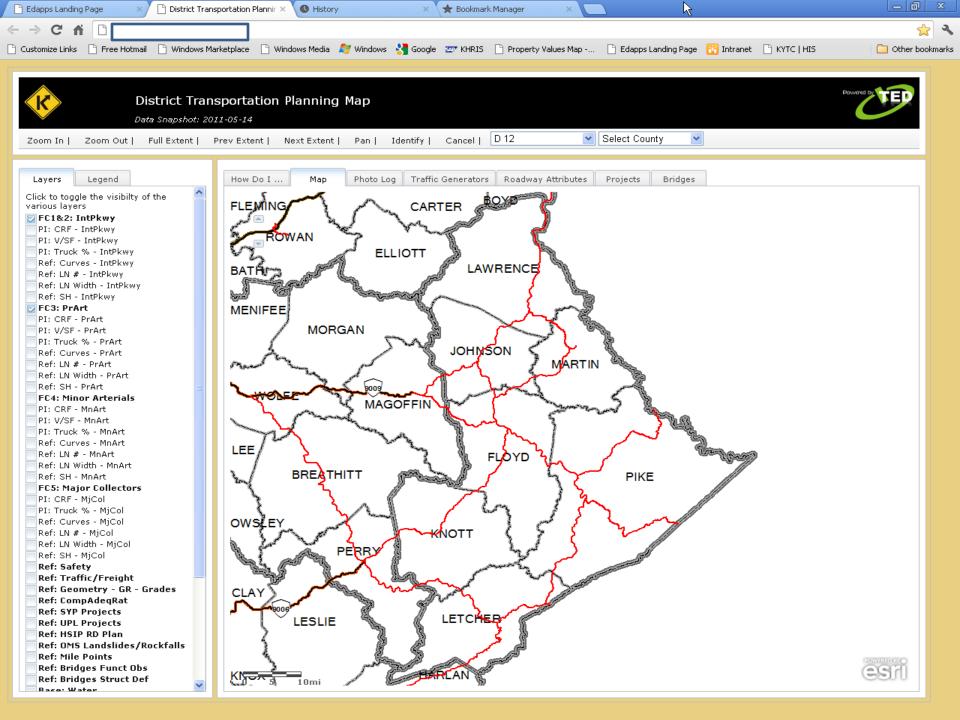
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Ref: Traffic/Freight	Traffic Generators	Ref: OMS Landslides/Rockfalls	Airports
Ref: Geometry - GR - Grades	•	LANDSLIDES_0708_0809	†
Ref: CompAdeqRat	Ref: Geometry - GR - Grades	_	
Ref: SYP Projects	Grade Class	ROCKFALLS_0708_0809	Base: County
Ref: UPL Projects	D - 4.5 to 6.4 percent	_	County Boundary
Ref: HSIP RD Plan	E - 6.5 to 8.4 percent	- 6	
Ref: OMS Landslides/Rockfalls	F - 8.5 + percent	Ref: Bridges Funct Obs	Base: KYTC District
Ref: Mile Points	•	Bridges - Functionally Obsolete	KYTC District Boundary
Ref: Bridges Funct Obs	Ref: CompAdeqRat		
Ref: Bridges Struct Def	Composite Adequacy Ratings	Ref: Bridges Struct Def	
Base: Water	0 - 30	Bridges - Structurally Deficient	Base: Corporate Bnd Labels
