



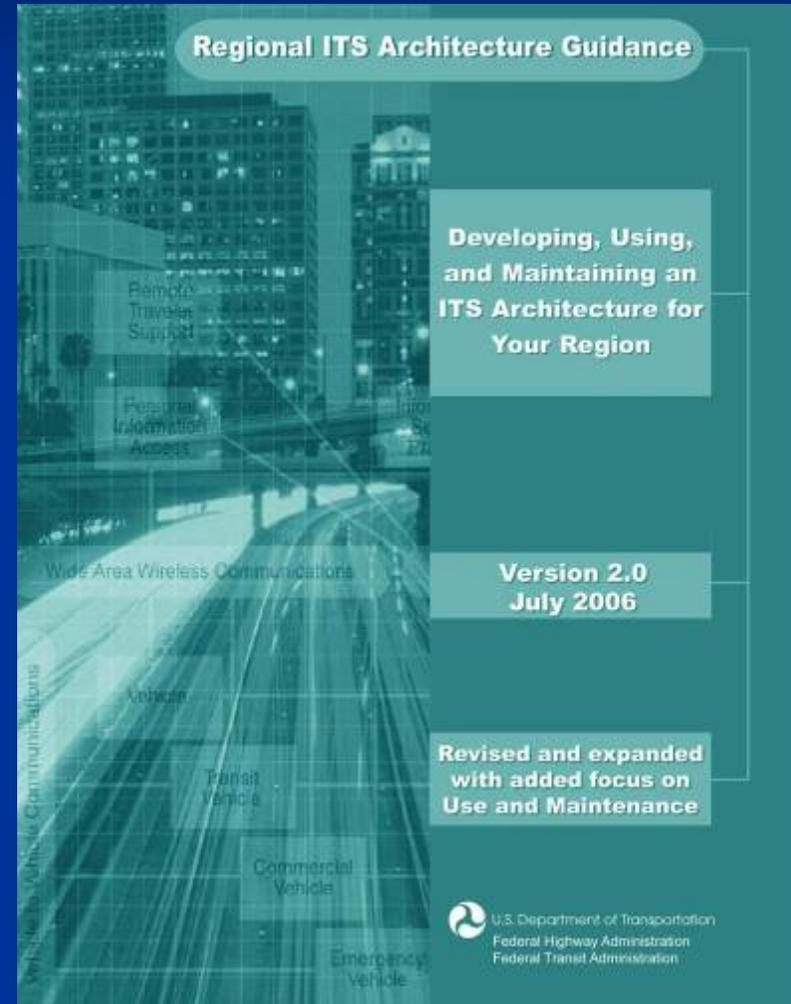
National ITS Architecture Deployment Support and FHWA Resources

Architecture Support Program

- Guidance / References
- Workshops
- Technical Assistance

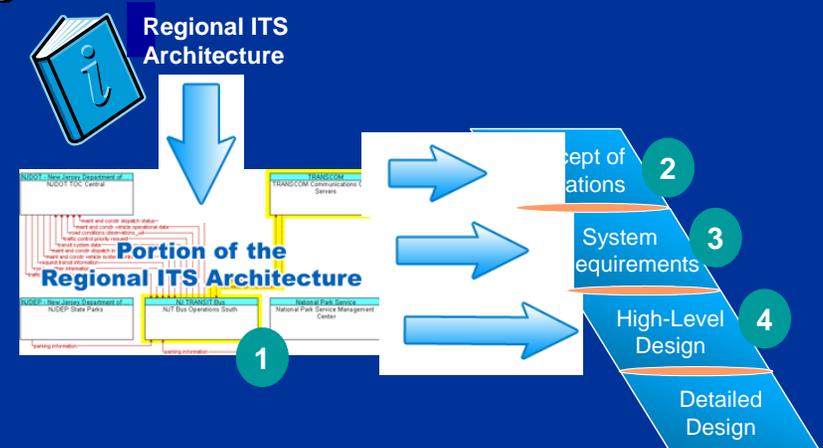
Guidance/References

- Regional ITS Architecture Guidance Document Version 2.0 (June 2006)
 - Primary guidance for Regional ITS Architecture development since 2001



