



TRANSPORTATION
DATA SYMPOSIUM



D5TransPort™ & A New Transit Planning Paradigm

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What is TransPort?

- Interactive GIS mapping and analysis tool
- Available online at CFGIS - <http://cfgis.org/FDOT-Resources/TransPort.aspx>
- One-stop-shop for transit data
- Includes relevant information on other modes (Work Program, RCI database, land use information, bike-ped gaps, etc.)
- Hosts previous studies, adopted plans, web-links, and other documents



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TransPort Tool



D5TransPort™
An Interactive Transportation Planning Portal



What is TransPort?
Central Florida is undergoing a transit revolution. While studies have been completed for various transit projects that are exploring implementation strategies, others are being envisioned through several planning initiatives. The SunRail dream is about to become a reality; light rail transit (LRT), bus rapid transit (BRT), and other high capacity premium transit modes are being planned for and are being integrated with local bus modes as part of the regional transit package.

Central Floridians are getting prepared to reap the benefits of a robust multimodal transportation network, the region is experiencing tremendous transit synergy, and the need for inter and intra-agency coordination has never been greater. In this context, the Florida Department of Transportation District Five developed TransPort, an interactive GIS mapping and analysis tool that serves as a one-stop-shop for transit.

The purpose of the tool is to host and disseminate transit related information and allow mapping and spatial analysis of transit systems to inform decision making. The ultimate objective is to support development of coordinated planning and implementation strategies with the regional transportation partners to ensure consistency of future plans of various transit agencies within the District.

How do I get started?

- **TransPort interactive Map**
Explore an interactive GIS mapping and analysis tool that serves as a one-stop-shop for transit.
- **Adobe Reader**
to easily view, search, print, and comment on PDF files.
- **TransPort Functionalities & Navigation Guide**
- **TransPort User Manual**

Additional Resources

- **Contact TransPort Team**
- **TransPort - Maintenance Plan**
- **TransPort - Document Library**
- **TransPort- Useful Links**
- **FDOT Resources Survey**

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Purpose

How transit systems fit
into the big picture

Building regional transit
synergy

Inter and intra-agency
coordination including
regional planning and
Work Program
development

Integration of various
modes



**WALKING WITH A
PURPOSE**

I don't know what his purpose is but he obviously has one.

Motivation

Ability for users to create maps at no cost and access information (previous studies, existing and planned transit routes and stations, etc.)

Coordinate project development and regional planning activities

Multimodal approach to planning and project implementation



MOTIVATION

Your kids WILL exercise

Implementation

FDOT D5 TransPort - Windows Internet Explorer

http://fdot-d5-transport.hdr.gateway.com/default.html

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D5TransPort™

An Interactive Transportation Planning Portal

Map Tools:

