



Information for Aerial Crossing Section 26a Permit Applications

In addition to the general information required for 26a permit applications, applications for aerial crossings require other specific information.

A Section 26a permit application consists of a completed, signed and dated application form, plans with sufficient information to complete a review, map location, and a check or money order payable to:

Tennessee Valley

Authority

for the permit application processing fee.

Applications should be sent to :

What is needed for review of aerial crossings?

- Provide water surface elevations (above mean sea level) at normal high water and for 100-year flood conditions.
- Provide the elevation (above mean sea level) at the low point of sag for the maximum operating temperature of the line.
- Provide line support/tower locations, including number and length of spans.
- Indicate the use of the line and provide voltages if appropriate; and
- Provide details including type, location, and size of airplane or boat warning markers.
- In general, plans should be sufficient to describe the extent of site disturbance from construction, maintenance and use of the structure(s). If plans cannot be provided on 11 x 17 format, they should be submitted on computer disc using "dxf" format.

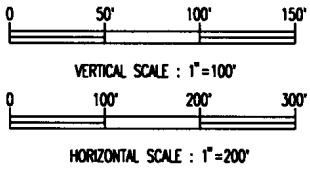
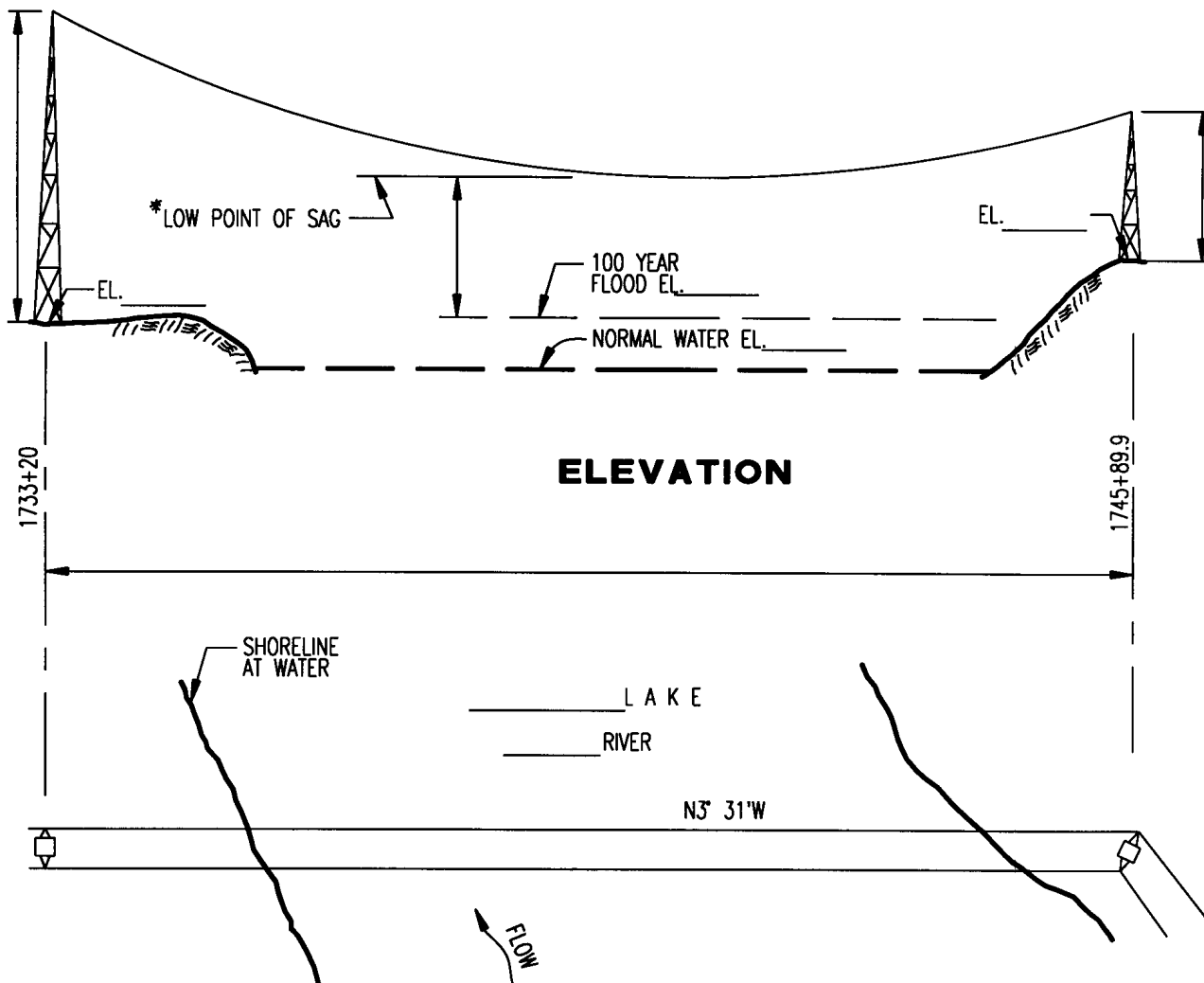
Minimum Clearances:

- Lines attached to bridges should not extend below the low clearance of the bridge.
- Sailboat mast heights dictate that each power line crossing be carefully considered regarding clearances for new, reconducted, or uprated lines in determining an appropriate National Electrical Safety Code (NESC) clearance. Factors considered are the suitability of the area for sail boating and proximity of launching ramps and marinas.
- Engineering judgment may require greater clearances than the minimums specified in the codes for crossings in areas of high sailboat traffic.
- For additional clearance information, contact TVA at 1-865-632-4886.

Note:

For modifications to existing crossings, TVA generally approves aerial crossings where new lines are placed at a higher elevation than existing lines, provided suitable aircraft warning markers are installed.

*APPLICANT SHALL INDICATE MAXIMUM EXPECTED CONDUCTOR TEMPERATURE OR CONDITION USED TO PRODUCE THE LOW POINT OF SAG SHOWN.



THE NORMAL SUMMER WATER LEVEL IS:

NOTE:
INCLUDE ALL DIMENSIONS AND ELEVATIONS WHERE INDICATED.

TVA **EXAMPLE OF AERIAL LINE CROSSING**

PROJECT LOCATION INFORMATION:
 STREAM NAME _____ RESERVOIR NAME _____
 MILE MARKER _____ MAP NO. _____
 (APPLICANT'S NAME)