Pile Mitigation Procedure

Pile Accepted

Per BCM 130-11.0, the Contractor is required to submit a pile mitigation plan prior to start of repair.

Is the anomaly a simple repair? (BCM 130-11.0)

YES

The Structure Rep may allow the Contractor to remove and replace the concrete as verified by visual inspection WITHOUT sending the mitigation to the PMC for review and consent.

NO

Obtain the Structural, Geotech & Corrosion design requirements.

Does the pile require mitigation?

YES

Conduct a CIDH Pile Mitigation VA meeting; if applicable (see BCM’s 130-10.0 and 130-21.0).

NO

Transmit Attachment #3 BCM 130-10

Contactor performs work

Is the work satisfactory to the Structure Rep?

YES

YES

Consensus with PMC

Admin Deduction

NO

Is the mitigation plan acceptable to the PMC?

YES

Transmit Attachment #4. BCM 130-10

Contractor must submit a formal mitigation plan. Forward complete mitigation plan submittal to PMC for review and approval

NO

Is the mitigation plan acceptable to the Structure Rep?

YES

Mitigation plan is accepted by the PMC and Structure Rep. (Issue Attachment 1, BCM 130-12)

NO

Is the mitigation work performed by the Contractor acceptable to the PMC and Structure Rep?

YES

Contractor must submit stamped post mitigation report. Forward report to PMC chairperson

NO

Pile Accepted

Contractor may immediately notify perform CSL and/or Contractor of pile coring to investigate acceptance or rejection.

Obtain the Structural, Geotech & Corrosion design requirements.

Does the pile require mitigation?

YES

Conduct a CIDH Pile Mitigation VA meeting; if applicable (see BCM’s 130-10.0 and 130-21.0).

NO

Transmit Attachment #3 BCM 130-10

Contactor performs work

Is the work satisfactory to the Structure Rep?

YES

YES

Consensus with PMC

Admin Deduction

NO

Is the mitigation plan acceptable to the PMC?

YES

Transmit Attachment #4. BCM 130-10

Contractor must submit a formal mitigation plan. Forward complete mitigation plan submittal to PMC for review and approval

NO

Is the mitigation plan acceptable to the Structure Rep?

YES

Mitigation plan is accepted by the PMC and Structure Rep. (Issue Attachment 1, BCM 130-12)

NO

Is the mitigation work performed by the Contractor acceptable to the PMC and Structure Rep?

YES

Contractor must submit stamped post mitigation report. Forward report to PMC chairperson

NO

Pile Accepted

Immediately notify Contractor of pile acceptance or rejection. Transmit Attachment No. 1 BCM 130-10

Discuss the need for CSL testing with FTB/PMC

The Eng. has 30 days to determine if pile requires mitigation & provides Info. to Contractor. (Day 1 is the first day after access has been provided to the Engineer to perform acceptance testing). 20 additional days will be allowed if additional information is submitted (i.e. CSL test results)

Complete PDDF. Do not allow excessive delays

Submit complete PDDF to PMC. BCM 130-10

Discuss repair, replacement or supplement

The Engineer has 15 days to review the Mitigation Plan

Get concurrence letter from PMC

BCM-Bridge Construction Memo
CIDH-Cast in Drilled Hole
CSL-Cross-Hole Sonic Logging
FTB-Foundation Testing Branch
PDDF-Pile Design Data Form
PMC-Pile Mitigation Committee (BCM 130-8.0)
* Time provided for the review by the Engineer may vary.
* The Engineer shall review the Standard Specifications for the time allowed.