

## **Precast Concrete Inspector Certification Requirements**

This Design Bulletin is to inform Engineering Consultants of upcoming changes to the precast concrete inspector certification requirements listed in Appendix J2 of Volume 1 of the Engineering Consultant Guidelines for Highway, Bridge and Water Projects.

### **Background**

Alberta Transportation utilizes prequalified consultants to provide quality assurance inspection services for fabricated bridge components. Comprehensive training and certification of fabrication inspectors supports the high level of quality assurance required for these fabricated components.

To facilitate consultant training related to precast concrete fabrication inspection, the Department recently facilitated the delivery of a three day PCI Level I/II training course held April 10-12, 2018 in Edmonton.

### **Implementation**

For all active consultant contracts awarded before October 15, 2018, no changes to inspector certification requirements will be made. Precast concrete inspectors will require ACI grade 1 concrete testing technician certification coupled with extensive precast prestressed concrete fabrication experience, as currently required in Appendix J2, Volume 1 of the Engineering Consultant Guidelines for Highway, Bridge and Water Projects.

For any consultant contracts awarded after October 15, 2018, the precast concrete inspectors will require PCI Level II certification.

Consultants will be responsible for securing and maintaining their PCI certification. Currently, PCI Level II certification lasts five years after which individuals seeking re-certification are required to write and pass a certification examination. PCI does not require candidates seeking re-certification to attend a PCI Level I/II training course.

The Department currently has no plans of facilitating the delivery of another PCI Level I/II training course in the future. However, if sufficient requests for a PCI training course are received by the Department from consultants, the Department may consider organizing a future training course.

**Effective Date:** August 20, 2018. Questions on this bulletin may be directed to Clayton Matwychuk at (780) 415-0437.

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