

# HRCSA NEWS

## HRCSA Global Newsletter

### Structural Elements

- Main cables
- Structure critical corrosion mitigation
- Anchorage saddle enclosures
- Suspenders ropes on tied arch
- Wind Tongues and End Links
- Bearings and Joints

## Advantages of HRCSA on Long and Short Span Suspension Bridges

With HRCSA being chemically active, voids between strands can be filled with chemically active HRCSA Penetrant/Sealer then top coated with HRCSA Self-Priming Topcoat using a paint mitts, trowels or pressure lubricators

HRCSA has been used on wire rope applications since 1990.HRCSA Application Tips

30 years field history on small diameter aged galvanized cables applied by paint mitts. Anchorages have been treated with mitt application and spray

Large span main cable packing with trowel application into strand bundles and then re wrapping.

Pressure lubricator application of both Low viscosity HRCSA Penetrant /Sealer and HRCSA Self Priming Topcoat

### Rapid Deployment

Surface tolerant Single coat single component application



Internal HRCSA treatment being troweled in to fill the voids between strands.



HRCSA Penetrant has also been pressure applied to fill the voids between the strands with corrosion neutralizing chemistries.



Corrosion-frozen moving parts such as these pin connectors are what HRCSA was specifically designed to preserve. High pressure water clean with salt remover between drying, treating inside connections with HRCSA Penetrant /Sealer and top coating with chemically active, elastomeric HRCSA Self Priming Topcoat to free up and chemically neutralize the moving connection stopping corrosion.

*“Some owners have had issues with (non-HRCSA) coatings bulging and water retention at the bottom of the suspenders ...” P7*

Article: PRESERVING LONG SPAN BRIDGE SUSPENSION SYSTEMS

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