

# HRCSA NEWS

## HRCSA Global Newsletter

### Application Niche

- Sharp Edges
- Crevice Corrosion
- Color Retention

## HRCSA Color Retention

HRCSA color pigments are ground into the single component coating material to become an integral part of the resin.

Because pigments, UV blockers and other materials become an integral part of the resin matrix during the manufacturing , (no mixing required), the end result is a coating system

whose cohesive strength and flexibility provide superior film strength, superior resistance to undercutting and superior color stability.

### HRCSA Challenge

**The bridge shown below had been coated with 3 coat zinc-epoxy-urethane (ZEU).**

One year after the initial 1991 application, inspectors noticed ZEU failing in one year at all connections along edges of steel plate and bolt heads.

### HRCSA fix

Because coating was new, the connection was pressure washed with salt remover additive, dried and overcoated with color matched HRCSA. (top photo).

*“The HRCSA coating did not undercut or bleed rust at the connection for over 26 years. The ZEU system has begun fading and chalking and the performance difference between the two is obvious.*

*-Bridge Inspector*

