

New Ways to Look at Old Interstates:

Georgia's Northwest Corridor & SHRP2

Keith Golden, P.E.
Georgia DOT Commissioner



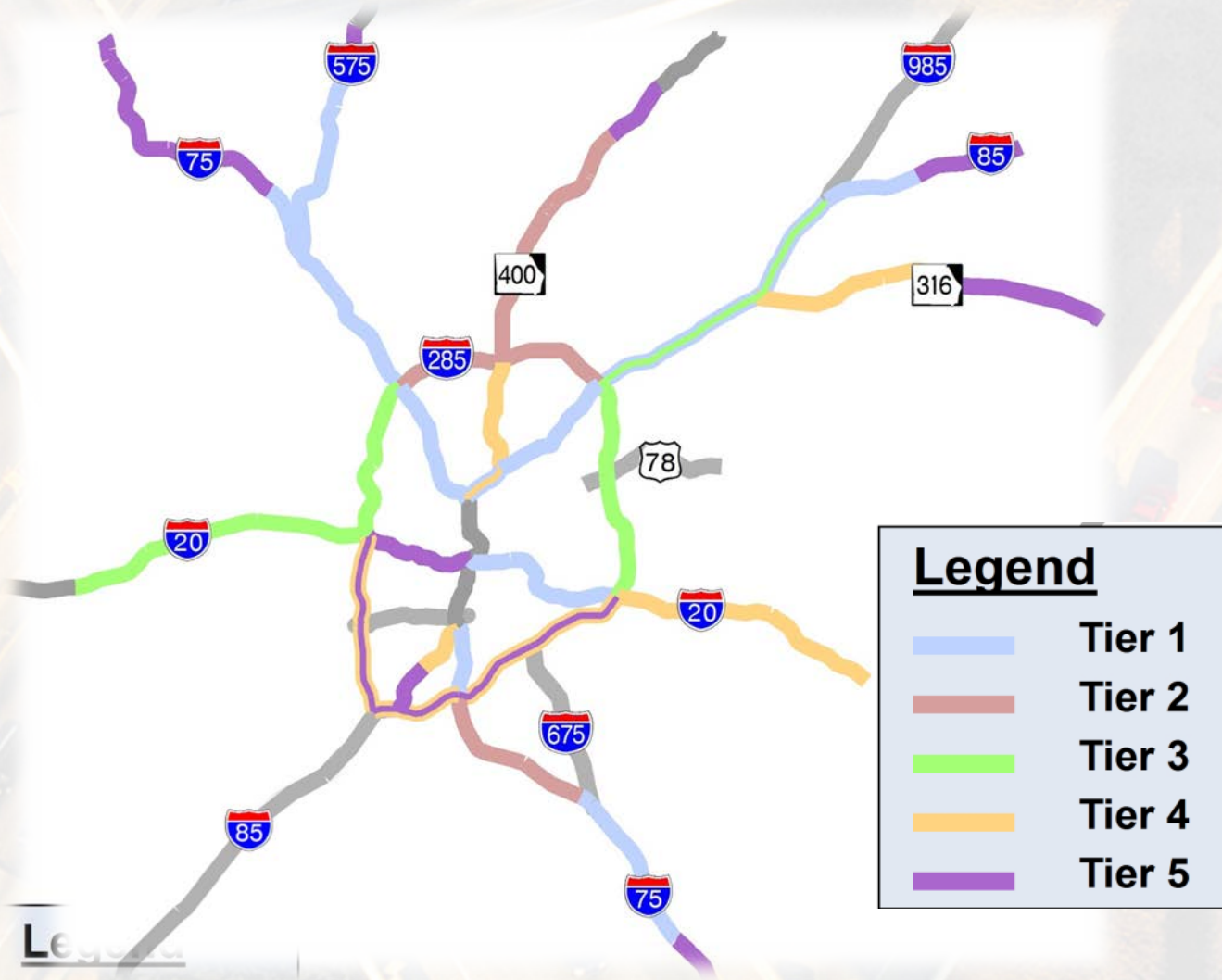
Overview

- I. Innovative Project Management at GDOT
- II. Northwest Corridor (NWC) Project
- III. SHRP2 R10 Implementation ties
- IV. Benefits of implementing R10

