




## PACE of Project Delivery



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## Agenda

- Introduction
- Review Project Goals and Objectives
- Summary of Project Findings
- Next Steps

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## Project Goals and Objective

Maximizing project delivery is an important goal for PennDOT. From the PennDOT 2004 Annual Report: "PennDOT is taking steps to reduce project delivery times and ensure we deliver the right-sized project to meet our transportation needs across all modes of transportation."

Review Project Goals and Objectives

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## PACE

The PACE initiative identified key metrics related to project delivery and grouped them into four categories:

- P**roject Delivery
- A**ccountability
- C**hallenges
- E**valuation

Review Project Goals and Objectives

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## Project Objectives

- Define key metrics associated with highway and bridge project delivery.
- Identify the source of the data elements  
Evaluate the accuracy, quality and consistency of the data.
- Prepare required procedural changes to deliver accurate, timely and consistent data elements.

Review Project Goals and Objectives

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## Project Objectives

- Provide the facts and data necessary for the Department's project team to identify and plan for needed system changes
- Develop a model 'PACE' report.

Review Project Goals and Objectives

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## Project Deliverables

- Key Metrics
- Model Report

Summary of Project Findings

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## Key Metrics – 21 Defined

- Actual vs. PMC Approved PE and FD Phase Costs
- Final Project Amount vs. Original Contract Amount
- % of TE Projects Committed / Delivered
- Non-Construction Costs vs. Construction Costs
- Construction Oversight Costs
- Chapter 105 Permit Process
- Environmental Clearance Process
- Utility Clearance Process

Summary of Project Findings

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## Key Metrics – 21 Defined

- Right-of-Way Clearance Process (2 metrics)
- % of Bridge Projects on Schedule
- % of Projects Right-Sized
- % of Technical Consulting DBEs Paid / Committed
- % of Construction DBEs Paid / Committed
- % of Bridges that are Structurally Deficient
- Achieving Letting Goals
- Accrued Unbilled Costs (2 metrics)
- Attainment of Statewide DBE Goals (2 metrics)
- Projects in Final Status

Summary of Project Findings

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## Key Metrics – Information Collected

- Metric ID
- Metric Category
- Definition
- Red, Green, and Yellow Thresholds
- Inclusion Source
- Business Owner
- Selection Criteria
- Formula
- Metric Component List
- Metric Component Source Information
- Metric Component Quality Information

Summary of Project Findings

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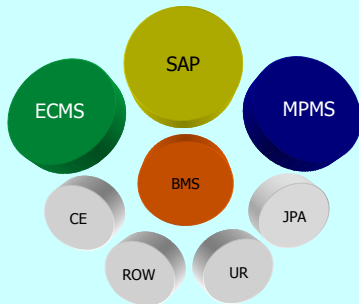
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## Key Metrics – Source Systems



Summary of Project Findings

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## Key Metrics – Accuracy, Quality and Consistency Summary



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## Key Metrics – Issues Summary

Metric	Classification		
	C	A	O
01 Actual vs. PMC Approved PE and PD Phase Costs	1	1	1
02 Final Project Amount vs. Original Contract Amount	1	1	1
03 Percent of Transportation Enhancement Projects Committed / Delivered	1	1	1
04 Non-Construction Costs vs. Construction Costs	1	1	1
05 Construction Oversight Costs	1	1	1
07 Change Order Percent Projects Under Three	1	1	1
08 Professional/Consulting Projects	1	1	1
09 Utility Clearance Projects	1	1	1
10A Right-of-Way Conditional 3 Clearance	1	1	1
10B Right-of-Way Conditional 4 Clearance	1	1	1
11 Percent of Bridge Projects on Schedule	1	1	1
12 Percent of Projects High-Risk	1	1	1
13 Percent of Technical Consulting Firms Paid / Committed	1	1	1
14 Percent of Construction Firms Paid / Committed	1	1	1
15 Percent of Bridges that are Structurally Deficient	1	1	1
16 Achieving Lifting Goals	1	1	1
17A Accrued Unbilled Costs – All Projects	1	1	1
17B Accrued Unbilled Costs – Capital Highway Projects	1	1	1
18A Attainment of Construction PDR Mile	1	1	1
18B Attainment of Technical Consulting PDR Mile	1	1	1
19 Projects in Final Status	1	1	1

**Legend**  
■ Critical/Red Metrics  
■ At-Risk/Orange Metrics  
■ On-Schedule/Green Metrics

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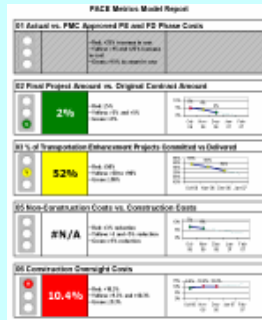
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## Model Report



Summary of Project Findings

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