☒ Map Layer Transparency

☐ Ongoing Projects

☐ Rail Transit Initiatives

☐ Bike/Ped Facilities

☐ Systems

☐ Freight

☐ Florida's Future Corridors

☐ Other Transit Initiatives

☐ Existing Transit Systems

☐ FDOT Work Program

☐ Roadway Network Deficiencies

☐ Land Use, Population, Employment

☐ Base Data

Information

Search By Location

Search By Attribute

Graphic Markup

Print Map

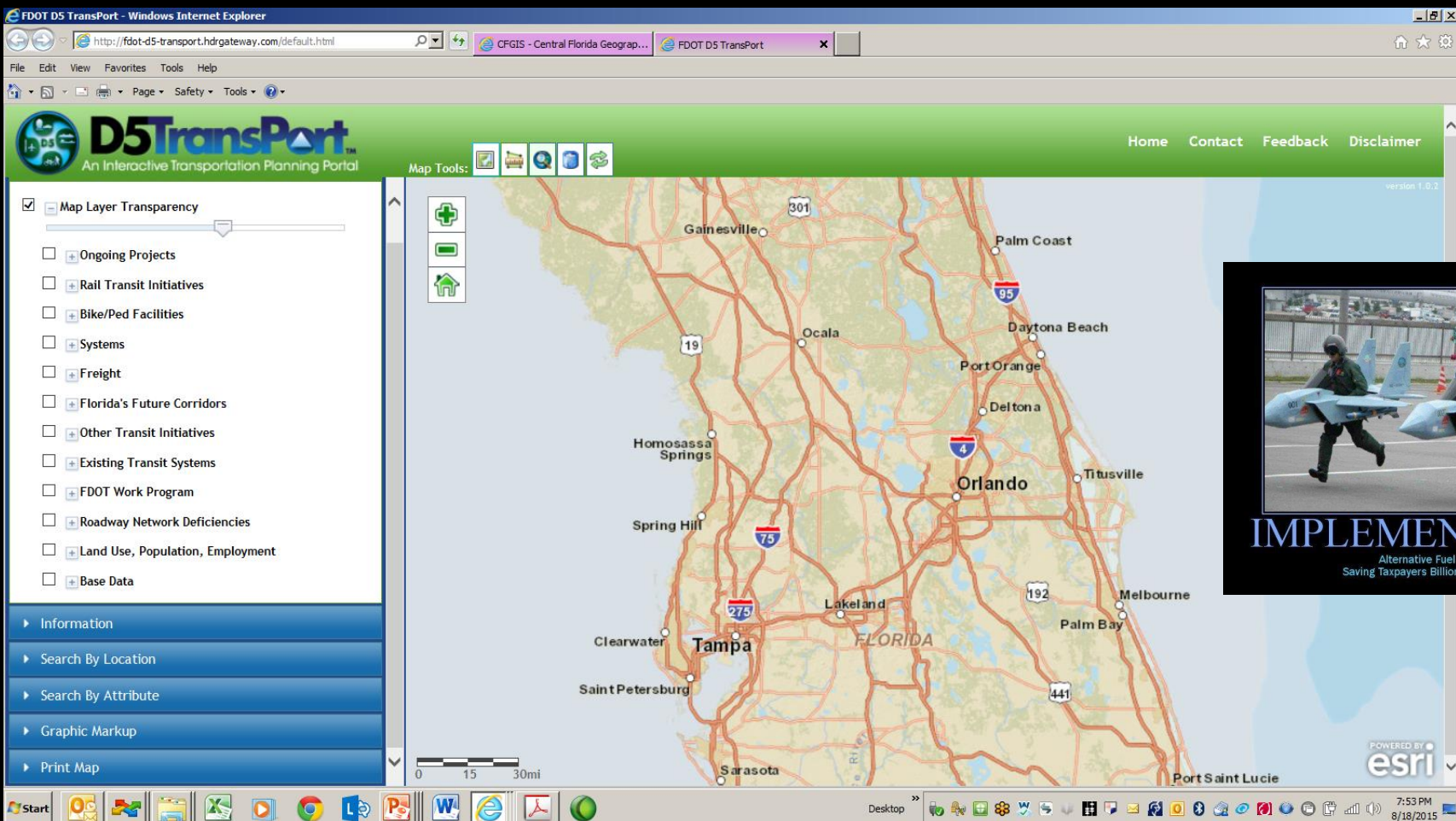
version 1.0.2

Map of Florida showing major highways and cities. Cities labeled include Gainesville, Ocala, Port Orange, Deltona, Orlando, Titusville, Melbourne, Palm Bay, Port Saint Lucie, Lakeland, Tampa, Saint Petersburg, Clearwater, Spring Hill, Homosassa Springs, and Palm Coast. Highways shown include 19, 301, 95, 4, 75, 275, 192, 441, and 1.

0 15 30mi

POWERED BY esri

7:53 PM 8/18/2015



IMPLEMENTATION

Alternative Fuel Plan
Saving Taxpayers Billions of Dollars

motifake.com

Implementation

- Navigation Guide
- User Manual
- Document Library
- Maintenance Plan



TransPort

Your **One Stop** for
Transportation Planning

GET STARTED

Navigation Guide

May 2015



Windows Internet Explorer

entLibrary.aspx | CFGIS - Central Florida Geog... | FDOT D5 TransPort



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Central Florida Geographic Information Systems **CFGIS**

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TransPort - Document Library

Note : Please click on a green title bar(s) below to expand a specific category.

- Freight Resources
- Transit Concept Studies
- Transit Development Plans
 - LakeXpress_2009-20_TDP (16.86MB)
 - LYNX_2010-19_TDP (14.65MB)
 - Polk_2008-17_TDP (8.4MB)
 - SCAT_2009-18_TDP (.44MB)
 - SUNTRAN_TDP (2.73MB)
 - VOTRAN_2007-16_TDP (17.34MB)
- L RTP
- Master Plan
- Maps
- Bicycle Pedestrian Studies
- Tourism Study
- Miscellaneous

Home

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resources-survey.as

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FDOT Resources Survey

Which organization / sector do you represent?*

☐ FDOT

☐ RPC

☐ MPO/TPO

☐ Transit Agency

☐ County/City

☐ Other Public Agency

☐ Consulting Firm

☐ Property Developer

☐ Academia

☐ Other

Other:

How frequently do you visit the FDOT Resources on CFGIS?*

☐ At least once a week

☐ At least once a month

☐ A few times a year

Which FDOT Resources on CFGIS do you visit?*

☐ SISIM Portal

☐ TransMap

☐ DRI Tool

☐ Work Program Tool

☐ ETDM Project Diary Tool

☐ LRTP Land Use Comparison Tool



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Contact TransPort Team

Please use the web form below to provide us with your input. Please use the attachment section in the form to send us attachment with your message (note that the attachment must be less than 2 MB in size). If the file size is larger than 2 MB, please contact us using the web form below without the attachment and indicate that you'd like to share a file larger than 2MB in your message. We will subsequently make arrangements to obtain the file from you.

