

An abstract wireframe graphic of a road intersection, rendered in a light gray color. The graphic features a complex network of lines and polygons that form a three-dimensional, flowing structure, resembling a modern architectural design or a stylized road layout. It is positioned at the top of the slide, above a blue banner.

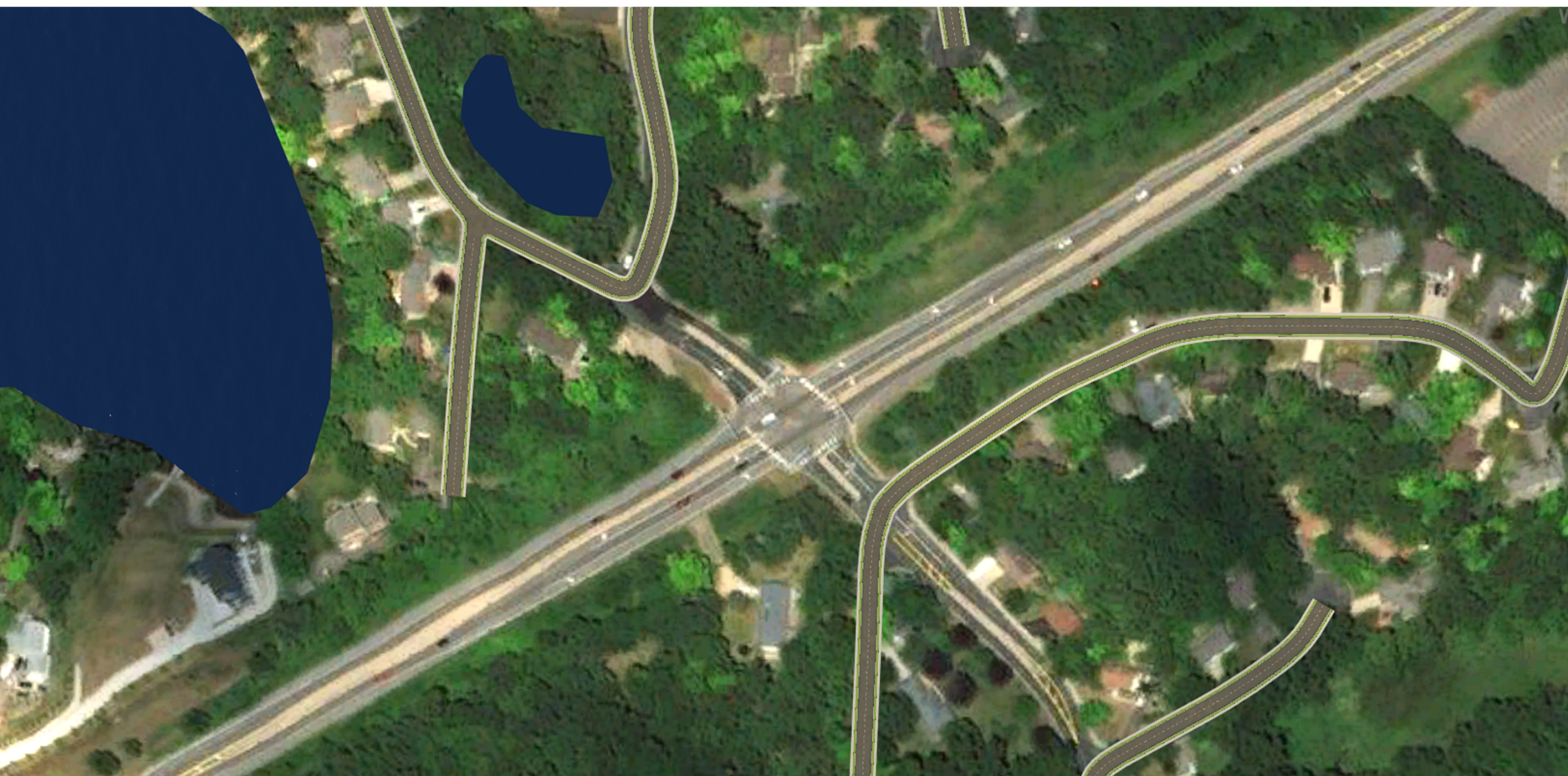
CI124966 – Detailed Design Roads and Intersections with Component Roads

