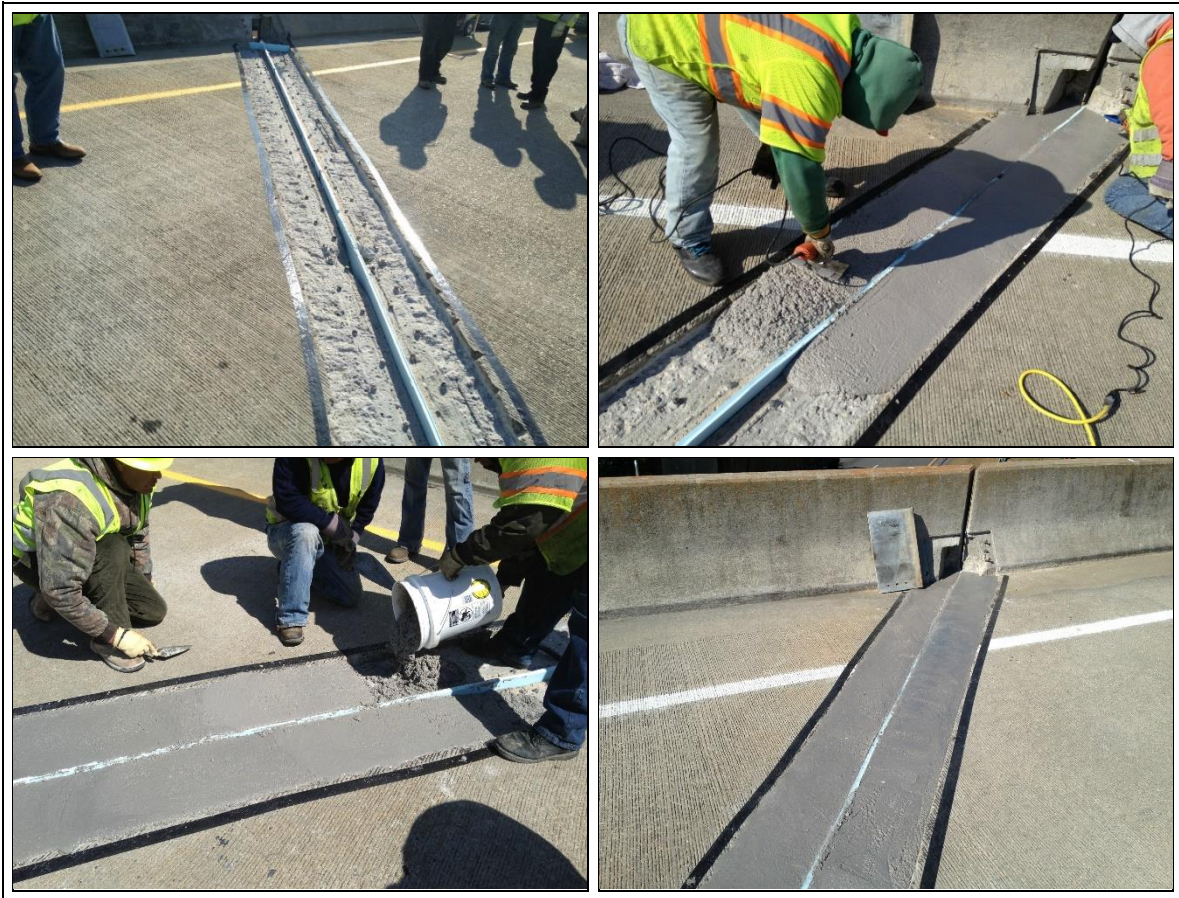




CASE STUDY : PHOSCRETE F1-HC

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

Contractor: Ralph Hodge Construction, Brian Rose, 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.



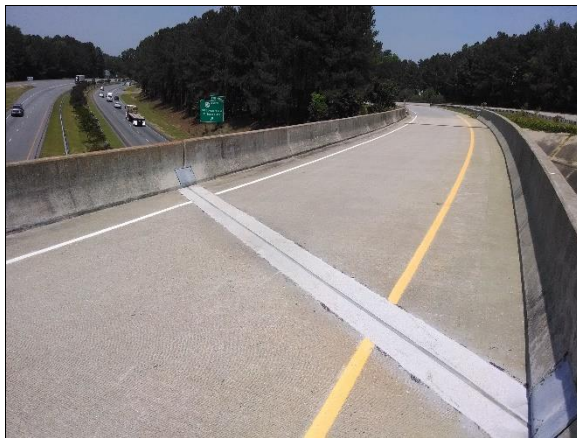
Reinspection Notes: Phoscrete repair shows some hairline cracks (less than .2mm) but zero debonding, delamination, or shrinkage. Elastomeric material showed extensive debonding and pitting. Additional photos can be viewed at this [Google Photos Link](#).



Google Image Pre-Installation 2012



6 month Inspection 9/18/2013



1 Year Inspection 5/20/2014