

Inspecting Abutments Checklist

When inspecting abutments, inspectors should check the following during and post-construction.

Note that some specifications described in the following content may not be the same as the specifications followed by your agency. Always check with your State agency's standards and specifications when using these guidelines.

Key Inspection Checks

- Ensure that each abutment is built in the correct location and to the correct elevation**
- Check that the built dimensions of the abutment are correct**
- Look for signs of unwanted vertical or horizontal movement at the back wall and wing walls**
- Check the location and elevation of bearing points**
- Check the location of bearing assembly embeds**
- Look for any signs of damage due to scour or erosion at the abutment base**
- Check that the drainage system in the back wall has been correctly installed and drains per plan requirements**
- Check the rebar for corrosion and other damage**
- Ensure the abutment installation/pour is done using the proper methods**
- Test concrete for air content and slump**
- Make strength specimens according to specifications**
- Determine what protection is required for the concrete abutment**