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The Problem

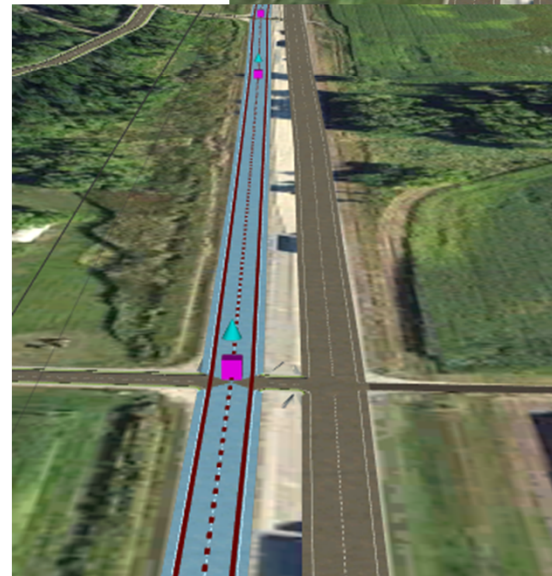
I need my road in Infracore to look more like my design?

The Solution

The Component Road option in Infracore will allow you to add features to your road to make a more realistic representation of your design.

Today's Agenda:

- Creating a Component Road
 - Converting a Sketch or Design Road
 - Starting from scratch
- Edits
 - Inserting new components
 - Editing Width, Slope and Grade
 - Splitting and Replacing components
 - Transitions In and Out

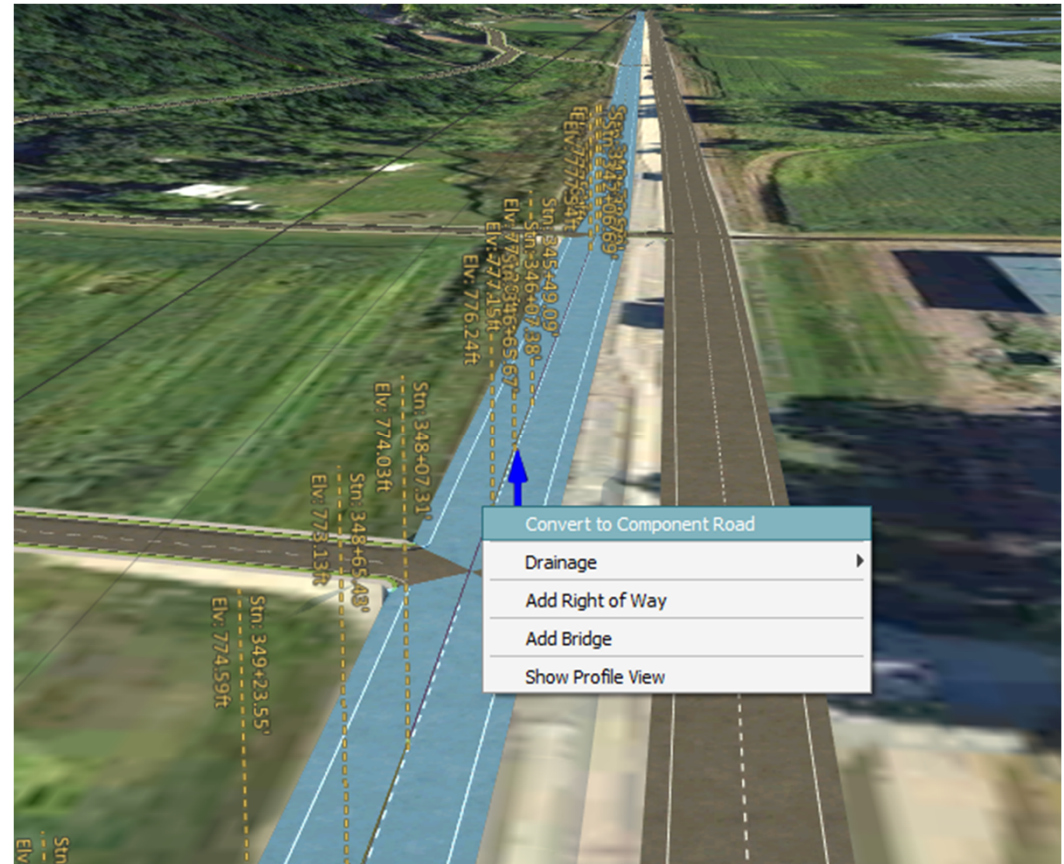
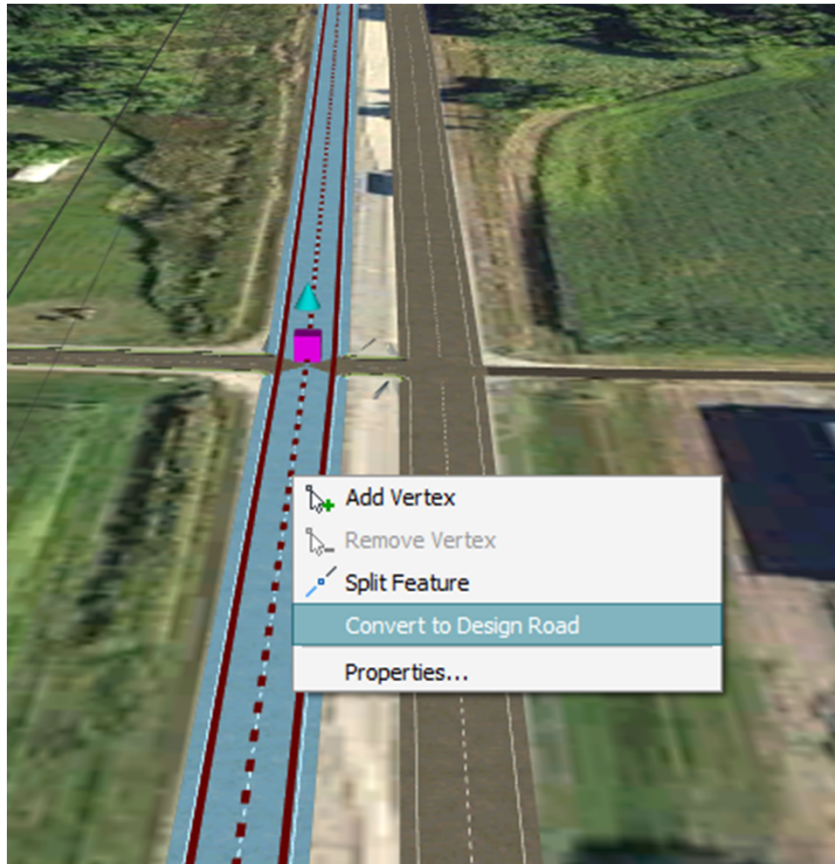


