## Civil 3D to 3DS Max Using Civil View for Compelling Civil Construction Sequences

Jenna Kubiak and Patrick Rice

Skanska USA Civil VDC





### About the speaker

### Jenna Kubiak

As an engineer with the Skanska USA Civil VDC team for the past two years, Jenna has utilized a wide range of Autodesk software to perform constructability reviews, quantity takeoffs and create compelling construction sequences for Heavy Civil pursuits. She has worked on jobs ranging from \$40 million to \$400 million across the US, including the General Dynamics Electric Boat's South Yard Assembly Building, Chelsea Viaduct, and Hunt's Point Interstate Access Improvement projects.



### About the Co-Speaker

### Patrick Rice

With over 10 years in the AEC industry and 6 years with Skanska USA Civil, Patrick is a VDC Manager of a team of 10 VDC Engineers and Coordinators. At Skanska USA Civil, Patrick and the VDC team use multiple Autodesk software and push them to their limit to help win Heavy Civil pursuits across the United States. Patrick has worked on projects such as the \$4 Billion LaGuardia Redevelopment Project, Kosciuszko Bridge Project, Chelsea Viaduct Project and numerous Civil pursuits around the United States.

### Skanska USA

3 business units

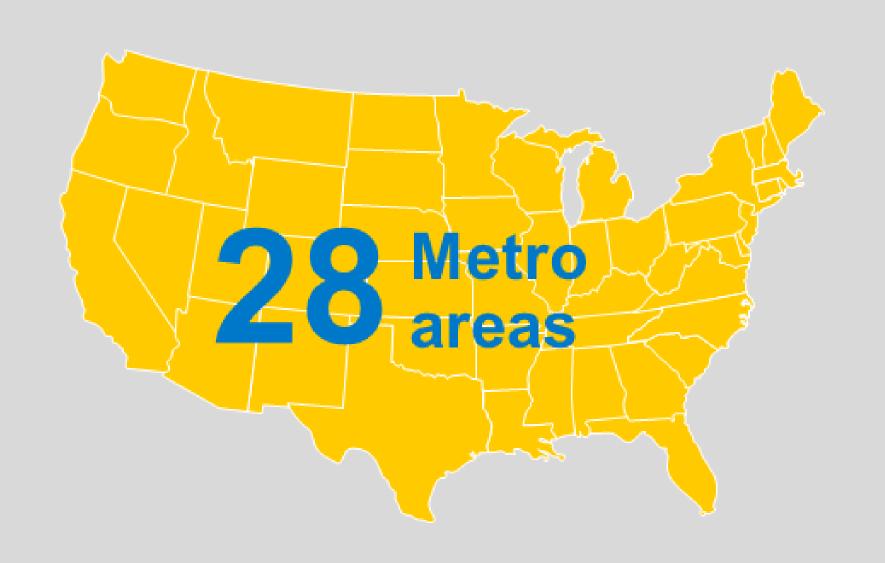










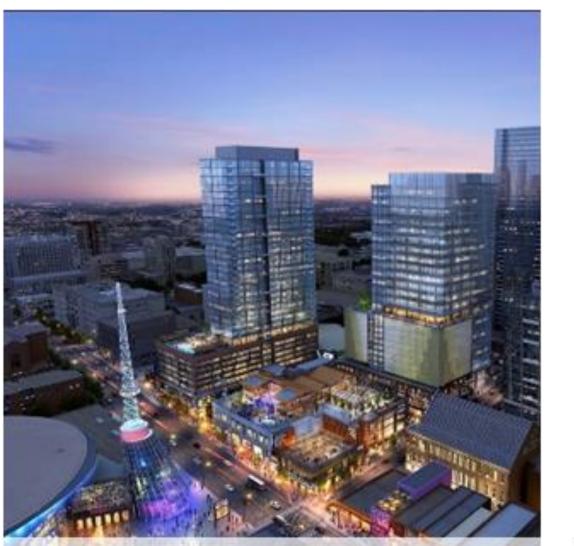


\$8.1B (1) in 2018 revenue

### Notable Projects



LaGuardia Airport Terminal B Redevelopment, New York, NY



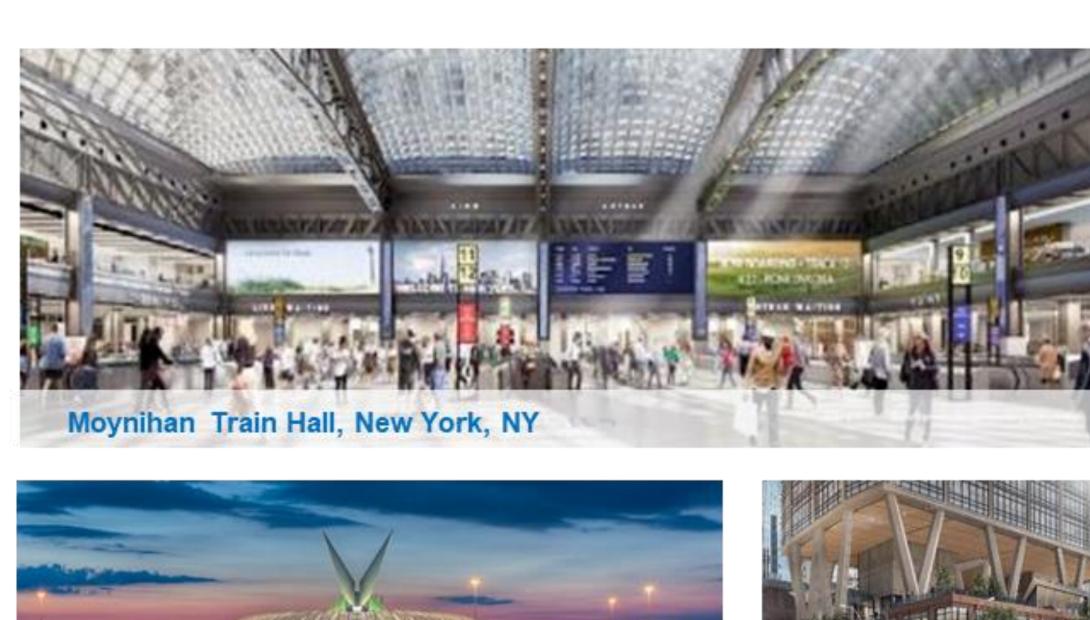
Fifth and Broadway, Nashville, TN







The Westside Subway, Los Angeles, CA





Florida Polytechnic University, Lakeland, FL

Concourse E Extension, Portland, OR



2+U, Seattle, WA

# Quick Survey

## How many people are familiar with roadway design in Civil 3D?

## How many people have worked with 3DS Max Design?

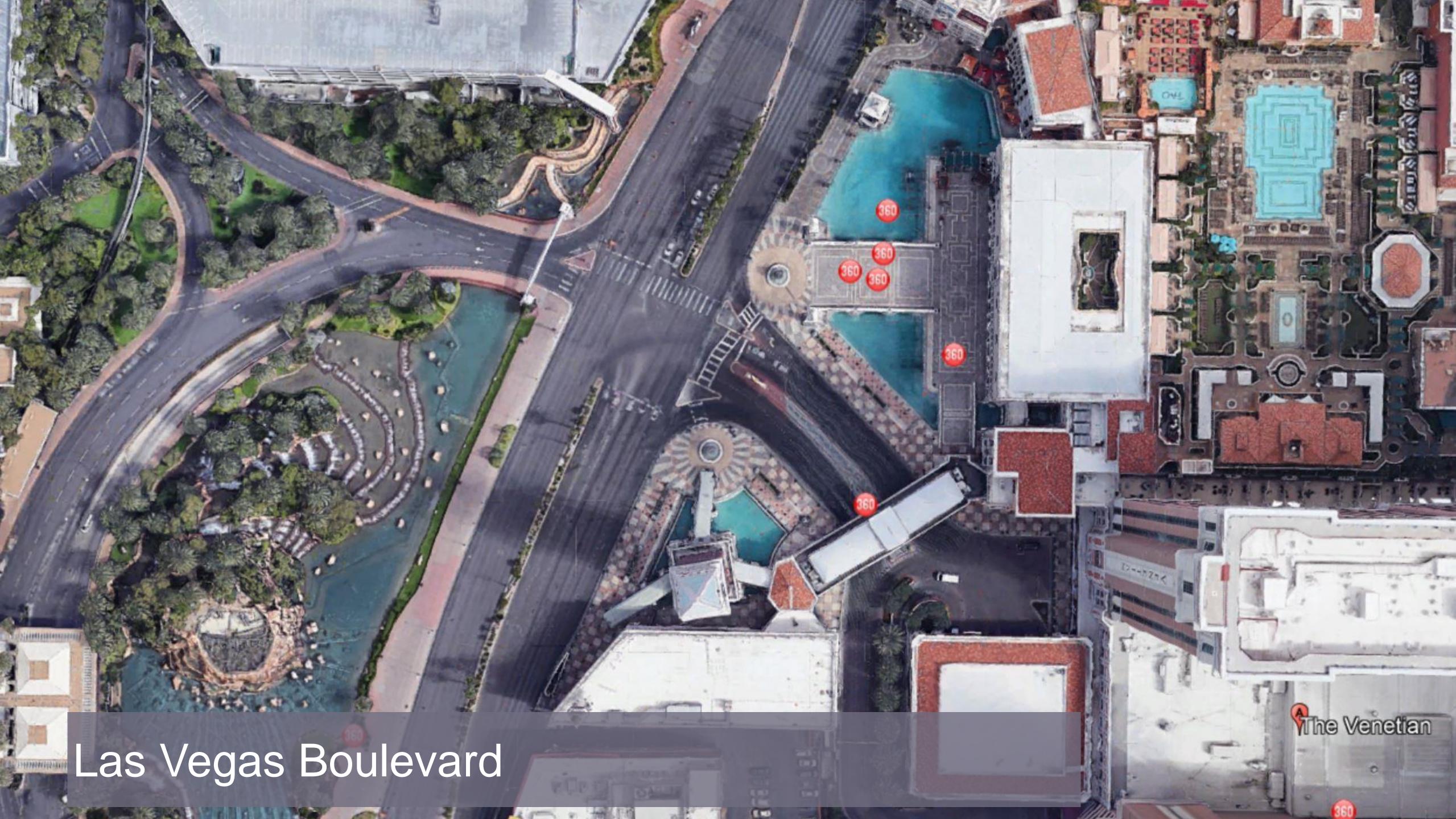
# How many people have imported corridors and other Civil 3D elements into 3DS max?

