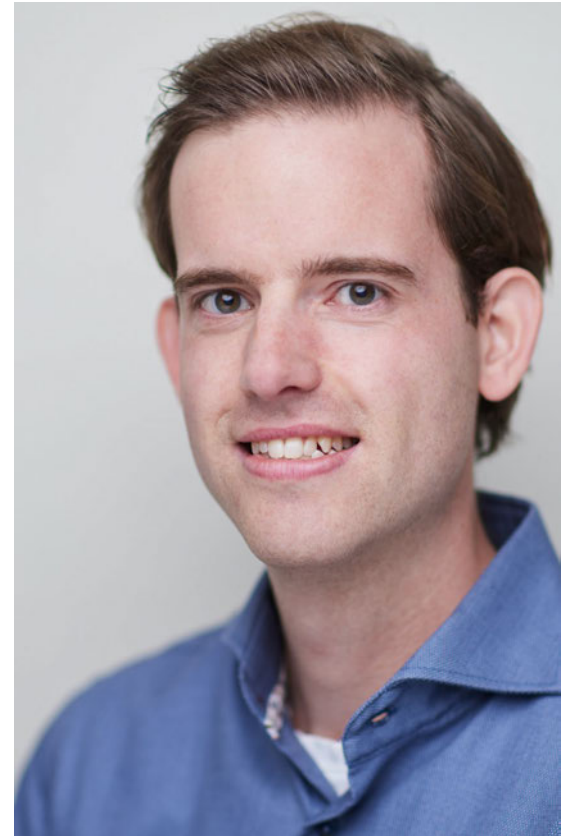


# OpenRoads Designer A9 Ba Ho

# Even voorstellen

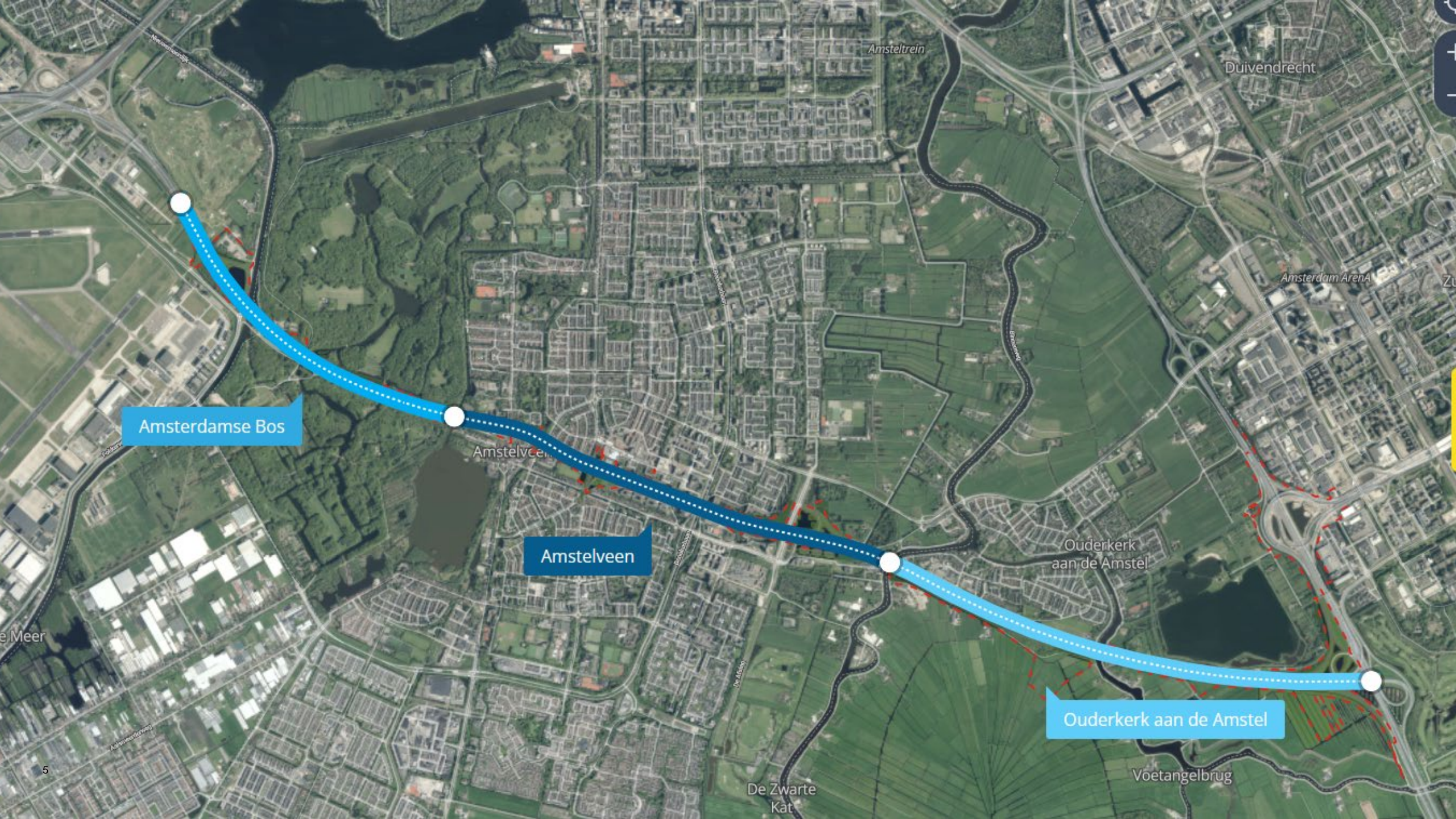
- Merlijn van Beurden
- Bij Sweco sinds 2017
- Oosterweelverbinding Antwerpen
- A9 Badhoevedorp – Holendrecht
  