Name*:

Email*:

Address:

City:

State/Province:

Zip Code:

Phone (###)###-####:

Subject:

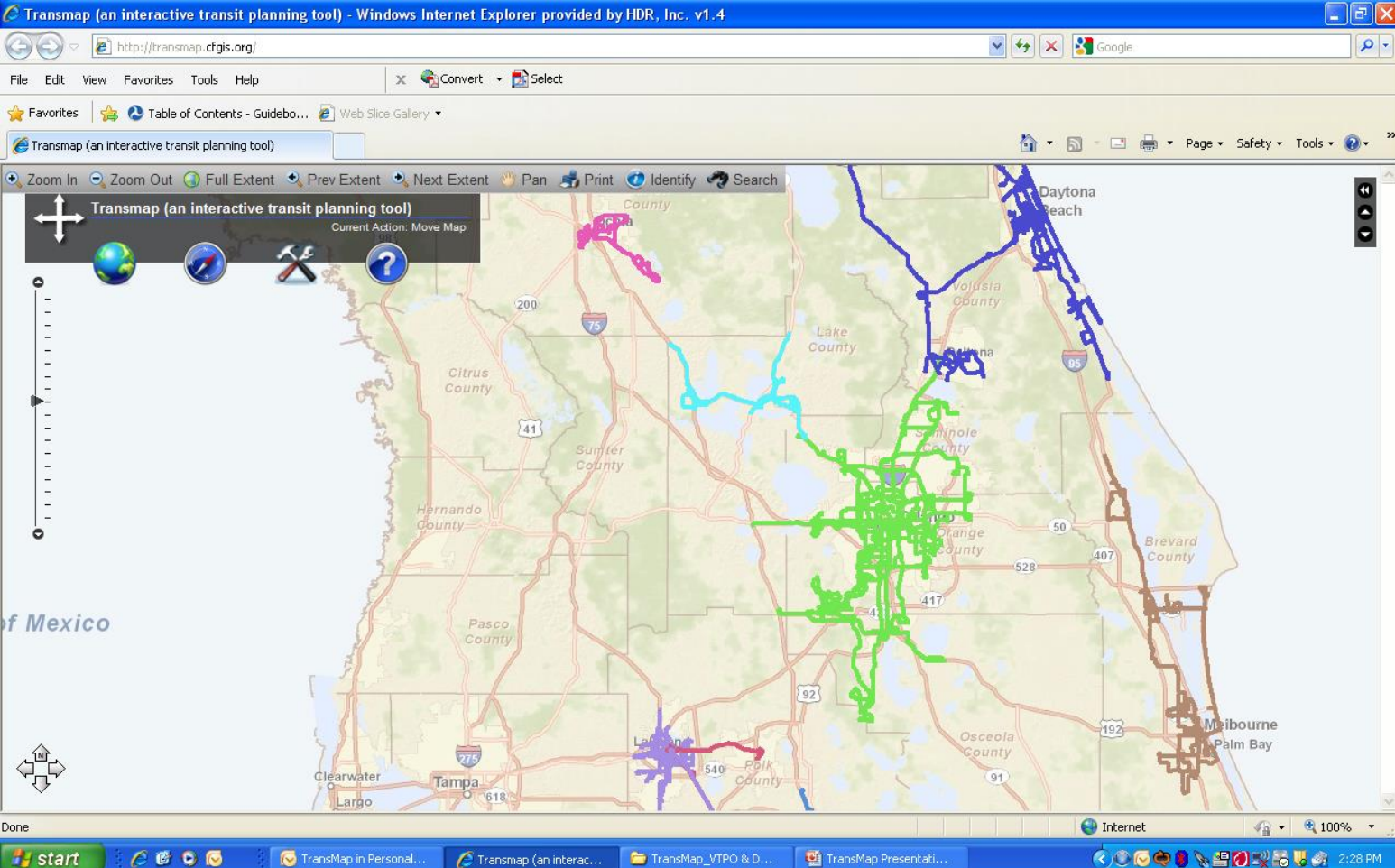
Message*:

Attachment: Upload: Browse...

Captcha verification: 334292

Submit

Existing Transit Systems



LakeXpress



space
Coast
AREA TRANSIT



Intercity Bus

Greyhound

RedCoach
The Ultimate RIDE

The Florida Express Bus
Florida's Official Civilized Luxury Bus, Minibus & Shuttle Van Transportation Company

