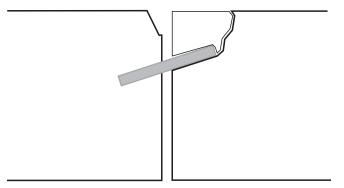
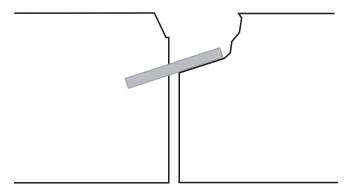


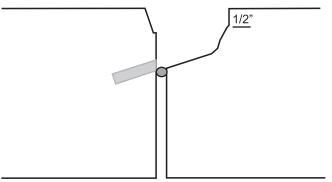
MIS-ALIGNED DOWEL / RESTRAINT REPAIR DETAIL



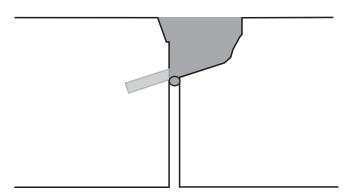
Existing Condition - misaligned dowel tears concrete on opposite side due to restraint during concrete shrinkage.



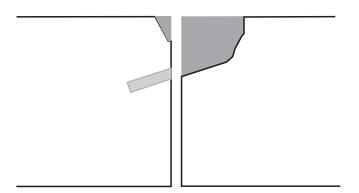
Step 1 - remove any existing concrete which is not structurally sound.



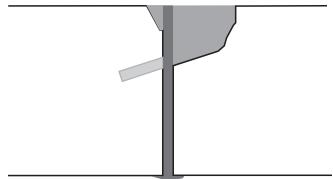
Step 2 - Saw cut through existing dowel to eliminate restraint. Establish vertical edge of 1/2" min. at outside of surface repair. Insert backer rod in compression below bottom shelf of defect repair.



Step 3 - Fill defect with Armor-Hard or Armor-Hard Extreme structural epoxy mortar. Trowel flush with floor surface.



Step 4 - Saw cut through cured epoxy mortar into pre-existing joint to ensure epoxy mortar does not restrain slabs.



Step 5 - Fill joint full depth with semi-rigid epoxy (MM-80) to restore load transfer. Multiple passes with epoxy filler will likely be required to ensure overfill remains crowned on floor. Razor off overfill flush after cure.