- Automatisering
- Ontwerpprocessen
- Digitalisering



# Agenda

1	A9 BaHo	4
2	VOen DO	7
3	Integraal ontwerp	17

1 A9 BaHo



Amsterdamse Bos

Amstelveen

Ouderkerk aan de Amstel

Amstelrein

Duivendrecht

Amsterdam Arena

Amstelveen

Ouderkerk aan de Amstel

Voetangelbrug

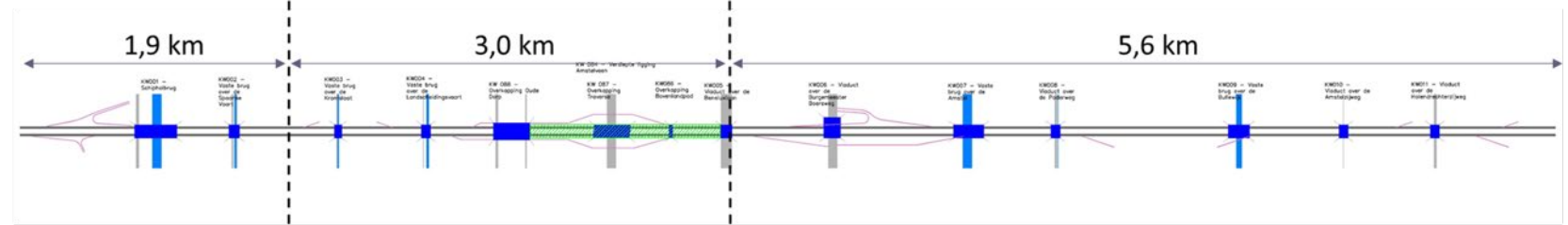
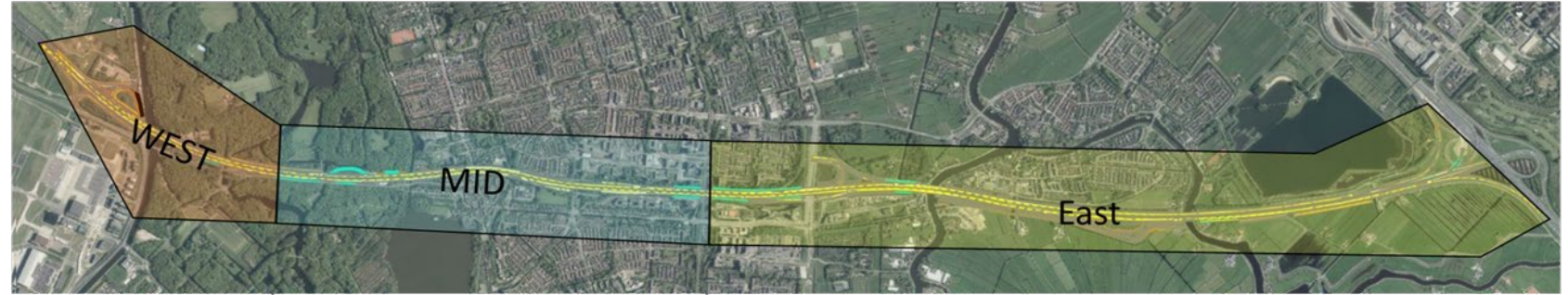
De Zwarte Kat



