

## Six keys to successful VCP pipeline installation:

### **Trench Width .....Page 8**

Trench width should be measured “dirt-to-dirt” at the top of the pipe barrel (not stopping at the trench box). The trench width should not exceed the design specification.

### **Foundation.....Page 11**

The foundation is the basis on which the entire pipeline is built. A firm and unyielding foundation will ease installation and eliminate problems associated with movement during later phases of construction.

### **Bedding Classes.....Page 15**

Project specifications designate a minimum bedding class requirement to achieve the appropriate factor of safety. Adherence to the minimum bedding class specified is critical to ensure the installation will support the backfill load.

### **Bell Holes .....Page 25**

Bell holes are critical for ensuring that the load is supported by the pipe barrel and for preventing a point load on the bell.

### **Haunching.....Page 27**

Haunching ensures uniform support of the pipe and must be performed before the bedding material is no higher than the quarter point of the pipe barrel.

### **Compaction.....Page 28**

Walk behind and hand-held, light compaction equipment can be used in the trench and at cover depths of less than 5'.