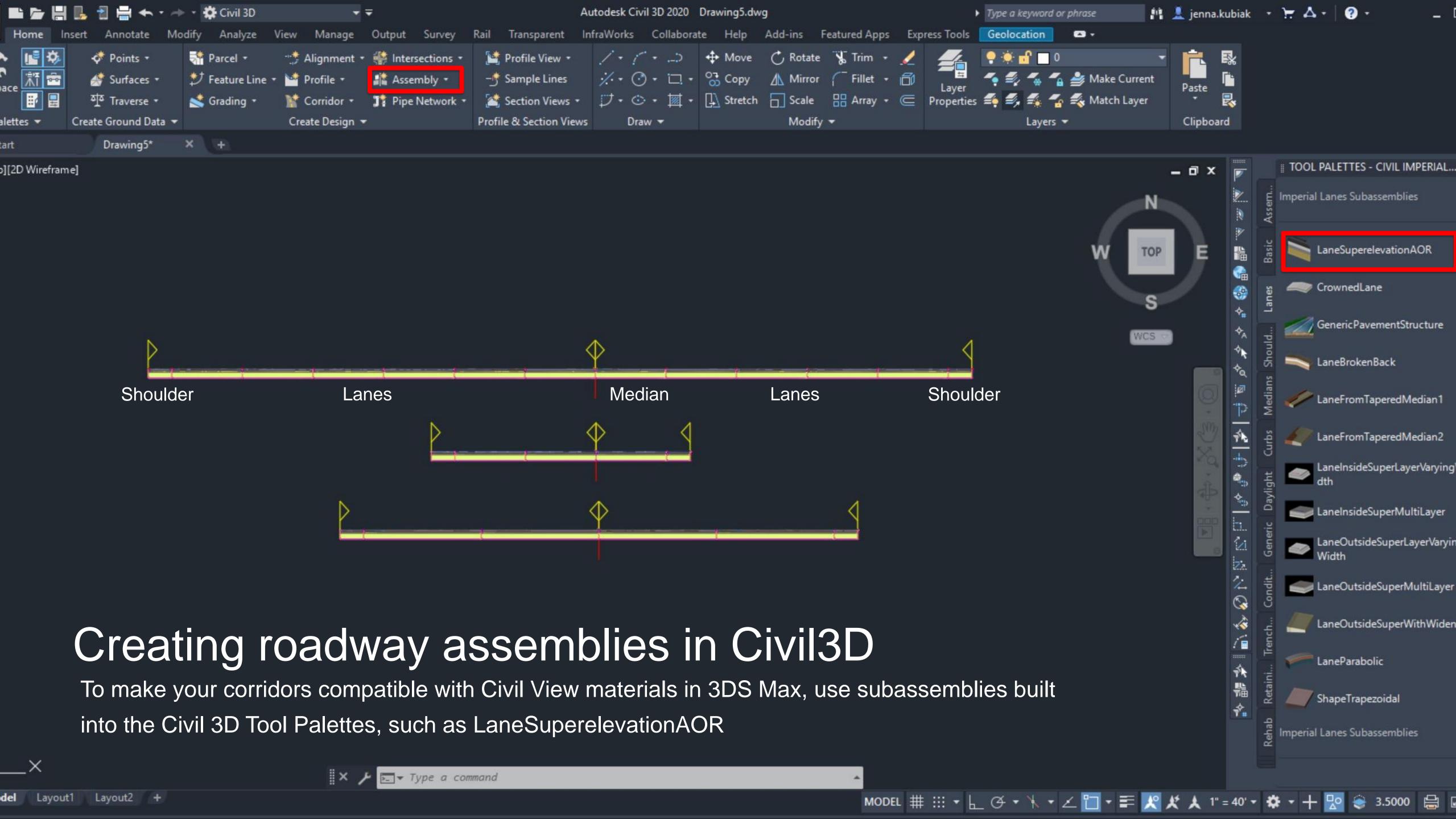
### Agenda

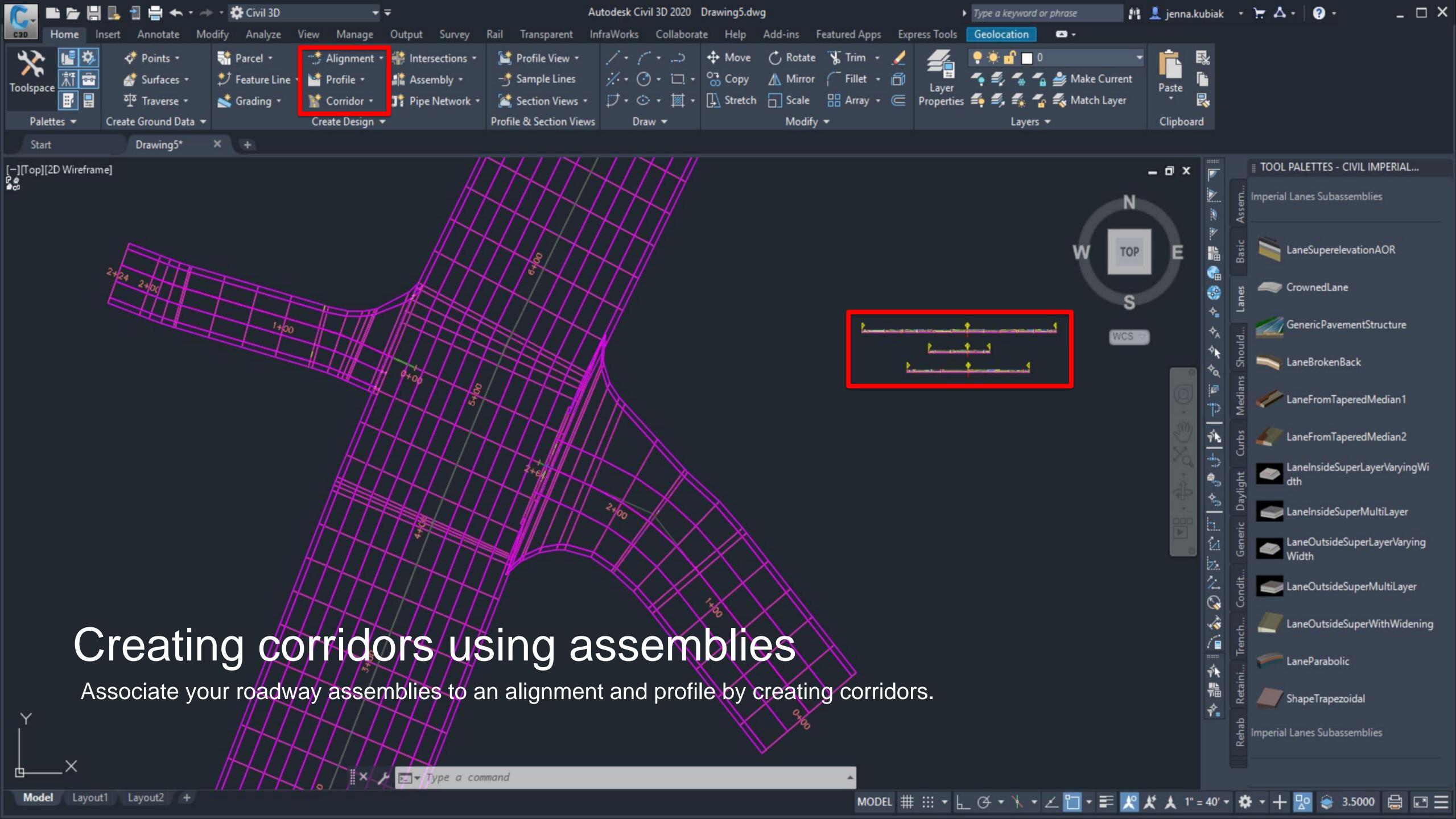
Our goal today is to demonstrate how you can transform a simple corridor in Civil 3D into a detailed and compelling roadway visualization with 3DS Max.

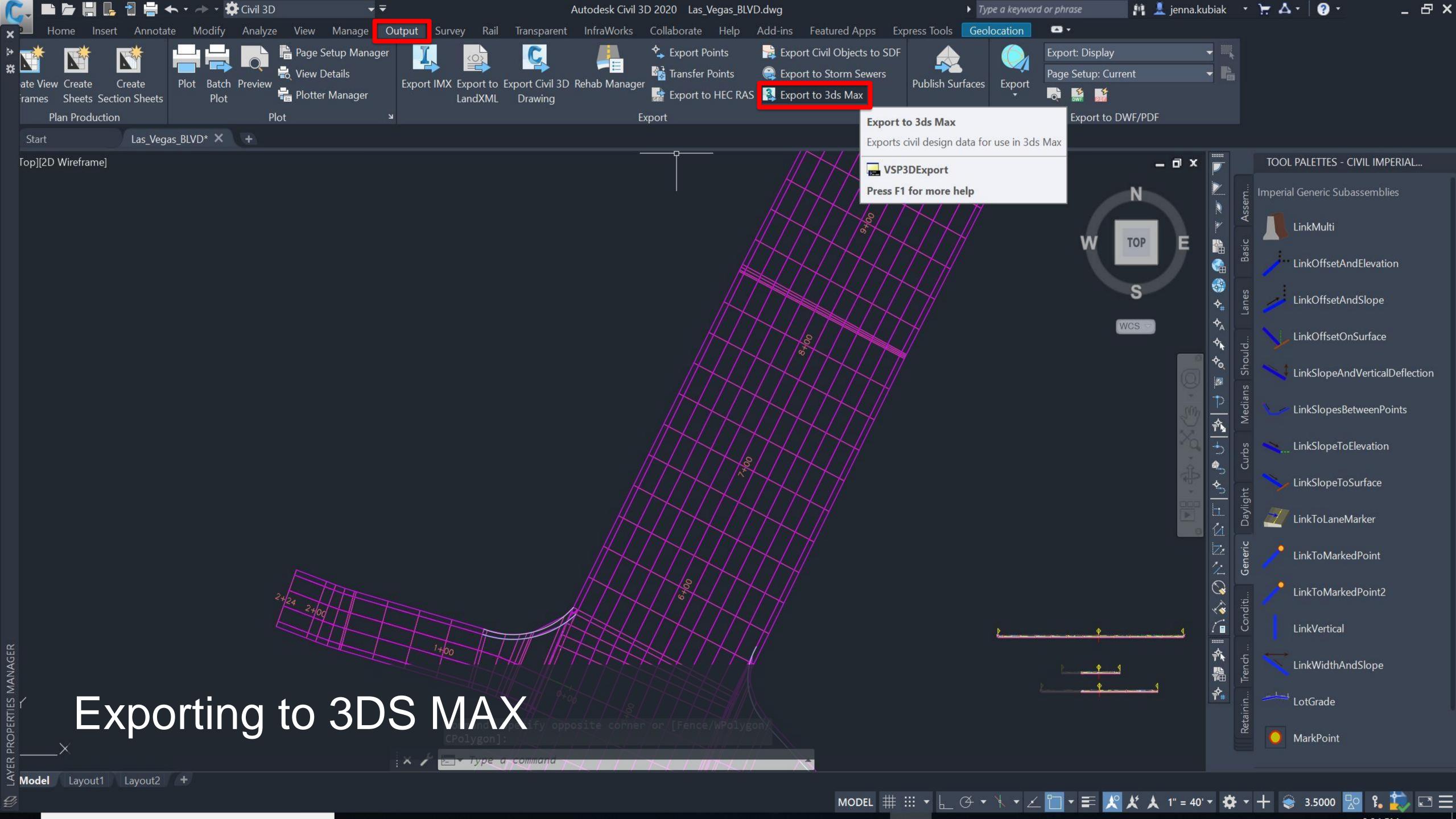
- Corridor modelling in Civil 3D
- Exporting to 3DS Max
- Importing roadways with Civil View for 3DS Max
- Applying line striping
- Adding cars
- Modifying roadway materials
- Creating key frames
- Civil View roadway decorations
- Rendering a sequence

