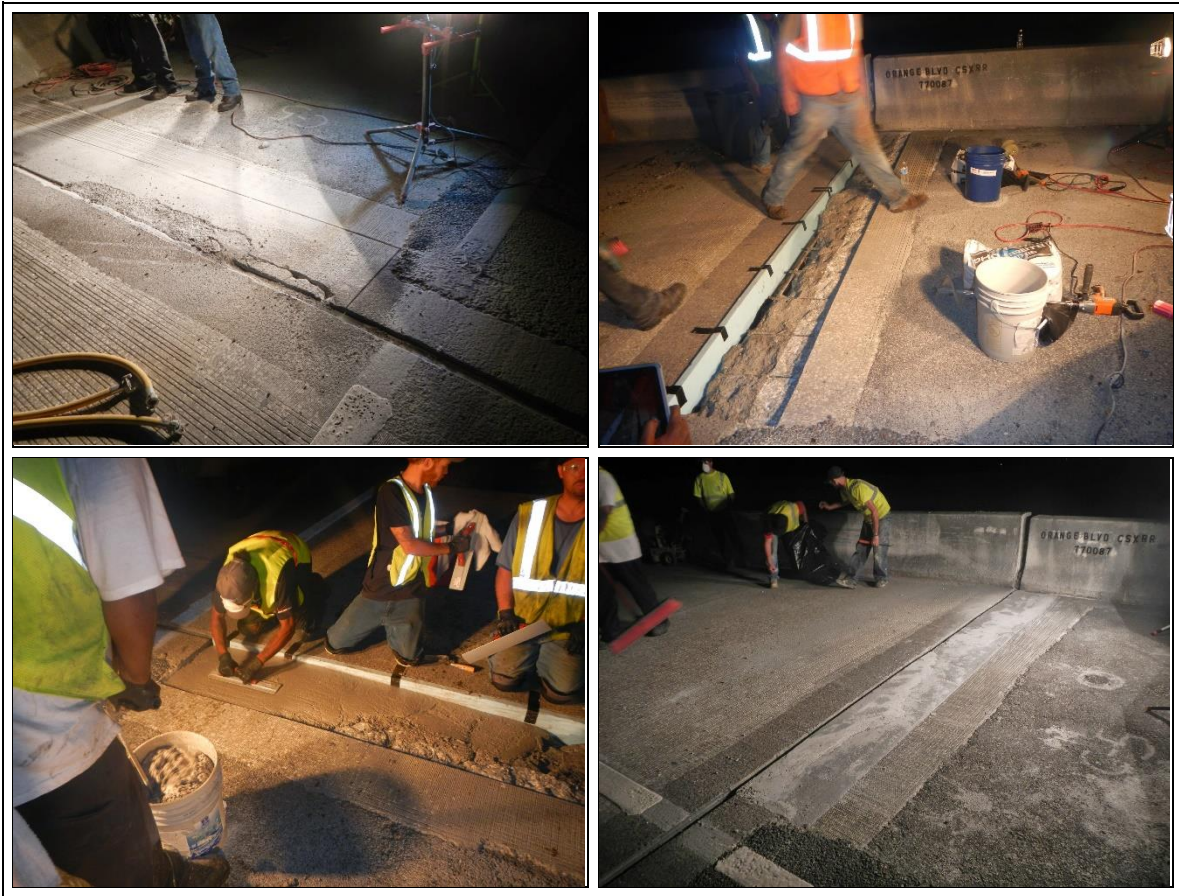




CASE STUDY : PHOSCRETE F1-HC

Bridge Expansion Joint Headers



Location: [I-4 Sanford FL](#)

Ambient Temperature: [75°F, Night](#)

Agency: FDOT District 5 + Lesco Structural (Contractor)

Contact: Travis Lester, General Manager, travis@lescostructural.com

Installation Date: 13-15 May 2014

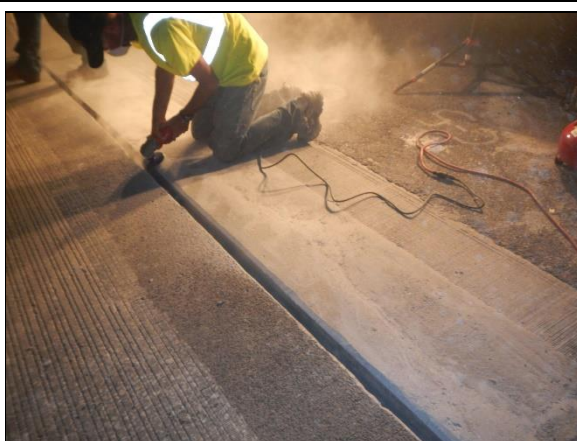
[Link to Google Photos Album](#)

Installation Notes: Repairs were performed on 2 expansion joints on I-4 outside Orlando over two nights. Phoscrete was quickly installed, bump ground for rideability, and then the header face was angle-ground shortly after initial set. Silicone joint sealant was installed in the same night, same lane closure and highway open to traffic by 5AM.

Reinspection Notes: Google Maps satellite photo of first expansion joint 30 months after installation. Bridge was treated with MMA, fully compatible with MALP Concretes.



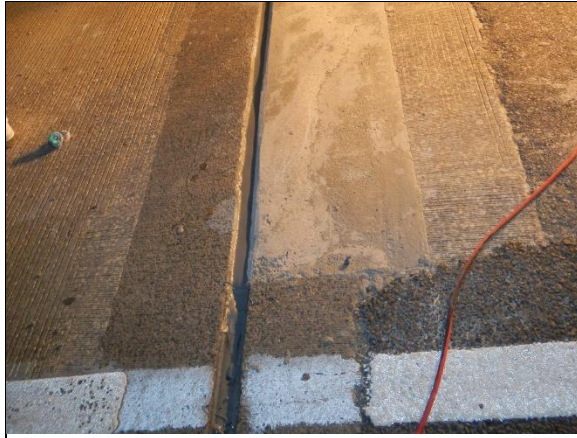
Bump grind for rideability 15 minutes after set



45° angle grinding 15 minutes after initial set



Install silicone joint seal 1 hour after initial set



Expansion joint repair completed in single lane closure!



2.5 year inspection 11/ 2016 (Google Maps satellite image)