Base: Rail	30 - 45	•	Corporate Boundaries Labels
🔽 Base: Roads			
Base: Road Shields	Ref: SYP Projects	Base: Water	
Base: Airports	SYP	Rivers	Base: Corporate Bnd
🔽 Base: County			Corporate Boundaries
Base: KYTC District	Defe UDL Desirate	Large Lakes	
Base: Corporate Bnd Labels	Ref: UPL Projects UPL Projects - High Priority		Base: DBNF and LBL
Base: Corporate Bnd	T	Base: Rail	DBNF and LBL
Base: DBNF and LBL	uni n i i i nil	Railroad	
Base: State Parks	UPL Projects - Other	Active Railroad	
Base: Aerial Photo	Ш	——	Base: State Parks
<u> </u>	Ref: HSIP RD Plan		State Park Lodge
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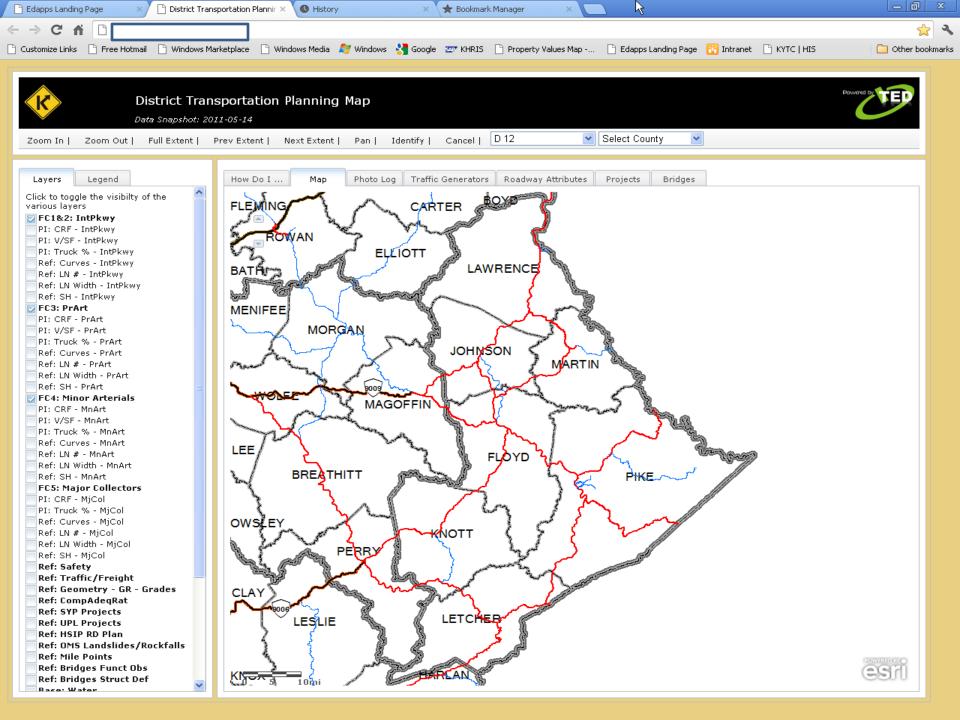
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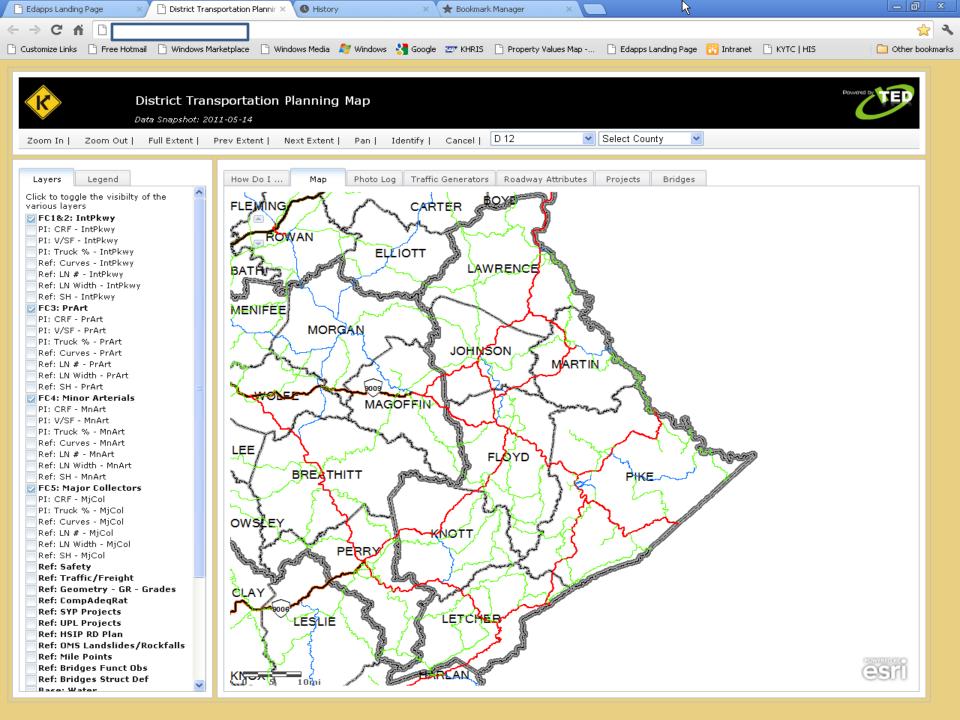