Finally:

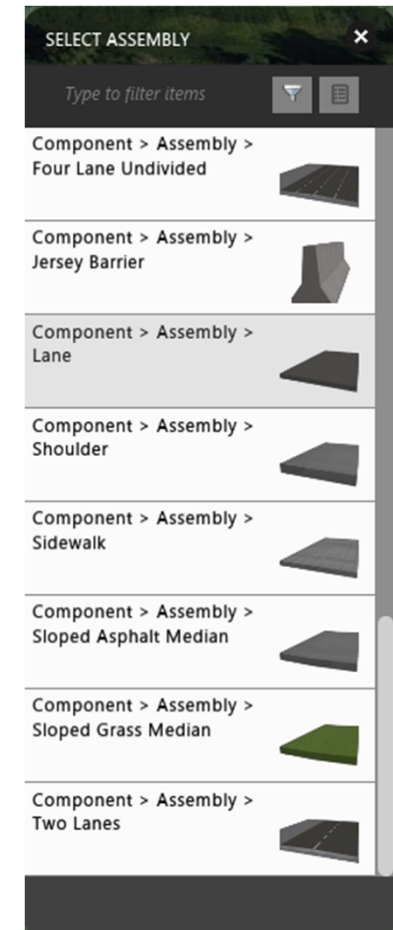
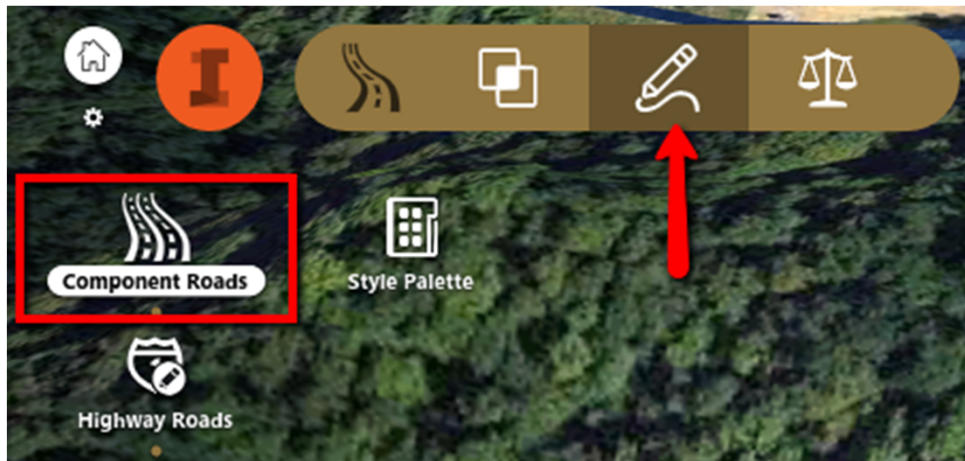
- Putting it all together to build an intersection
 - Split the median
 - Replace the components
 - Create Transition