Innovative Program Delivery (IPD)

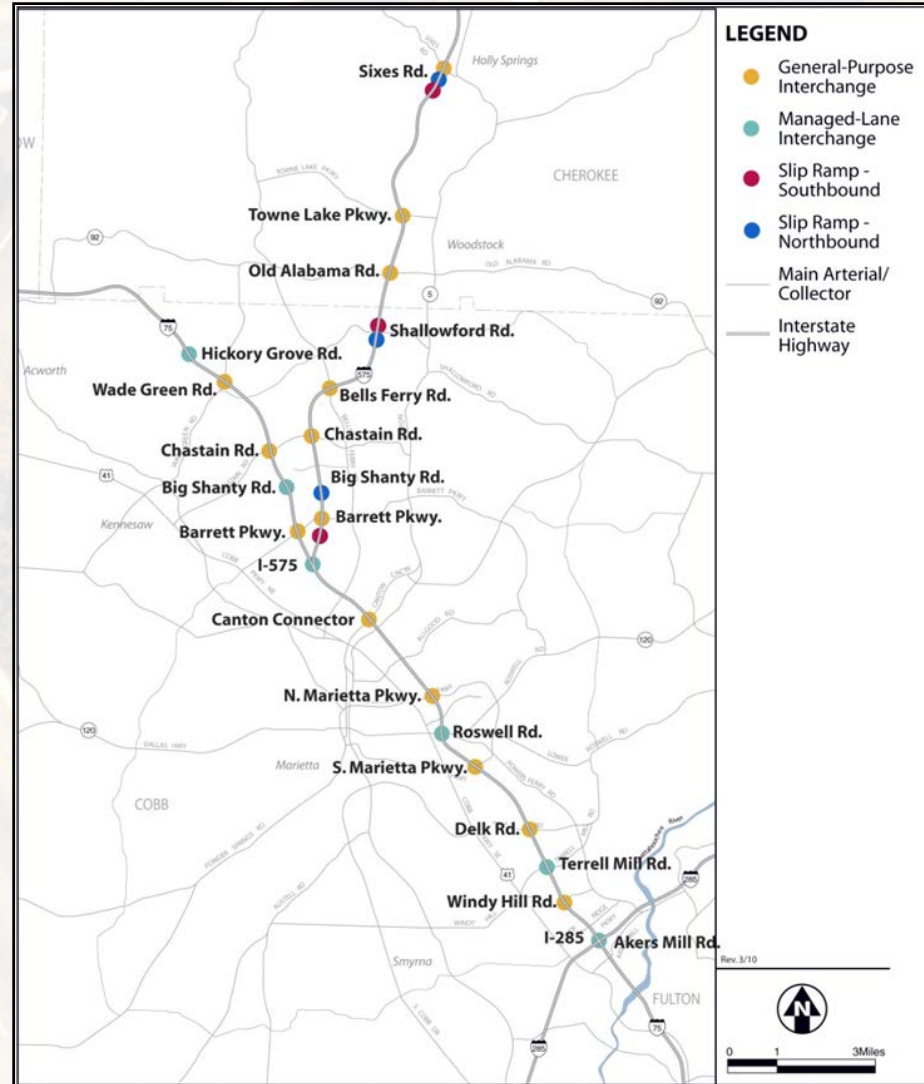
- Created in 2008
- IPD Charge:
 - Manage and deliver innovative program
 - Determining which projects should be delivered using alternative methods
 - Support our P3 program delivery
- Complex Projects
 - Managed Lanes System Plan
 - Design Build, Alternative Finance

Proposed Managed Lane System



Northwest Corridor (NWC) Project Overview

- Project length of 29.7 miles
- Reversible barrier-separated managed lanes
- Begins at Akers Mill Road and terminates at Hickory Grove Road on I-75 and Sixes Road on I-575
- Southbound operations in AM and northbound in PM



Project Fund Sources

Fund Source		Amount
TIFIA / Toll Revenue Bond	Federal / To be paid back with tolls	\$385.0M
STIP	Federal & State	\$236.0M
GDOT Motor Fuel Taxes	State	\$300.0M
GARVEE	State Take-Out for Private Funding	\$125.0M*
Total		\$1,046.0M

* To be paid initially by Developer

Note: Amounts reflect maximum public funds available; actual project costs are expected to be significantly less. Final TIFIA amount to be determined.

