

Eglinton Tunnel-GeoBIM

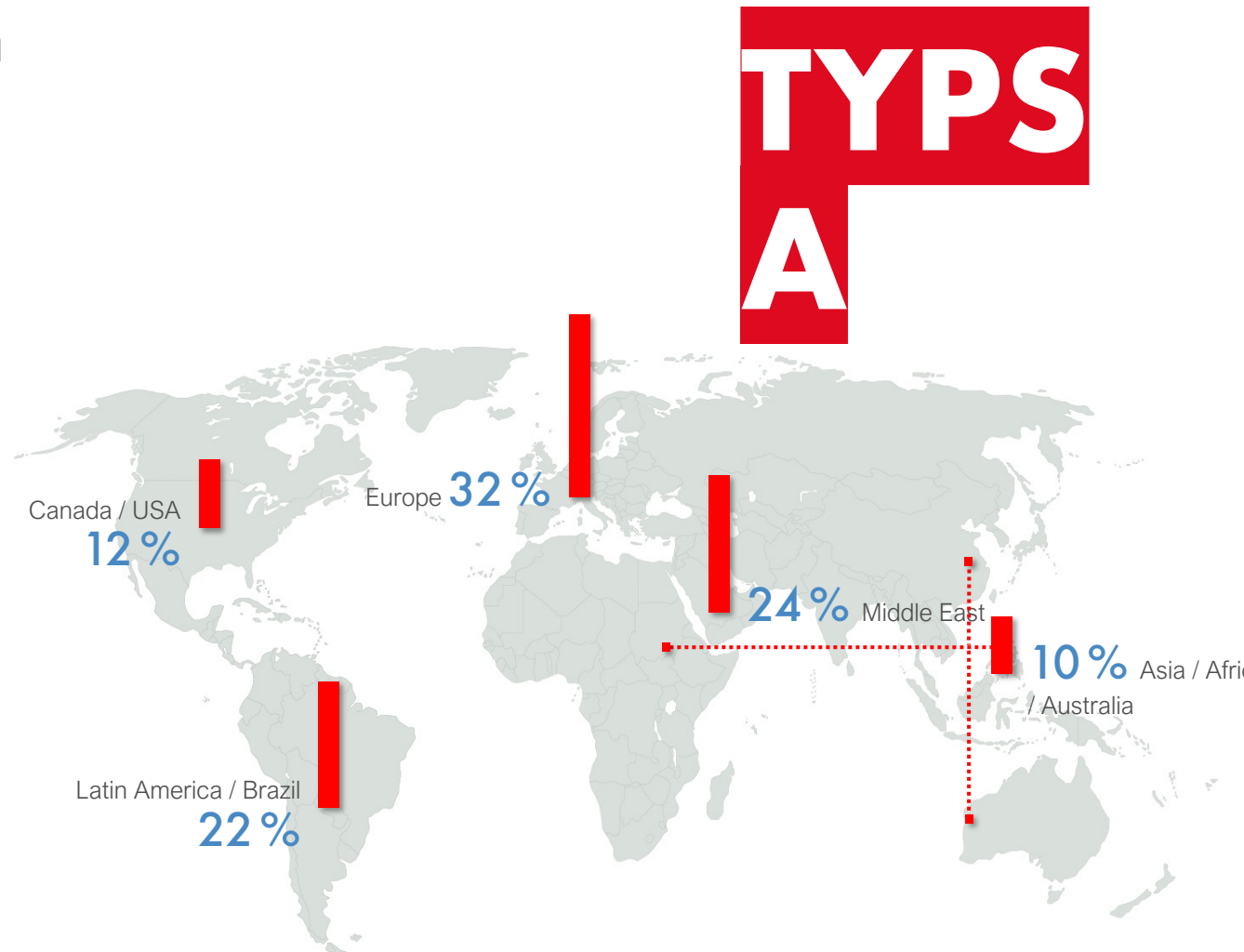
Agustín Roldán Hernández – BIM Manager, TYP
Paloma Sánchez Allegue – BIM Manager, TYP

Grupo

TYP



- Independent consulting & engineering services group
- Has over **50 years**
- **Sustainability** & innovation
- **BIM** and new technologies