Let the fun begin

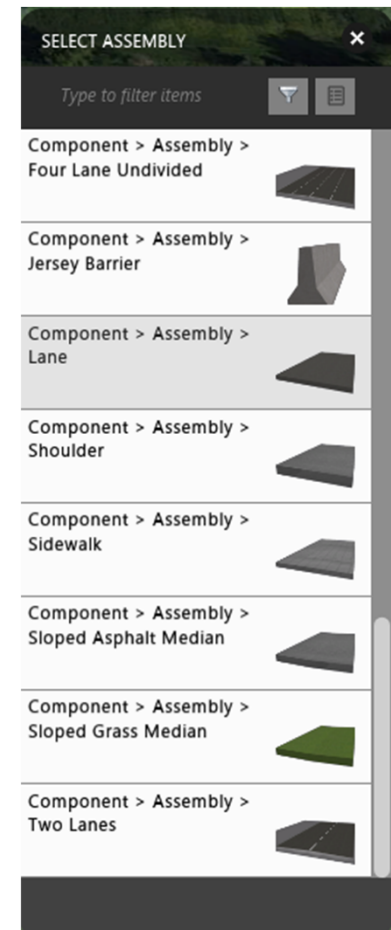
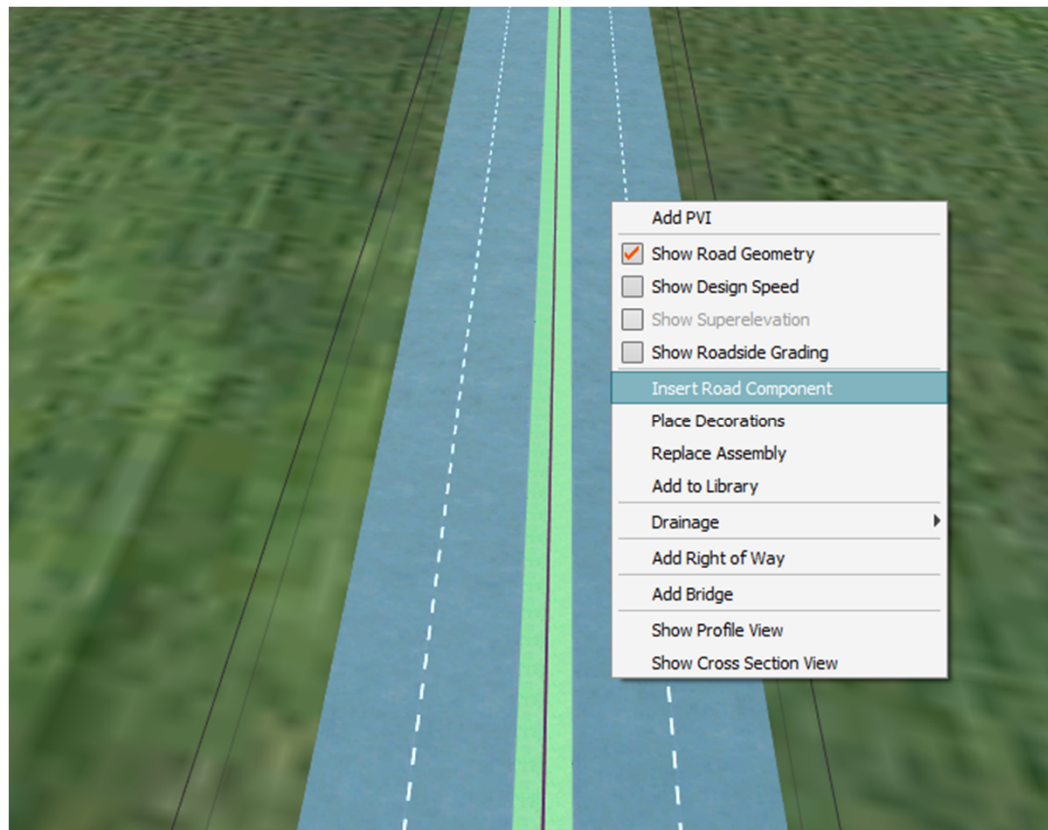
Creation: Existing Roads



