

4580200 BRIDGE DECK JOINTS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Dennis Golabek
(850)414-4298

Dennis.Golabek@dot.state.fl.us

Comments: (10-14-19, Internal)

458-4.4.2. Is the intent to have CJP longitudinal welds? If so, then need to state that. If not, would the welds (non CJP) create a fatigue problem?

Response: CJP longitudinal welds are not required for fixed rail expansion joints. Fatigue for these narrow systems is not a major concern, unlike for modular joints with intermediate rails and sliding components. Lack of consolidation of concrete on the back face of the steel rail around the headed anchors has historically been the main problem with these types of simple expansion joint systems.

Arthur Berger
Arthur.Berger@dot.state.fl.us

Comments: (11-1-19, Industry)

458-2.4.2 Strip Seal Joint Systems with silicone glands: Product must meet the requirements of Standard Plans, Index 458-100. Adhesives must be supplied by the same manufacturer as the glands and must meet ASTM C793 with no cracking, ozone chalking **and** **or** degradation.

Response: Agree.