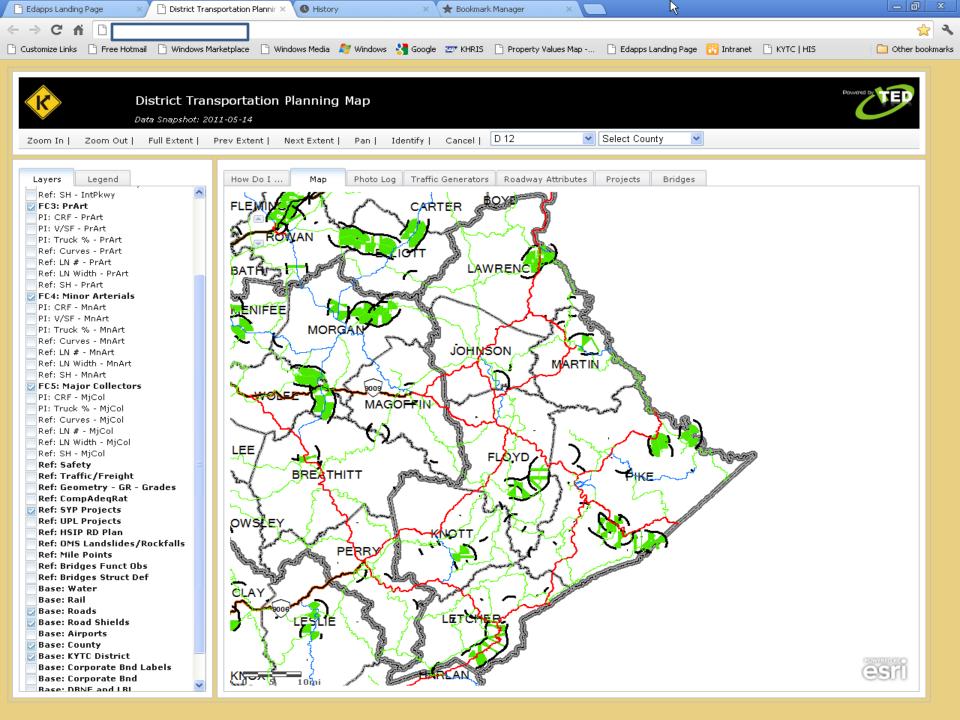


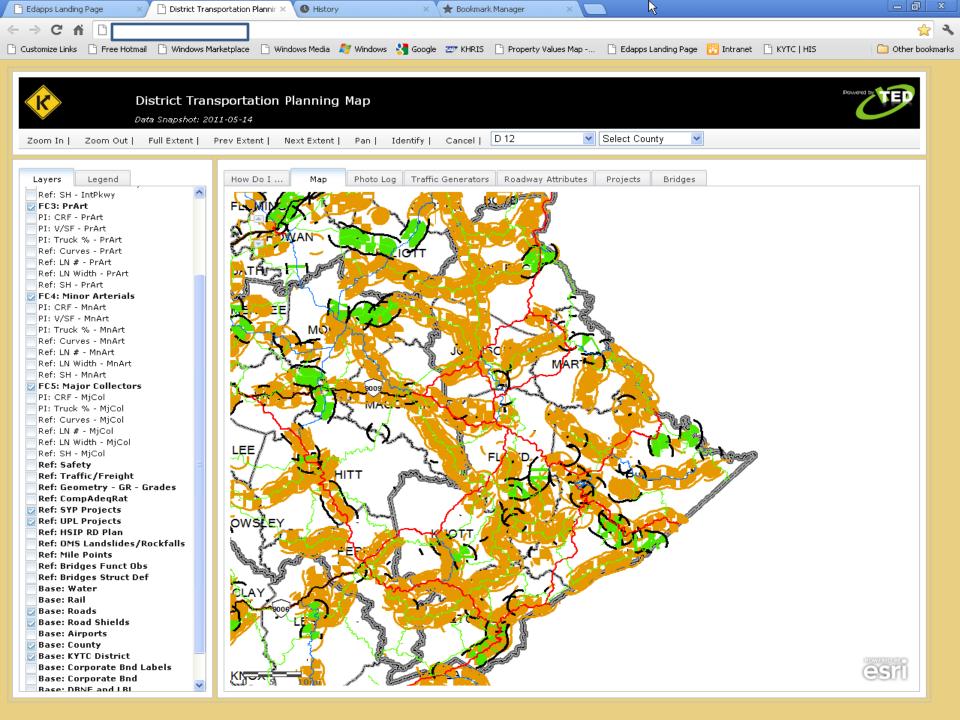


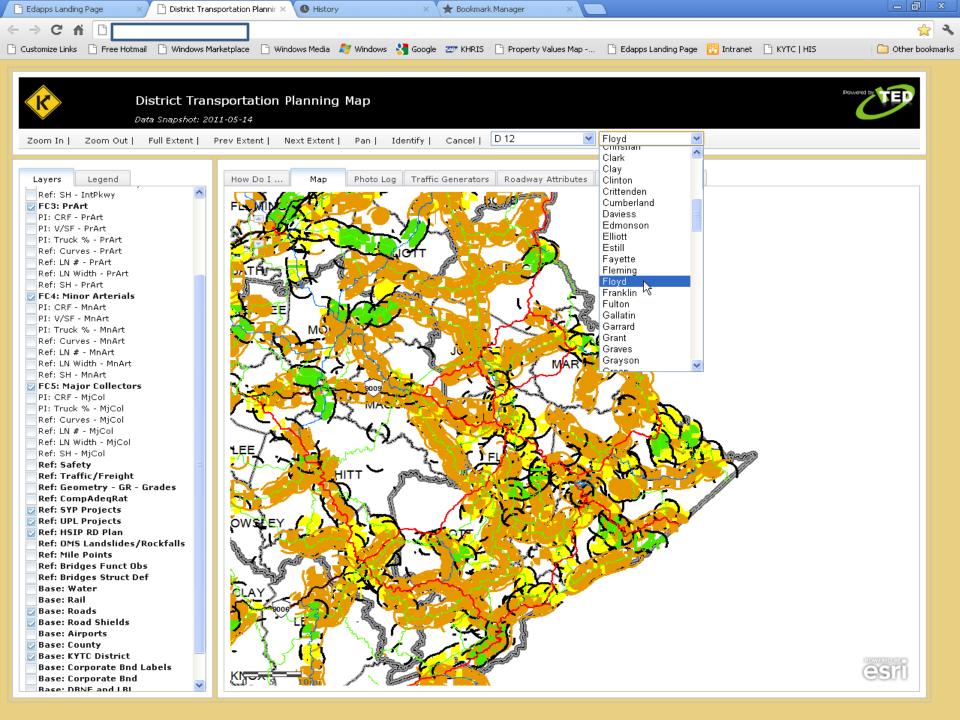