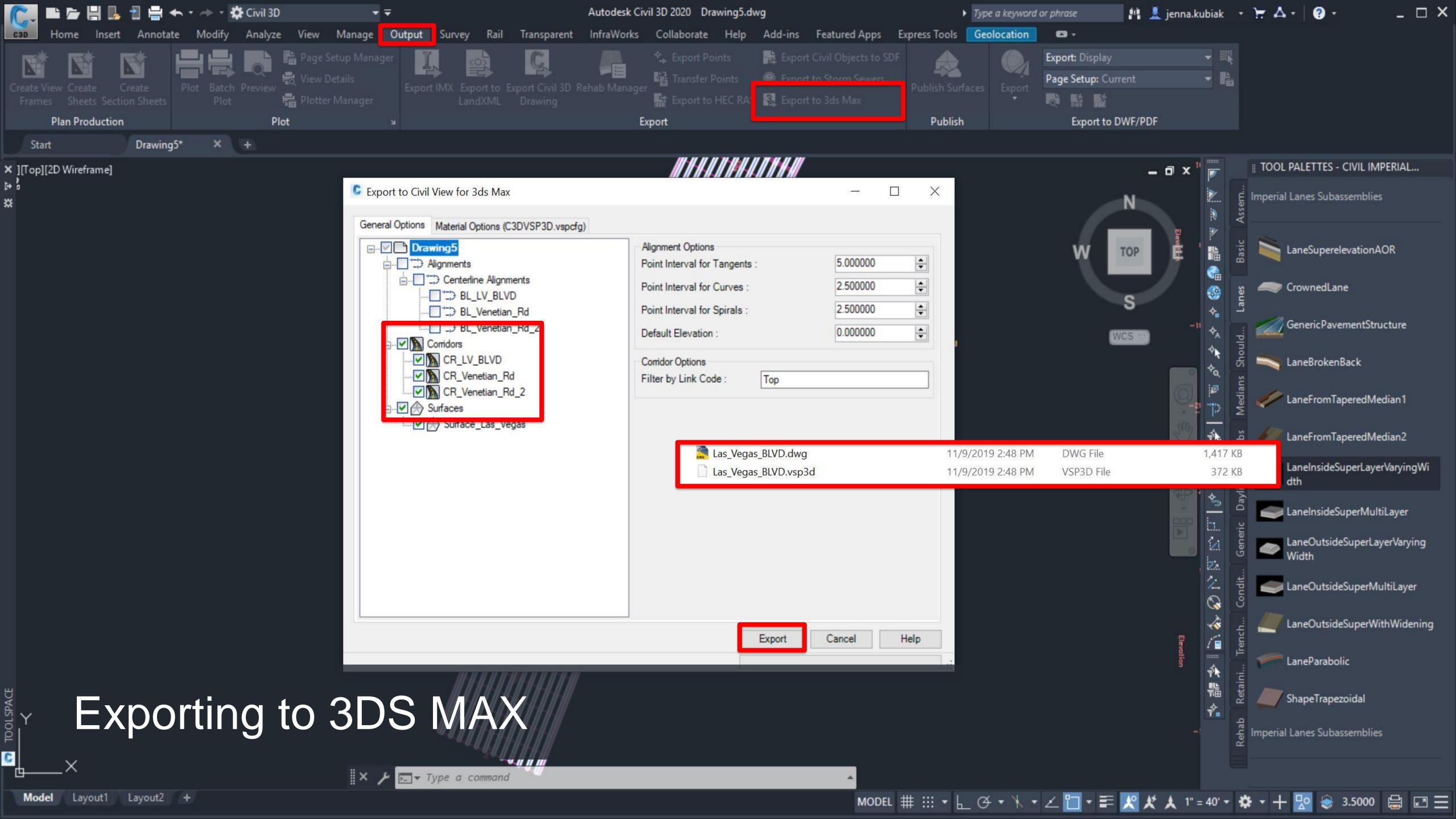


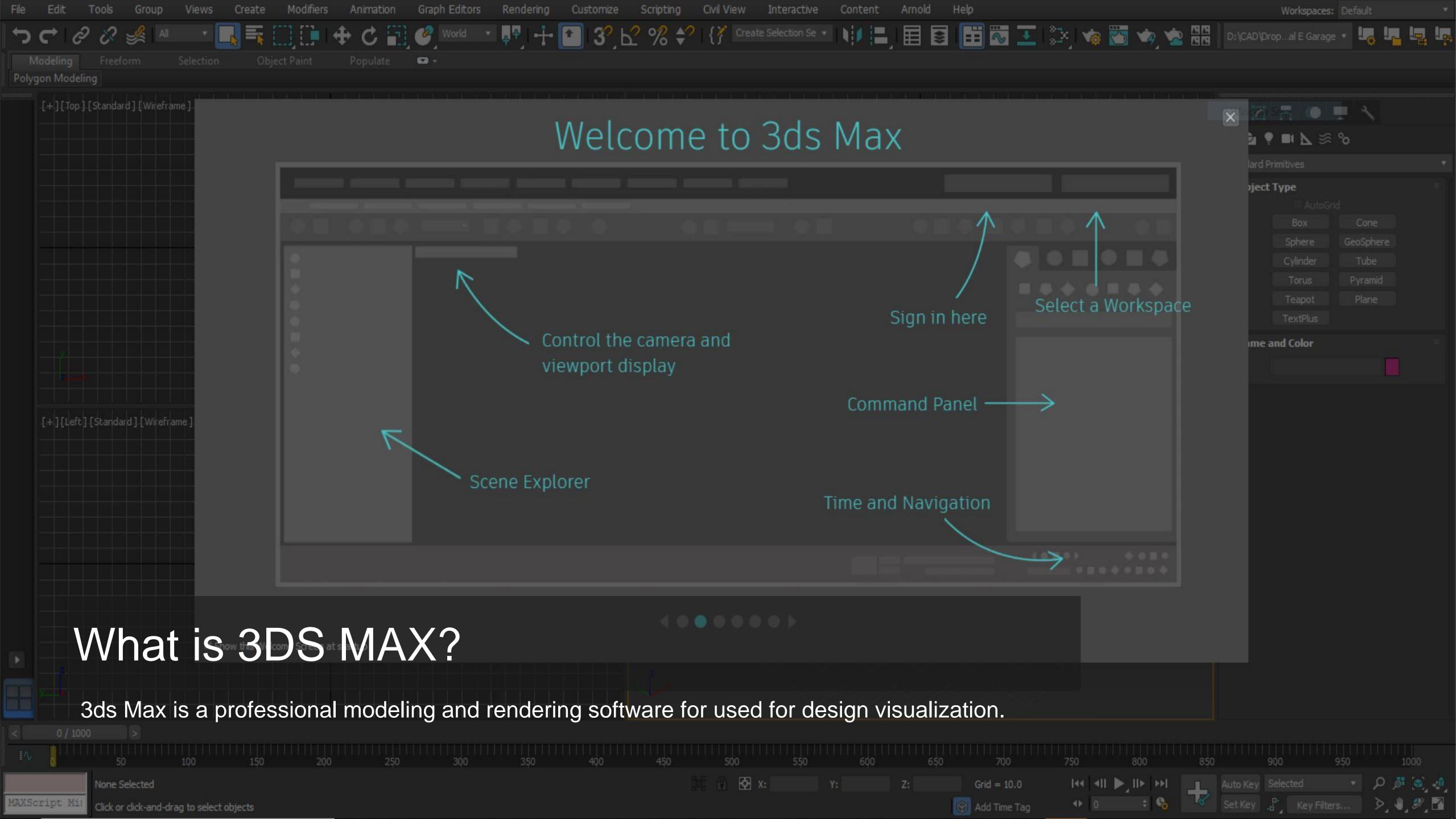


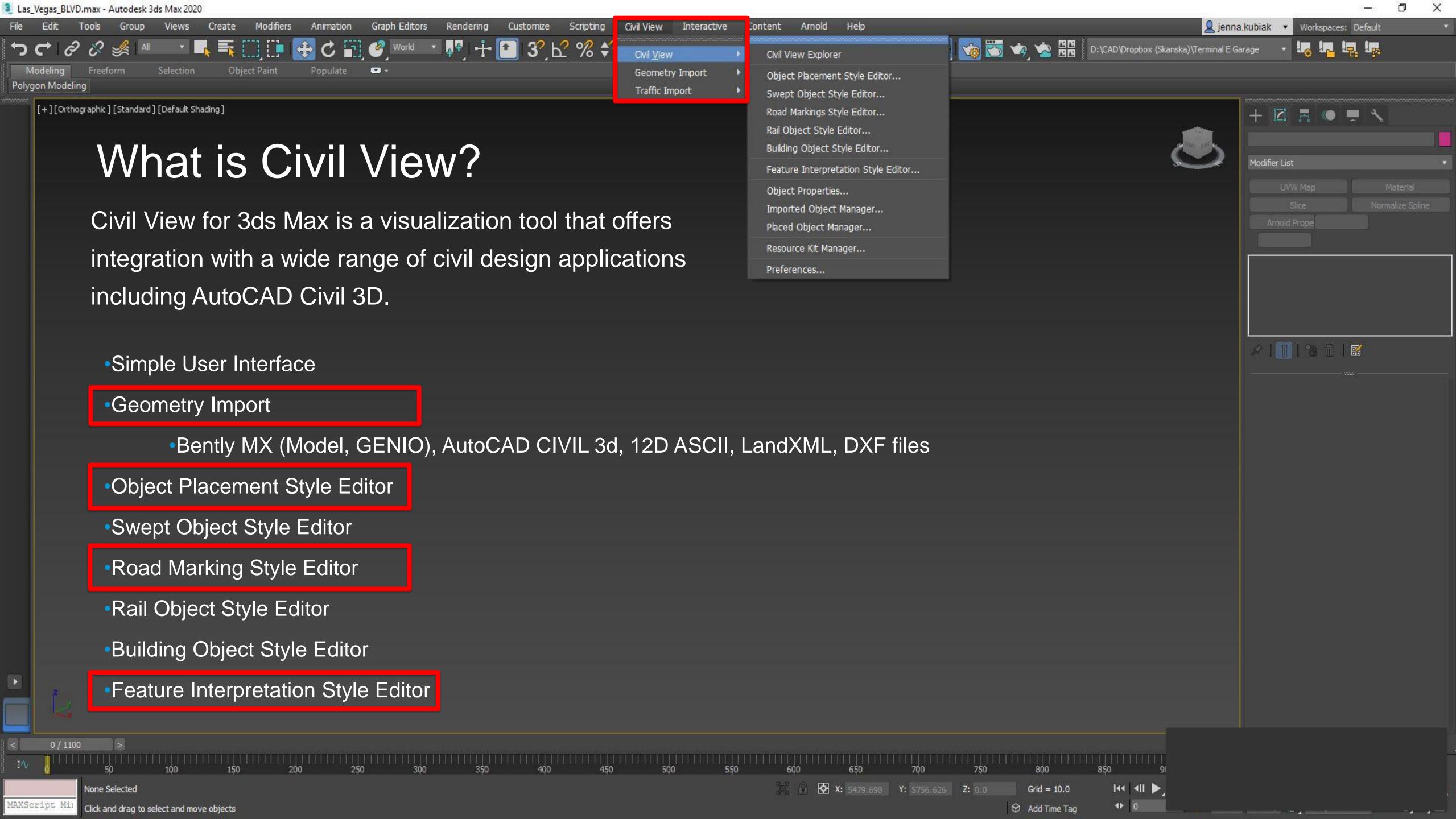


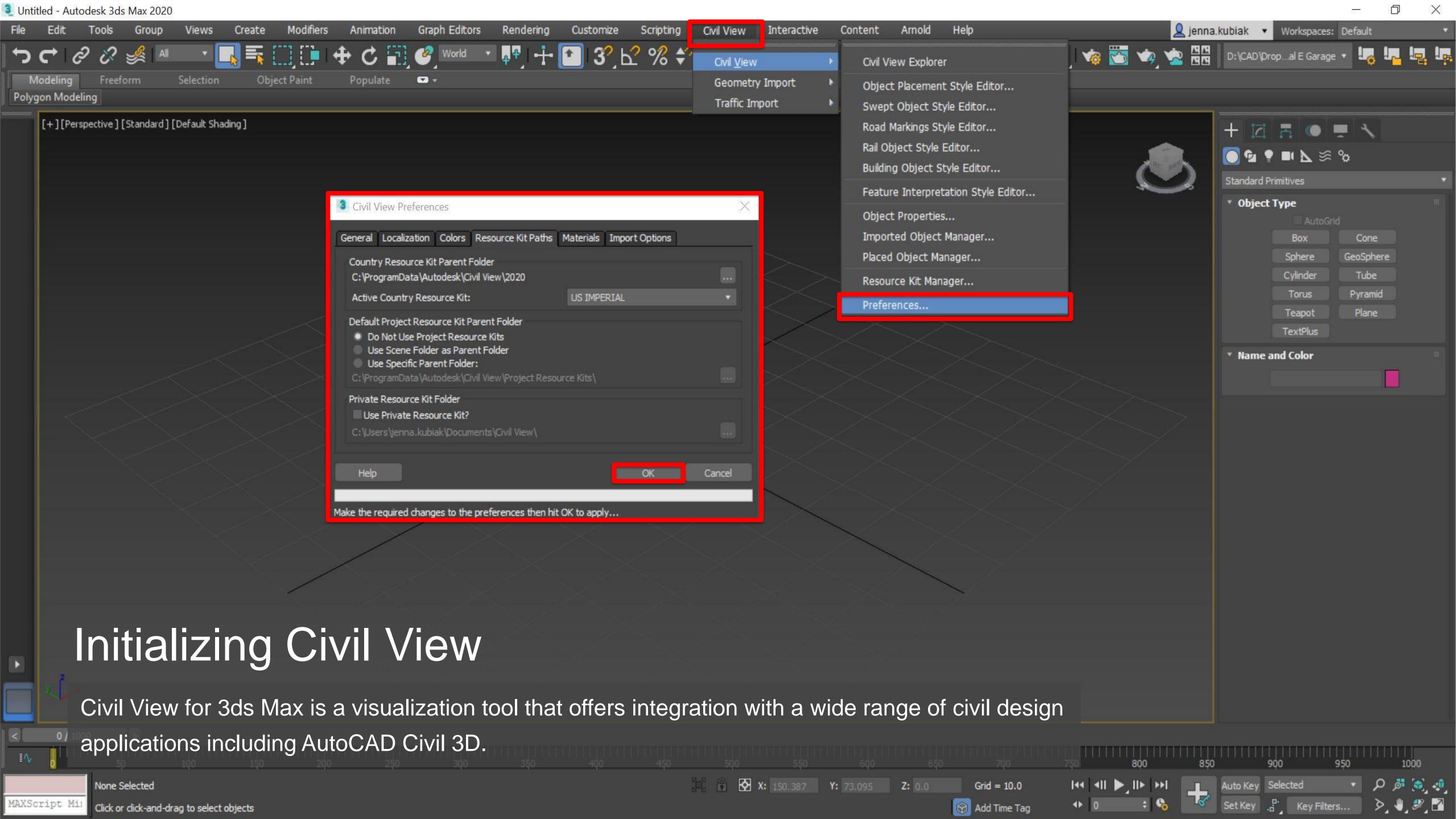


