

CFLHD SUPPLEMENT 7.1.3.1-1

7.1.3.1 New vs. Rehabilitated Structures

Add the following:

The purpose of this supplement is to provide additional guidance on the assessment of existing cross-drainage structures.

7.1.3.1.1 Assessment of Existing Cross-Drainage Structures

Structures Spanning less than 20 feet

Unless otherwise documented in the Project Agreement, apply the following guidelines for assessing condition and performance of such structures on all projects qualifying for 3R or broader scope of work:

- Assess all structures with known condition or performance problems
- Assess all structures when access is unimpeded
- Assess the following when access is impeded:
 - All known structures with a 48-inch vertical opening or greater
 - All structures spanning “blue-line streams” as shown on applicable USGS 7.5’ Quad maps
 - All structures spanning “live streams,” as identified in the field
 - A minimum of two structures per project mile (or total for projects less than one mile in length)
- Assess drainage structures that do not cross the roadway (i.e. parallel structures) as directed by the Cross-Functional Team (CFT)

When assessments identify condition or performance problems and all structures within the project limits have not been assessed, assess additional structures, as directed by the CFT or Hydraulic Engineer, in order to fully define the scope of work.

Assessment of condition and performance may be done in accordance with the [Culvert Assessment and Decision-Making Procedures Manual](#) (Publication No. FHWA-CFL/TD-10-005, September 2010).

Structures Spanning 20 feet or greater

Assess all structures according to the National Bridge Inspection Standards (NBIS). Such structures are defined as bridges by regulation and receive routine inspections and appraisals of condition and performance.