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### SUBSTRUCTURE TIPS & BEST PRACTICES

#### Keyway Configurations

Through our plan review process, we've noticed a number of keyways improperly detailed. The side faces of keyways at diaphragms in semi-integral end bents and at interior piers need to be parallel to the bridge/beams to allow for longitudinal movement. In skewed bridges these keyways side faces should not be perpendicular to the bent or pier centerline.