

## NASTT'S HDD GOOD PRACTICES COURSE AGENDA

### DAY ONE – WEDNESDAY, OCTOBER 21, 2020

8:00 AM *Open Remarks & Introduction*

**Module Background and Introduction (8:45 – 9:00 PM)**

8:45 PM Course Overview & Background

**Module Equipment and Steering (9:00 – 10:30 PM)**

9:00 PM Equipment, Tooling & Steering

9:45 PM Steering, Locating, & Monitoring

10:30 PM *Break (15 minutes)*

**Module Design (10:45 – 12:00 PM)**

10:45 PM Basis of Design/Contract Documents

12:00 PM *Day One Adjourns*

### DAY TWO – THURSDAY, OCTOBER 22, 2020

**Module Design Continued (8:00 – 9:45 AM)**

8:00 AM Design Calculations

- *Pullback Load and Pipe Stress Analysis for Plastic Pipe*
- *Pullback Load and Pipe Stress Analysis for Steel Pipe*
- *Pullback Load and Pipe Stress Analysis for Ductile Iron Pipe*
- *Hydrofracture Calculations*
- *Settlement Calculations*

9:00 AM Design Challenges

9:45 PM *Break (15 minutes)*

**Module Construction (10:00 AM – 12:00 PM)**

10:00 AM Drilling Fluids

10:45 AM Other HDD Construction Considerations

12:00 PM *Course Adjourns*

**Note:** Job Safety and Construction Practices will not be covered due to time limitations