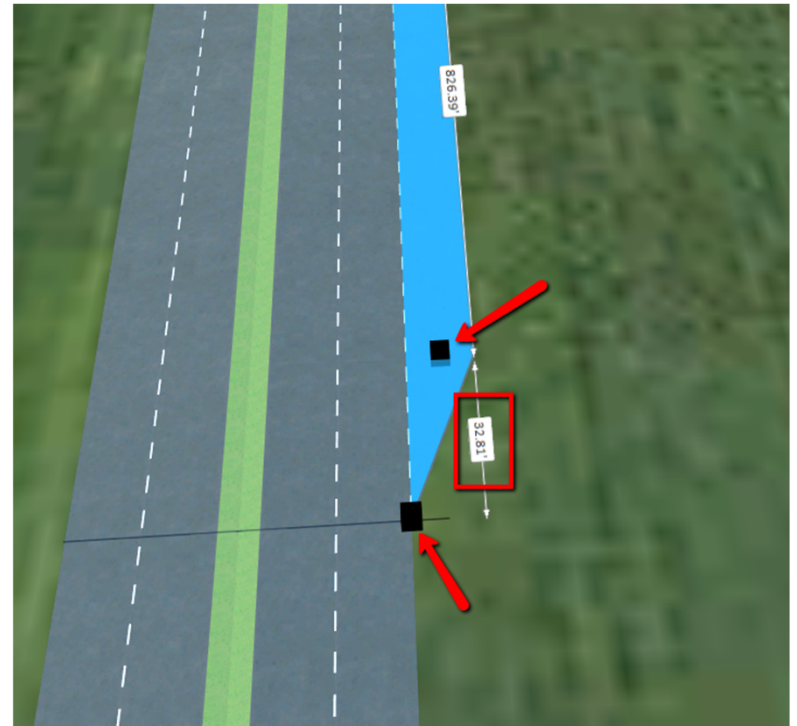
Creation: From Scratch



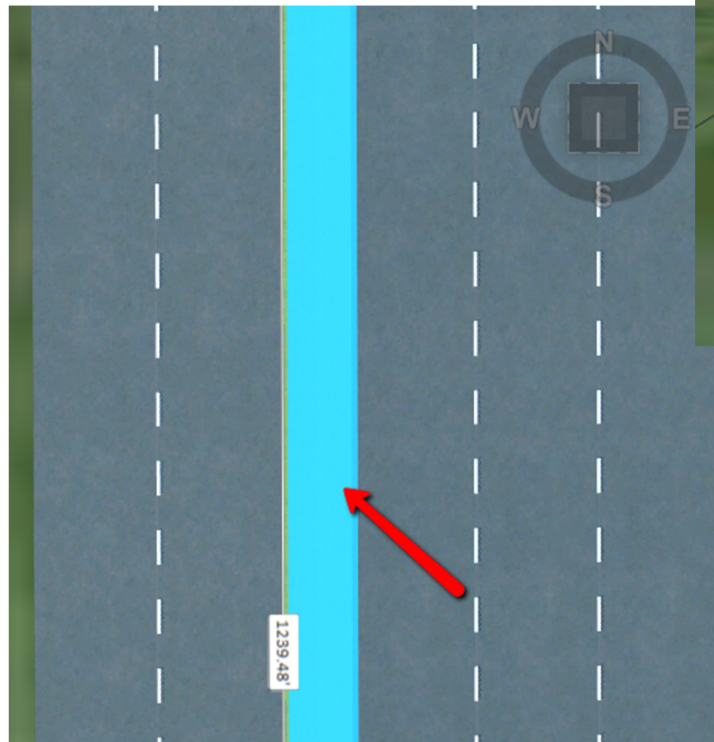
Editing: Insert Component



Editing: Insert Component



Editing: Properties



A 3D perspective view of a road with a blue highlighted centerline area. Two red arrows point to the blue area. The background shows a green field and hills.

