

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



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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”*



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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”



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“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



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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”



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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”



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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”

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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



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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).