

# BOX CULVERT EXTENSION SURVEY REPORT

## SUBMITTAL TO BUREAU OF STRUCTURES CHECKLIST

See front sheet of Structure Survey Report for detailed description of items.  
Also, see [Chapter 8 of Bridge Manual](#) for further details.

### STRUCTURE INFORMATION

\_\_\_\_\_ Report (DT1698)

Complete DT1698,  Box Culvert Extension

- Completed except for items that Central Office Design will enter.

### SURVEY INFORMATION

\_\_\_\_\_ Small County Map

- Indicate location of structure.
- 8.5x11 of USGS quadrangle showing structure location.

\_\_\_\_\_ Plan and Profile Sheet

- Existing and proposed profile grade line of roadway, proposed horizontal and vertical curve data of roadway, right-of-way, and structure location.

\_\_\_\_\_ Contour Map

- Contours labeled, existing structures shown, north arrow, stream direction, and scale 1"=20'.

\_\_\_\_\_ Typical Roadway Section

- Typical dimensions of roadway, sidewalk, and curb & gutter; slopes; and clear zone requirements.

\_\_\_\_\_ Stream Cross Sections

- Survey notes showing existing culvert measurements, including stations and off-sets of corners of existing box.
- Streambed and water elevations at structure and stream cross sections.

\_\_\_\_\_ Photographs (Labeled)

- Panoramic view up- and downstream, existing structure views, and roadway.

\_\_\_\_\_ FEMA Floodplain Map

- Location of structure relative to any mapped floodplain.

### SUBMIT TO:

\_\_\_\_\_ Bureau of Structures  
(ESubmit)

- Required for development of structure plans.

\_\_\_\_\_ Region Soils Engineer

- **IMPORTANT!** The official (and only) notice of the project to the Geotechnical Section.