

ENTERPRISE GIS WORKSHOP

GIS MODERNIZATION “SWEET PATH”



“You must
take the A
train
To go to
Sugar Hill
way up in
Harlem
If you miss
the A train
You’ll find
you’ve
missed the
quickest way
to Harlem”
Duke
Ellington,
1941



ENTERPRISE GIS WORKSHOP

GIS MODERNIZATION “SWEET PATH”

AGENDA

- Grand Central Station
- The Blue Line
- The Green Line
- Progress Report
- Benchmarking Proposal
- Actions/Next Steps

*“working to meet today’s needs
and tomorrow’s expectations for
GIS services”*



ENTERPRISE GIS WORKSHOP

GIS MODERNIZATION “SWEET PATH”

Grand Central Station

- A shared vision of GIS in the future
- Enterprise GIS has to be more inclusive and less exclusive (fewer silos)
- EGIS is the Champion for Enterprise GIS
- Enabling our federated structure to act as a single entity

“the trick is to recognize that constituents will arrive with baggage but through meaningful collaboration they can leave without it”



ENTERPRISE GIS WORKSHOP

GIS MODERNIZATION “SWEET PATH”

“recognize that all parts are connected into a loosely federated system that have to work together if anyone is going to get anywhere”

Blue Line

- Develop a Strategic Plan to Define a Clear and Realistic Vision
- Use Benchmarking to Exercise and Assess New Practices
- Leverage Economies of Scale to Maximize Available Funding
- Developing Partnerships with new stake holders and vendors



ENTERPRISE GIS WORKSHOP

GIS MODERNIZATION “SWEET PATH”

Green Line

- Communication
- Execution
- Where do we go next?

“the experienced subway traveler will stay close to the sweet path, especially on complex journeys where time and cost is of the essence”



ENTERPRISE GIS WORKSHOP

GIS MODERNIZATION “SWEET PATH”

Progress Report

- Completed several Strategic Planning Interviews
- Identified Issues
 - People
 - Process
 - Technology

“Strategic Planning Best Practices ~ start with stake holders, define clear vision, engage technology experts, allow flexibility for changing tactics and know your resources and limitations”



ENTERPRISE GIS WORKSHOP

GIS MODERNIZATION “SWEET PATH”

Benchmarking Proposal

- Establish GIS Services Bureau
- Develop Streamlined Data Maintenance and QA Processes
- Implement ESRI Data Maintenance Tools
- Implement ESRI Web GIS Platform

“exploit all the power and functionality that commercially available GIS software has to offer. Minimizing customization.... this practice is known as going with the grain”

ENTERPRISE GIS WORKSHOP

GIS MODERNIZATION “SWEET PATH”

Actions/Next Steps

- PAO & BTS to Assign Resources to GIS Services Bureau Benchmarking
- PAO & BTS to Provide Benchmarking Leadership & Project Management
- BCC to Provide Resources to Support Benchmarking as Required.
- Partner with ESRI to Implement desktop and web GIS Technologies



ENTERPRISE GIS WORKSHOP

GIS MODERNIZATION “SWEET PATH”

Actions/Next Steps

- Interim report will be prepared for BTS Board review in April
 - Enterprise GIS Strategic Plan
 - GIS Bureau staffing recommendations, including budgetary costs
 - FY12 Budgetary cost estimates for GIS infrastructure investments (hardware, software, data).