e Meer

5

# Facts and figures



- 10.5 km
- 11 kunstwerken
- 2 verdiepte liggingen
- 5 hoofdfaseringen



 Schiphol bridge  
 1 Fixed Bridge

 Deep cut Amstelveen  
 1 Viaduct + 2 Fixed Bridges

 Groundwork  
 4 Viaducts + 2 fixed bridges

 Deep cut Holendrecht  
 Reversible lane

2 VOen DO

# Organisatie SweckRoads

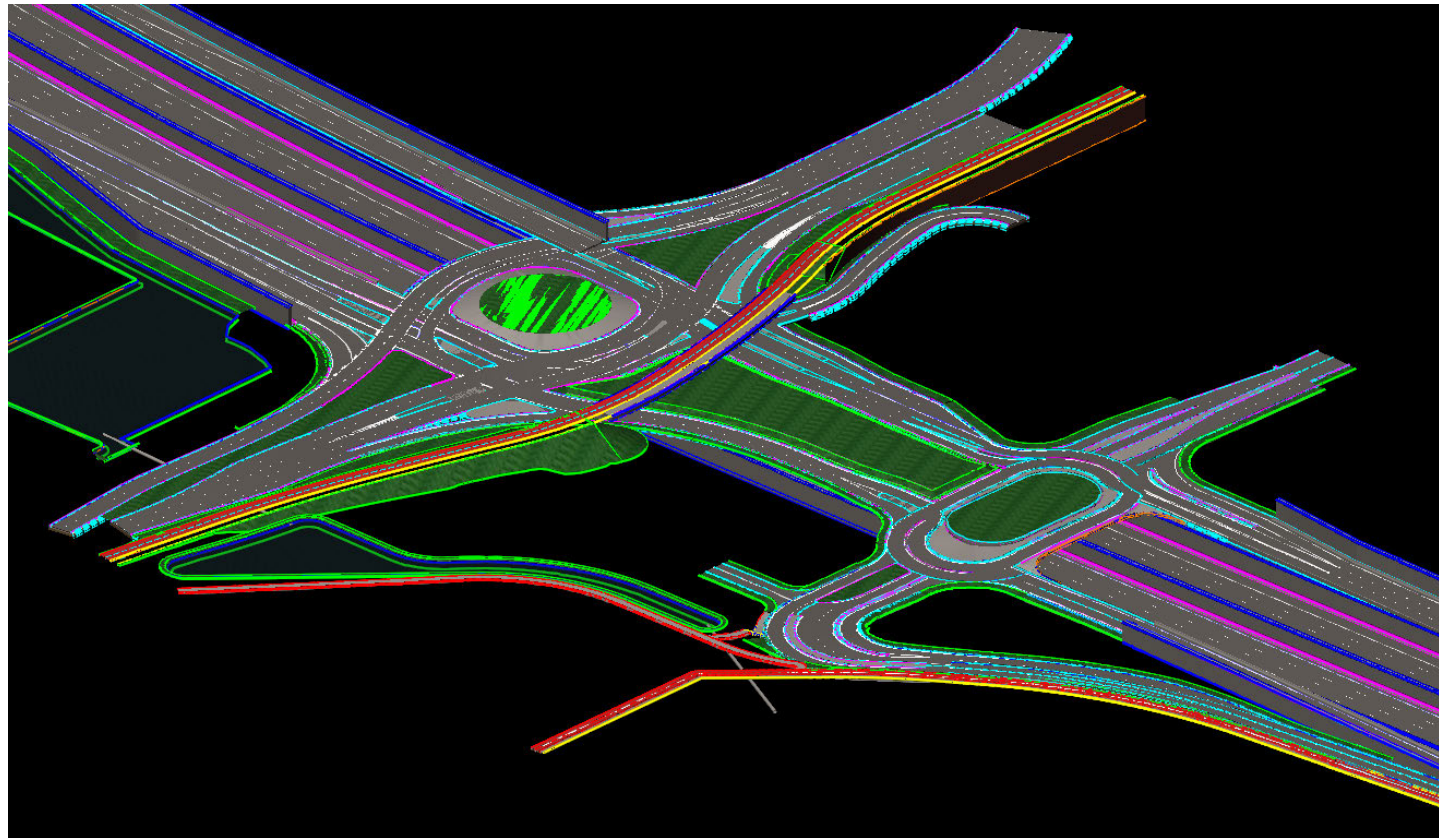
- Eindsituatie
- 5 hoofdfaseringen
- Onderliggend wegennet
- 15 personen
- 10 ontwerpers / tekenaars
- Start begin 2020 ☀️
- VOopgeleverd eind 2020
- DOopgeleverd begin 2022



