## 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:
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.