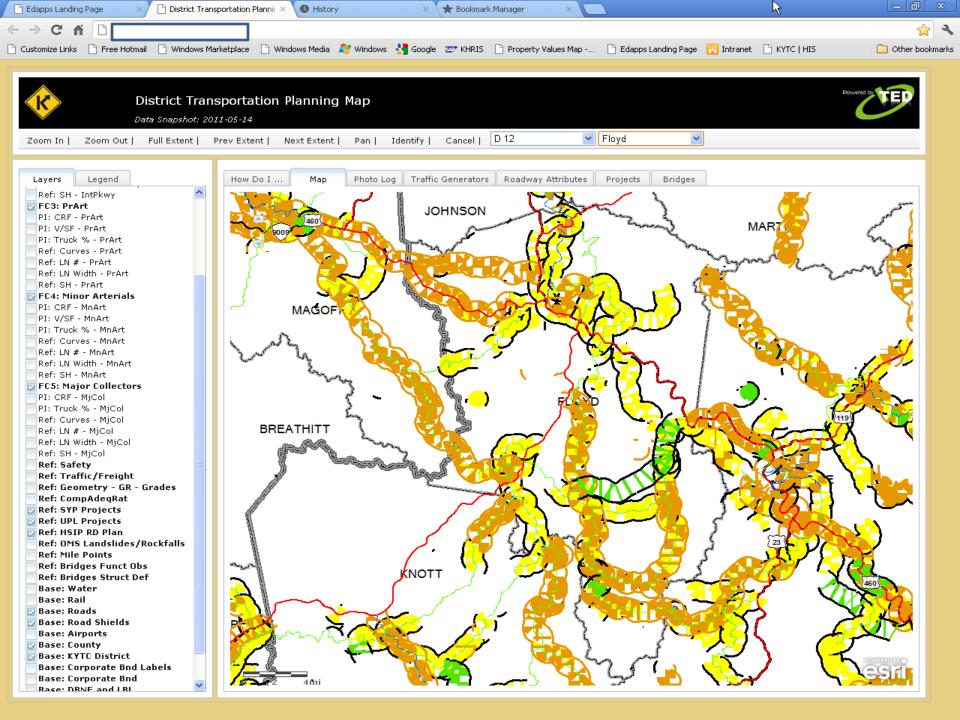


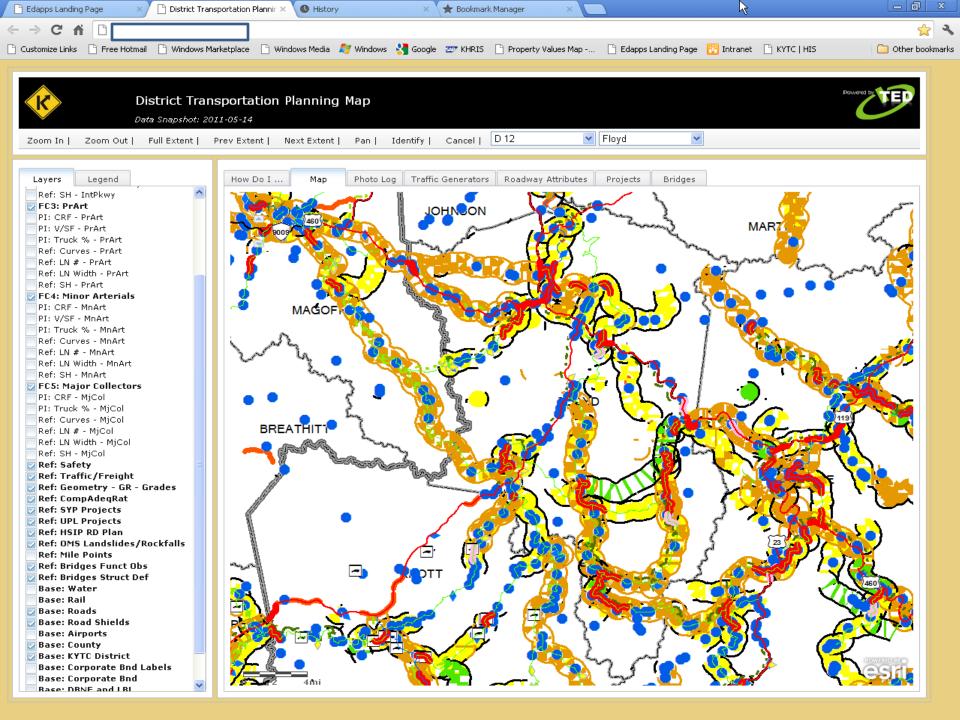


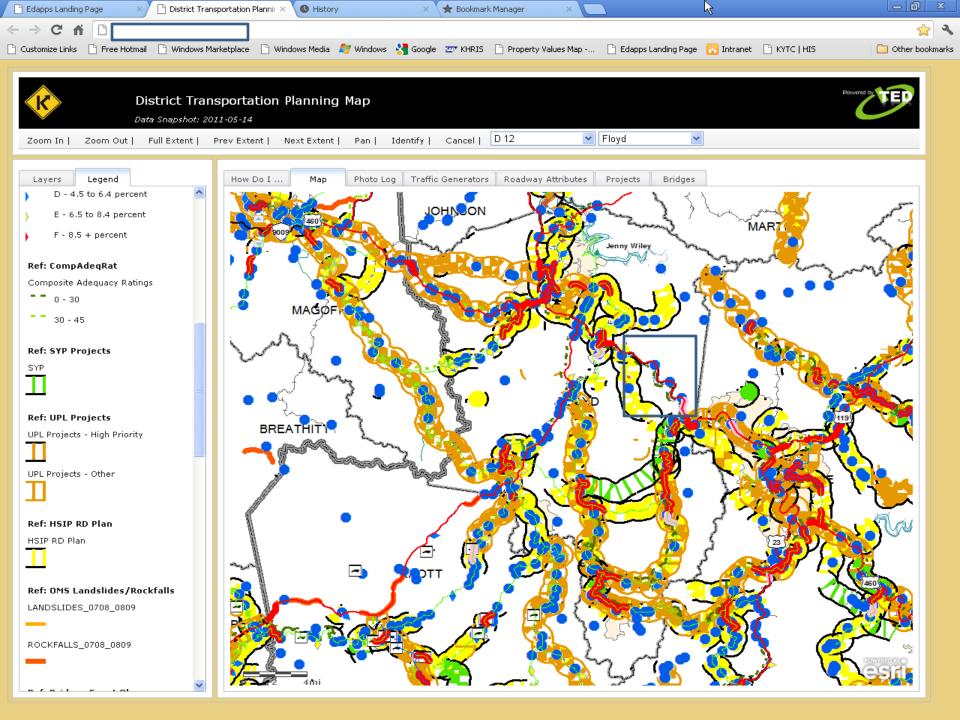


