



Bridge Design Details 3.30 August 2019

Structure Identification

Prior to Type Selection, the Structure Design Branch requests a bridge identification number from the Structures Maintenance and Investigations (SM&I) unit. This number will be used on all Structure Plans, reports, and other identifying information.

The structure name, bridge number, and year constructed shall be painted on all new structures and widenings. This bridge identification information should be in a place visible to traffic from the roadway at both the upper and lower levels of traffic. At the upper level, it shall be painted on the bridge barrier near the paving notch to the right of approaching traffic on both ends of the structure. At the lower level, if required, it shall be painted on a column or wingwall to the right of approaching traffic.

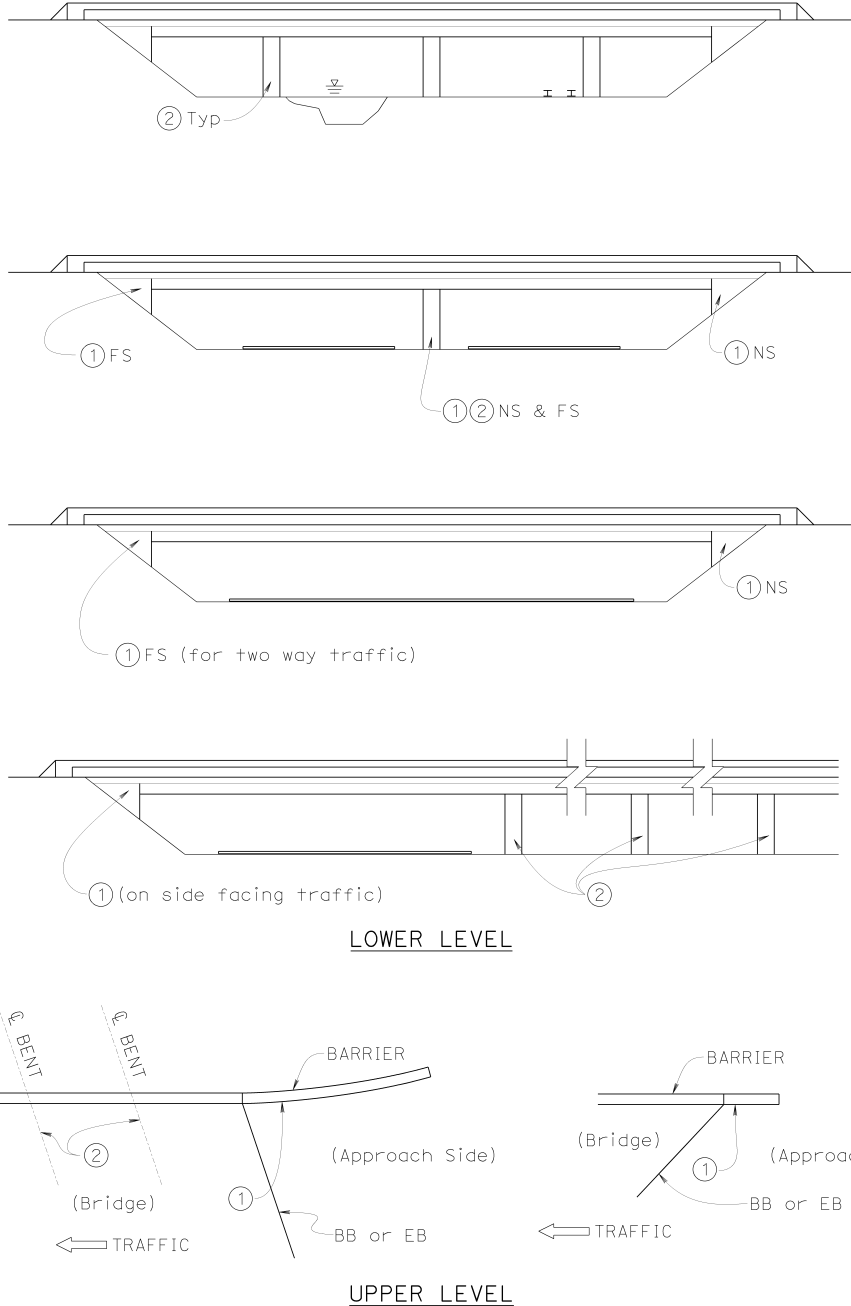
Bridge supports shall be numbered to follow the direction of increasing stations along a route; stationing direction and other information is typically provided by the District.

Exceptions:

- For structures with no columns adjacent to the roadway, the bridge name, number and year constructed shall be painted on the abutment wingwall or on a column in the center of the roadway to the left of traffic.
- On "long" structures over 300 feet long or consisting of five or more spans, each bent, or pier, shall be identified for maintenance personnel, both underneath and on the barrier along the bridge at each support. The support identification numbers should be the same as those used in the contract plans.

Examples: BENT 2R, PIER 15L, etc.

- It is very common for structures to have a roadway "Mile Post" sign located at the bridge, retaining wall or culvert. These details are typically shown in the Roadway Plans and may include the bridge name, number, and post mile.
- For structures with long adjacent retaining walls or approaches where metal beam bridge railings extend well beyond the structure, the structure identification shall be painted on the barrier's concrete end block. If the retaining wall is long enough, the Roadway Plans may also indicate a roadway "Mile Post" sign near the paving notch of the bridge or structure that also includes the structure identification information.



- ① Paint "NAME OF STRUCTURE,
BRIDGE No. XX-XXXX"
Year Constructed
- ② Paint Bent or Pier Number (on long structures only)

Figure 3.30.1 Structure Identification