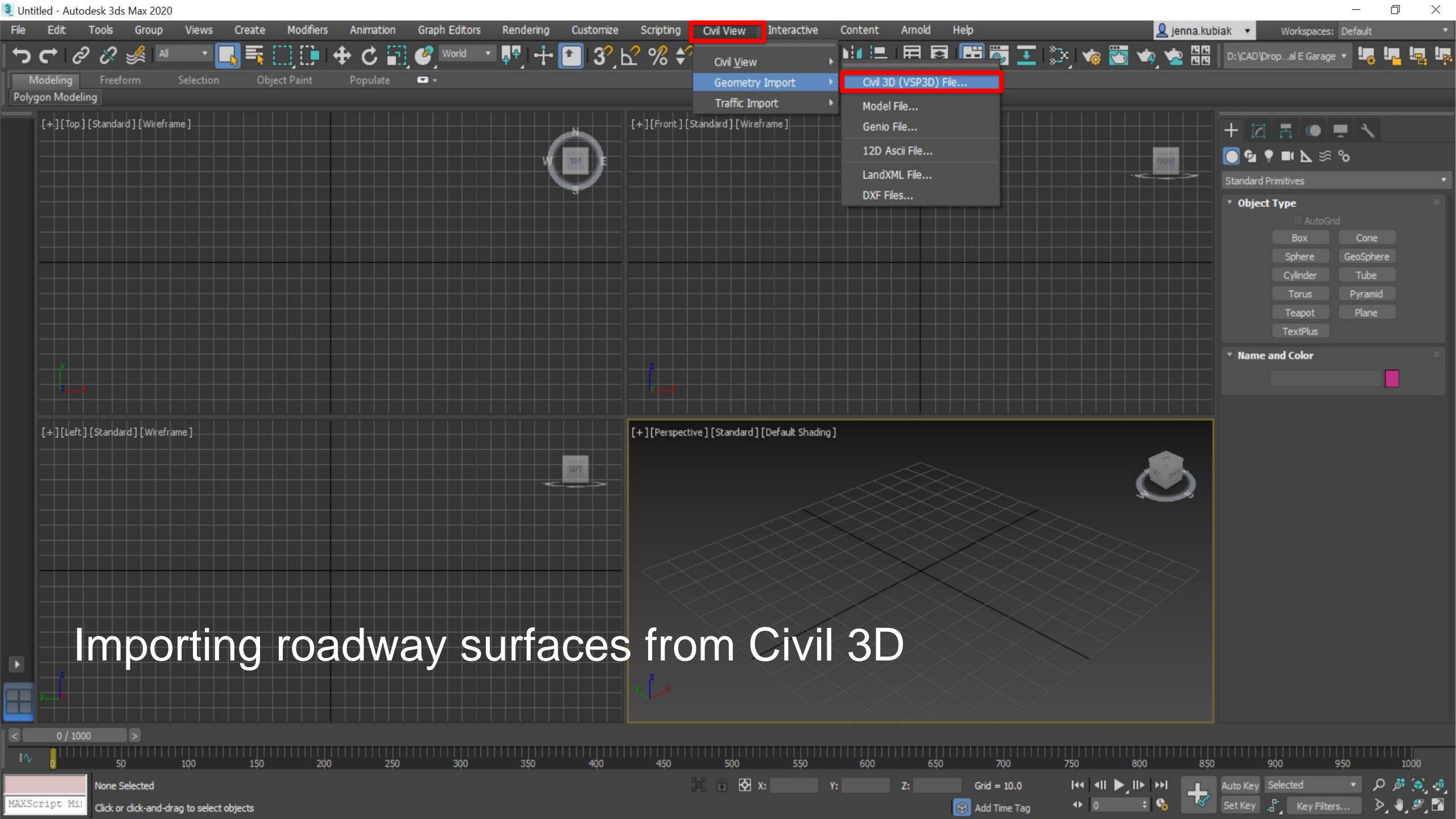


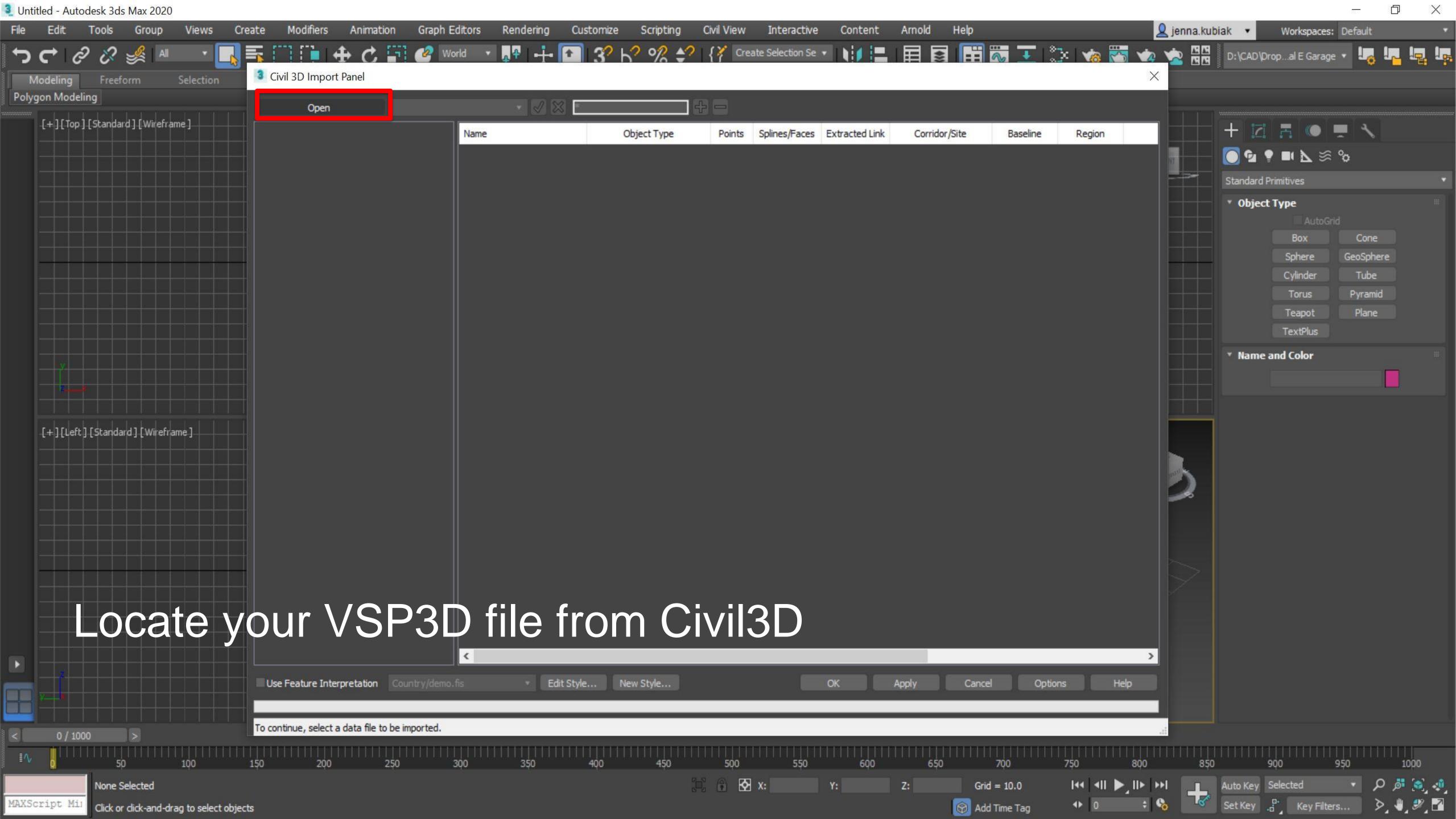


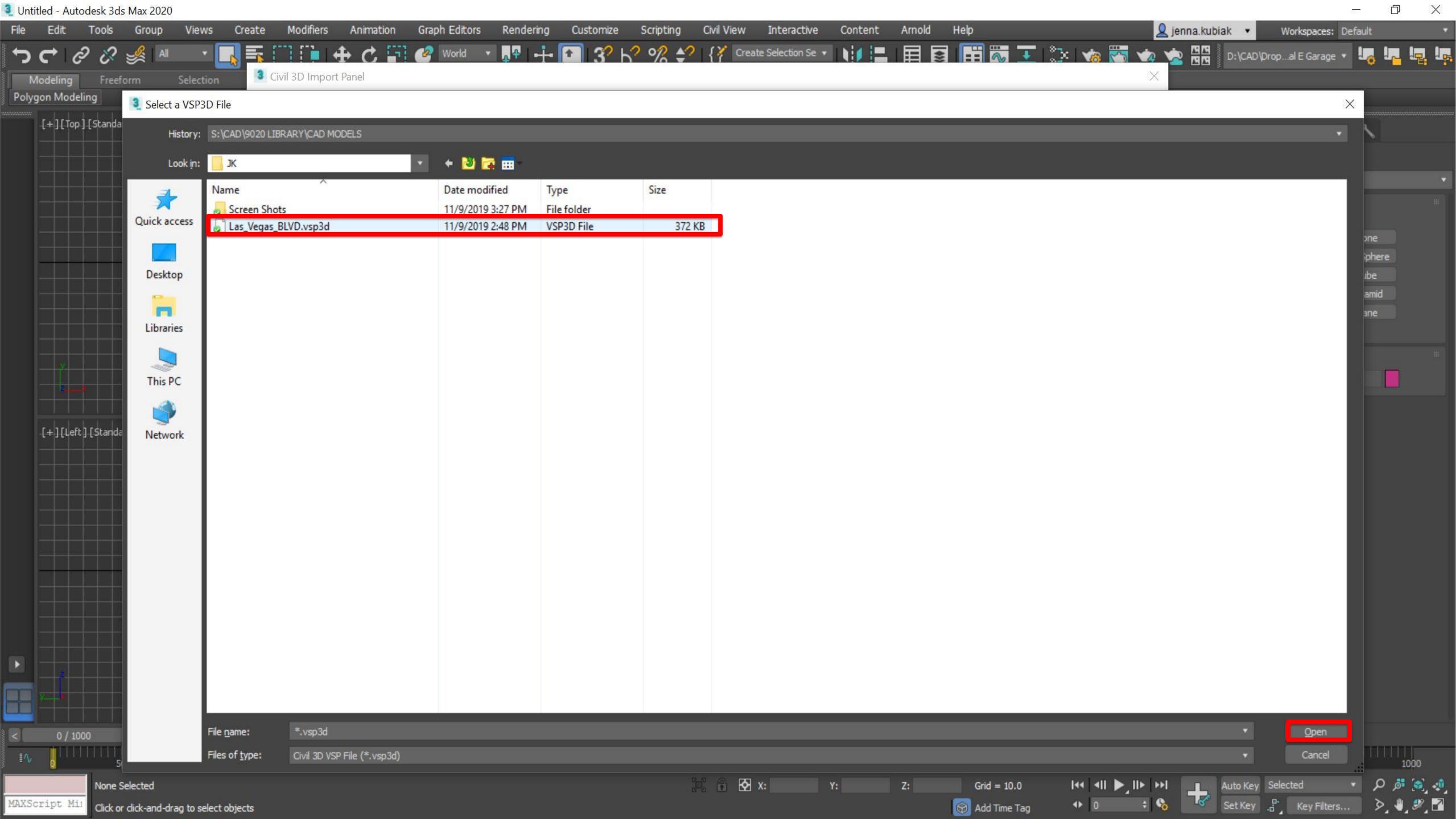


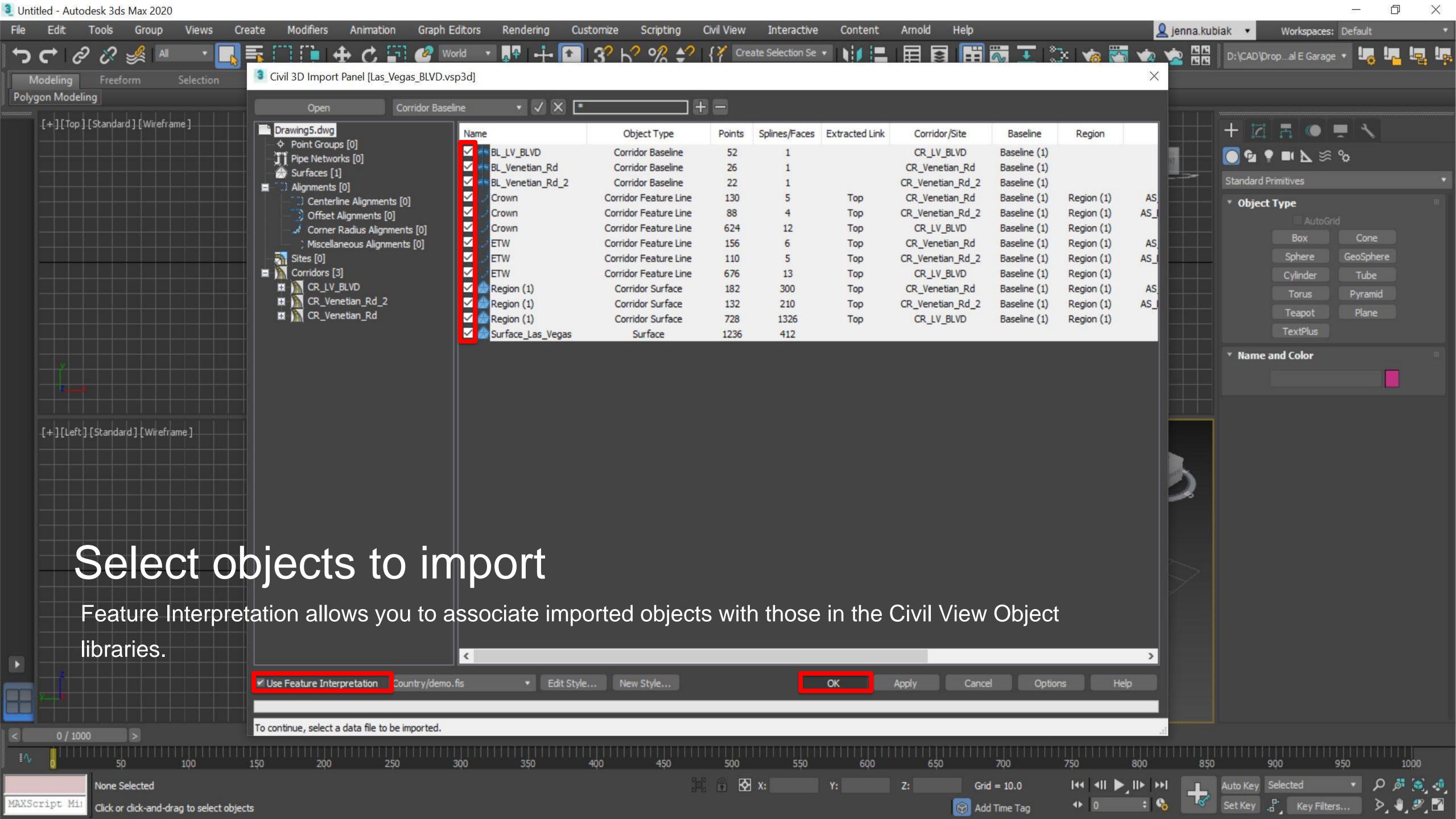


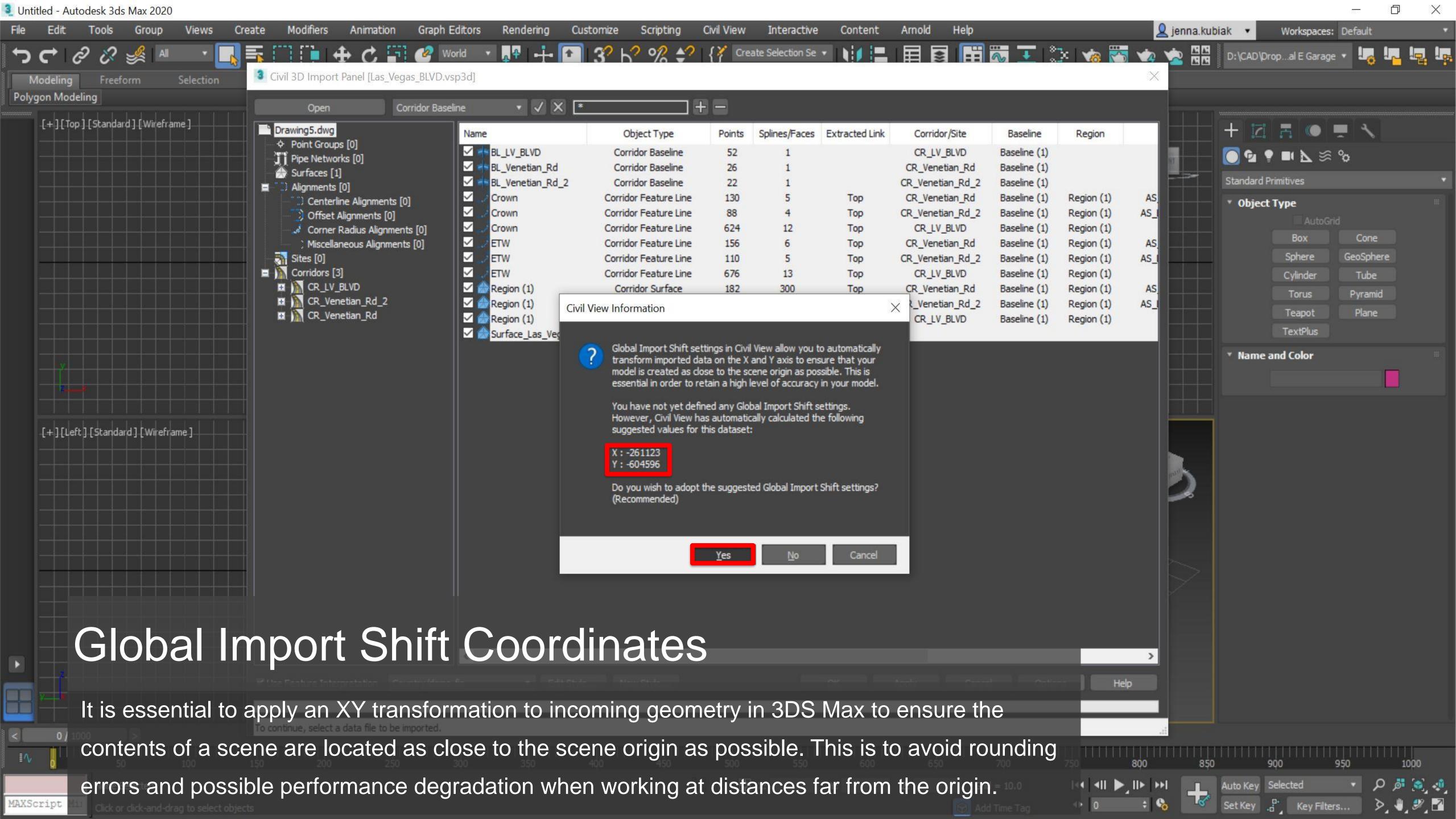