Project Management Structure

GDOT

- Procurement
- Project Management (Design-Build Phase)
- Long Term Operations and Maintenance
- Project Financing
- TIFIA Application
- Financial Backstop

- Intergovernmental Agreement
- Ground Lease
- Design-Build Contract Agreement
- TIFIA Application

SRTA

- Toll Rate Management
- Toll Collection and Enforcement
- Customer Service Center Operations
- Toll Revenue Bonds
- GARVEE Bonds
- TIFIA Borrower

Current Procurement

- Design and construction time is approximately 4.5 years
- Private financing expected to be a minimum of 10% of the estimated design-build cost of \$750 to \$850 Million
- Best Value Proposer selected on July 23, 2013
- Financial close and NTP in November 2013

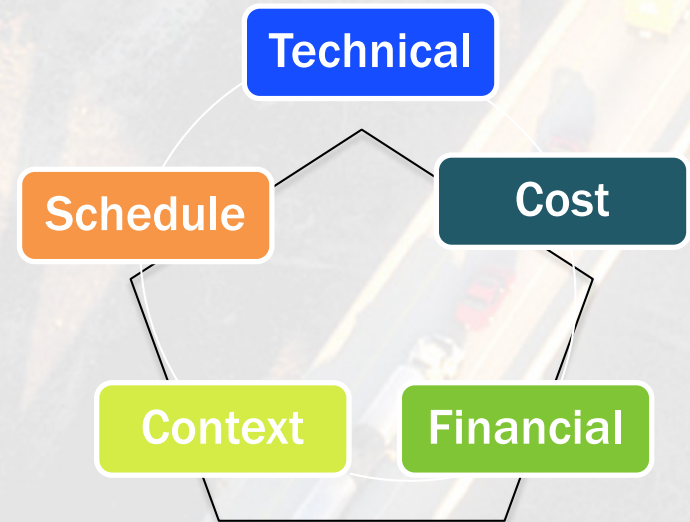
SHRP2 Implementation Assistance Program

- Available to help State DOTs, MPOs, local agencies, and other interested organizations to deploy SHRP2 Solutions
- Round 1 launched in February; 34 States and the District of Columbia received awards to begin implementing six products
- Round 2 opened on August 2 – and closes September 6 – for three additional products as well as one from the first round

Managing Complex Projects (R10)

Five-dimensional SHRP2 project management model

- Integrates project teams across entire project lifecycle
- Allows DOTs to identify and better understand complexity factors
- Generates complexity maps for visual representation of complexities
- Tools include:
 - Training program for DOT staff
 - Case studies on various types of projects
 - Forms



SHRP2 (R10) and the NWC

- Benefits from the SHRP2 Solution – Managing Complex Projects include:
 - Providing Project Manager training on new methods to manage Complex Projects
 - Providing tools and resources to review ATCs and other special items not associated with traditional Design-Bid-Build
 - Providing an opportunity to discuss issues with other States implementing complex projects
 - Allowing further development of policies and procedures using results and best practices from the NWC project as a guide

SHRP2 (R10) and the NWC

- Benefits from the SHRP2 Solution – Managing Complex Projects include:
 - Developing formal project management plans for Design Build and P3 projects
 - Investigating applicability for other projects of any size
 - Successfully delivering regionally and nationally significant projects
 - Using innovative management strategies and comprehensive planning that are ‘state of the practice’
 - Controlling costs and managing expectations

Northwest Corridor Project & SHRP2

Questions?

For more SHRP2 information:
<http://SHRP2.transportation.org>
www.fhwa.dot.gov/goSHRP2

Contact Pam Hutton, AASHTO
SHRP2 Implementation Manager,
303-263-1212 or
phutton@aaashto.org