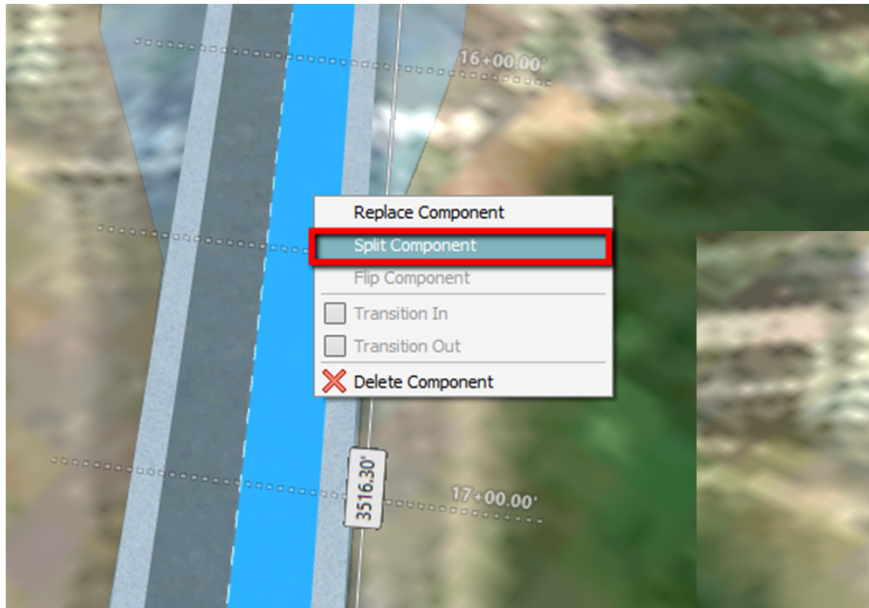
Material/Land Cover/Manicured Grass

Geometry	
Length	1239.48'
Width	6.56'
Depth	0.66'
Slope	-3.0 %
Centerline Attachment	Center