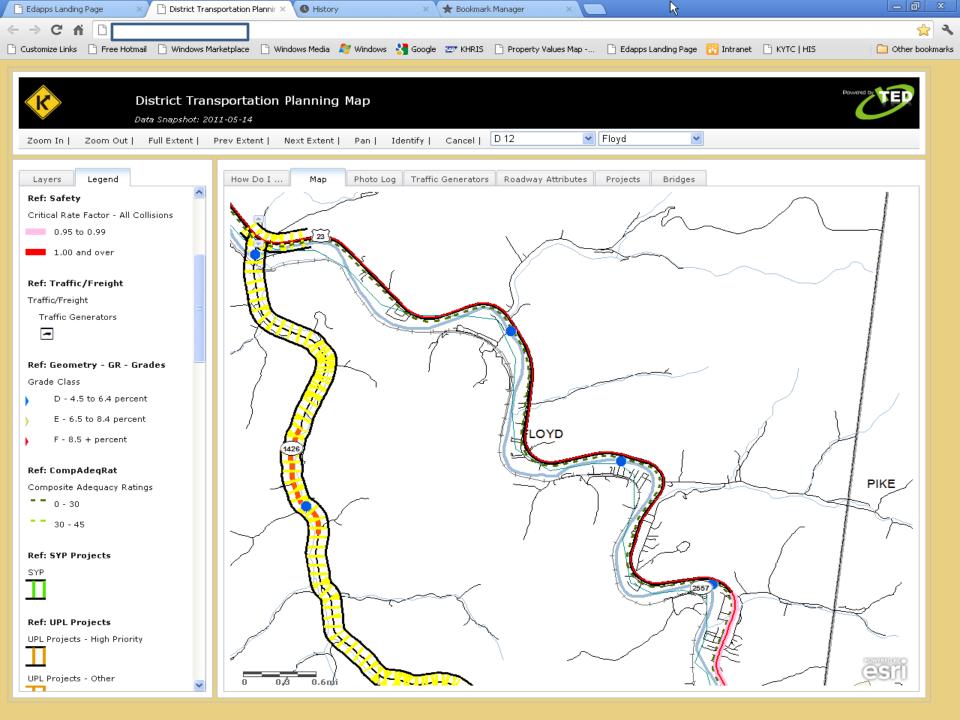


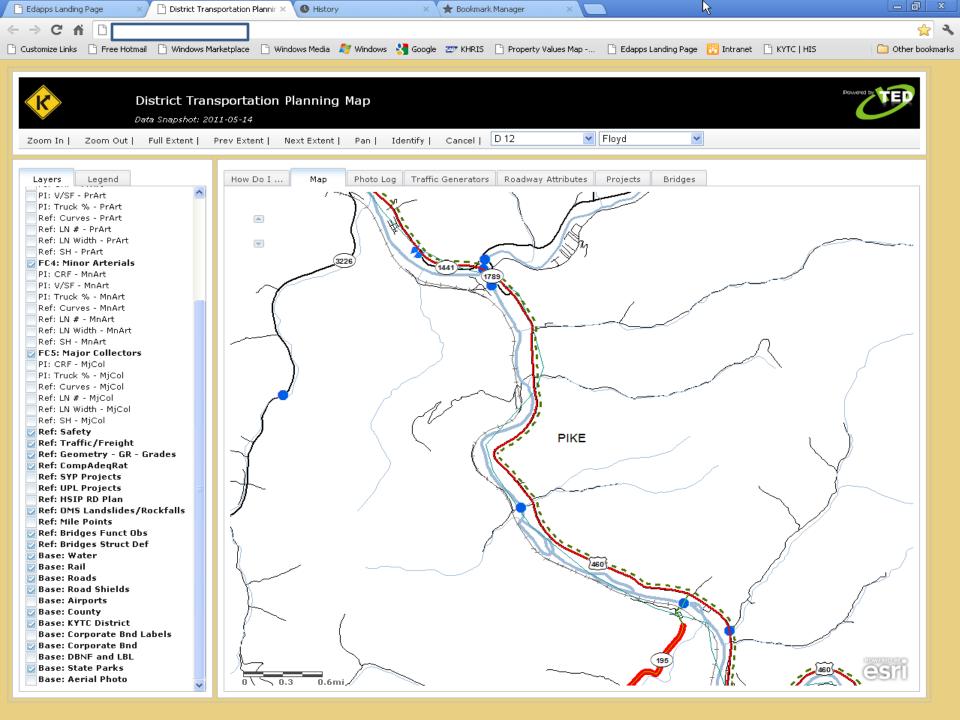


