

# NASTT's HDD Good Practices Course Agenda



## **Background & Introduction**

### **Elements of Design**

- Geotechnical Considerations & Investigation
- Drill Path Geometry
- Pipe Materials
- Work Area Requirements

## **Break**

### **Elements of Design - Continued**

- Contract Documents
- Design Challenges

### **Equipment, Tooling, & Materials**

- Rigs
- Tooling
- Separation Plants

## **Day One Adjourns OR Lunch**



# NASTT's HDD Good Practices Course Agenda

## **HDD Guidance**

- Steering & Guidance Overview
- Walkover Systems
- Interference
- Downhole Magnetic Systems
- Gyroscopic Systems

## **Drilling Fluids**

- Drilling Fluid Components
- Testing
- Contaminants
- Field Calculations

## **Break**

## **Construction**

- Bore Planning & Record Keeping
- Drill Pipe Considerations
- Drilling Operations
- Pipe Fabrication & Pullback
- QA/QC

## **Safety**

- Safety Plan
- Site Hazard Identification
- HDD Specific Hazards
- Strike Response

## **Course Adjourns**