Main challenges in a sub-Surface project



- Geological composition
- Water
- Behaviour of soil & rocks under the stress of excavation
- BIM&GIS

BIM&GIS

technology



CAD vs BIMGIS
Data & information
Construction and design

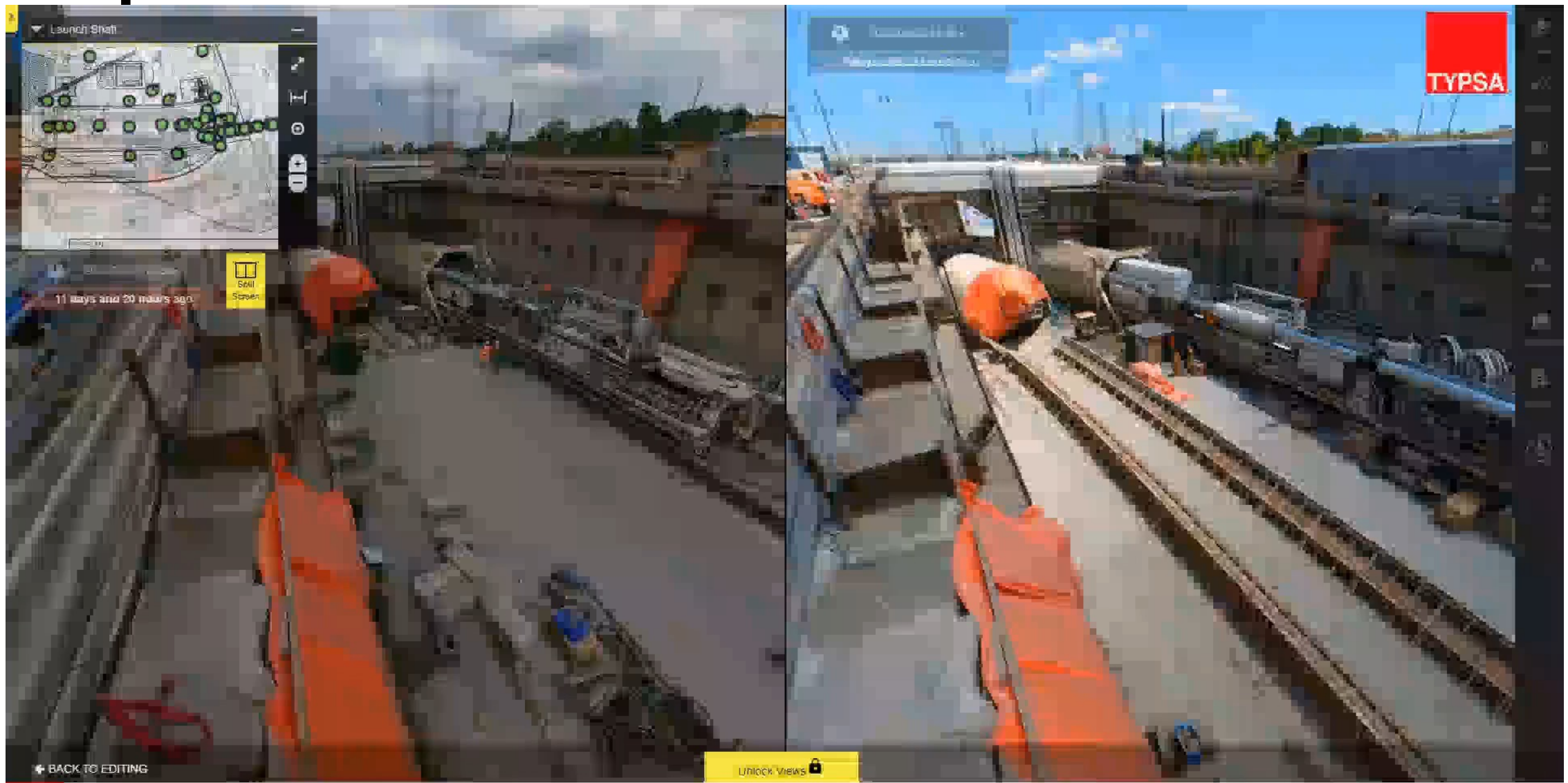
BIM&GIS

Technology



Sustainability
Accessibility
Anticipation

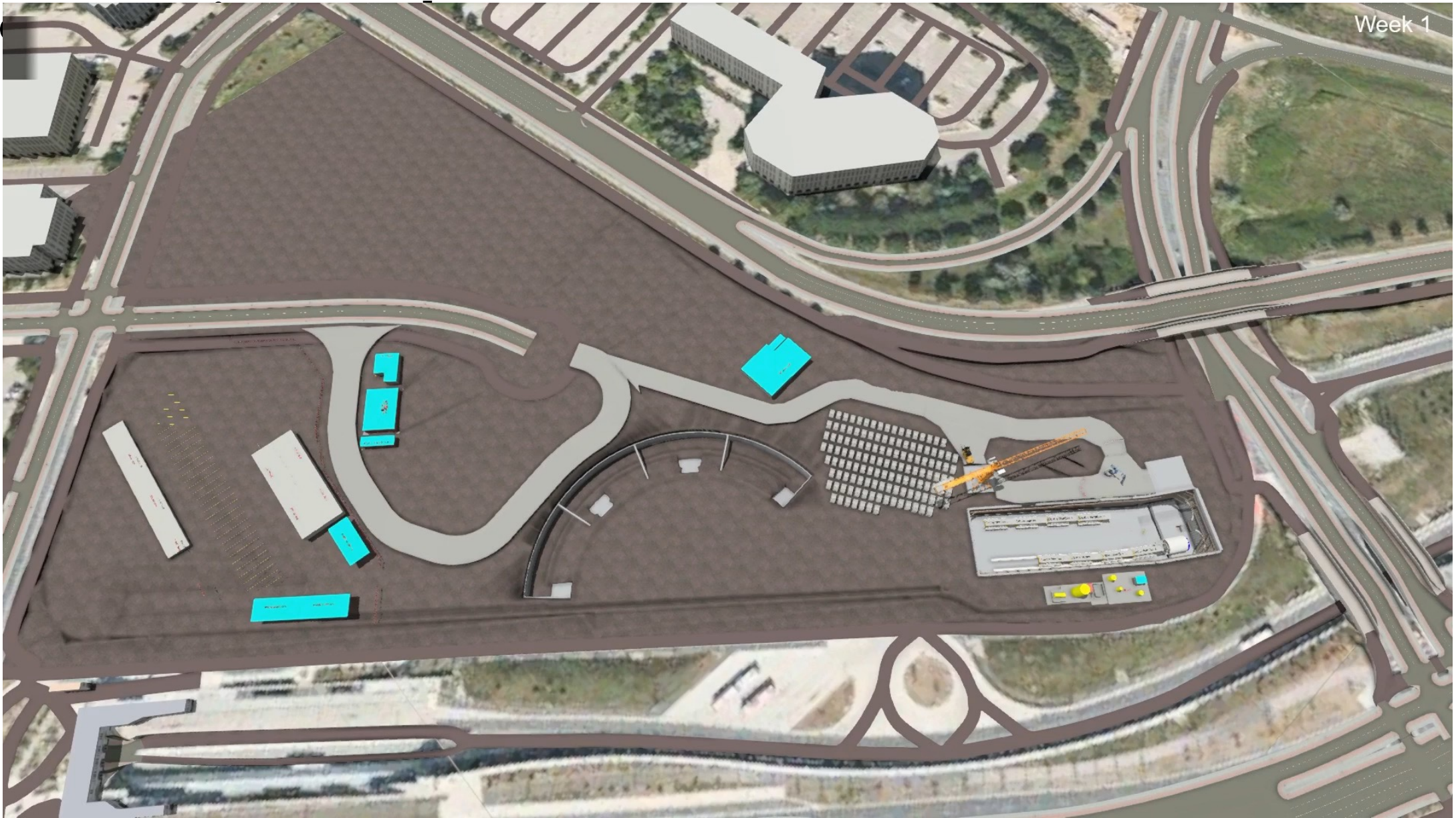
Holobuilder platform for 360° pictures of site



