



- NOTES:**
- 1 Two SBGR elements one set inside the other for the first 5.21m length of guide rail on traffic approach to wingwall side only.
 - 2 Six 25mm dia holes cast-in-place or drilled to receive 6-M22 x 650mm long A490 bolts.
 - 3 Vertical transition required for connection to tall wall barrier or bridge wingwalls greater than 825mm high.
- A Steel beam guide rail mounting heights shall be as specified.
 B This OPSD to be read in conjunction with OPSD 912.141.
 C All dimensions are in millimetres unless otherwise shown.

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| ONTARIO PROVINCIAL STANDARD DRAWING | | Nov 2008 | Rev 2 |
| GUIDE RAIL SYSTEM, STEEL BEAM PERMANENT CONNECTION INSTALLATION | | | |
| DOUBLE STEEL BEAM TO CONCRETE BARRIER | | | |
| | | | OPSD 912.481 |

