

Horizontal Directional Drilling (HDD) Bore Plan Template

Failure to provide all requested information will cause a delay or rejection of your request.

Bore Pipe Information:

Pipe Size (O.D.): _____ Pipe Material & Grade: _____ Weight of Pipe (lb/ft): _____
(Outside Diameter of pipe to be bored) HDPE must be grade SDR 11 or better (thicker wall)

Maximum size of bore hole: _____" Number and Diameter of back reams: _____

***The maximum size of the bore hole may not exceed Outside Diameter (O.D.) x 1.5 if O.D. is 12" or less. If the O.D. is greater than 12", the bore hole may not exceed O.D. x 1.3 or O.D. + 12" whichever is less.

Equipment Information:

Proposed Equipment (Brand/Model): _____

Method of Drilling Fluid Recovery: _____

Maximum Drilling Machine Pullback Capabilities: _____

Minimum Drilling RPM: _____ Maximum Drilling RPM: _____

Minimum Drilling PSI: _____ Maximum Drilling PSI: _____

Minimum Drilling GPM: _____ Maximum Drilling GPM: _____

Drilling Head Type: _____ Dia.: _____ in. Number/Size of Holes/Nozzles: _____

Back Reamer Head: Type: _____ Dia.: _____ in. Number/Size of Holes/Nozzles: _____

Drilling Head Fluid Pressure: Pilot Bore: _____ psi/min _____ psi/max _____ Operating psi

Back Ream: _____ psi/min _____ psi/max _____ Operating psi

Anticipated Drilling Fluid Rate: Pilot Bore: _____ gal/min Back Ream: _____ gal/min

Geotechnical: Soil Type: _____ Bearing Capacity: _____ psi

***For bores 20" or larger; a soil boring geotechnical profile is required

Design Information: Entry Angle: _____ Exit Angle: _____ Depth: Base of rail to Top of Casing: _____

We will adopt CSX Transportation's Fraction Mitigation Contingency Plan for Directional Drilling: _____ (Y/N)

NOTES:

- Once the bore enters CSXT property, the work must be continuous until the drilling is complete and the pipe is pulled in place.
- The bore must be tracked constantly, with the location and depth marked every 10 feet.
- All construction activities must comply with CSXT's Interim Guidelines for Horizontal Directional Drilling (HDD).
- The project must comply with all conditions, obligations, and additional safety precautions required by the local CSXT Division.
- Owner or Contractor shall give a minimum of Thirty (30) days advance notice to CSXT Representative for anticipated need for Flagging and Inspection service. No work shall be undertaken until the Flag Person(s) and Inspector(s) are at the job site.
- Drilling fluid with Bentonite additive is required.
- Dry Bores and Wet Bores (Jetting) are not allowed.
- To minimize the potential of the bore hole collapsing, all back reaming must utilize trailing rods.