

## **NASTT New Installation Methods Good Practices**

8:00 am	Opening Remarks & Introductions
8:15 am	Chapter 1 – Introduction of Trenchless Methods for New Installations
9:00 am	Chapter 2 – Importance of Understanding of Subsurface Conditions
9:45 am	Break
10:00 am	Chapter 3 – Site Set-up, Shafts, Pits, and Portals
10:45 am	Chapter 4 – Pilot Tube Method
11:30 am	Lunch
12:30 pm	Chapter 5- Auger Boring
1:15 pm	Chapter 6 – Pipe Ramming
2:00 pm	Break
2:15 pm	Chapter 7 – Pipe Jacking, Microtunneling, Direct Pipe and Tunneling
3:15 pm	Chapter 8 – Casing vs. Product Pipe and Grouting
3:45 pm	Chapter 9 – Examples, Case Studies, and Wrap-up
4:30 pm	Final Wrap-up with Evaluation Forms
5:00 pm	End of Course