megabus.com
low cost inter city bus travel

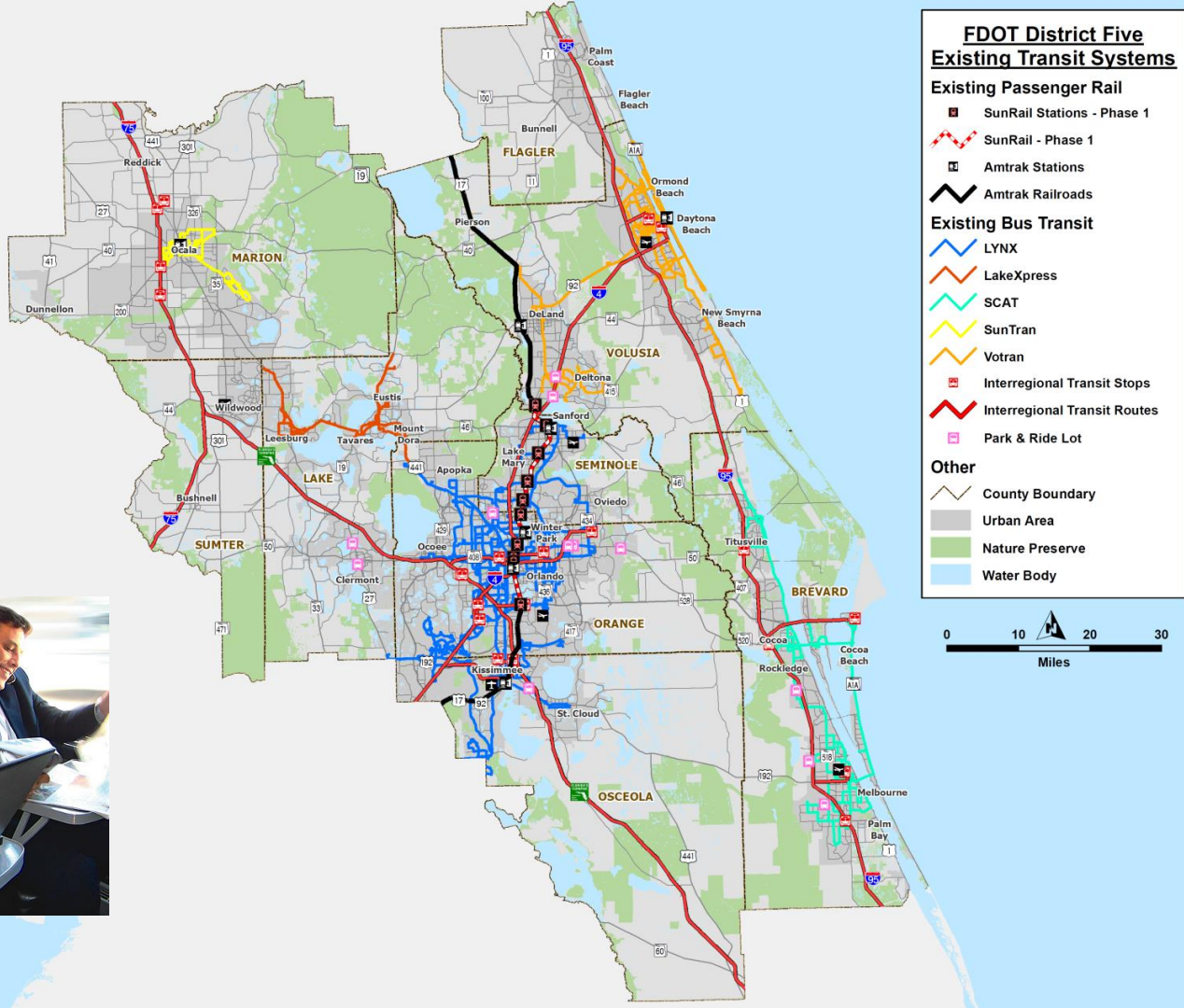


Jet Set
www.jetsetusa.com

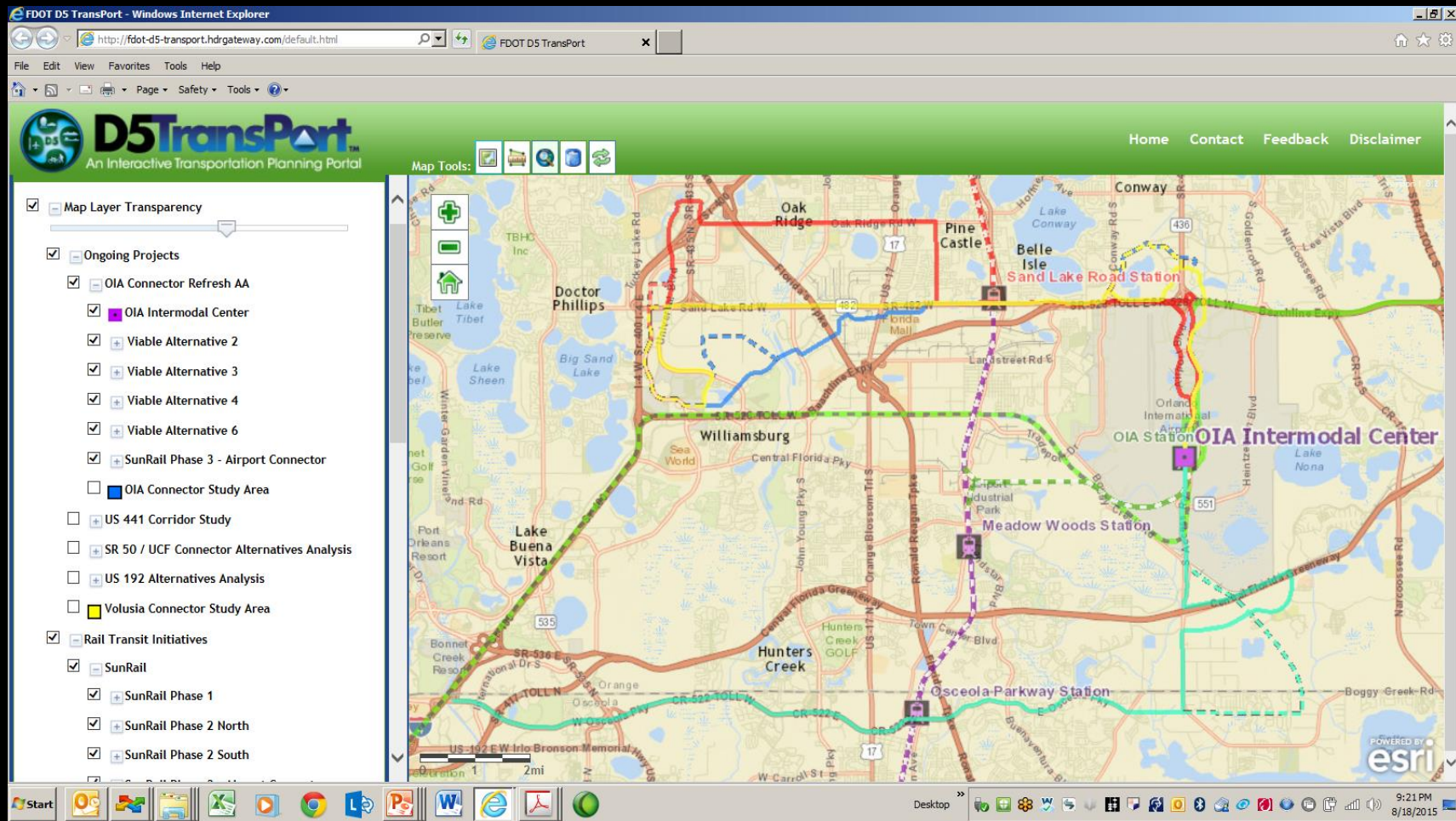
alltour
AMERICA

THE HBCU SHUTTLE
Transportation for College students
(800) 675-1031
"Reserve, Ride & Relax"