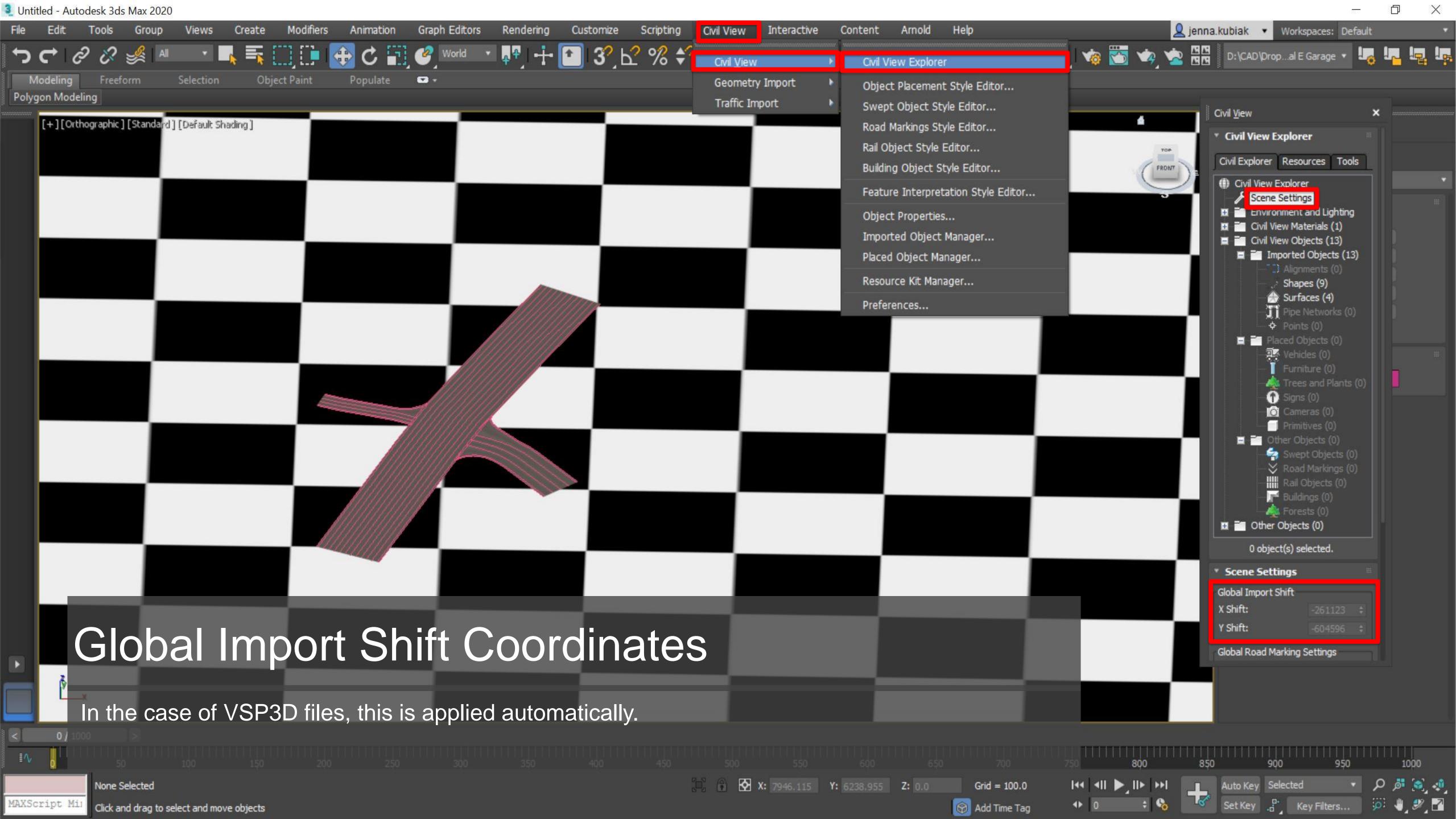


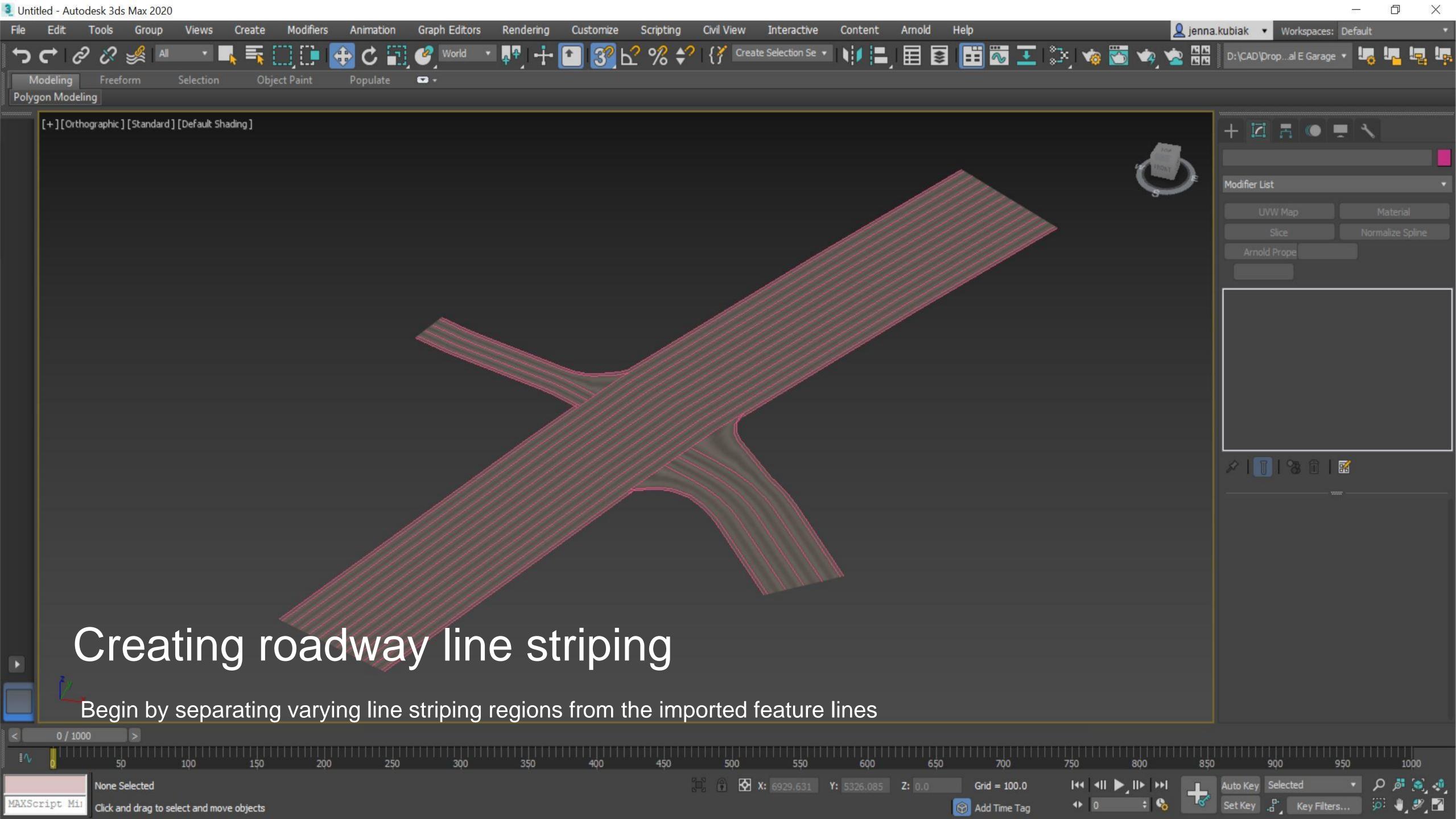


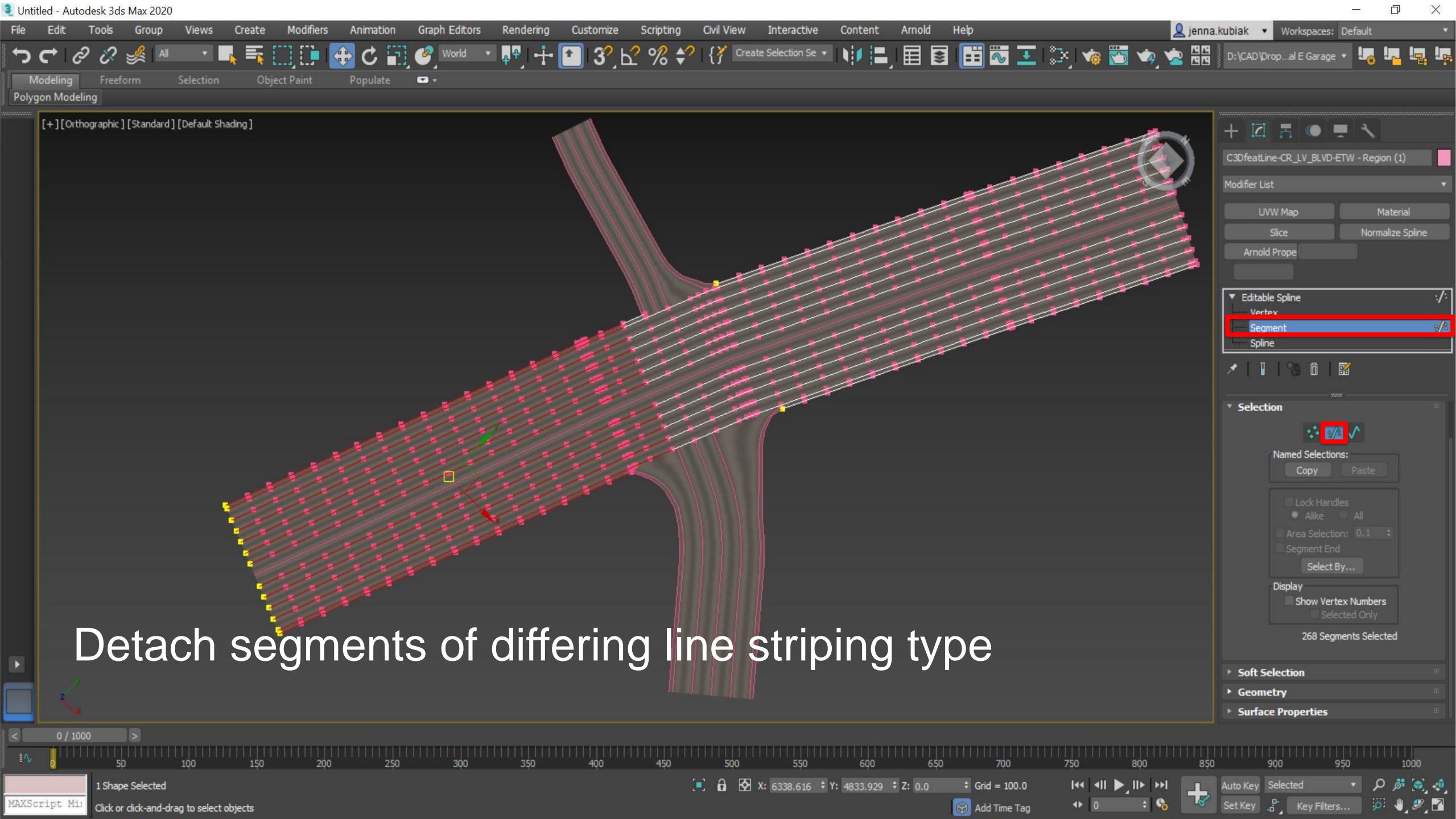


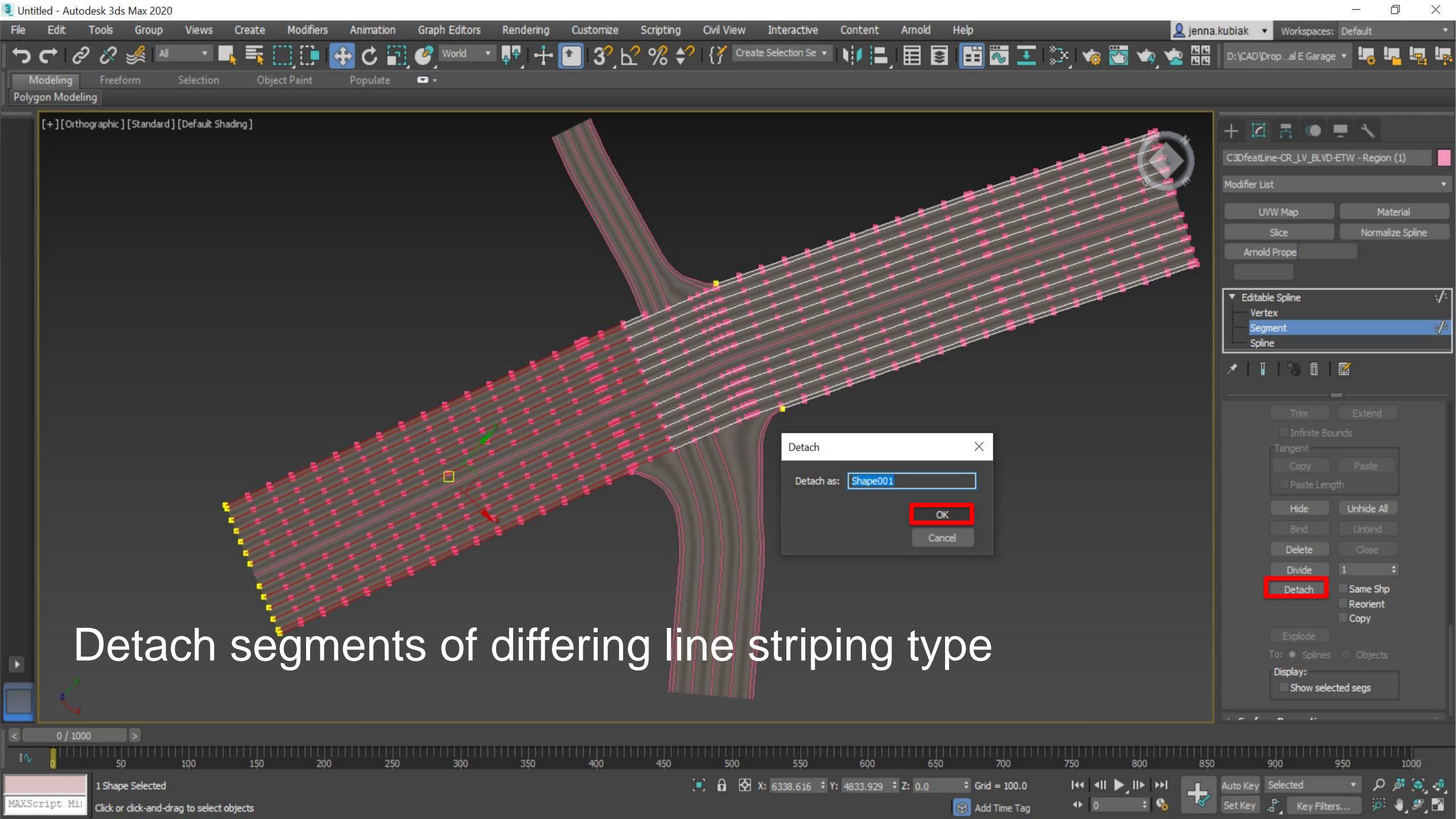