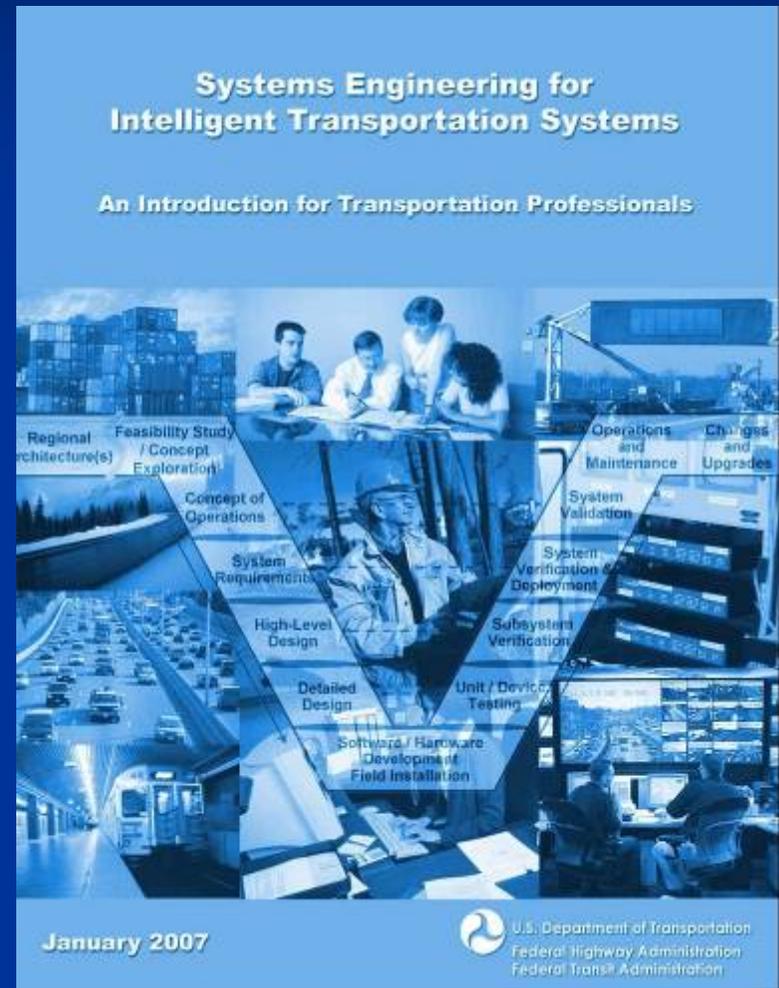
Guidance/References

- Expanded Architecture Use and Maintenance sections
 - Section 7 Using a Regional ITS Architecture
 - Transportation Planning
 - Programming/Budgeting/Capital Planning
 - Project Implementation
 - Section 8 Maintaining a Regional ITS Architecture
 - Maintenance Decisions
 - Maintenance Process
 - Maintenance Resources
 - Forms and Plans



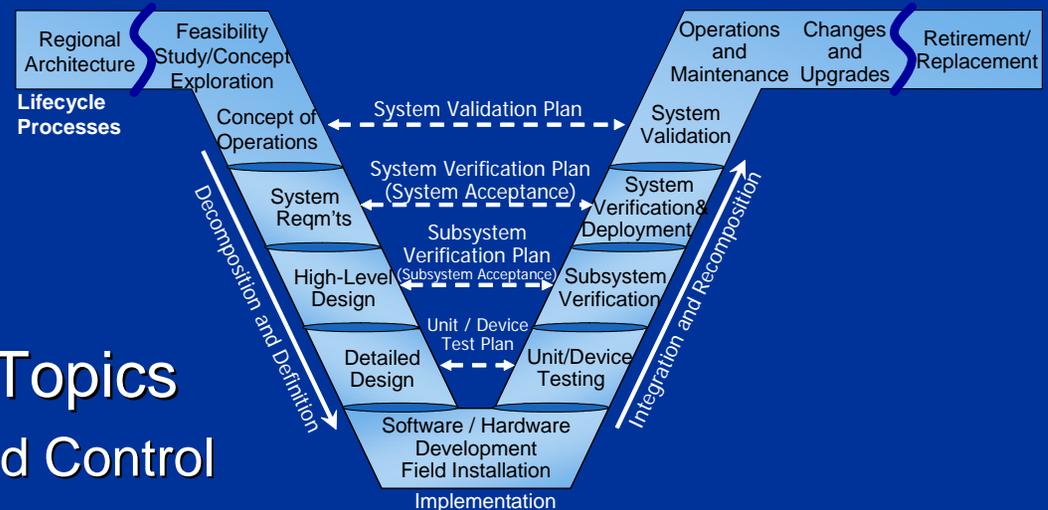
Guidance/References

- System Engineering Introductory Guide
 - Introduces systems engineering process and its application
 - Not formal guidance on meeting Rule 940.11 requirements



Guidance/References

- System Engineering Introductory Guide
 - Explores each step of Systems Engineering “V” Diagram
 - Inputs
 - Key Activities
 - Process Results
 - Examples
 - Addresses Project Topics
 - Project Planning and Control
 - Risk Management
 - Configuration Management