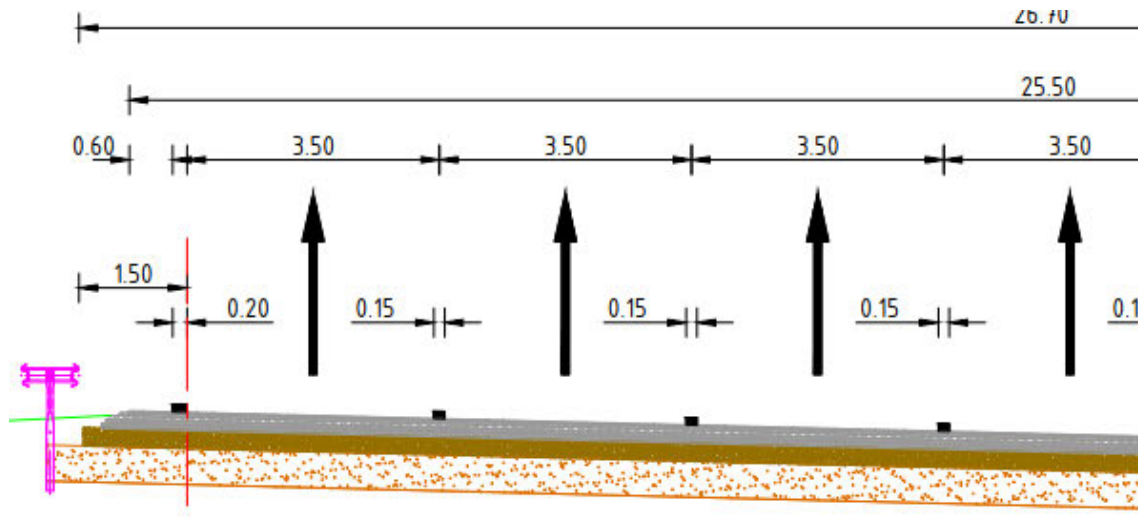


# Informatiemanagement

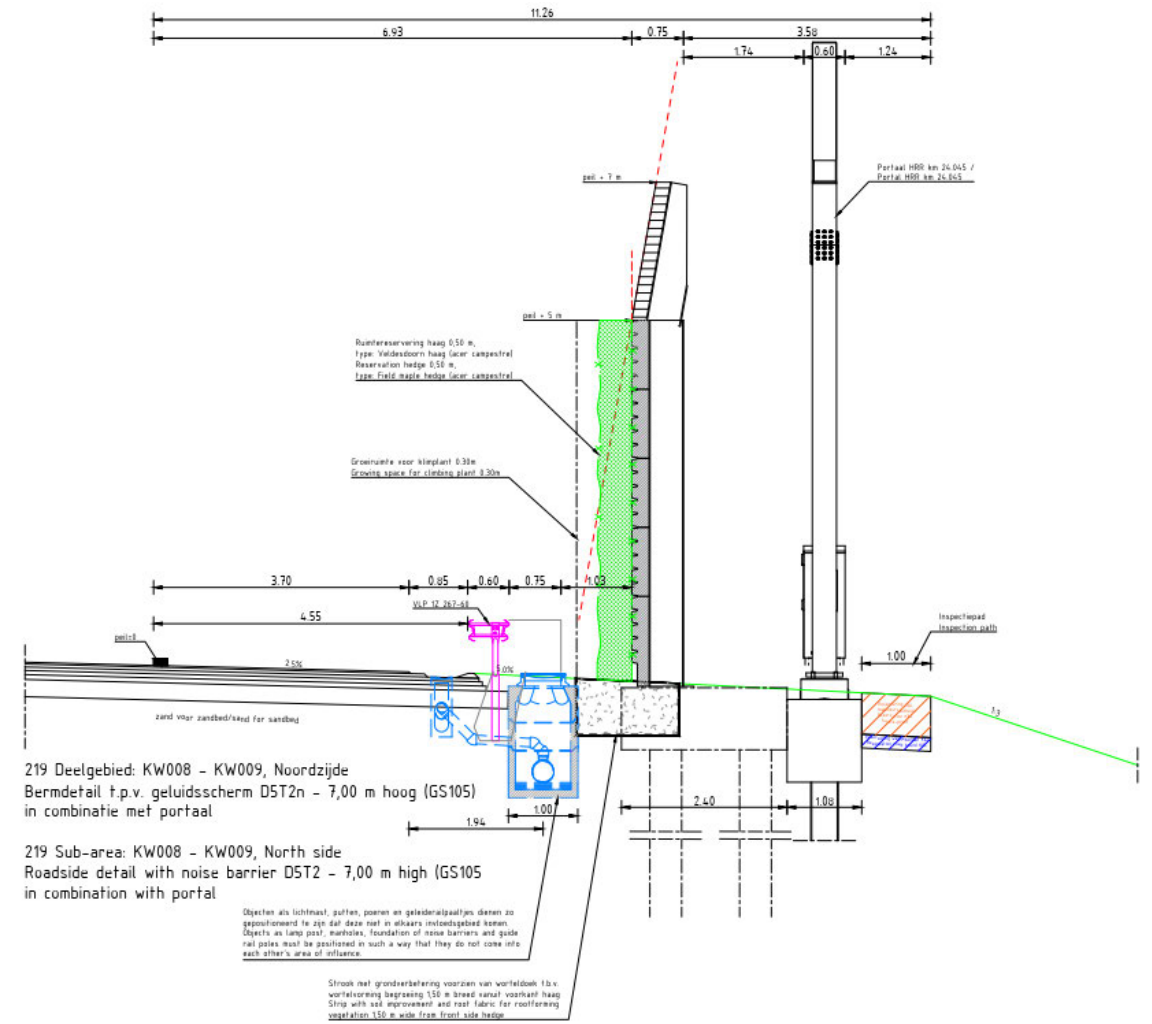
- ProjectWise
- 500+ modellen
- Naamgeving
  - WBS – code
  - Type model
    - ALM
    - VRK
    - DWM
  - Fase
- Map per fase



# Principeprofielen



001  
6 rijstroken met vluchtstrook  
Vo 120 km/u  
001  
6 lanes with emergency lane  
Vo 120 km/h

