The new standard for bridge deck replacement.

Same performance as concrete with a lighter weight and lower life cycle cost.

SPS (Sandwich Plate System) is a structural composite material made up of two metal plates bonded with a polyurethane elastomer core. SPS delivers high strength and stiffness making it an excellent alternative for bridge deck rehabilitation.

SPS bridge deck panels offer a new way of extending the life of deficient bridges by reducing the dead load by 75% – allowing the superstructure to carry significantly greater live loads without additional strengthening. Designers and planners can now get more out of shrinking infrastructure budgets.

- 75% lighter than traditional concrete decks
- No construction delays from curing concrete
- All bolted construction with no field welding
- Works compositely with the bridge superstructure
- Compatible with conventional wearing surfaces
- Roadway crowns, super-elevations, skews and curves are easily accommodated
- Polyurethane elastomer core formulated by BASF, the leading developer of polyurethane technology
- Proven history in numerous applications