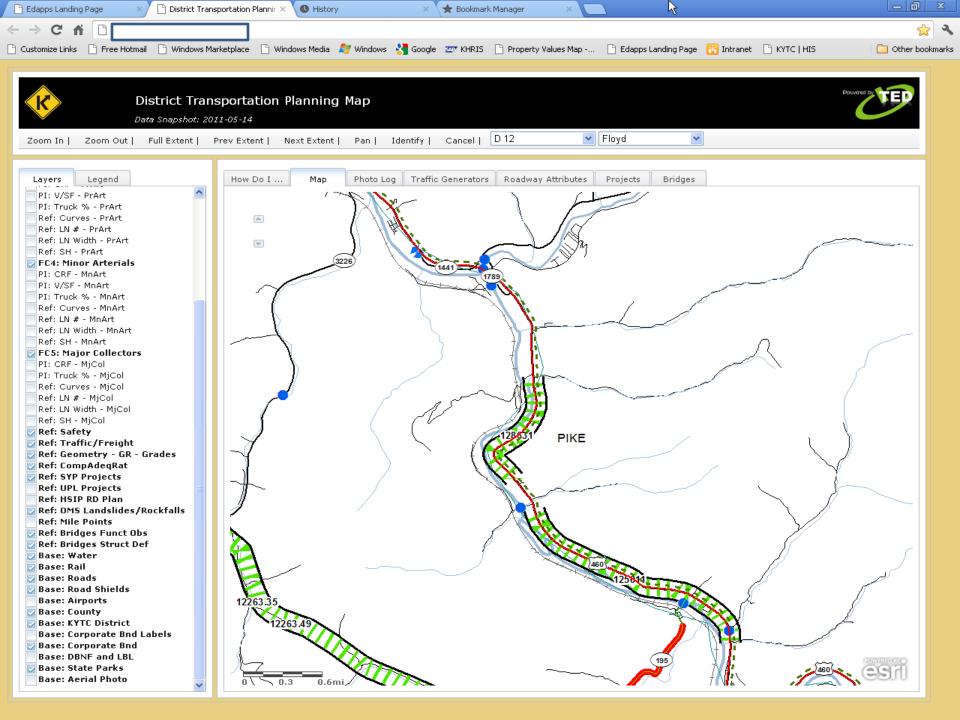


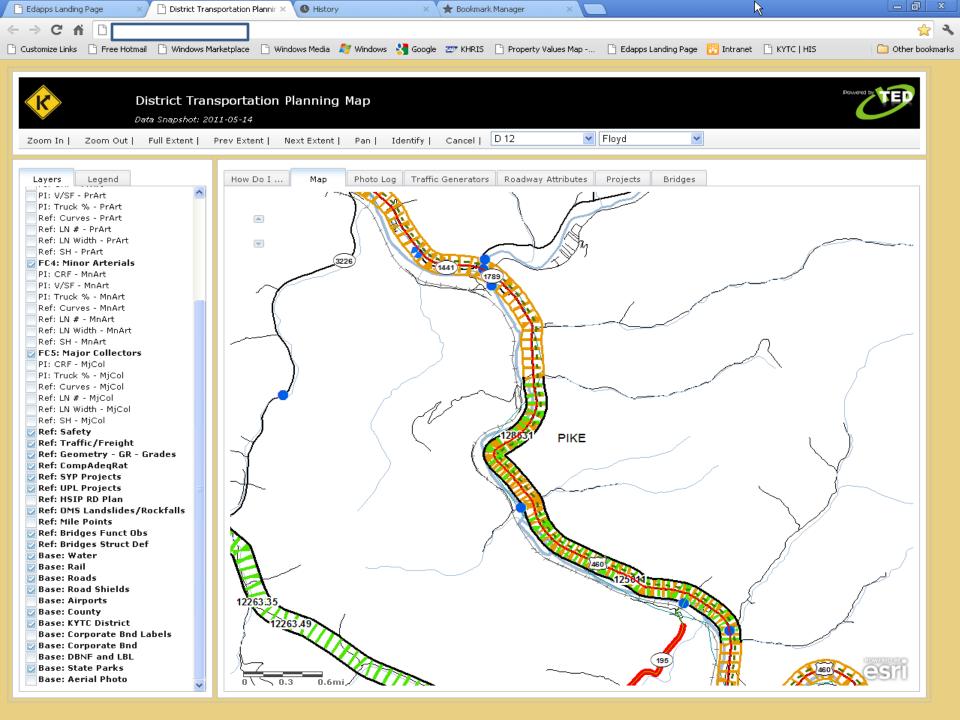


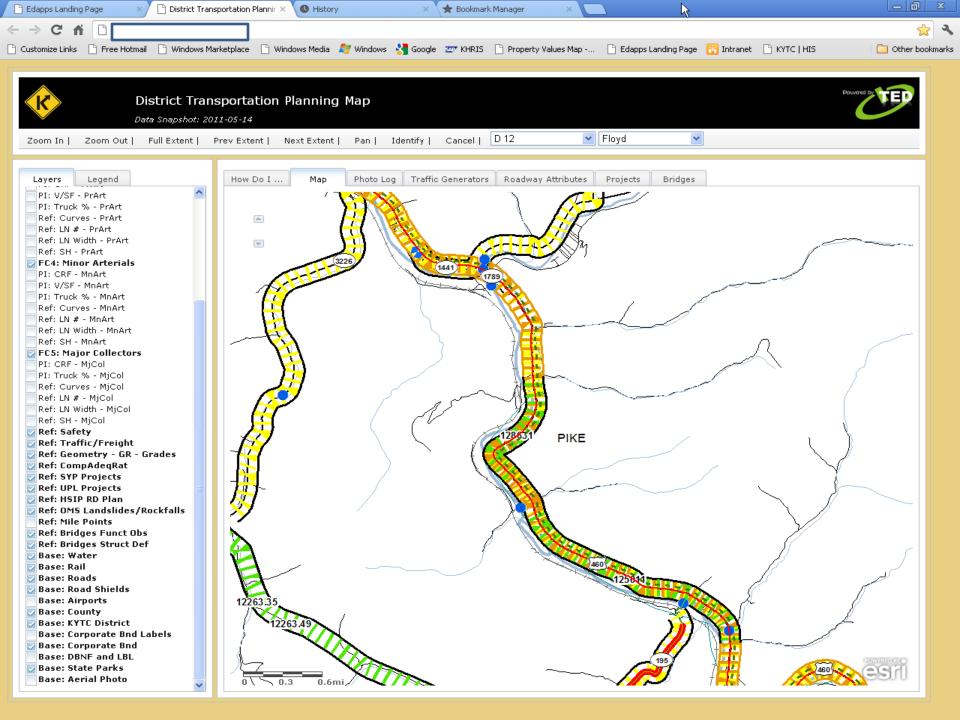


