



# The Bridge Cycle – Sustainability Loop

## Purpose

The Bridge Cycle is the fifth and final core tool in the Bridge Model. It provides a practical, continuous improvement framework designed to sustain integrated BBS-HOP practices over time. While ANSI Z10 (2019) utilizes the Plan-Do-Check-Act (PDCA) model as a system foundation, the Bridge Cycle offers a customized PDCA loop adapted for dynamic safety cultures, behavior-system integration, and SIF prevention.

Rather than treating improvement cycles as passive reviews, the Bridge Cycle actively blends short-term behavior-based feedback loops with long-term system-learning loops, allowing safety leaders to sustain momentum without overwhelming the organization.

## Structure

The Bridge Cycle operates on a dual rhythm:

- **Fast Cycle (BBS)** – Used for behavioral interventions, daily feedback, observation updates, and quick-win reinforcement.
- **Slow Cycle (HOP + Z10)** – Used for systemic evaluation, learning team reflection, management review, and control redesign.

This duality reflects how modern organizations must operate: fast enough to act, slow enough to learn.

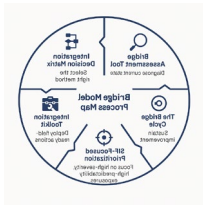
## The Bridge Cycle Includes:

### 1. Plan

- Conduct a Bridge Assessment or scenario scan
- Use the SIF Prioritization Matrix to identify critical exposures
- Choose entry tools (Toolkit, Observations, Learning Teams)

### 2. Do

- Apply chosen tools in real work settings
- Use Observation Cards, Scenario Cards, or System Feedback Loops
- Empower both formal and informal feedback channels



### 3. Check

- Measure outcomes with leading indicators
- Facilitate debriefs, learning sessions, or cross-functional reviews
- Evaluate alignment between behaviors and systems

### 4. Act

- Adjust controls, layouts, procedures, or cultural assumptions
- Document learning for reuse
- Re-run selected parts of the Assessment or Matrix as conditions evolve

## Practical Use

The Bridge Cycle can be embedded into:

- **Monthly Safety Committee Agendas**
- **Quarterly Program Reviews**
- **Weekly Field Audits + Observation Debriefs**
- **Incident Learning Sessions**

It complements ANSI Z10's system review requirements (Sections 9 and 10), but offers a simplified, field-level language and operational rhythm.

## Visual Framework (Pending)

The finalized diagram will feature:

- Circular or dual-loop PDCA graphic
- Visual icons for BBS (Fast Loop) and HOP (Slow Loop)
- Bridge Tools visually mapped to the relevant stage

This tool ensures that the Bridge Model doesn't just launch well—it lasts, adapts, and becomes a core part of safety leadership and organizational maturity.