

I-39 at US Route 20 Project Overview

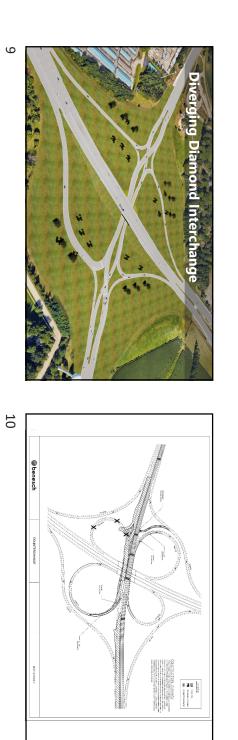
ω

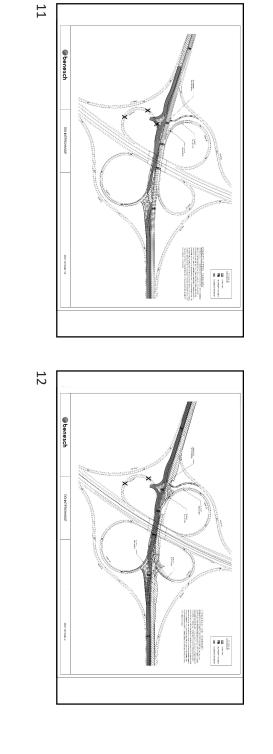


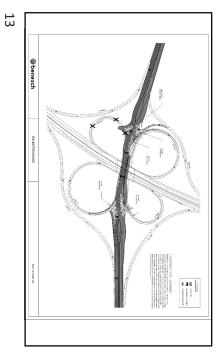


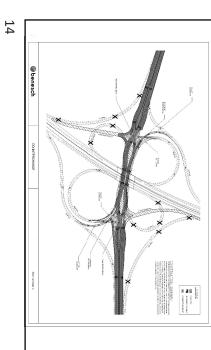






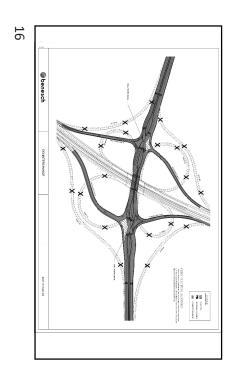


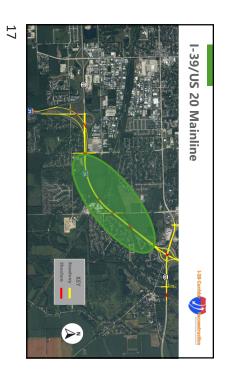


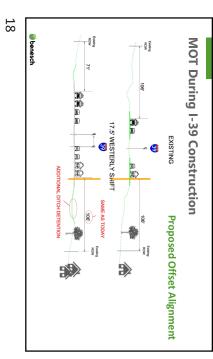


Dennesch (outrestoned)

15







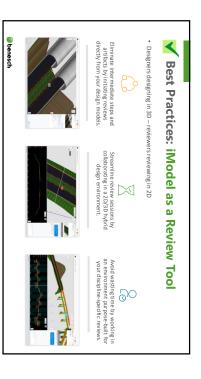
ω



Best Practices Overview SUDA Template and Corridor Management Model Optimization iModel as a Review Tool Sheet Creation and Annotation Ongoing Software Developments Item Types

20

19



21

22

 Files are slow to open. Corridors are slow to process...could be from:
End condition processes that solve at each triangle
Civil rules/Civil cells processing time
Creation of final surfaces are based on the graphical
filters instead of meshes Files are slow to open.....could be from:

Other programs running in the background
Loading individual dgnlibs
Intensive graphics (triangle, contours, mesh) **Best Practices: Model Optimization**

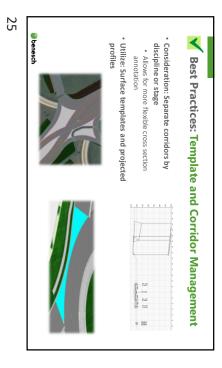
 Separate data storage by dgn files Best Practices: Template and Corridor Management Consideration: Separate corridors by discipline or stage Helps stability (and processing times) Superelevation, corridors, SUDA, geometry.....

 Consideration: Separate corridors by discipline or stage
 Earthwork calculations Best Practices: Template and Corridor Management

One complete roadway corridor/template vs separate

Earthwork calculations

23





Create displays rules to help view the meta data

• Add to feature definitions to auto populate

• Create Pay Item Reports from Corridor Objects

• Bulk editing

• Bury Editing

• Export to Excel

27



Flex Tables

Excel

Plan Schedule

Flex Tables

Flex Tabl



29

30



31

32

** Annotation Development

* Annotation Development

* Improved Item Types

* Pick List

* Expression Building

** Expression

THANK YOU

Train Kluegel
benesch.com
Leftrey Tady
jardy@benesch.com