Structural Engineering Guidance No. 12-03

Date: November 1, 2012

Distribution: All Engineering Resources

SUBJECT: Expansion Device Movement Gauges

Contact: Gregory Sanders or Boyd Denson

EPG Status: Revisions Made

Std. Drawing Status: Revisions Made

Effective Date: Immediately For Jobs Not Turned In To Design Division

Expiration/Duration: Indefinite

Background and Purpose:

Expansion device movement gauges are often found in the field not functioning. Instead of revising the details to improve their performance, it was decided to no longer require them. The overall expansion and contraction length obtained from these gauges were not being tracked even when guages were functioning properly. The expansion joint opening is measured and recorded with corresponding temperature for the purpose of tracking how well the joint is funcitoning.

The puropose of this guidance is to document when this office practice was discontinued.

Guidance:

No longer specify expansion device movement gauges on bridges.

Suggestions and recommendations concerning this guidance or procedure should be directed to the Development Section for review and updating the Engineering Policy Guide.