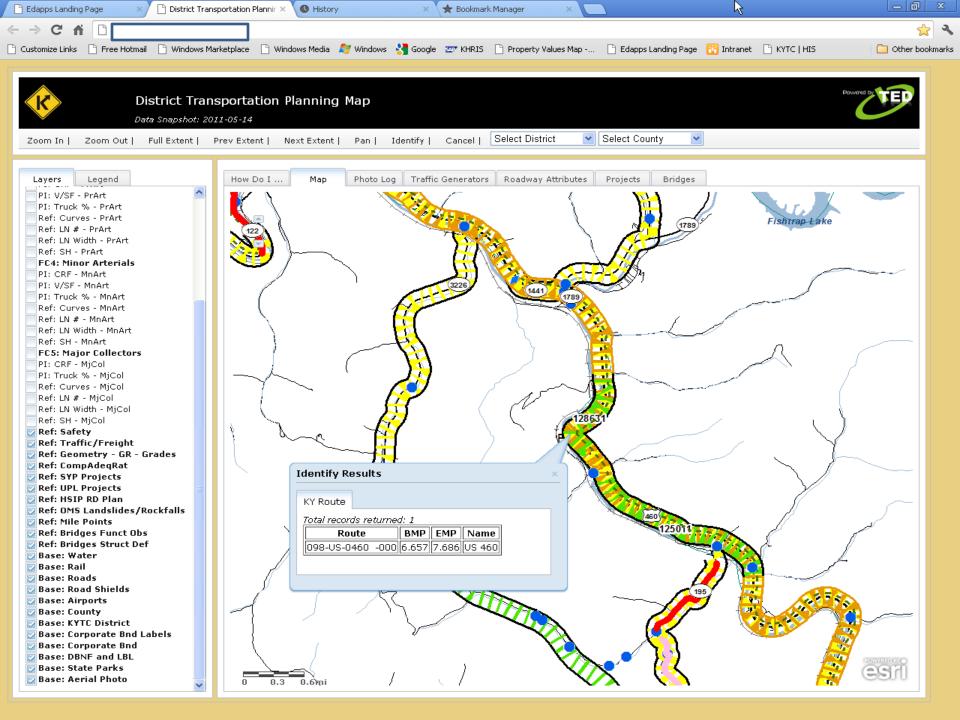


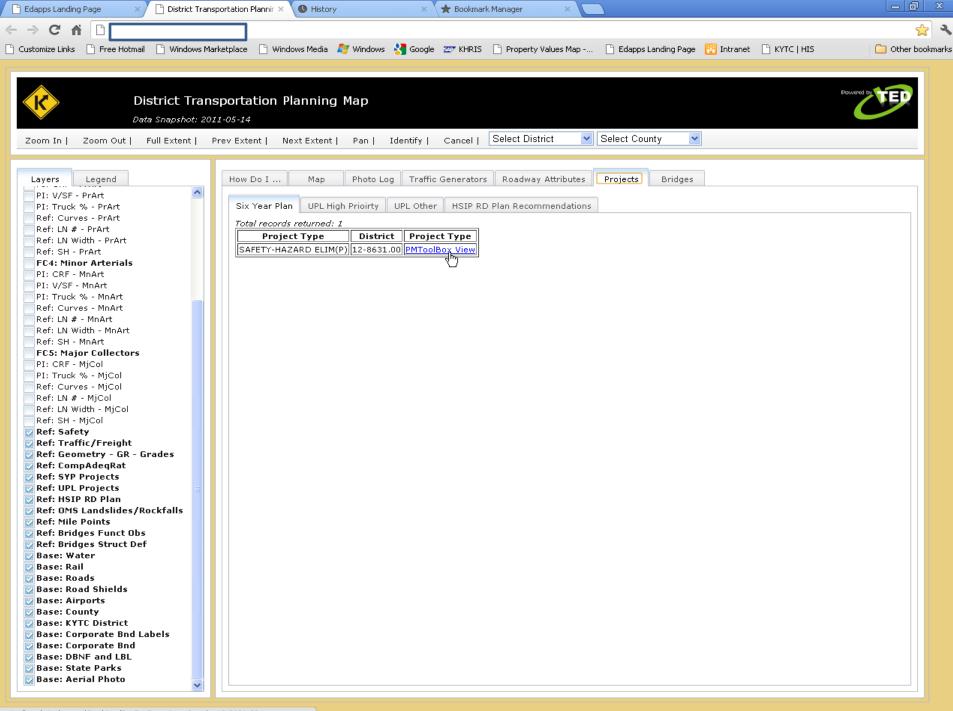


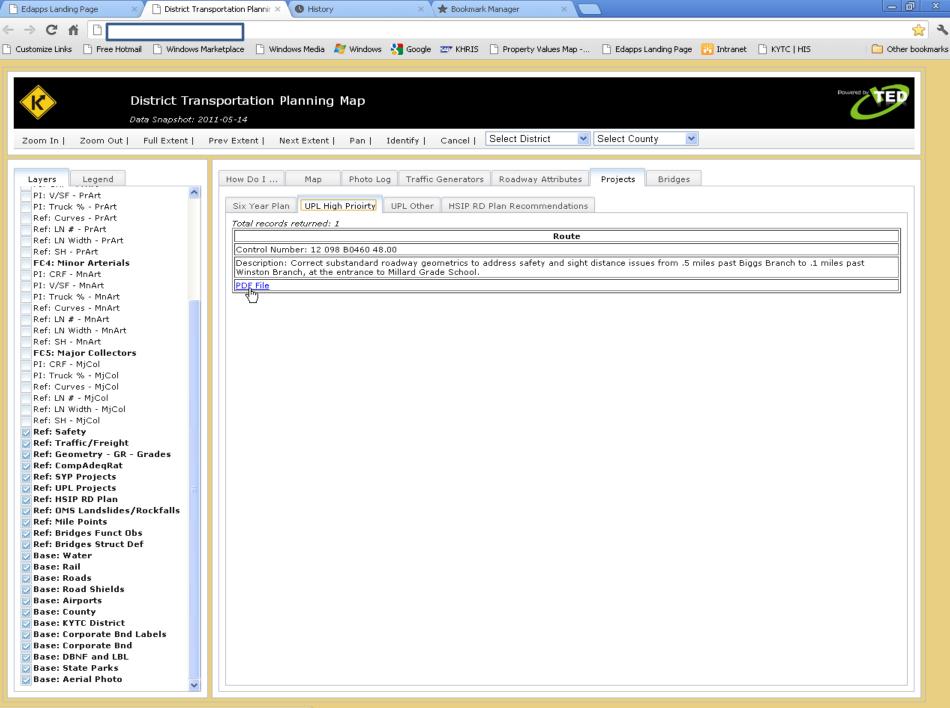