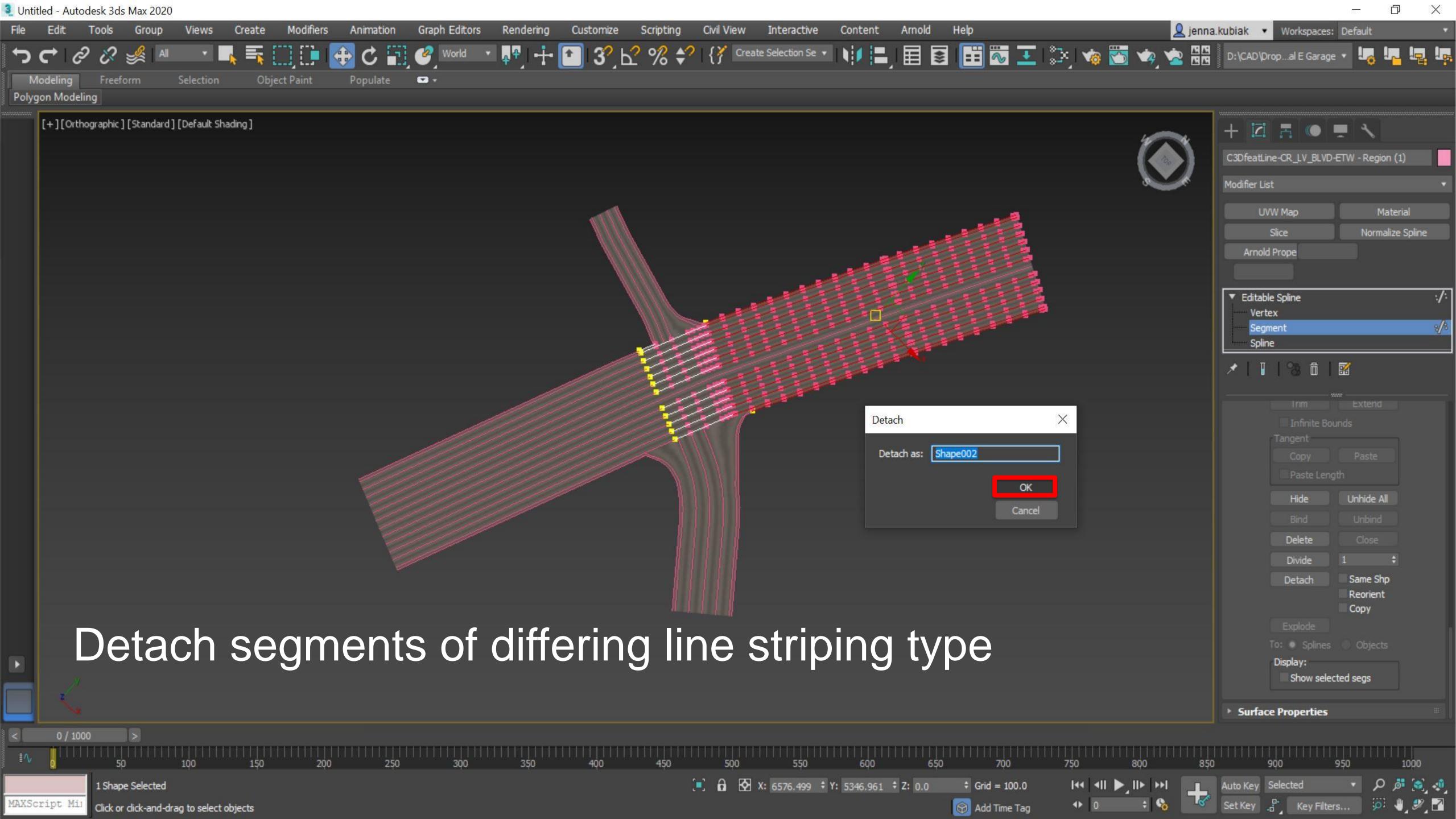


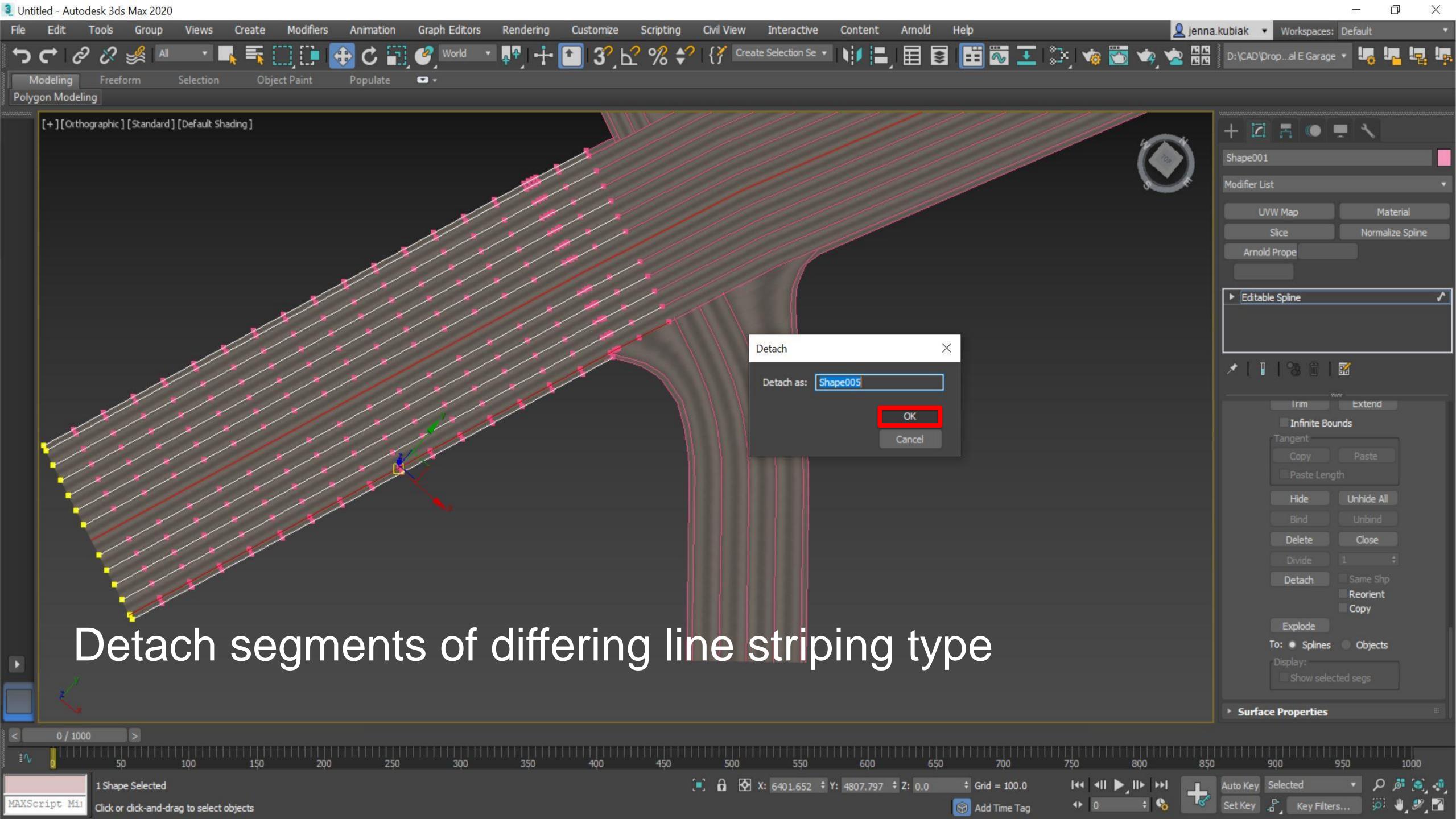


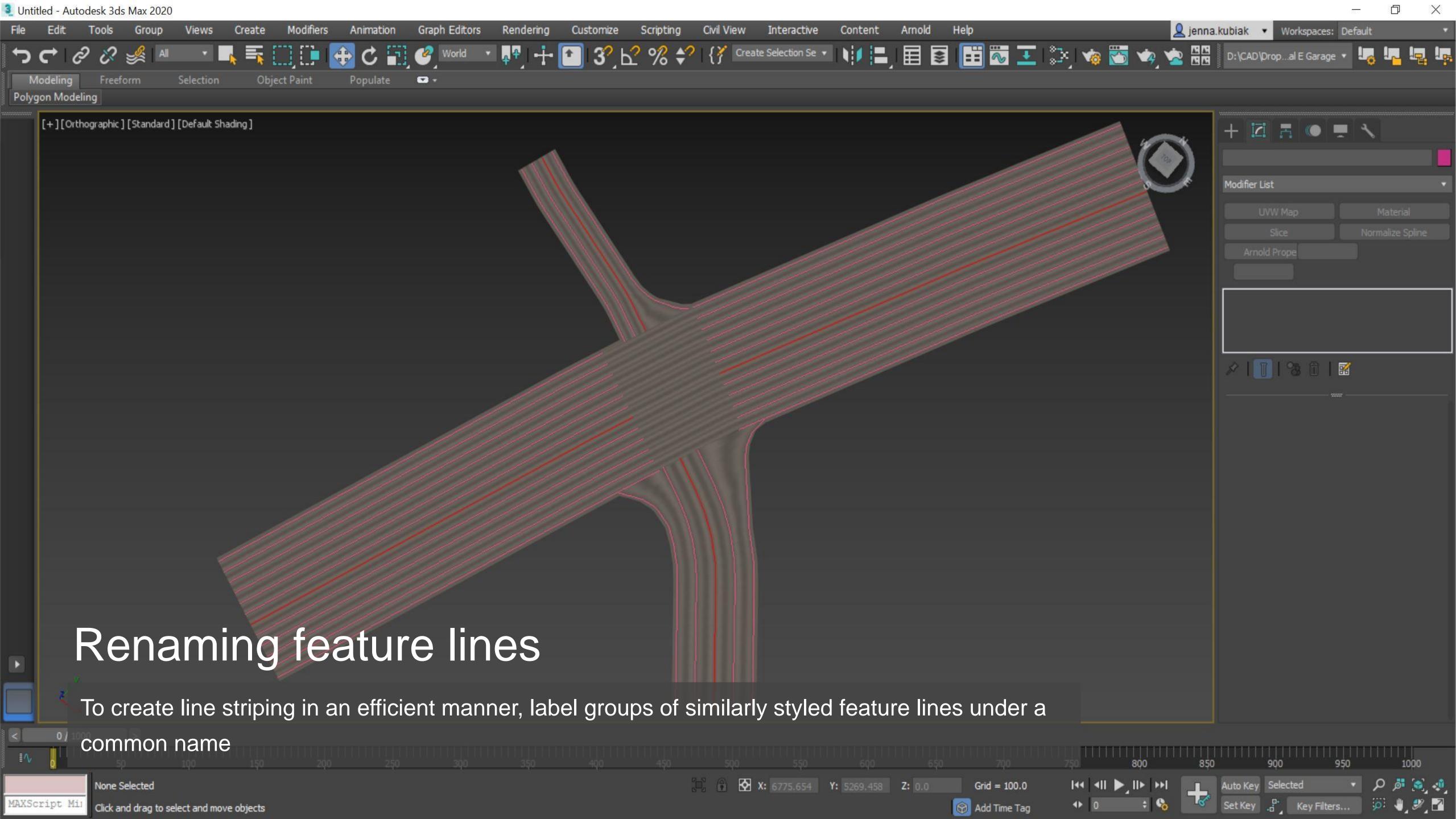


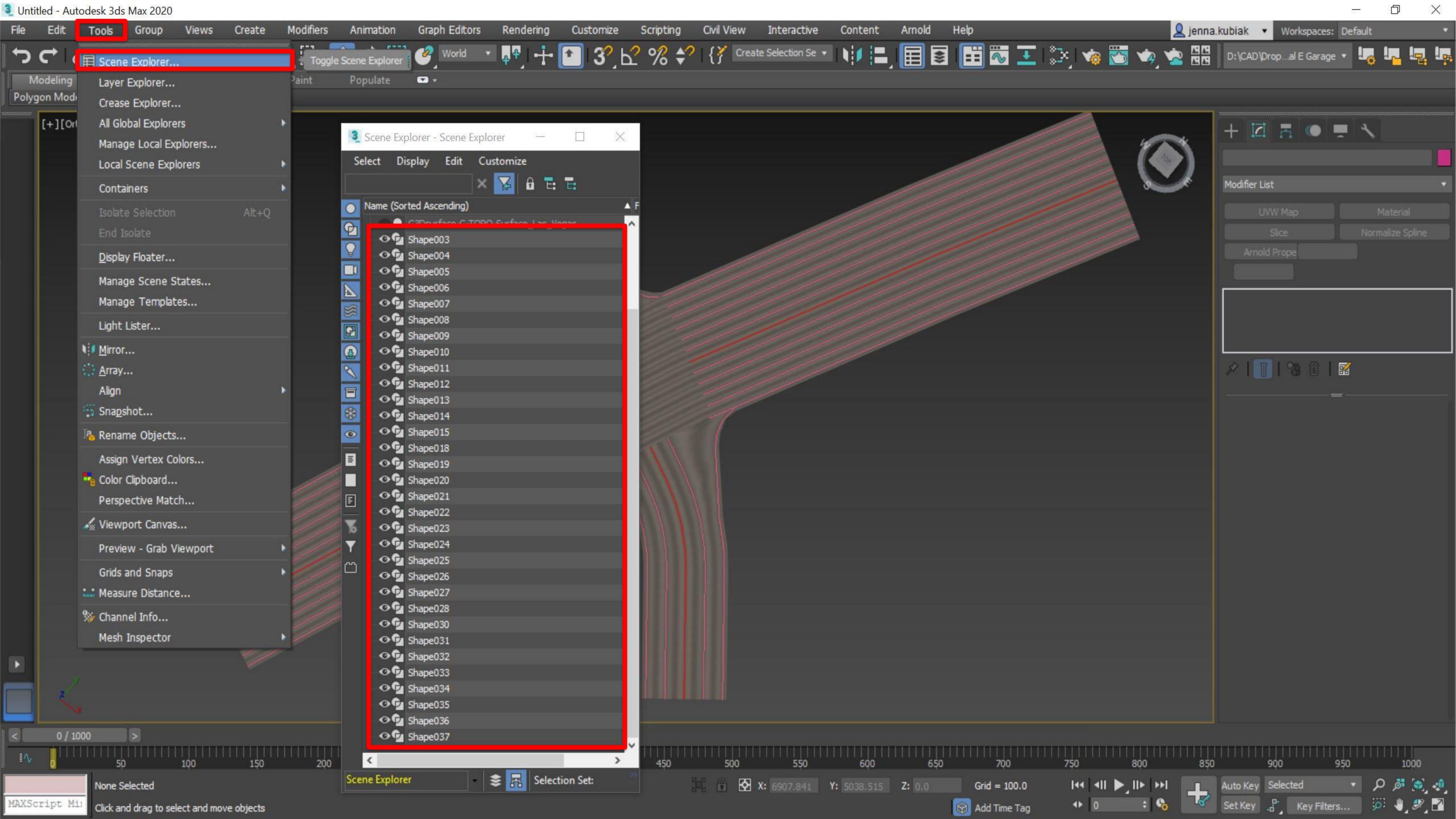


