Figure 3.3-3 Earthquake Resisting Elements that are not Recommended for New Bridges

1. Plastic hinges in superstructure
   Not Permissible

2. Cap beam plastic hinging (particularly hinging that leads to vertical girder movement) also includes eccentric braced frames with girders supported by cap beams
   Not Permissible

3. Bearing systems that do not provide for the expected displacements and/or forces (e.g., rocker bearings)
   Not Permissible

4. Battered-pile systems that are not designed to fuse geotechnically or structurally by elements with adequate ductility capacity
   Not Permissible