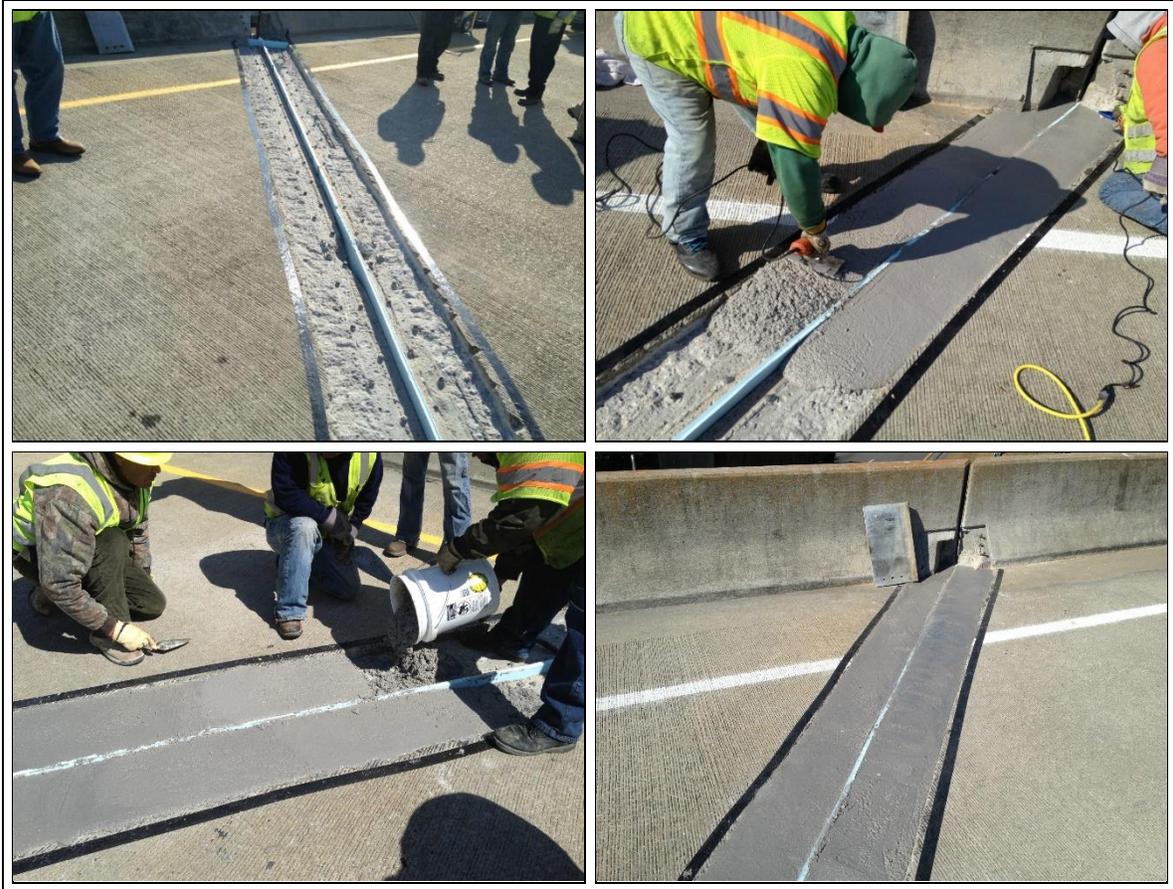




## CASE STUDY : PHOSCRETE HC

### Bridge Expansion Joint Header



**Location:** [US-64 SB Rocky Mount NC](#)

**Ambient Temperature:** [45°F, Sunny](#)

**Agency:** NCDOT Division 4, Scotty Hopkins, [shopkins@ncdot.gov](mailto:shopkins@ncdot.gov)

**Contractor:** Ralph Hodge Construction, Brian Rose, [brian@ralphhodge.com](mailto:brian@ralphhodge.com)

**Installation Date:** 26 March 2013

**Inspection Date:** 20 September 2013

**Installation Notes:** Joint installation was performed side-by-side with Elastomeric Material. Phoscrete Repair was completed in one hour. Blue foam board was easily removed and joint sealant was installed without need for shot-blasting face of header.



**Reinspection Notes:** Phoscrete repair shows some hairline cracks (less than .2mm) but zero debonding, delamination, or shrinkage. Elastomeric material showed extensive debonding and pitting. Additional photos can be viewed at this [Google Photos Link](#).



*Google Image Pre-Installation 2012*



*6 month Inspection 9/18/2013*



*1 Year Inspection 5/20/2014*