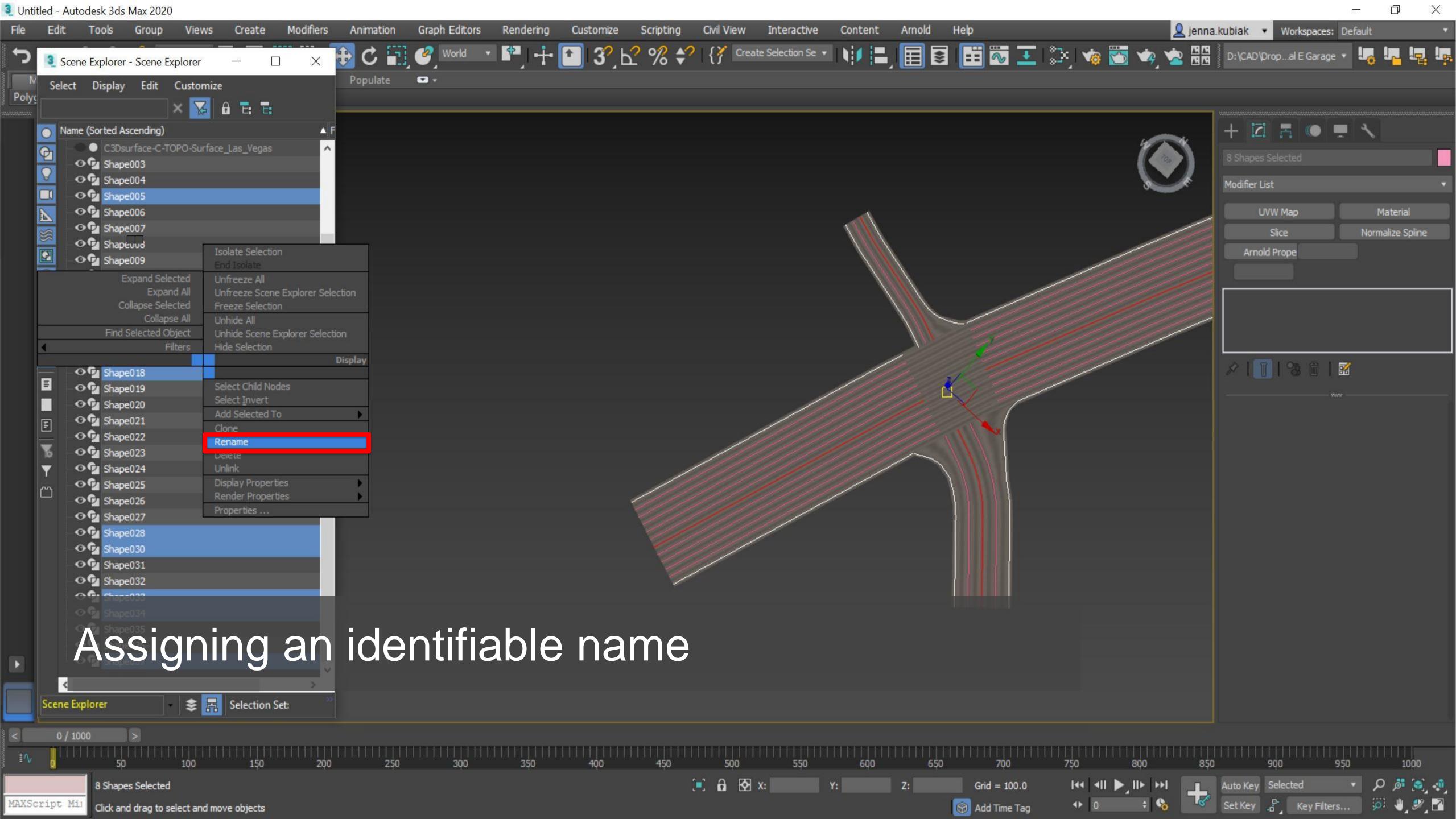


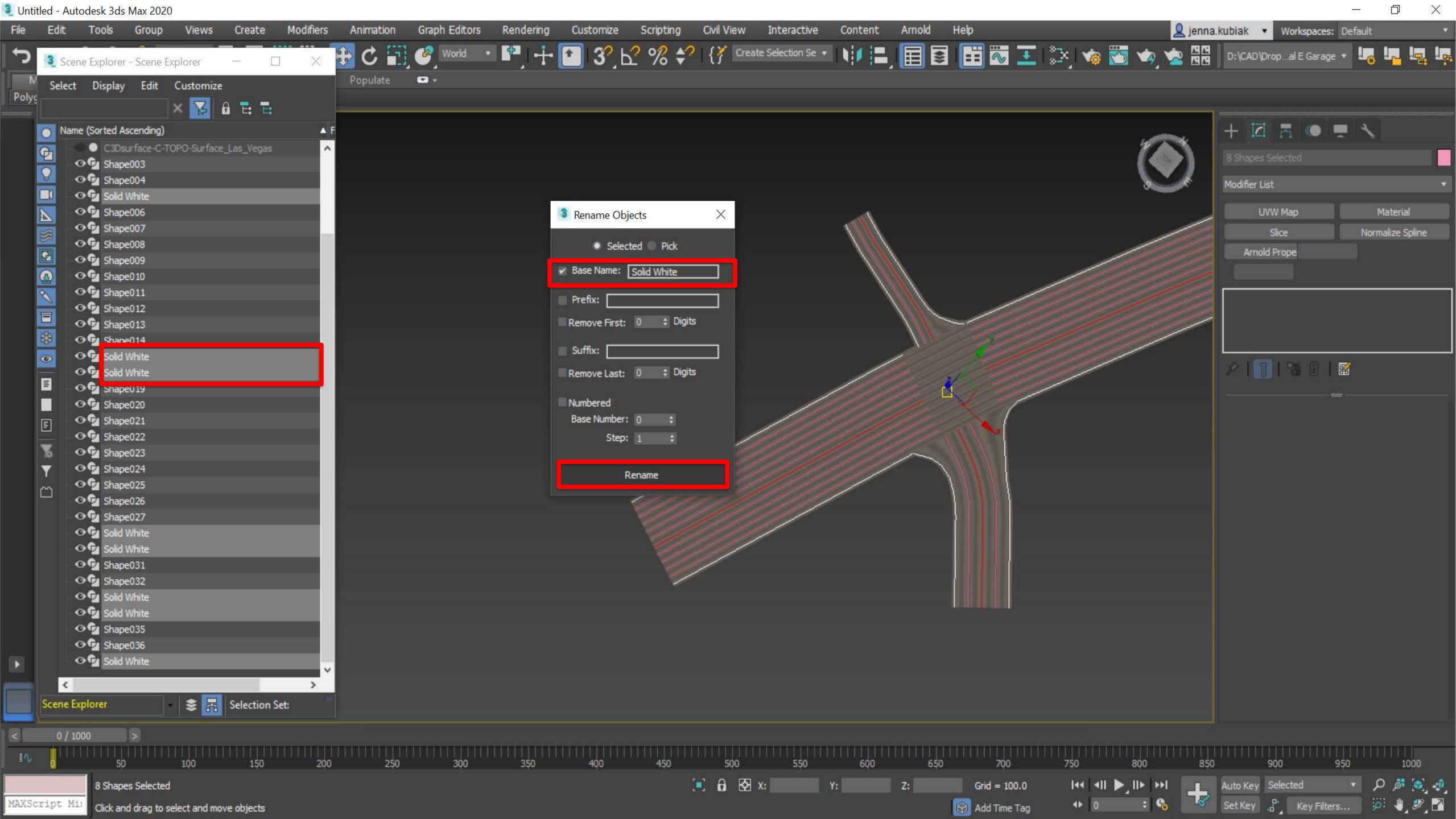


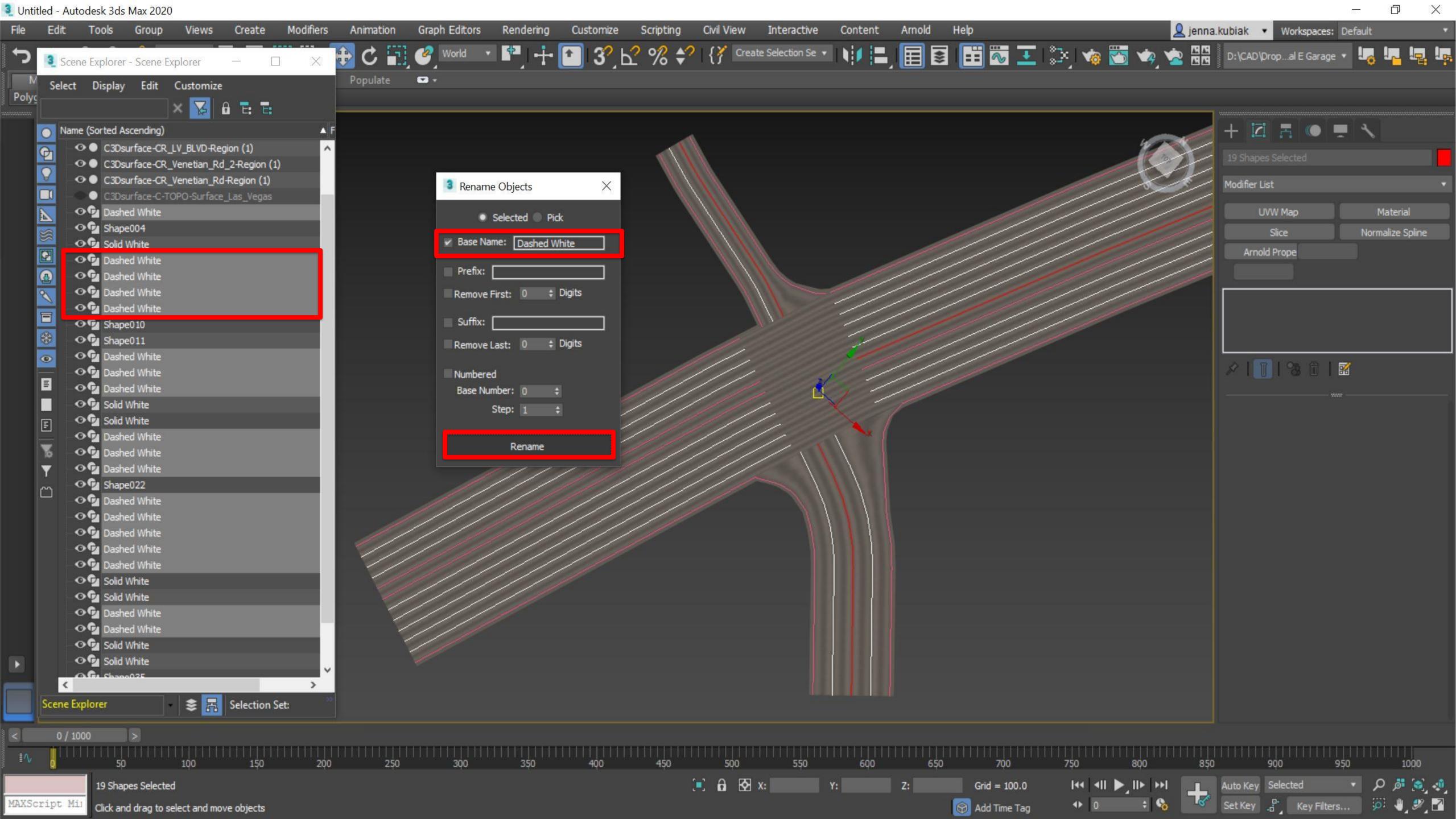


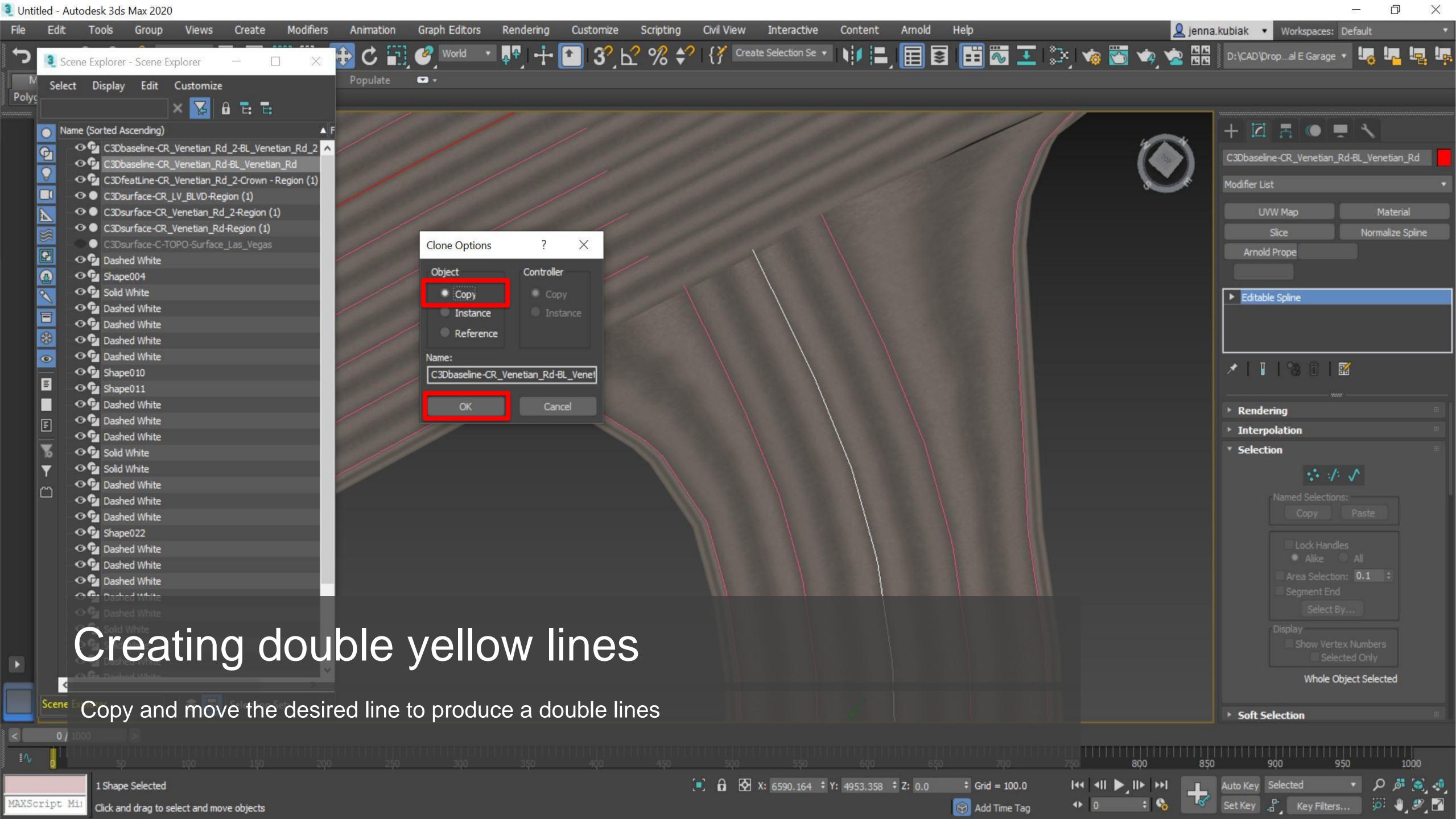


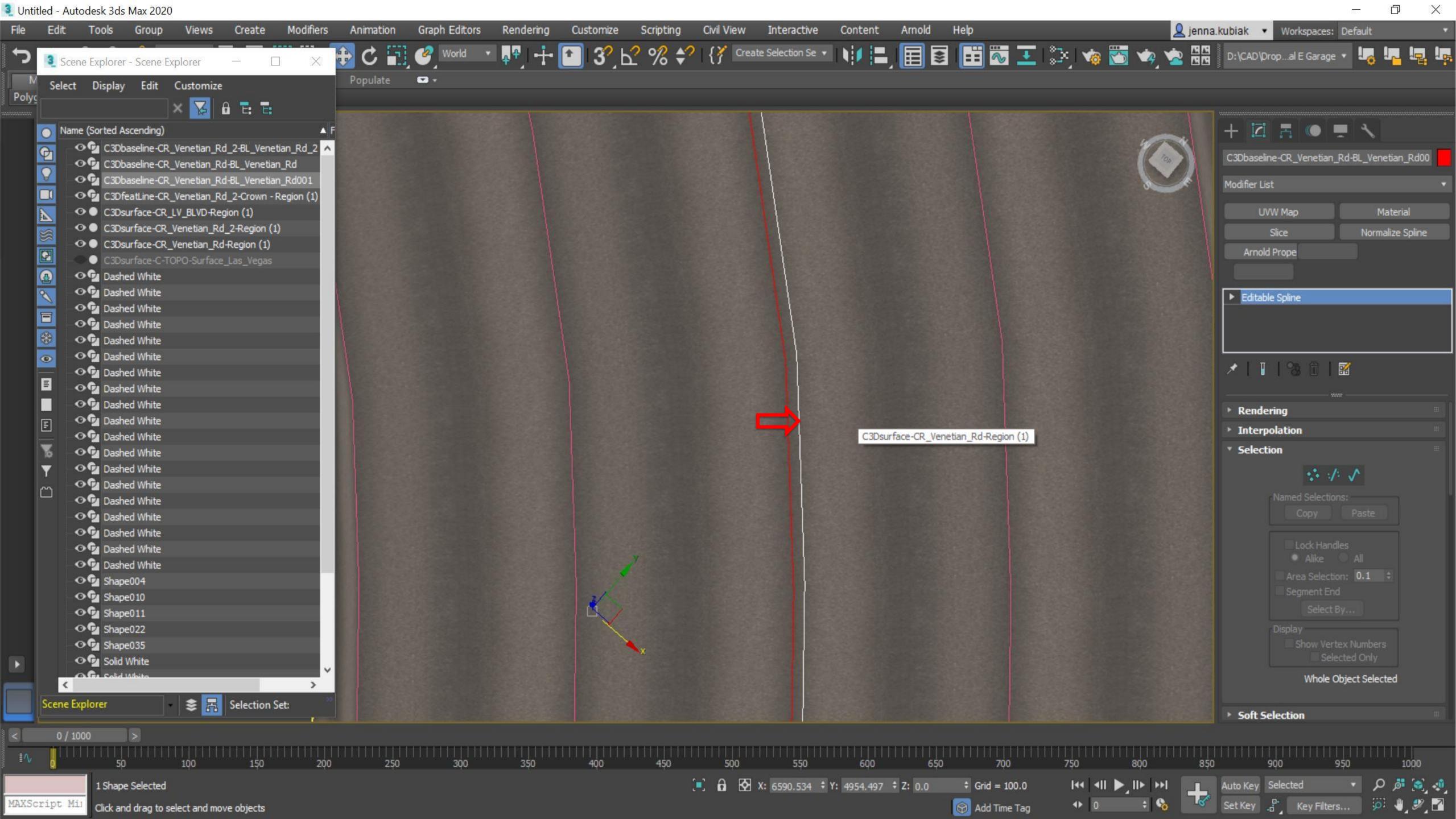


