ACI Student Chapter
West Pomeranian University of Technology

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The Concrete Convention
and Exposition

WELCOME
TO Fabulous
LAS VEGAS
NEVADA

West Pomeranian University
Student Chapter

Las Vegas, 15th October 2018
Plan of Presentation:

1. History Chapter
2. Construction Site Trip
3. Concrete Research
4. 3D Concrete Printer
History Chapter

May 7, 2018 - Application

May 14 – Decision - YES!

July 16 – Banner from ACI!

ACI S.C. cooperate – Auburn S.C. ACI
May 19, 2018 – Trip to Polymer Concrete Factory - BetonStal
Construction Site Trip

June 14, 2018 – Trip to Factory of prefabricated reinforced concrete segments for bridge
Construction Site Trip

July 6, 2018 – Trip to Posejdon Center Construction Site in Szczecin
Research

Self-consolidating mortars + fibre

1% 2% 5%

(17.9cm) (12.5cm) (10cm)

(24cm) (21.5cm) (11cm)

Slump flow: 26.8cm

without fibre

= 1% 2% 5%

(17.9cm) (12.5cm) (10cm)

(24cm) (21.5cm) (11cm)

glass fibre

polypropylene fibre
Candlesticks of colored concrete
3D Concrete Printer
3D Concrete Printer

Bowls

Concrete walls

Measurement shrinkage concrete
Thank you for Attention!