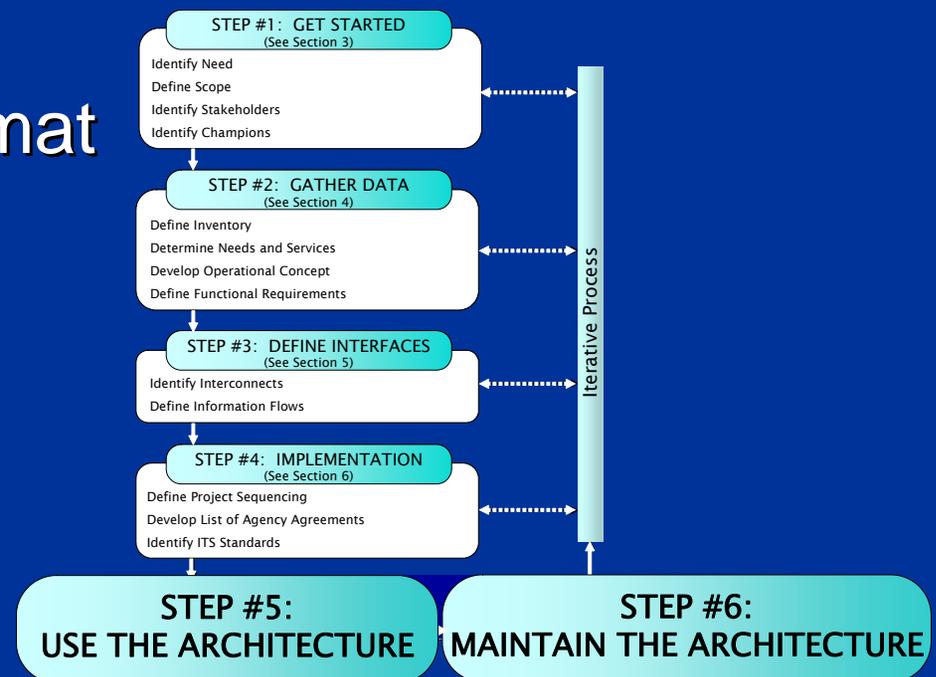


Guidance/References

- Guidance Documents available on FHWA's Office of Operations website
 - <http://www.ops.fhwa.dot.gov/publications/publications.htm>
 - Under "Facilitating Integrated ITS Deployment" link
 - Regional ITS Architecture Guidance Document
 - FHWA-HOP-06-112 and EDL# 14317
 - Systems Engineering Introductory Guide
 - FHWA-HOP-07-069 and EDL# 14340

Workshops

- Use and Maintenance Workshops
 - Based on Regional ITS Architecture Guidance Document
 - Interactive 2-day format
 - Lecture and group exercises
 - Regional stakeholders/ champions to work together
 - Produce action plan



Technical Assistance

- ITS Architecture Assessments
- Process Improvement Reviews
 - FHWA formalizing consistency in evaluating Architecture and Project Delivery Processes
- Technical Support
 - Architecture issues
 - Turbo Assistance

1. Architecture Scope and Region		Purple
Description		
<i>General Scope Comments Here</i>		
Question	Answer	Comments
a. Is the region defined geographically? Have boundaries been established such as counties, municipal boundaries, metropolitan areas, statewide, etc.?	Unknown	
b. Has a timeframe for the architecture been defined? (For example, 5 or 10 years into the future, or the TIP/STIP or other Capital Plan planning period)?	Unknown	
c. Has the scope of the regional architecture been defined (i.e. the range of services, institutions, or jurisdictions)? Does the scope seem appropriate given the circumstances?	Unknown	
d. Are adjacent/overlapping ITS architectures identified?	Unknown	

Resources

- Contact FHWA Resource Center/Division Offices
- Systems Engineering Web Page (FHWA)
http://www.ops.fhwa.dot.gov/int_its_deployment/sys_eng.htm
- Lessons Learned Knowledge Resource (ITS JPO)
http://www.itslessons.its.dot.gov/its/benecost.nsf/LessonSystem_sEng
- Archived T3 Webinars
<http://www.pcb.its.dot.gov/T3/archives.asp>
- California SE Guide Book
<http://www.fhwa.dot.gov/cadiv/seqb>
- Guide to Contracting ITS Projects (NCHRP)
<http://www.trb.org/nchrp/its/index.htm>

Contact Information & Thank You!

- ITS Implementation Support:
 - http://www.ops.fhwa.dot.gov/its_arch_imp/index.htm
 - Mac Lister, FHWA Resource Center
 - (708) 283-3532, Mac.Lister@fhwa.dot.gov
 - Emiliano Lopez, FHWA Office of Transportation Management
 - (202) 366-2199, Emiliano.Lopez@fhwa.dot.gov
- National ITS Architecture Program:
 - <http://www.its.dot.gov/arch/index.htm>
 - Lee Simmons
 - US DOT ITS Joint Program Office
 - (202) 366-8048, Lee.Simmons@dot.gov