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## **ASCE September Meeting Minutes**

Speaker: Tony Lane – SippTech

Topic: SippTech – Site Tour

Date: Wednesday, September 6, 2023

Location: SippTech LLC

 2635 W Esthner Ct

 Wichita, KS 67213

Tony Lane, Project Manager at SippTech began presenting at 11:45 pm. Tony explained SippTech was created for a solution to a problem in our infrastructure, many pipelines are aging and in need of replacement. SippTech offers a cost effective and less disruptive option to rehabilitate pipes instead of replacing or slip lining, utilizing Manufactured In-Place Composite Pipe (MICP) to achieve this. The process involves a robotic system that sprays rigid polymer with carbon fiber reinforcement on top of an isolation polymer to create a structurally independent pipe with a 150 psi verified working pressure. At 12:00 pm Tony concluded the presentation and the group began the site tour. President Layla McDaniel gave announcement before starting the tour.

**Announcements**

* Meeting will be held next month, speaker TBD
* Everyone is encouraged to renew their ASCE membership, which provides multiple benefits
* PDH’s are available at the end of the meeting
* Hands on Engineering activity occurs the first Saturday of every month. Talk to any board member if you are interested in volunteering. WSP will be helping in October and Sedgwick County in November.
* STEM Grant applications will open next month.

Eric Hayes, Chief Engineer at SippTech, began the tour explaining both robotic systems used. One system sprays the rigid polymer inside the pipe and the other applies the carbon fiber reinforcement on top of the rigid polymer before another layer of the polymer is applied. A demonstration of both robotic systems was then performed.

After the demonstration, the group was broken up into two groups. One group joined Charles Warren, Project Manager/Operations at SippTech, where he explained and showed the group the truck that acts as a sort of a control room when on the project site. The other group joined Eric Hayes and Tony Lane as they described the process of making their carbon fiber reinforcement and quality assurance, they take to make sure it is to standard. The groups switched and the site tour concluded.

**Meeting Attendees**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | Allison | Atkinson | 18 | Dakota | McKee |
| 2 | Scott | Bernhardt | 19 | Aubrey | Mealiff |
| 3 | Jeff | Bradley | 20 | Daniel | Mealiff |
| 4 | Caleb | Coltrane | 21 | Logan | Mills |
| 5 | Macee | Crowell | 22 | Joshua | Nepper |
| 6 | Kurtis | Dekat | 23 | John | Oswald |
| 7 | Ahmad | Farraj | 24 | Rohith | Panthangi |
| 8 | Alan | Farrington | 25 | Shivraj | Patil |
| 9 | Harlan | Foraker | 26 | Corbin | Prichard |
| 10 | Eric | Gasper | 27 | Gage | Scheer |
| 11 | Abdul | Hamada | 28 | Jessica | Slavik |
| 12 | Drew | Johnson | 29 | Luke | Vohs |
| 13 | Trevor | Kaufman | 30 | Tyler | Voth |
| 14 | Kunal | Khullar | 31 | Amy | Wegner |
| 15 | Derek | Kratzer | 32 | Reagan | Wessel |
| 16 | Scott | Lindebak | 33 | Brandon | Woods |
| 17 | Layla | McDaniel |  |  |  |

Meeting adjourned by President Layla McDaniel at 1:00 p.m.

Minutes respectfully submitted by Secretary Dakota McKee.