

### 2.8.3.1 What is Bridge Data System? (BDS)

There are two primary purposes of the Bridge Data System. First, is to provide Oregon Department of Transportation Drafters and Engineers and Oregon Department of Transportation's consultants a means of tracking and viewing all work past and present related to projects. Second, to provide a means of obtaining structure and drawing numbers for new work. See Bridge Data System Manual for complete instructions on its use. The BDS Manual can be located by going the Bridge Section web page.

[http://www.oregon.gov/ODOT/HWY/BRIDGE/standards\\_manuals.shtml](http://www.oregon.gov/ODOT/HWY/BRIDGE/standards_manuals.shtml)

See Appendix A2.8.3 for Bridge Data System – Structure and Drawing Number Request Form.

- **Structure Number**

It is required to get a new structure number when replacing the existing structure or it is a new structure at this location. This includes structures that are having the super structure replaced.

Any structure that will require ODOT for inspection, will require a structure number. All structures shown in BDS will have plans available for use for future work, when structure is under contract with ODOT.

See Structure Numbering Rules at the following link:

[http://egov.oregon.gov/ODOT/HWY/BRIDGE/standards\\_manuals.shtml](http://egov.oregon.gov/ODOT/HWY/BRIDGE/standards_manuals.shtml)

When rail replacement, overlay, deck rehab or widening work is being done, then the existing structure number is used.

- **Structure Work Number**

Every time work is done on a particular structure, then a new structure work number is required.

- **Drawing Number (BDS Reference Number)**

Each project that is completed on a given structure has its own drawings for construction. Each drawing will have a unique five-digit number assign to it. Drawing number is like a file number for future reference to the drawing.

**\*IMPORTANT\*** – No block of numbers will be issued, request only number for completed mylars. It is a good idea to wait until two weeks before final mylars are to be printed to request drawing numbers.

For those without BDS access request can be made to the Region Bridge Drafter or they can send an email to [Bridge@ODOT.state.or.us](mailto:Bridge@ODOT.state.or.us). For structure and drawing number request, see Appendix A.2.7.3 for a BDS Structure and Drawing Number Request Form. For request of copies of old drawings, please list structure number, structure name and/or drawing numbers needed.