

NASTT Oklahoma State University (OSU) Student Chapter Annual Report 2017- 2018

Academic Advisor: Jonghoon Kim, Ph.D., Member of NASTT



OKLAHOMA STATE UNIVERSITY

OSU NASTT STUDENT CHAPTER

Dr. Jonghoon Kim, who is a faculty representative at OSU. Since Sep, 2016, NASTT OSU Student Chapter has been playing a crucial role in activating student activities for Trenchless Technology (TT) development and trying to engage with the industry to have indirect experience based on our *mission statement*. We had a great year of activities which include the industry guest speakers, project site visit, No-Dig Conference, case study discussion and student chapter monthly meeting. This report provides the 2017-2018 student chapter activities and future activity plans in 2018-2019.

MISSION STATEMENT:

“To inspire students to enhance the skills and integrity of trenchless technology, develop and share industry knowledge through integrated practice, education and research”

2017-2018 OSU STUDENT CHAPTER ACTIVITIES

NASTT OSU Student Chapter had attended in 2018 No-Dig Conference, visited the auguring job site (12-in Water installation) here in the City of Stillwater and the HDD job site (16-in Water Installation) visit in the City of Enid. We also had a guest speaker, Floyd Gunsaulis, from Ditch Witch so that our students had a great

opportunity to have knowledge of the horizontal directional drilling and the cost estimate based on trenchless projects in the State of Oklahoma. NASTT OSU students also understood to acquire of trenchless technology knowledge through these activities. 2017-2018 student chapter activities, which include the descriptions and the pictures, are for the following pages in appendix A.

NASTT OSU FUTURE ACTIVITIES (2018-2019)

NASTT OSU Student Chapter has a plan to recruit more sophomore and junior students in this coming year so that they can have more opportunities to involve in trenchless education and activities. As of now, we have 17 student members which more than half of them are sophomore students. I believe that would be good transition between students who got graduated and the new students in this trenchless technology. NASTT OSU will also engage with more industry companies and various trenchless projects to have valuable information and experience. In March 2019, four (4) undergraduate students will participate in 2019 No-Dig Conference in Chicago, IL.

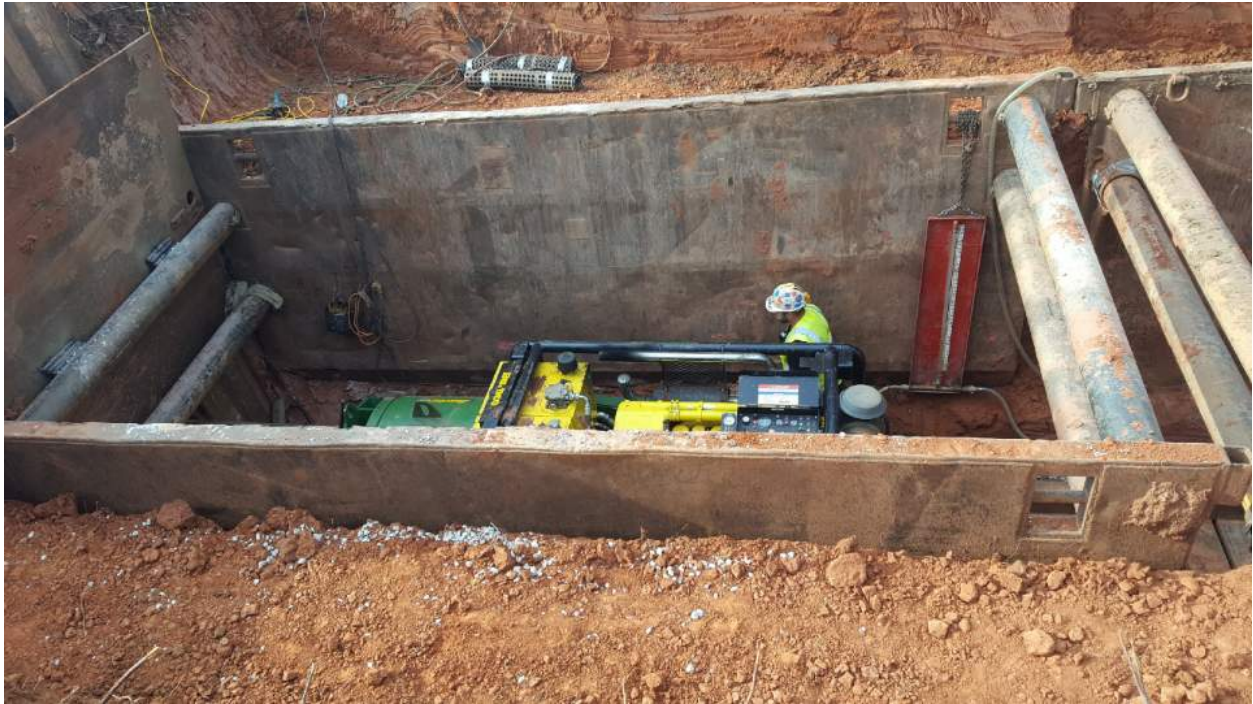
APPENDIX A

- **March 25-28, 2018. 2018 No-Dig Conference (Palm Springs, CA):**
Three undergraduate student members from NASTT OSU student chapter attended the No-Dig conference in Palm Springs, CA. These students attended technical sessions, exhibit halls, other NASTT activities. The students also served to help the conference organization as a volunteer.



- **May 8, 2018- Site Visit in Stillwater, OK:**

Two undergraduate students and Dr. Somik at the University of Oklahoma visited in Stillwater, OK. We as a research team got invited by McKee Construction for 12-in Waterline installation project using augur boring. Based on this site visit and meeting with the president, Shane Mckee, we had a plan for the future collaboration- Research, Industry Outreach Program and Student Interns.



- **July 22, 2018- Site Visit in Enid, OK:**

Dr. Kim at OSU received the grant project from Oklahoma Department of Transportation. For this reason, Dr. Kim and a PhD student went out to the City of Enid to conduct HDD construction data which includes the air emissions, productivity, and construction safety for the 16-in waterline installation project along the existing sidewalk and crossing the driveways.



- **Sep 11, 2018 NASTT OSU Student Chapter Kick Off Meeting:**

NASTT OSU student chapter had a kick-off meeting at the construction lab. 8 members got graduated last semester; however, we've got 10 new members. Pizza and Soda provided for free during the meeting. We discussed how to run this meeting, develop, create new contents for the monthly meeting.



- **Sep 12, 2018- Guest Speaker, Floyd Gunsaulis- Ditch Witch:**

Dr. Kim invited Floyd Gunsaulis at Ditch Witch in Heavy/Civil Construction Estimating class to present the HDD projects in OK and TX and cost effectiveness compared to the Open-Cut. He also hands-out the HDD cost estimate materials so that students could work out by themselves as a class activity.



- **Sep 25-26, 2018- South Central Trenchless Tech. Conference at OSU:**

The NASTT South Central chapter has the 3rd Annual 2018 Oklahoma/Texas Trenchless Technology conference Sep 25-26 at Oklahoma State University (OSU). There were 50 attendees which include the municipalities, contractors, engineers, educators and students. There were two main sessions such as technical session and the exhibits and all attendees were pleased with the program and overall quality of the event.



ADVISOR INFORMATION (UPDATED)

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