

AASHTO Highway Subcommittee on Maintenance (SCOM) Bridge Technical Working Group (BTWG) Strategic Plan

September 18, 2015

Vision

Supports members by providing innovative leadership for bridge system preservation and maintenance.

Mission

Provide technical and policy guidance to members in order to achieve the highest quality integrated bridge preservation and maintenance solutions that combine a safe and reliable highway infrastructure that exceeds customers' expectations.

Strategic Goals

Five goals have been established for the BTWG strategic plan. Each goal is further defined by strategic objectives.

Goal 1: Improve bridge preservation and maintenance practices.

Strategic Objective 1: Evaluate and promote the development, use, and integration of innovative technologies, materials, and design to support bridge preservation and maintenance activities.

Strategic Objective 2: Develop, improve, and promote, the use of bridge preservation and maintenance principles for applications in bridge management systems, asset management systems, performance measures, network level programming, and condition assessments.

Strategic Objective 3: Solicit and provide support for bridge preservation and maintenance research needs from member states, bridge preservation partnerships, and national committees.

Goal 2: Communicate the exchange of information on bridge preservation and maintenance.

Strategic Objective 1: Communicate and share information on state-of-the-art practices with member states through mutual participation in regional bridge preservation partnerships and national organizations dedicated to bridge preservation and maintenance.

Strategic Objective 2: Share information and educate stakeholders on the benefits of employing bridge preservation strategies to provide for the most efficient use available funds.

Goal 3: Assist member states in implementing bridge preservation and maintenance, safety, and environmental programs and practices.

Strategic Objective 1: Assist in the maintaining and updating the AASHTO Maintenance Manual sections on Bridge Maintenance and Management.

Strategic Objective 2: Assist the four regional bridge preservation partnerships.

Strategic Objective 3: Identify and document the community of practice for bridge preservation and maintenance.

Strategic Objective 4: Support the use of the Transportation System Preservation Technical Service Program (TSP 2) web site.

Strategic Objective 5: Promote public safety in the workforce, work zone, and equipment operations.

Strategic Objective 6: Promote environmental stewardship and compliance.

Goal 4: Sustain and improve the legacy knowledge base for Bridge Preservation and Maintenance

Strategic Objective 1: Identify knowledge and technology gaps and undertake future research projects and domestic scans through the Transportation Research Board, the FHWA and AASHTO.

Strategic Objective 2: Identify and address succession planning in the bridge preservation and maintenance arena.

Goal 5: Develop partnerships with transportation stakeholders.

Strategic Objective 1: Interact with and coordinate activities with other bridge preservation and maintenance organizations.

Strategic Objective 2: Jointly sponsor and undertake workshops, webinars, and seminars that focus on highway bridge preservation and maintenance.

SCOM Strategic Focus Areas

The Six “Strategic Focus Areas” for SCOM and the BTWG are as follows:

- **Safety** (Goal: A safe, reliable highway system in a state of good repair.)
- **Asset Management** (Goals: A safe, reliable highway system in a state of good repair; accountability and transparency through performance management.)
- **Environmental** (Goal: Environmental stewardship and compliance.),
- **Workforce Development** (Goal: A well-qualified and competent workforce.)
- **Communication** (Goal: The communication of the value and role of maintenance.), and
- **Research** (Goal: Research, innovation and emerging technology.)

Work Plan

The general activities of the BTWG will be listed in the annual Work Plan.