

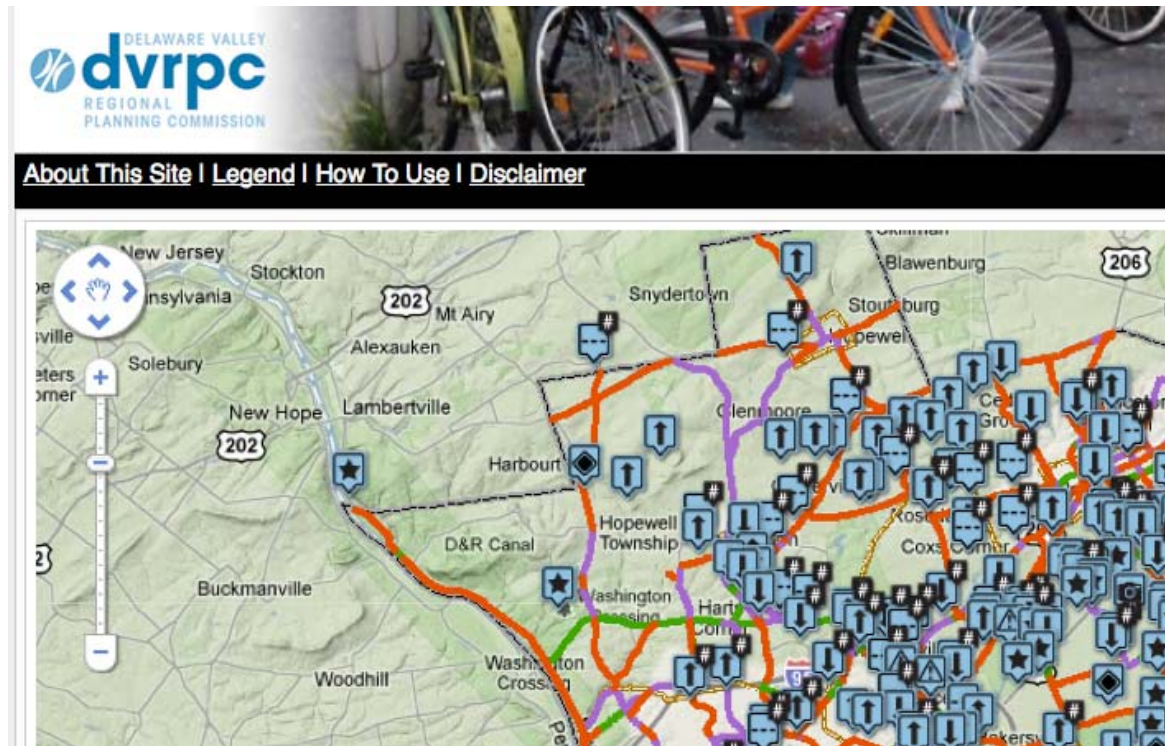
GoWPro NJ (4.9.2010)

“Bikeability” Study & Web Application

BLOS model developed by Bruce Landis.

DVRPC for Mercer County

Presenter: Chris Pollar(GIS Professional) & Nick Canzoneri (DVRPC Programmer)



This system estimates how comfortable it is to bike along a roadway, and considers a variety of factors:

Traffic, speeds, pavement widths, usable shoulders and others, truck volume.

Formulas were used and grades were calculated to offer scores.

Uniquely created SRI number. These numbers are truly unique identifiers. The state office of GIS globally administers this route information. Future uses are to possibly interface this other information with systems that housed centrally.

System also calculates:

Heavy traffic areas, on-street parking ratios. From these grades people can easily identify decent bike routes

A - F grading for biking.

Major Roads (D)

Local Roads (A)

2010 Future Implementations

Funded by NJDOT

A regional or statewide Bikeability Map web applications was used for outreach to public. The interface was lightweight and easy to use to the client. Also has the ability to toggle visual layers and other information. It also captures feedback but username and password is required. A bicycle task force was created to access direct feedback. Ex. scenic spots.

SYS Reqs

ArcGIS Server with Google Maps / DOJO front end. DOJO Javascript Framework.

Useful Links:

<http://www.dvrpc.org/asp/bikemerger/>

<http://www.dvrpc.org/us30>

Miscellaneous Notes

To add a lane to a road a million dollars a mile. If you have two shoulders then the price would be double. (2 million dollars)

187 center line roads under jurisdiction of Mercer County. Using the system to logically connect bicycle paths to avoid accidents. Other countries are systematically the layouts of the roads.

Message Dissemination**Presenter: Taghi Ozbeki**

DVRPC broadcast their message to the public and perform public outreach platform. SMO and social networking to drive the message to the public. Mass emails were originally used to email list. There was no central email system they were fragmented and sent from personal email accounts.

Decided to go with email blast software / systems to gather studies and user trends and perform marketing analysis around it. Emma was used to coordinate their messages.

Emma Email Marketing

<http://www.myemma.com/>

Used by Federal Reserve Bank in Philadelphia.



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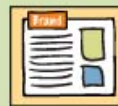


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