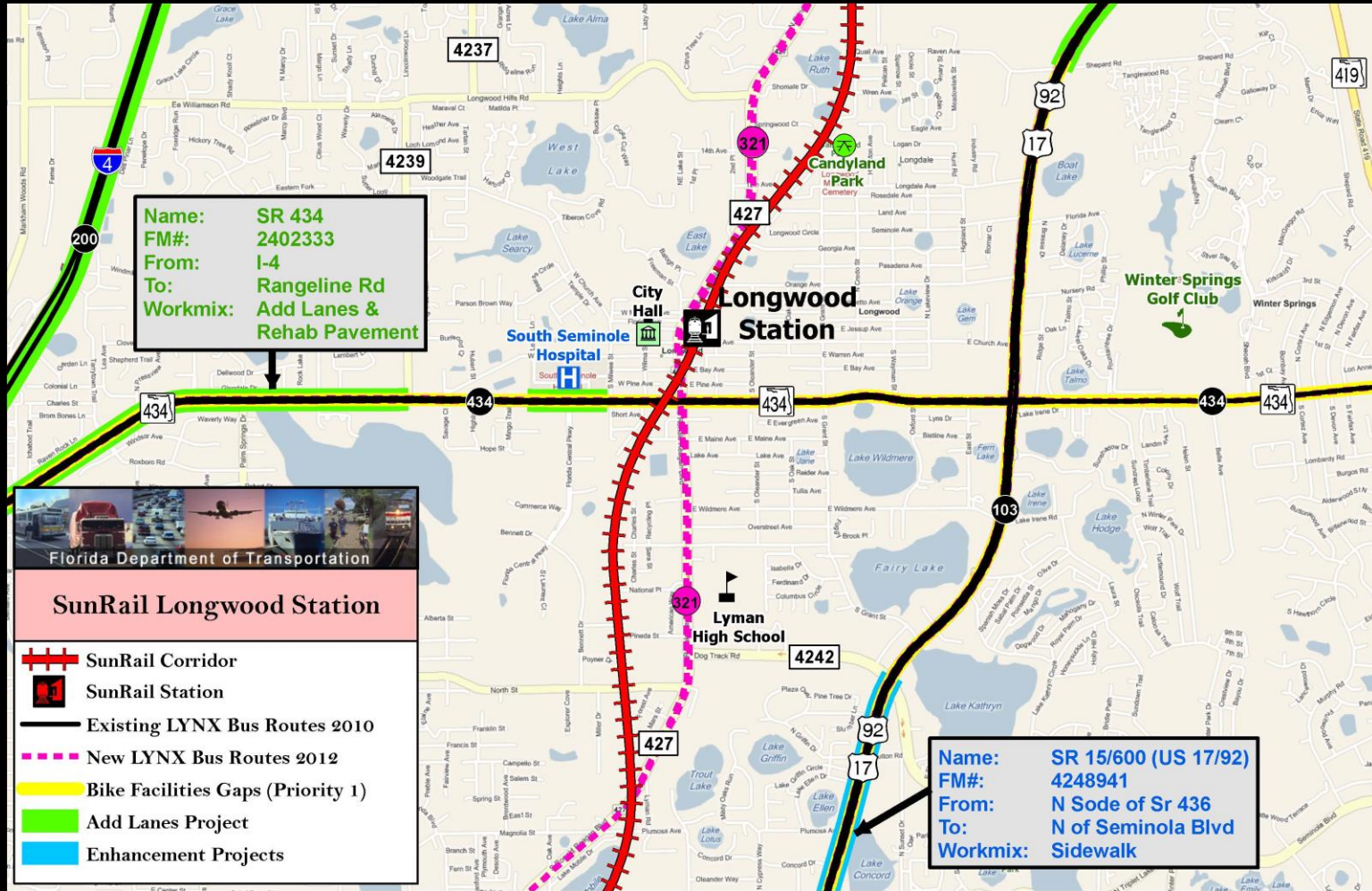
GMG Transport



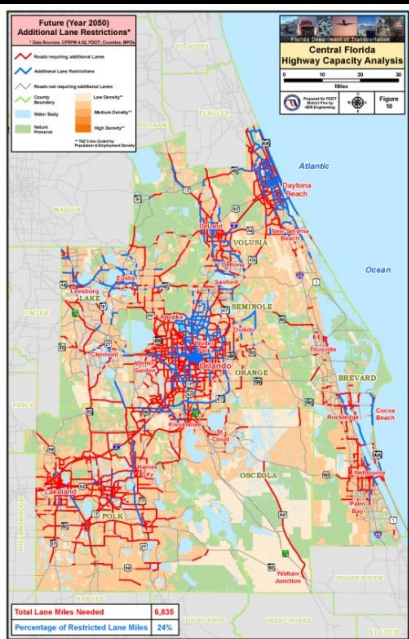
SunRail, AAF, OIA Connector/ Maglev



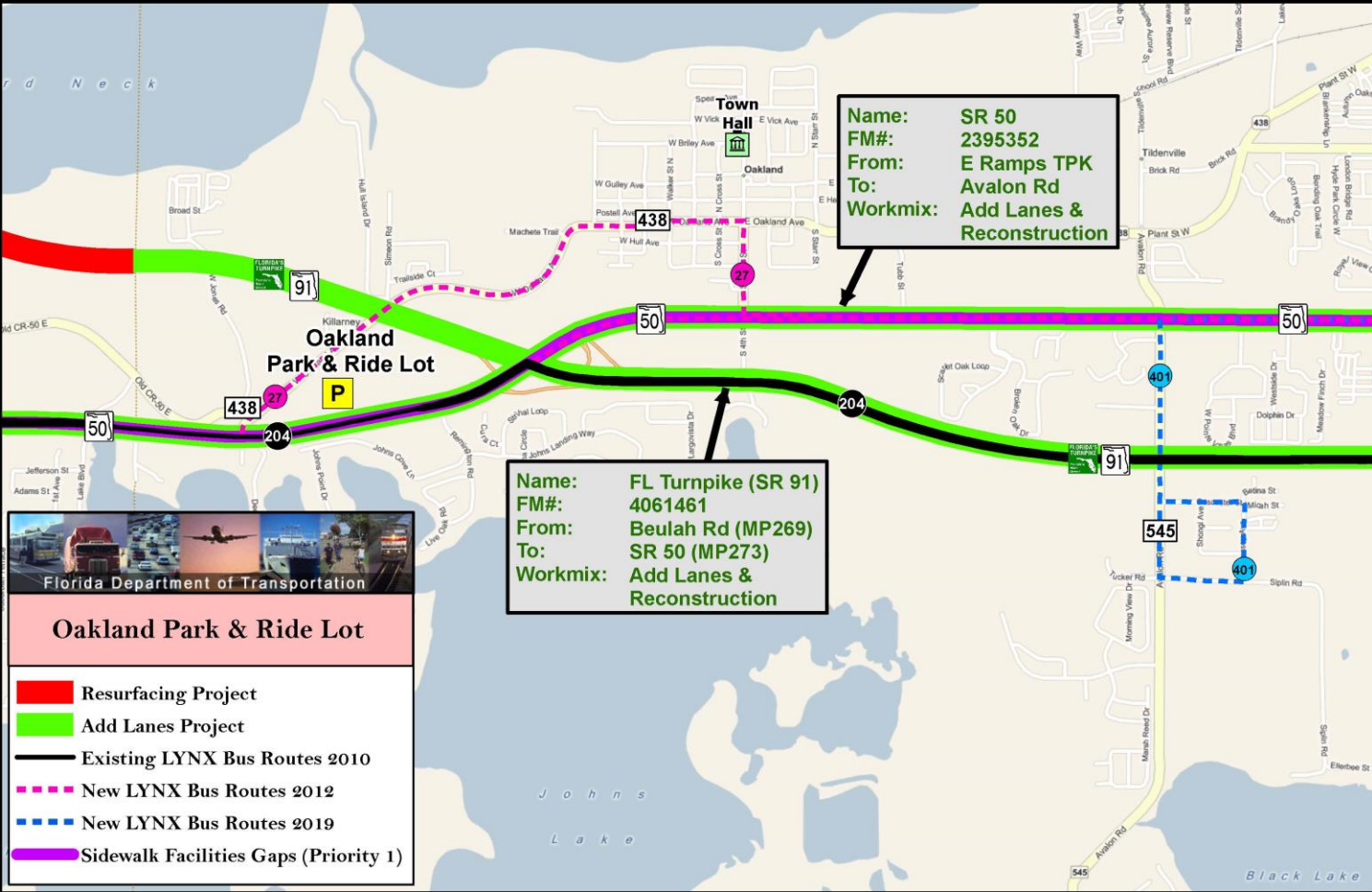
Rail-Bus Connections



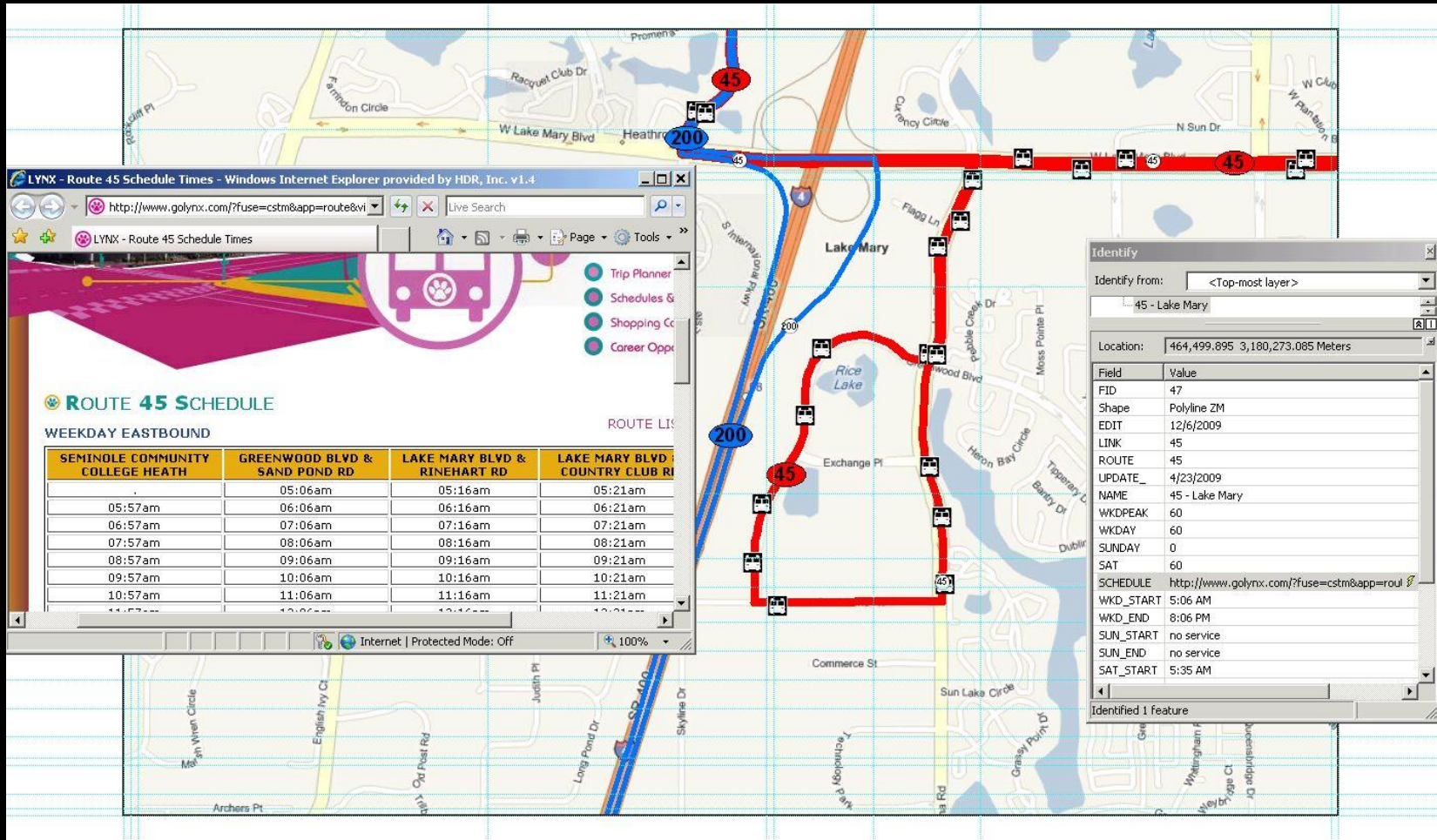
