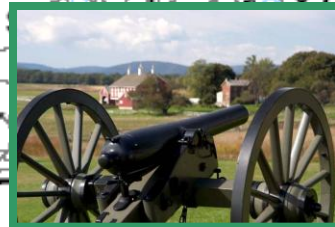
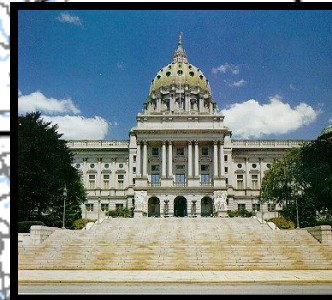


DISTRICT 8 ASHE PRESENTATION

APRIL 7, 2009



Design Build Update

A Review of District 8's Approach

Richard N. Roman, P.E.

Design Build Update

- Overview
- District Approach
- Design Build Phases
- Lessons Learned

Overview

- Efficient Project Delivery Tool
- One Entity for Engineering & Construction Services
- One-Step Low-Bid Process

Overview

- Shorter Project Durations
- Enhanced Design & Construction Relationships
- Reduce Construction Change Orders

District Approach

- Projects w/ Defined Scope
- District to Obtain CEE
- Consultant Assistance

District Approach

- Peer Review by D/B Team
- District Performs Owner Perspective Review
- Competitive Bids

District Approach

District 8 Design Build Projects - June 1, 2008 through December 31, 2009

MPMS	PM	County	SR	Sec	Project Title	Class	Let Date	Design Build
74120	BST	Adams	1007	12	Braggtown Road Bridge	BRST	6/12/2008	Full D/B
83529	JMB	York	83	054	I-83 Codorus Creek Bridge	BRST	8/28/2008	Full D/B
80718	JMB	York	83	053	I-83 Lake Redman/PA-214	BRST	8/28/2008	Full D/B
81193	MCL	Cumb.	15	020	US 15/PA 581 Contract #2	HRCT	11/6/2008	Sound Walls
63165	LAM	Dauphin	2039	002	Fiddlers Elbow Bridge	BRST	12/18/2008	Utility
84933	DS	Lanc.			ADA Ramps Lanc City	GMNT	2/12/2009	Utility
75364	GFE	Dauphin	8018	001	Airport Ramps Bridge PM	BPRSF	2/20/2009	Railroad Coordination
79697	DEK	Franklin	4004	009	Horse Valley Road Brdg	HRST	2/26/2009	ROW and Utility
64678	DS	York	1039	001	I-83/Ebert's Lane	IMP	2/26/2009	ROW
57649	DS	York	1033	004	I-83/Sherman St.	IMP	2/26/2009	ROW
81263	DS	Franklin	30	066	Lincoln Highway	HRST	3/5/2009	Utility for ADA Ramps
74121	LAM	Adams	2001	006	Two Taverns Road Bridge	HRST	3/5/2009	ROW and Utility
74270	LAM	Cumb.	3006	009	Pine Road Bridge	HRST	3/5/2009	ROW and Utility
58606	SAM	Adams	94	021	Carlisle Pike Bridge	BRST	3/26/2009	Full D/B
78980	SAM	York	3072	008	Old Hanover Road Bridge 1	BRST	3/26/2009	Full D/B
80990	SAM	Franklin	3002	006	Williamson Rd Bridge	BRST	3/26/2009	Full D/B
78975	SAM	York	3072	009	Old Hanover Rd Bridge 2	BRST	3/26/2009	Full D/B

Design-Build Phases

- D/B Project Phases
 - Final Design-Roadway & Structures
 - Utility Coordination & Clearance
 - ROW Design & Acquisition
 - MPT
 - Railroad Coordination
 - Waterway Permit

Lessons Learned

- Communication
- DB Submission Checklist
- Developing Special Provisions

Lessons Learned

- Construction Schedules
- Good First Round of DB Projects
- Constant Improvement

QUESTIONS