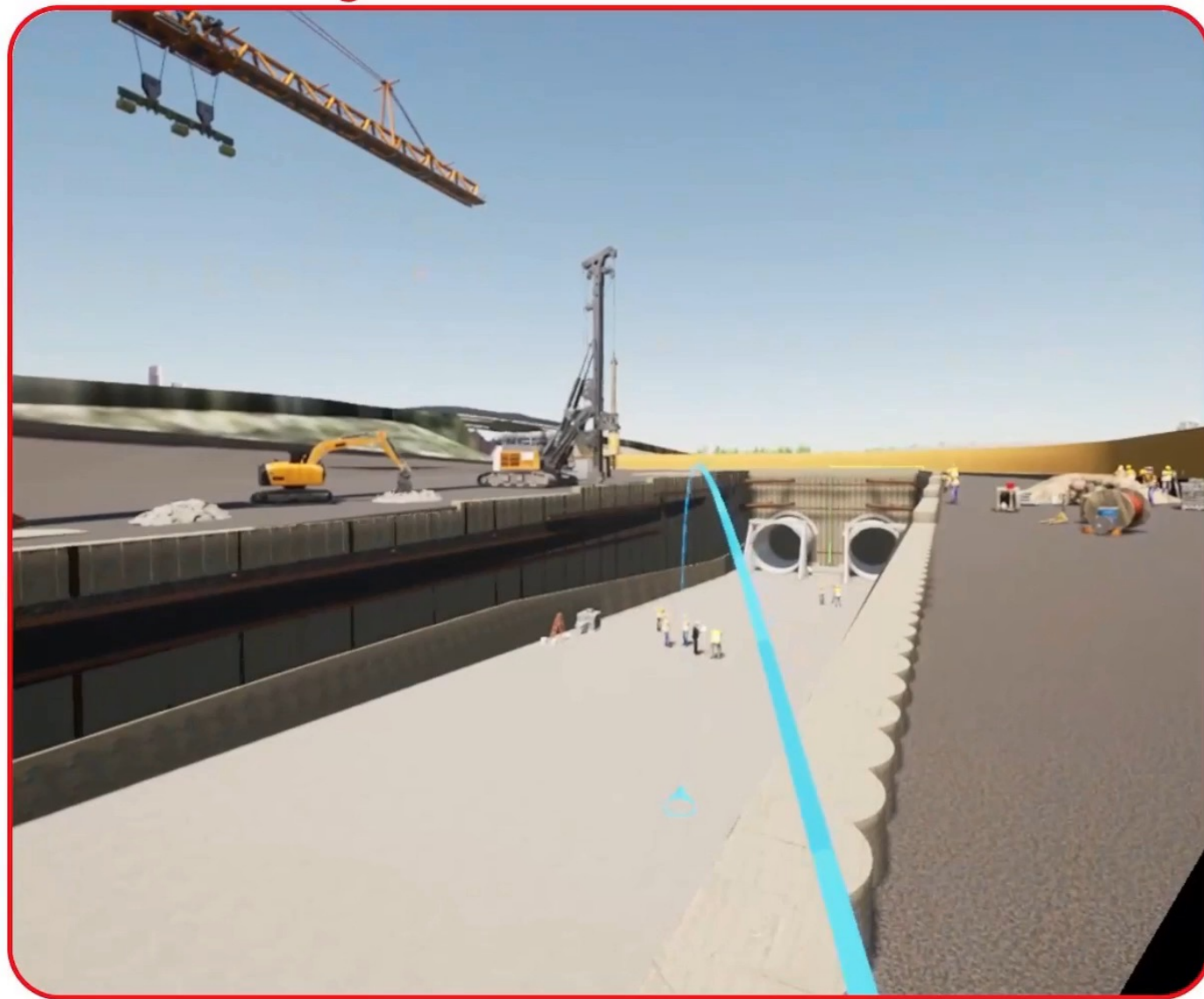
Twinmotion software for recreation of tunnel

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Week 1



Virtual Reality experience inside of BIM Models



VR Camera View

TYP SA



Real Life View





Thank you for your time!

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