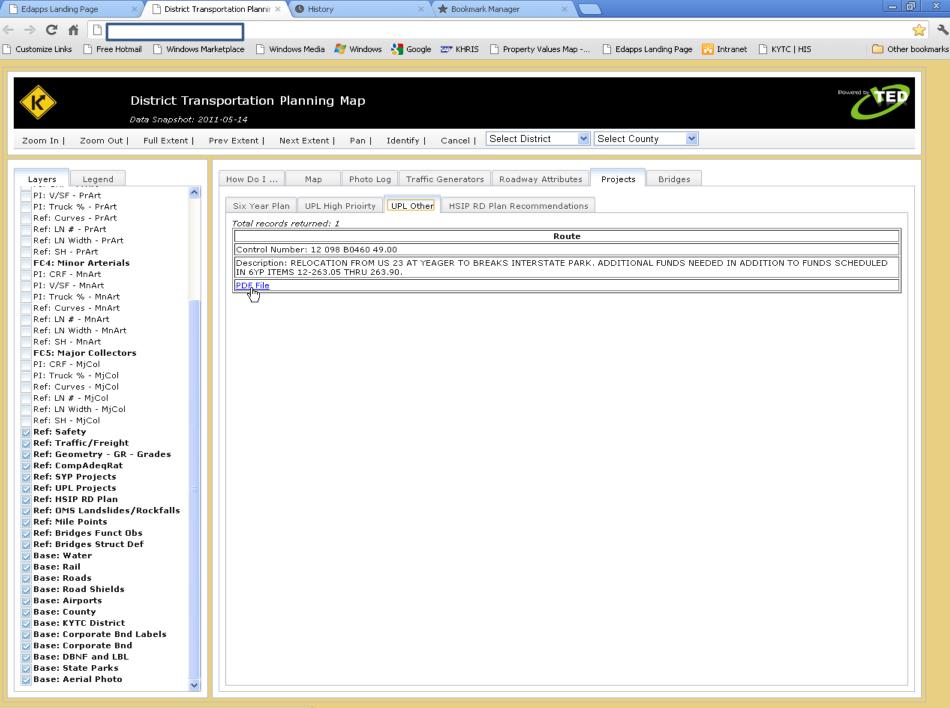


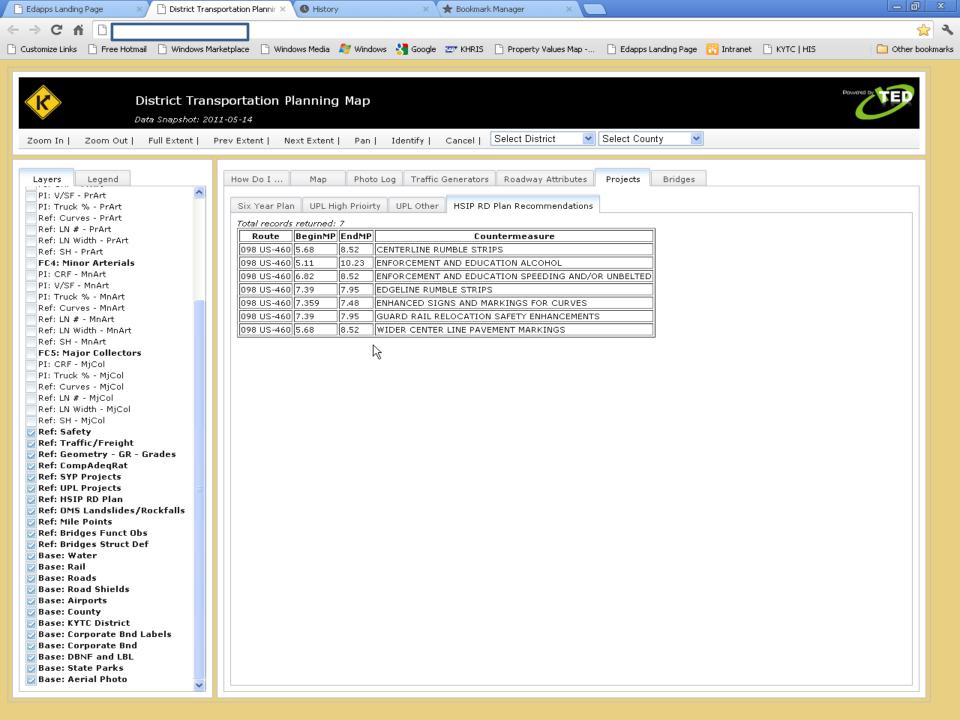












Questions?