

Innovative Program Delivery in South Carolina

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Recognizing a Need for Innovation...

- Limited resources
- Tremendous transportation needs across the state
- Public expectations



Innovative Techniques

- Creation of “27 in 7 Program”
- Use of Design/Build Contracting Method
- Other Innovative Contracting Practices
- Highways for LIFE program



27 in 7 Program

- Use of Consultant Resource Managers (CRMs)
- Funding through State Infrastructure Bank and SCDOT Bonds
- Over 200 construction projects completed
- About \$6 Billion worth of road & bridge construction



Design/Build Program

- Approximately 24 major projects completed/underway using this contracting method
- Risk allocation
- Project warranty
- Fixed Price contracts
- Time savings
- Partnering approach for efficient decision making and minimizing potential claims



Other Innovative Contracting Practices

- A+B ; A+B+C
- Incentive / Disincentive clauses
- No excuse incentive clause
- Use of a Contractor Performance Score (CPS) for specific projects
- Roadway closure (underway on I-385)



Highways for LIFE

- Implementing proven new technologies and innovations
- Long-lasting, Innovative, Fast, and Efficient
- Two projects in South Carolina have been delivered under this program



Highways for LIFE (con't)

- **SC 377 in Williamsburg County** – replacement of four structurally deficient bridges
 - a. A+B+C contracting
 - b. No Excuse Incentive
 - c. Performance based rideability specification
 - d. Self-compacting concrete in bridge girders



Highways for LIFE (con't)

- **SC 703 in Charleston County** – rehabilitation of the Ben Sawyer Bridge over the Intracoastal Waterway
 - a. Use of Design/Build contracting method
 - b. Public commitment to minimize duration of full bridge closure (reduction in construction congestion)
 - c. Off-site construction and Innovative On-site construction techniques
 - d. Extensive public commitment regarding bridge type and aesthetic features



Questions?