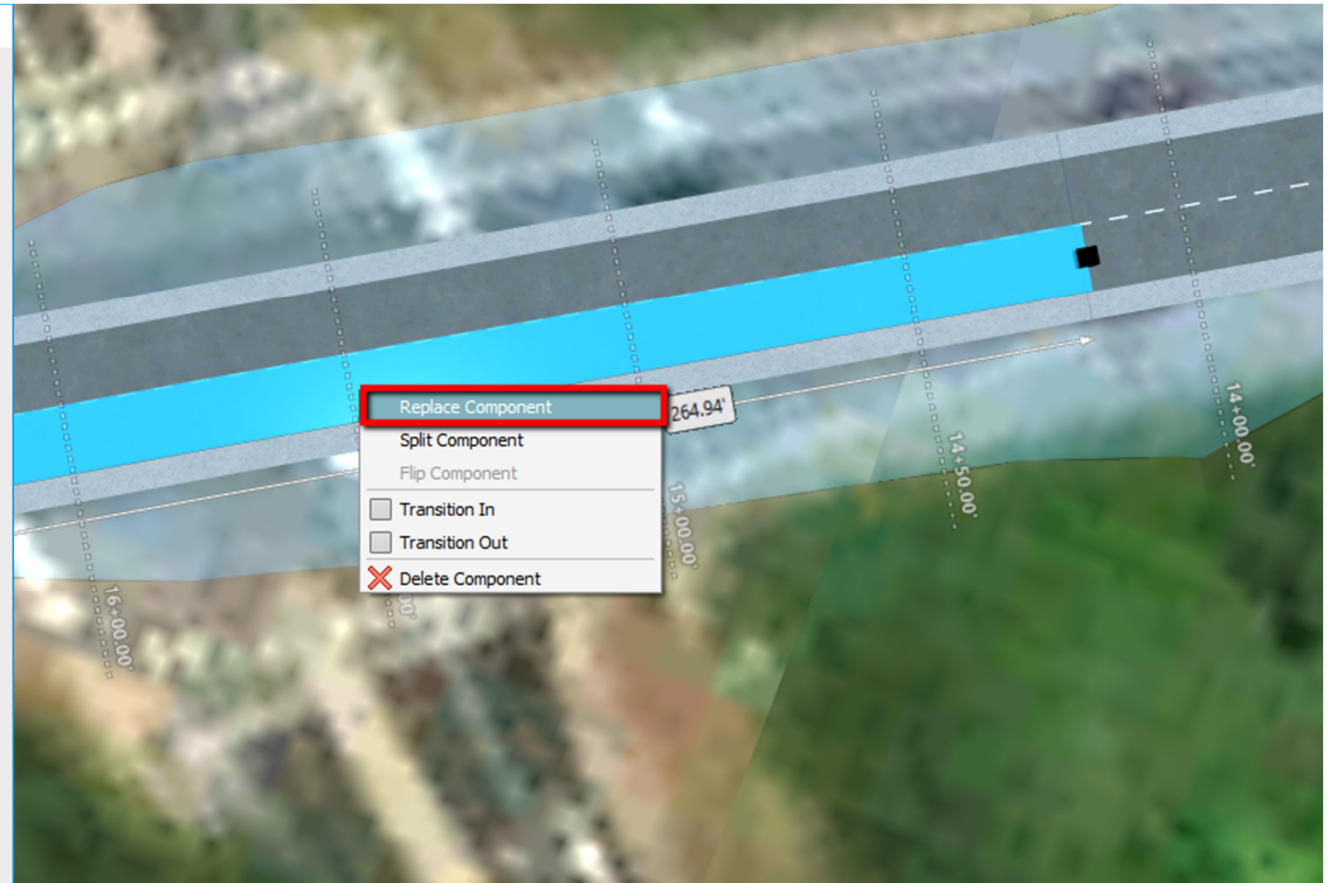
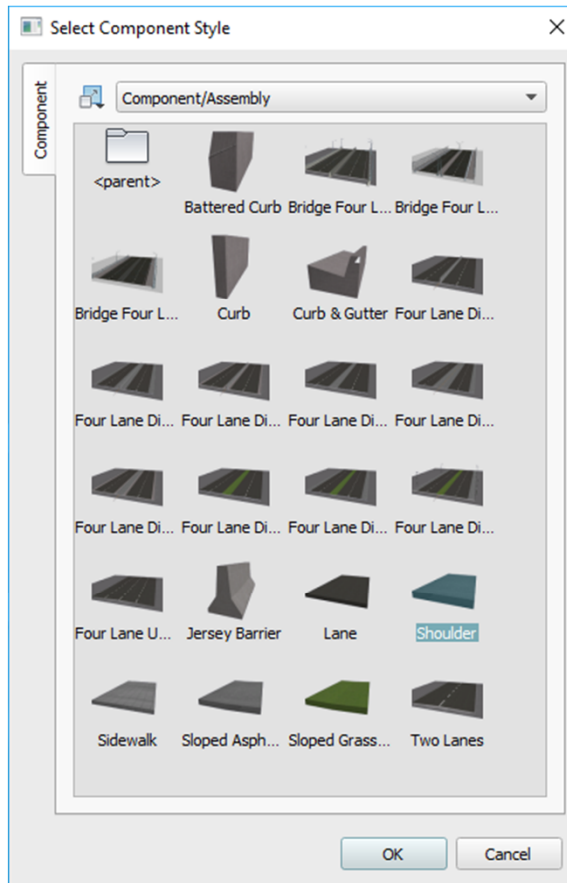
Grading	
Material	None
Grading Method	Fixed Slope
Grading Limit	200.00'
Cut Slope	3.00 : 1
Fill Slope	3.00 : 1

