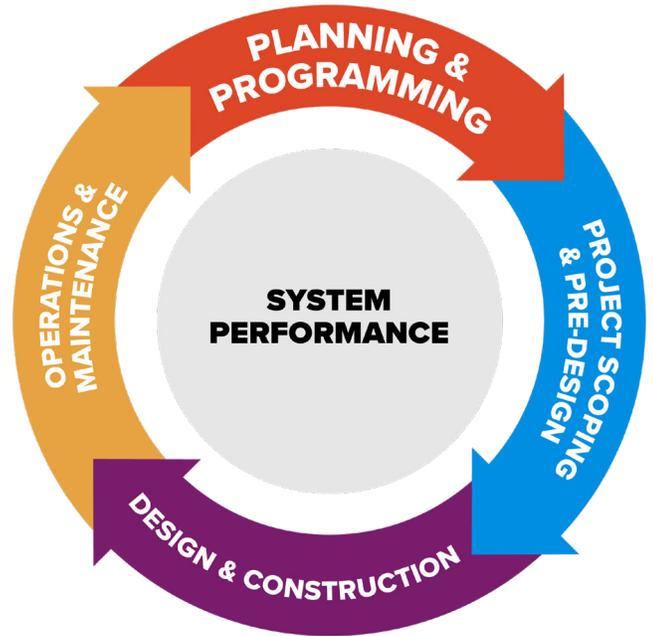


## What is Performance-Based Practical Design (PBPD)?

**PBPD** is a decision-making approach that is focused on using engineering analyses and judgment to guide investment decisions for the good of the transportation system.

### ADOT's Approach to PBPD

Our approach combines the Practical Design philosophy of designing roadway facilities that makes the best use of financial resources to optimize performance, with the Performance Based Design philosophy of evaluating the effects the roadway features have on its actual or predicted performance.



Maintain or Improve Operational Performance.



Reduce Fatal and Serious Injuries.

*Safe System Approach.*



Cost-Effective Solutions to Meet Project Needs.

## When to Utilize PBPD?



**EVERY PROJECT.**



**EVERY TIME.**

## PBPD Resources:

[AASHTO | Highway Safety Manual \(HSM\)](#)

[ADOT | Guiding Principles for PBPD](#)

[\[COMING SOON\] ADOT | PBPD Website & Resources](#)

[FHWA | Proven Safety Countermeasures](#)

[FHWA | About PBPD](#)

[FHWA | The Safe System Approach](#)

[FHWA | Design Decision Documentation & Mitigation Strategies for Design Exceptions](#)

[NCHRP | Performance-Based Analysis of Geometric Design of Highways and Streets](#)

[TRB | Highway Capacity Manual](#)