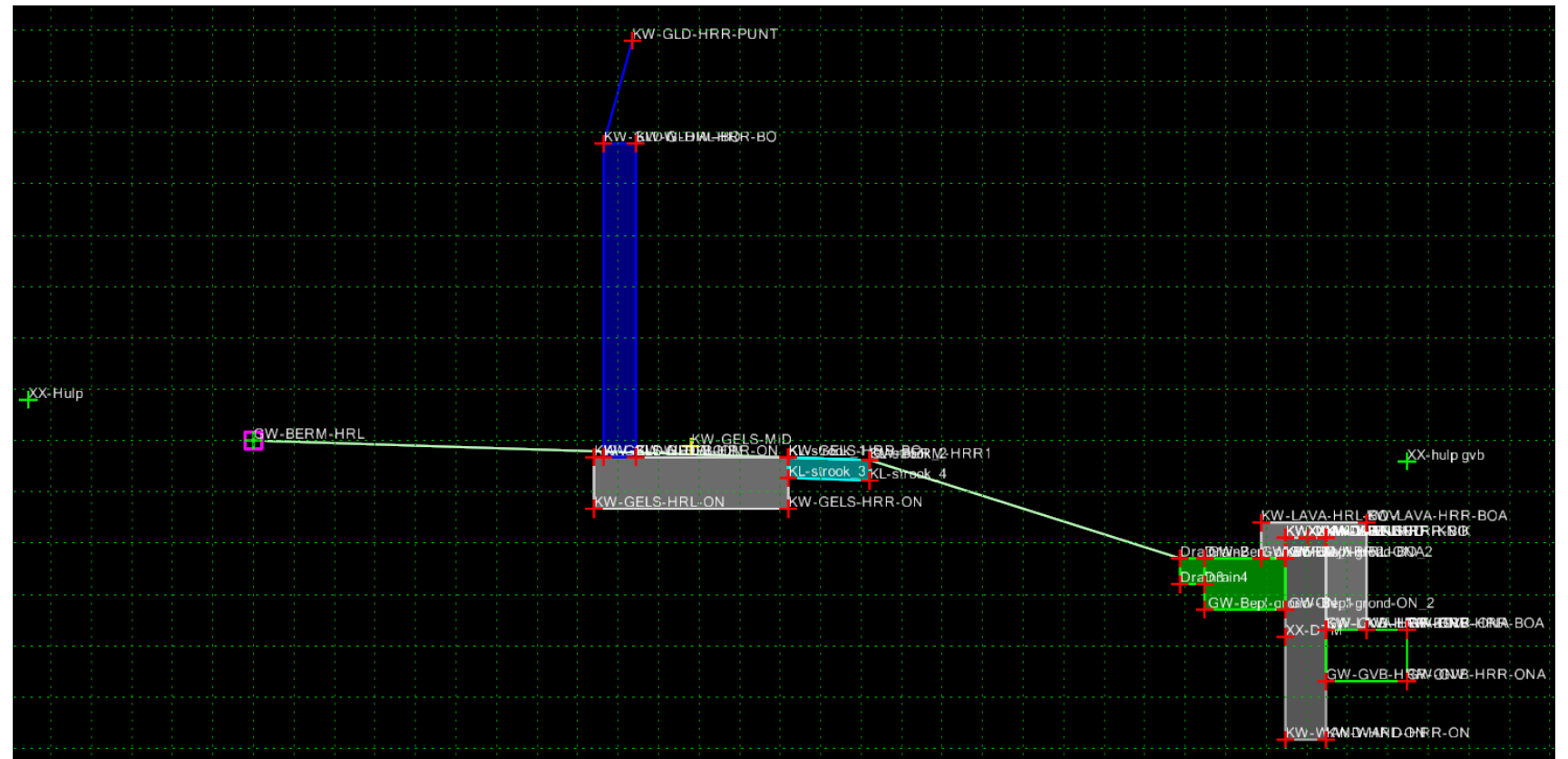


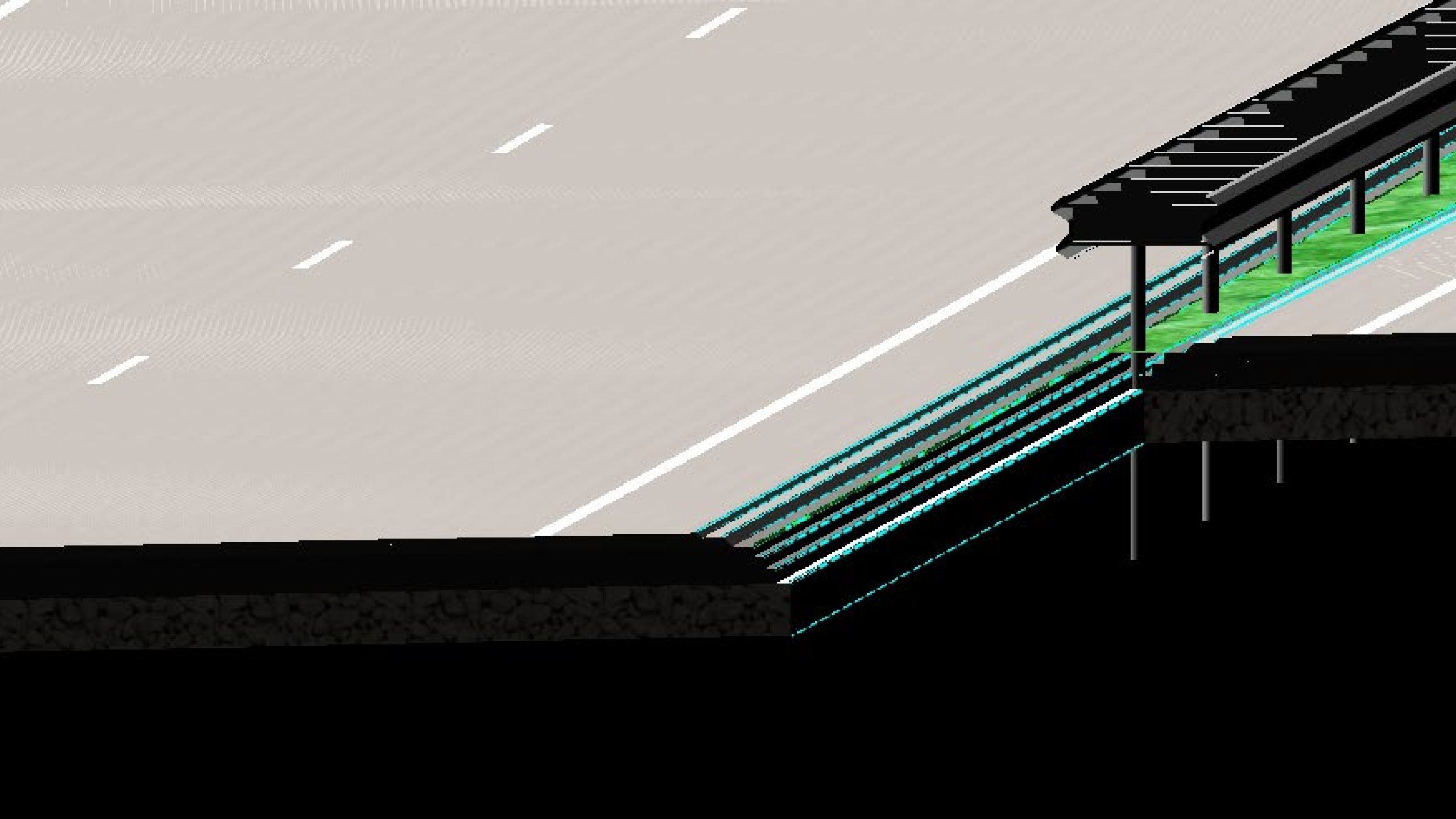
219 Deelgebied: KW008 - KW009, Noordzijde  
Bermdetail t.p.v. geluidsscherm DST2n - 7,00 m hoog (GS105)  
in combinatie met portaal  
219 Sub-area: KW008 - KW009, North side  
Roadside detail with noise barrier DST2 - 7,00 m high (GS105)  
in combination with portal