Future Transit Corridors



Oakland Park PNR



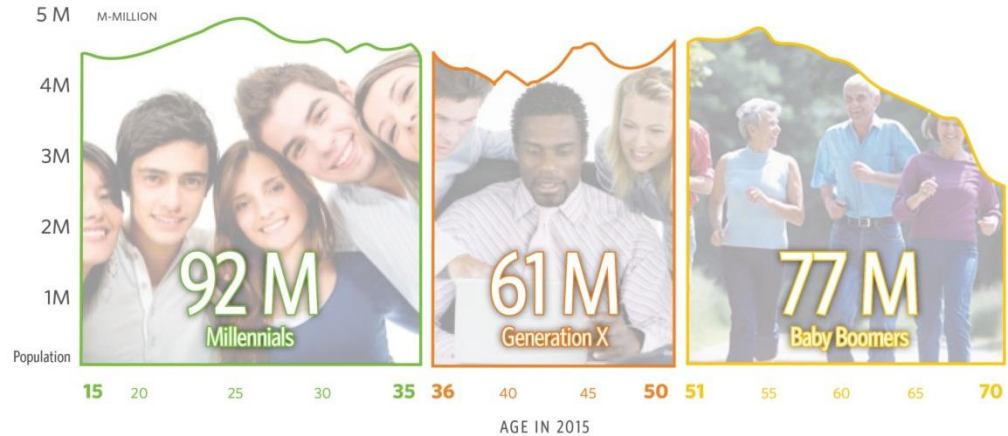
Bus Route and Schedule Information



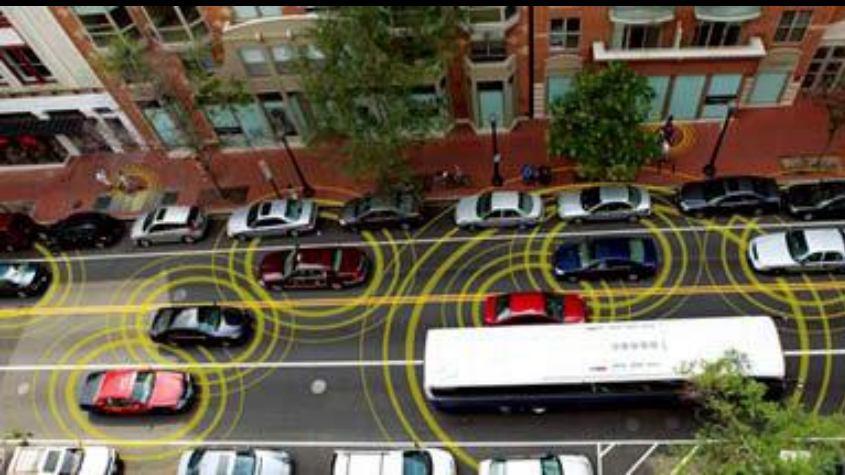


**NEW
PARADIGM
AHEAD**

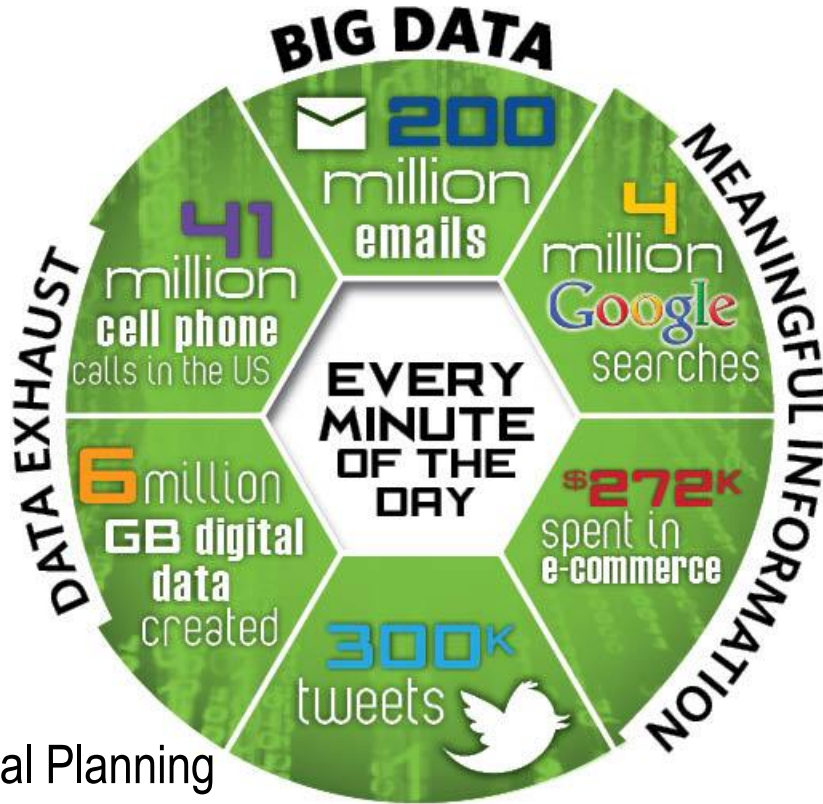
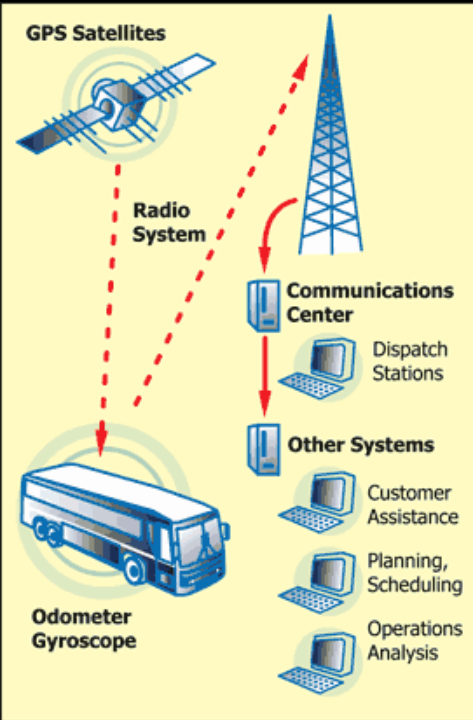
Transit Revolution



Autonomous Transit



Data Explosion



- Analytics – Operational Planning
- Real-Time Passenger Information

Moving Forward

Systems Planning
Routes/ Stops
GTFS
Ridership Estimation
TDP

Operations Planning
AVL/ APC
Real-Time Ridership Loads
COA
Service Optimization



Administration
Grants/ TransCIP
NTD Reporting
Performance Measures

Passenger Information
Real-Time Schedule
Regional Trip Planner
On Demand Service

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