Lifespan	
Advanced	
Tag	
User Data	
Tooltip	
Link	

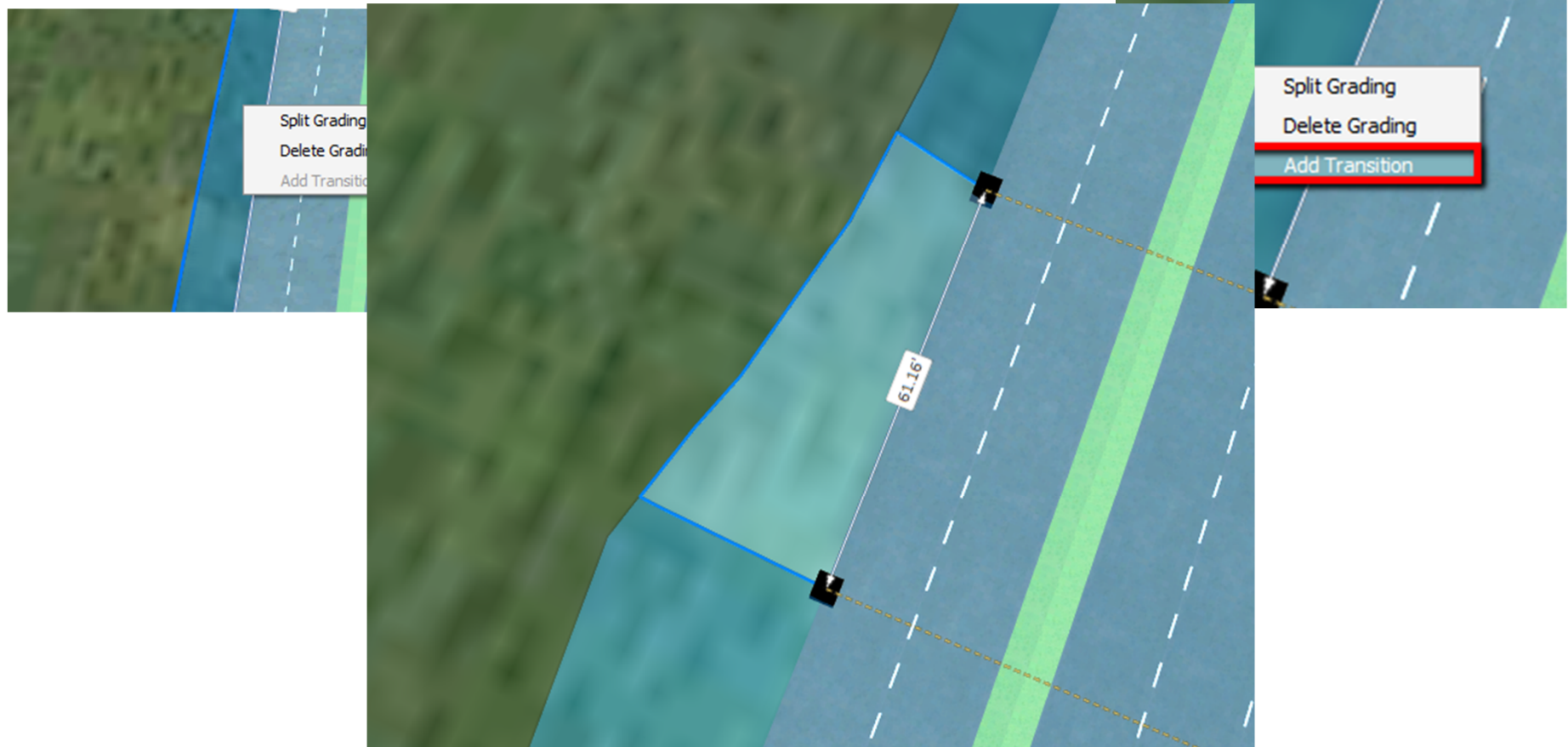
Editing: Split Component



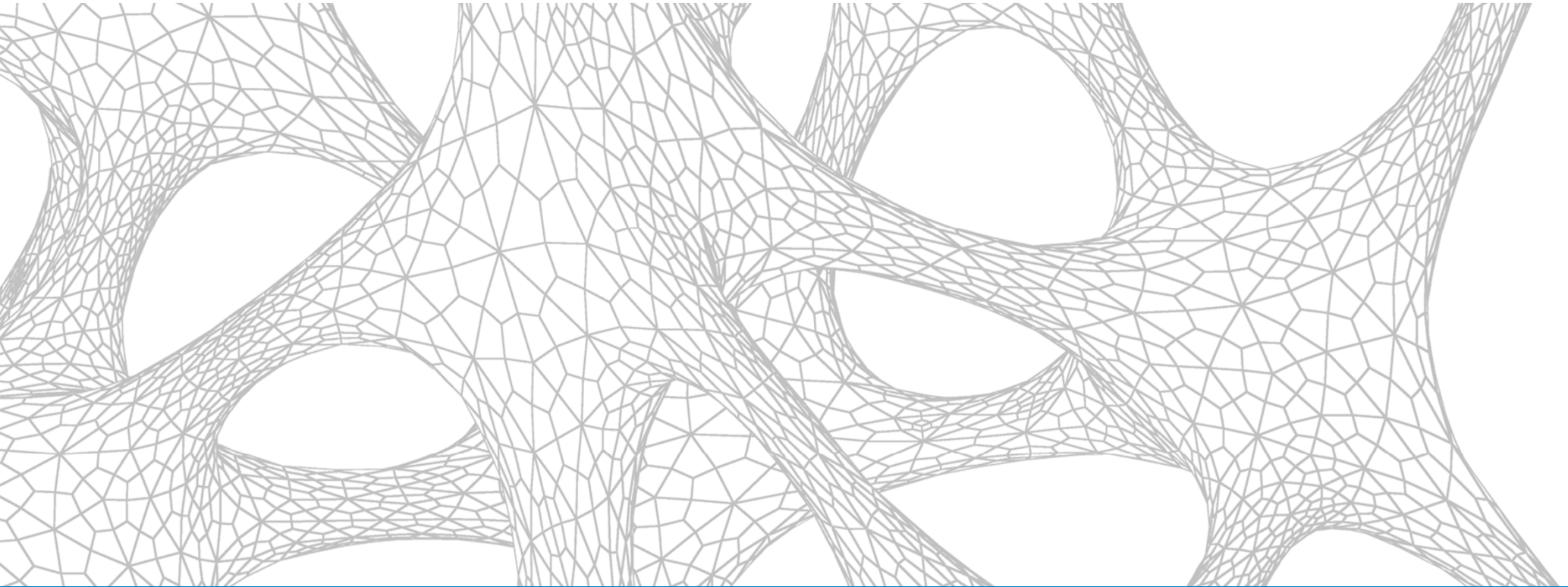
Editing: Replace Component



Editing: Transition



Inside the software



Section break

Conclusions

- You can create a Component Road from scratch or convert a design road, but not directly from a road from model builder
- You can insert additional components
- Editing the components
 - Width and Slope

(No longer does your road look like it was made in Minecraft)

- Split the component
- Transition length

Thank You

Don't forget to fill out your Surveys



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