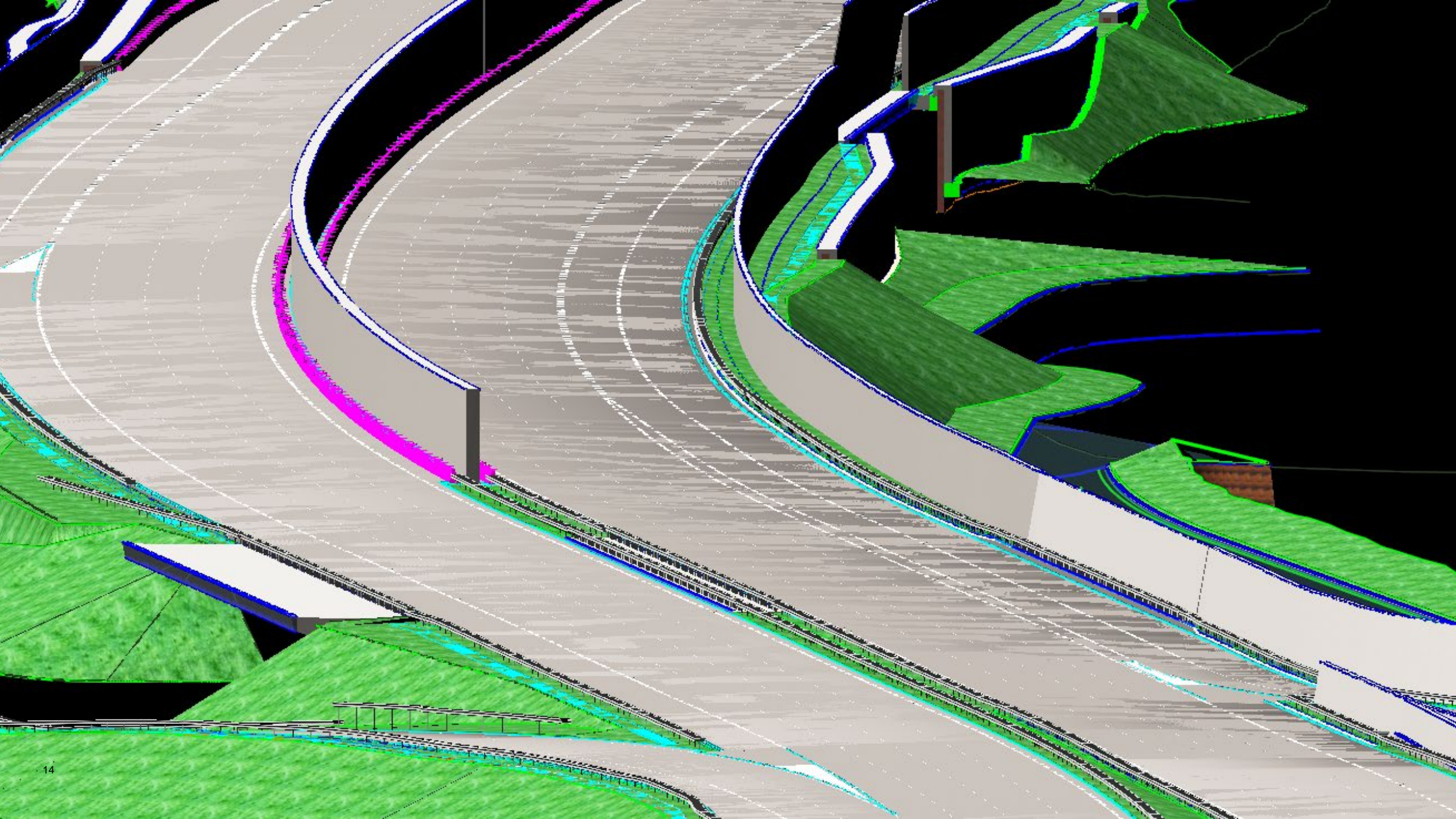


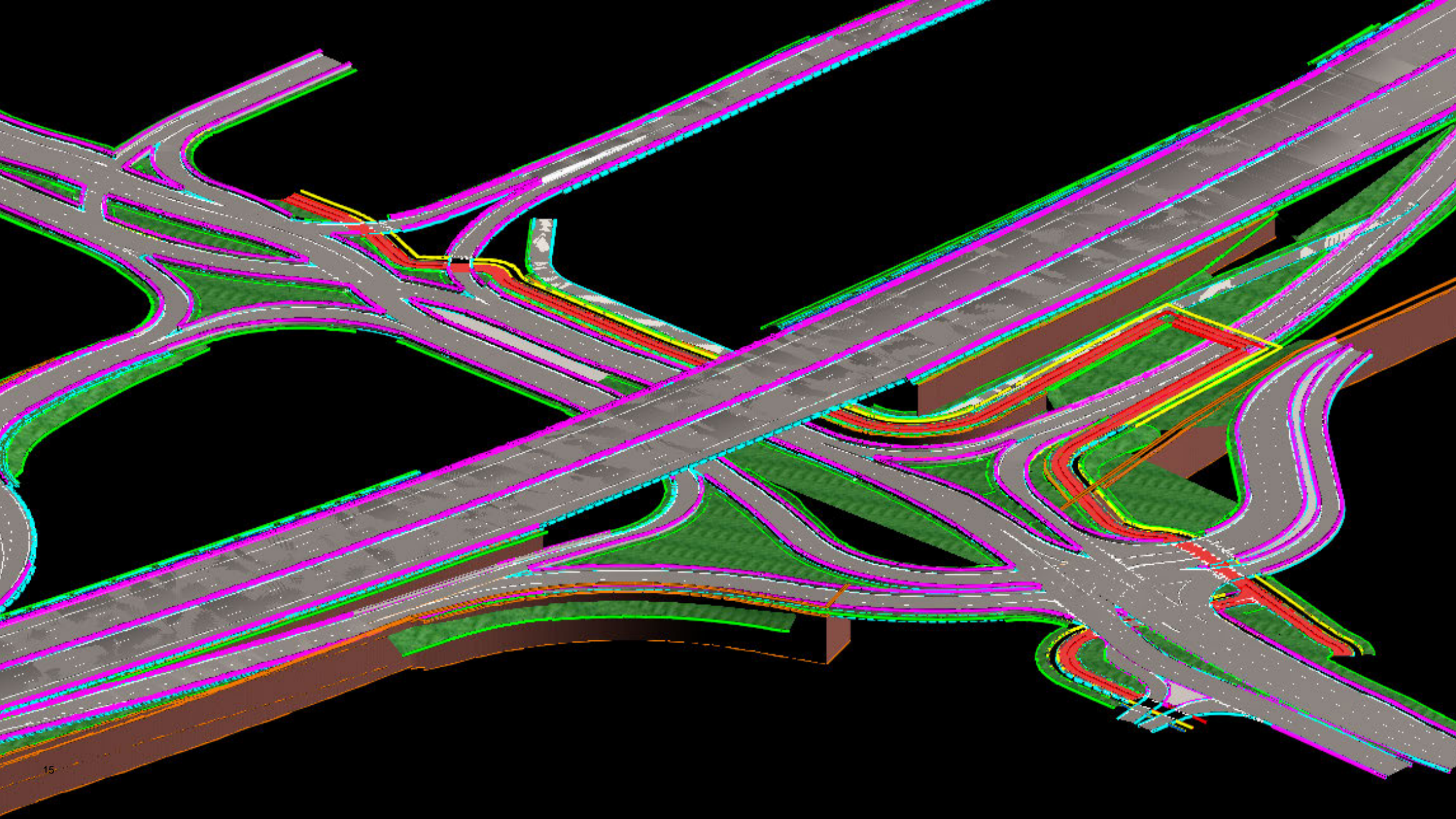
# Templates bermen

- Talud
- Grondkering
- Geluidsscherm
- K&Lstrook
- HWA
- Watergang







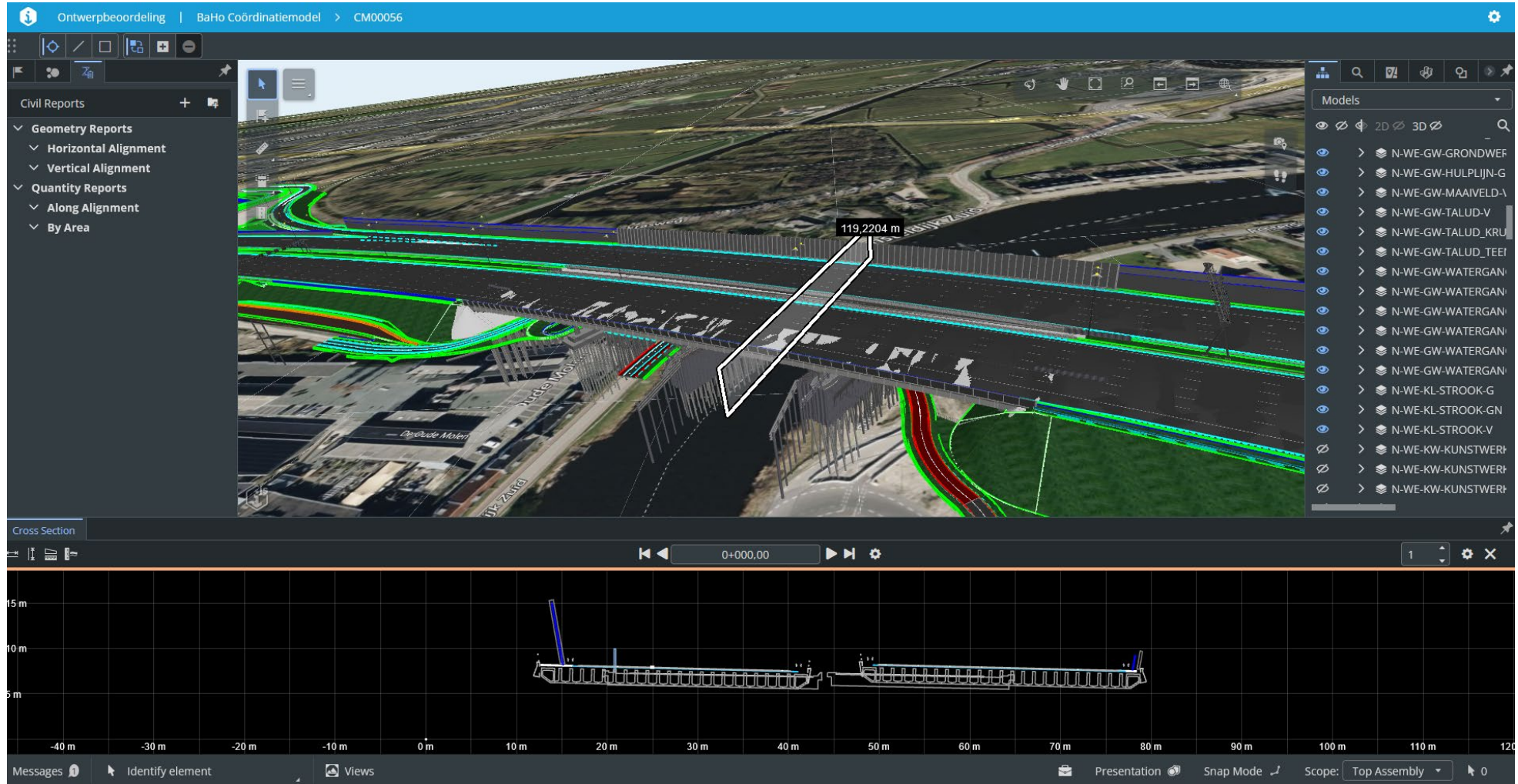






# 3 Integraal ontwerp

# Demo BentleyTwin



# Transforming society together