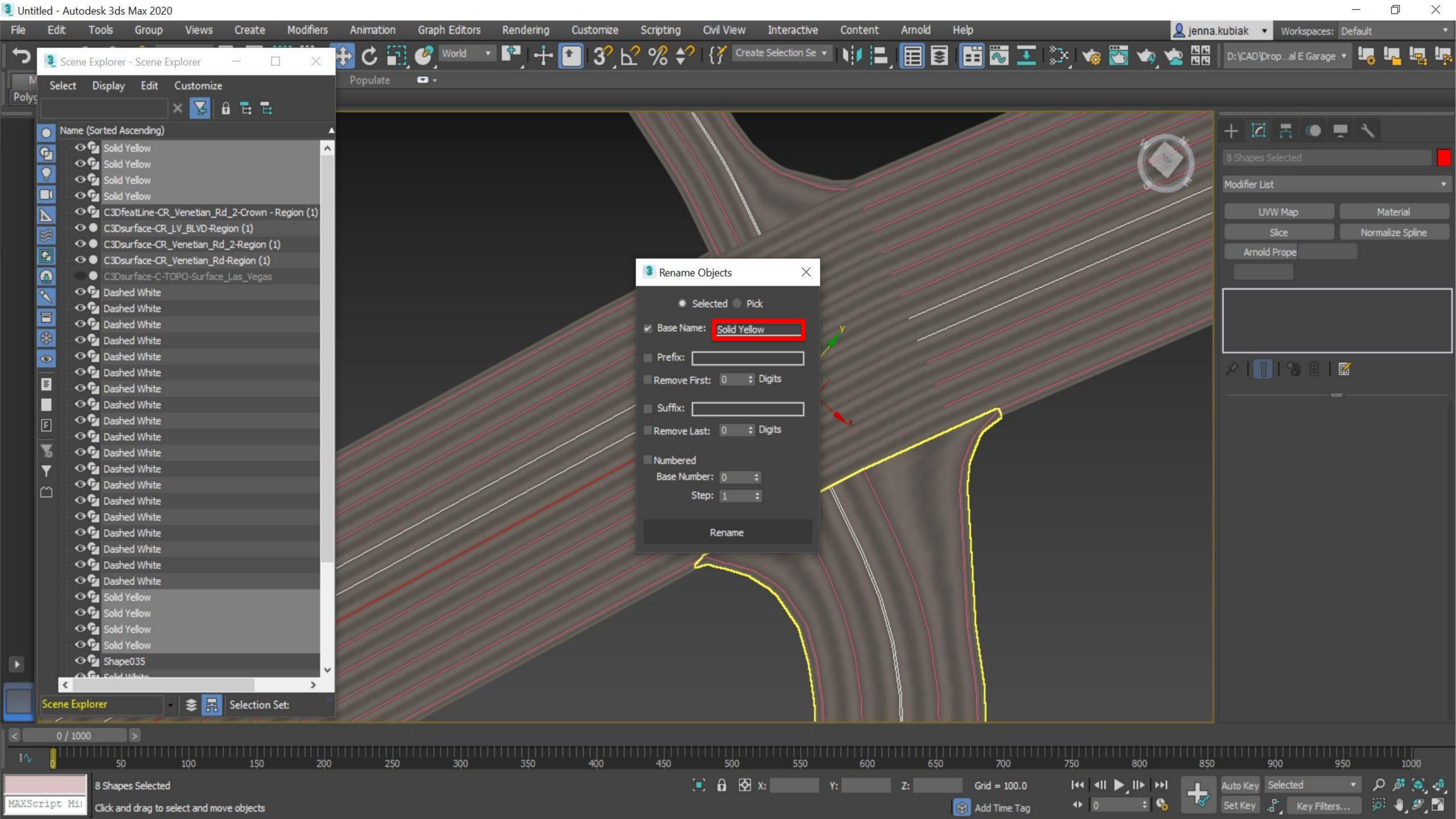


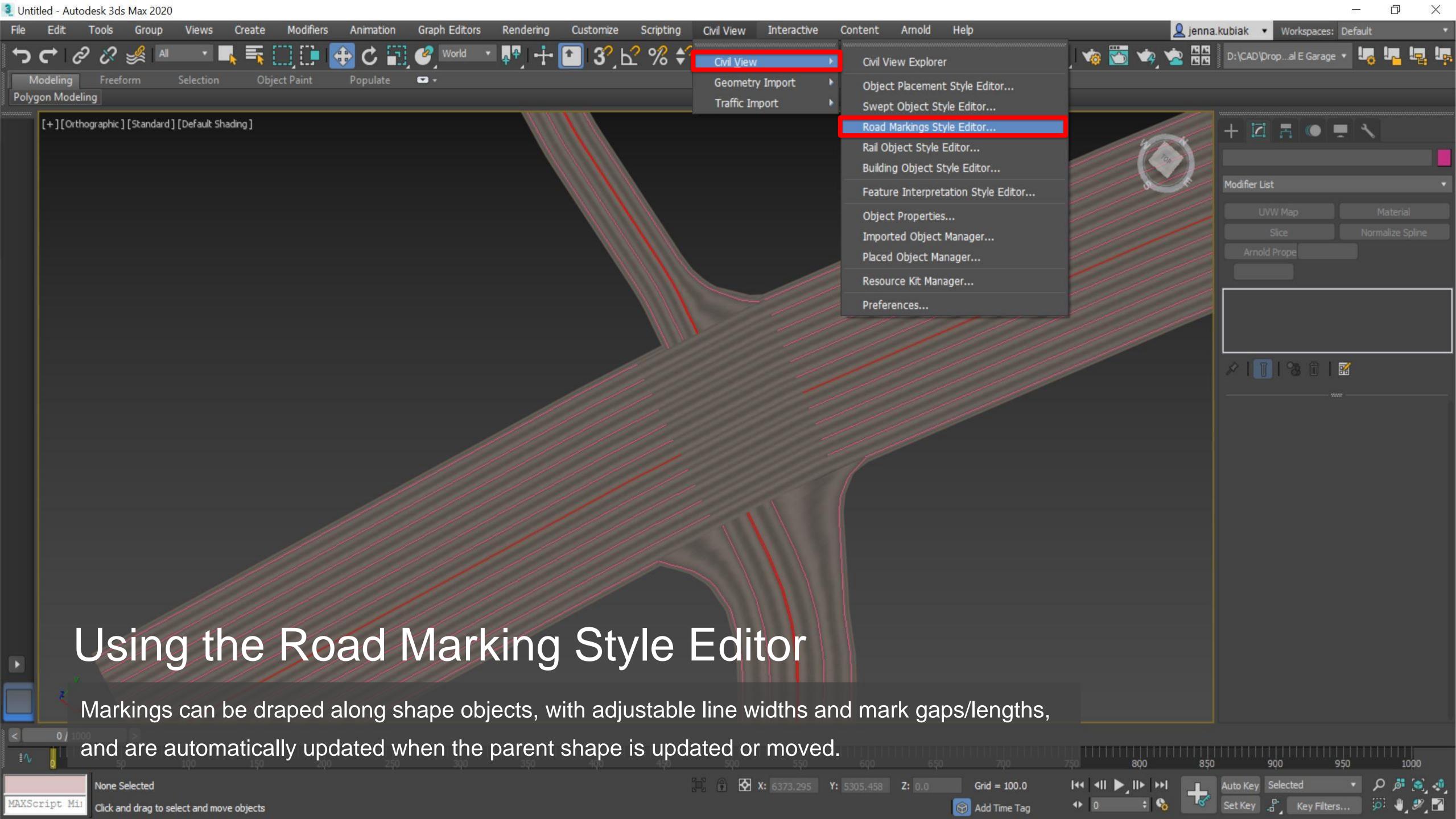


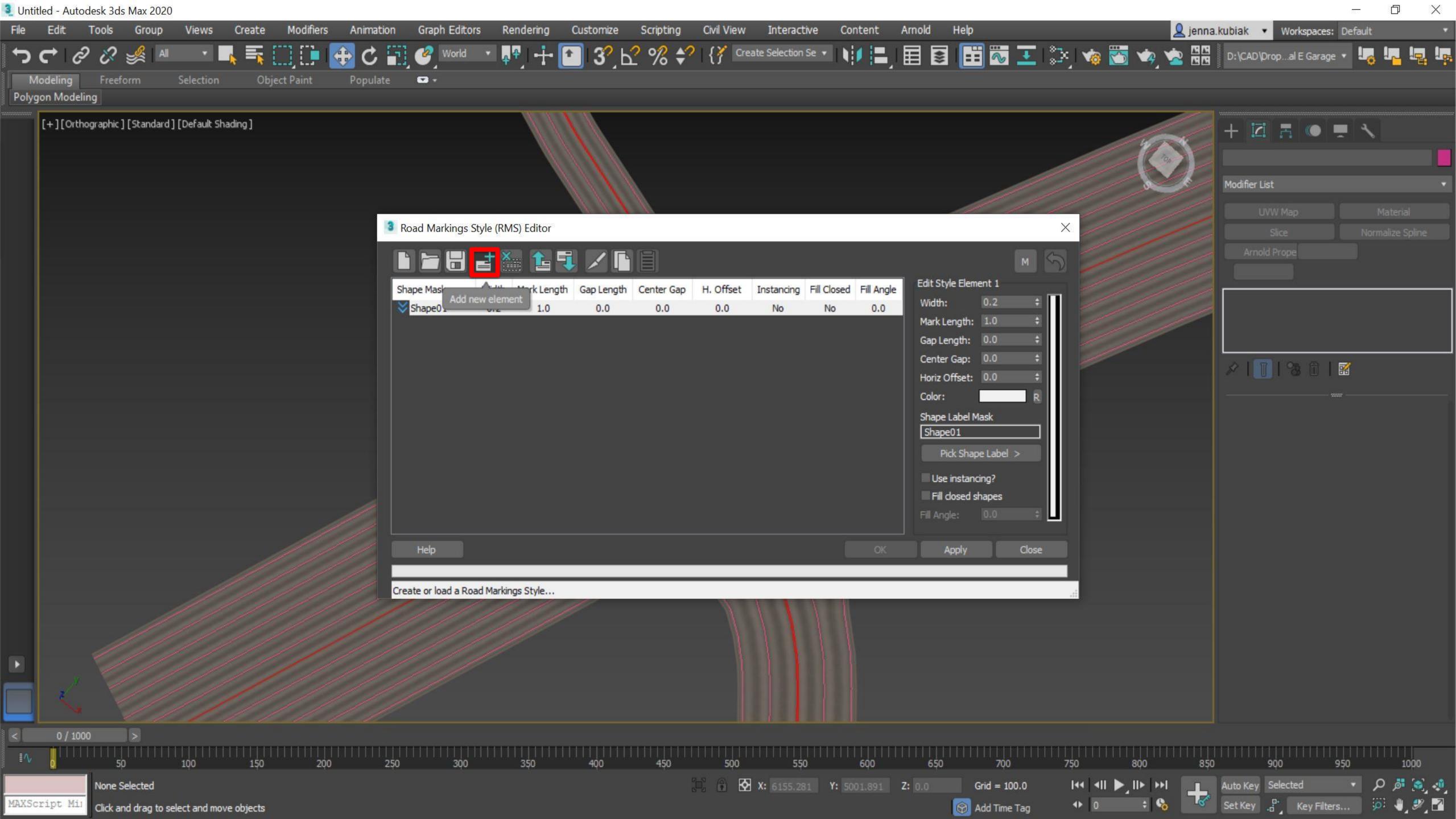


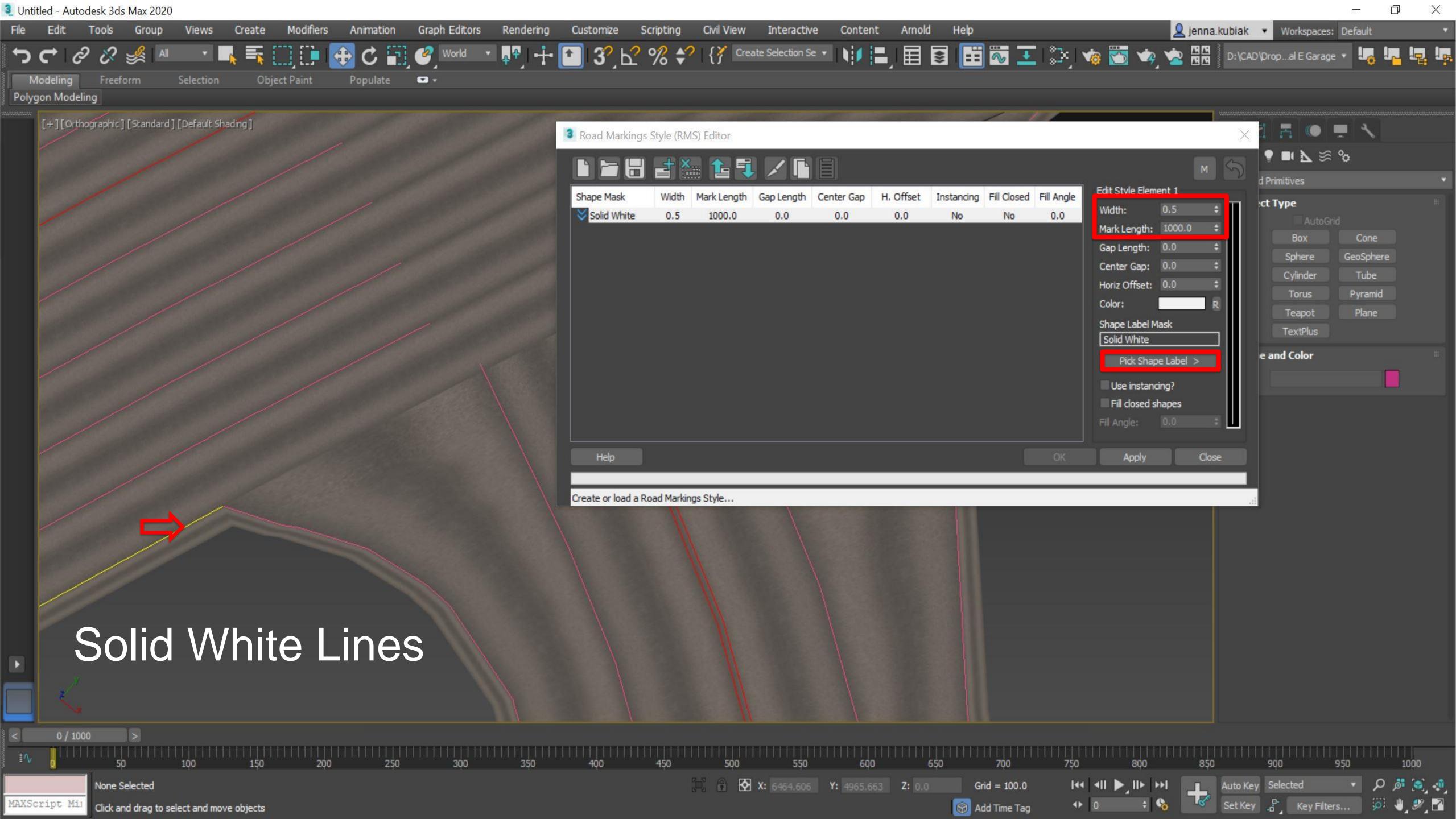


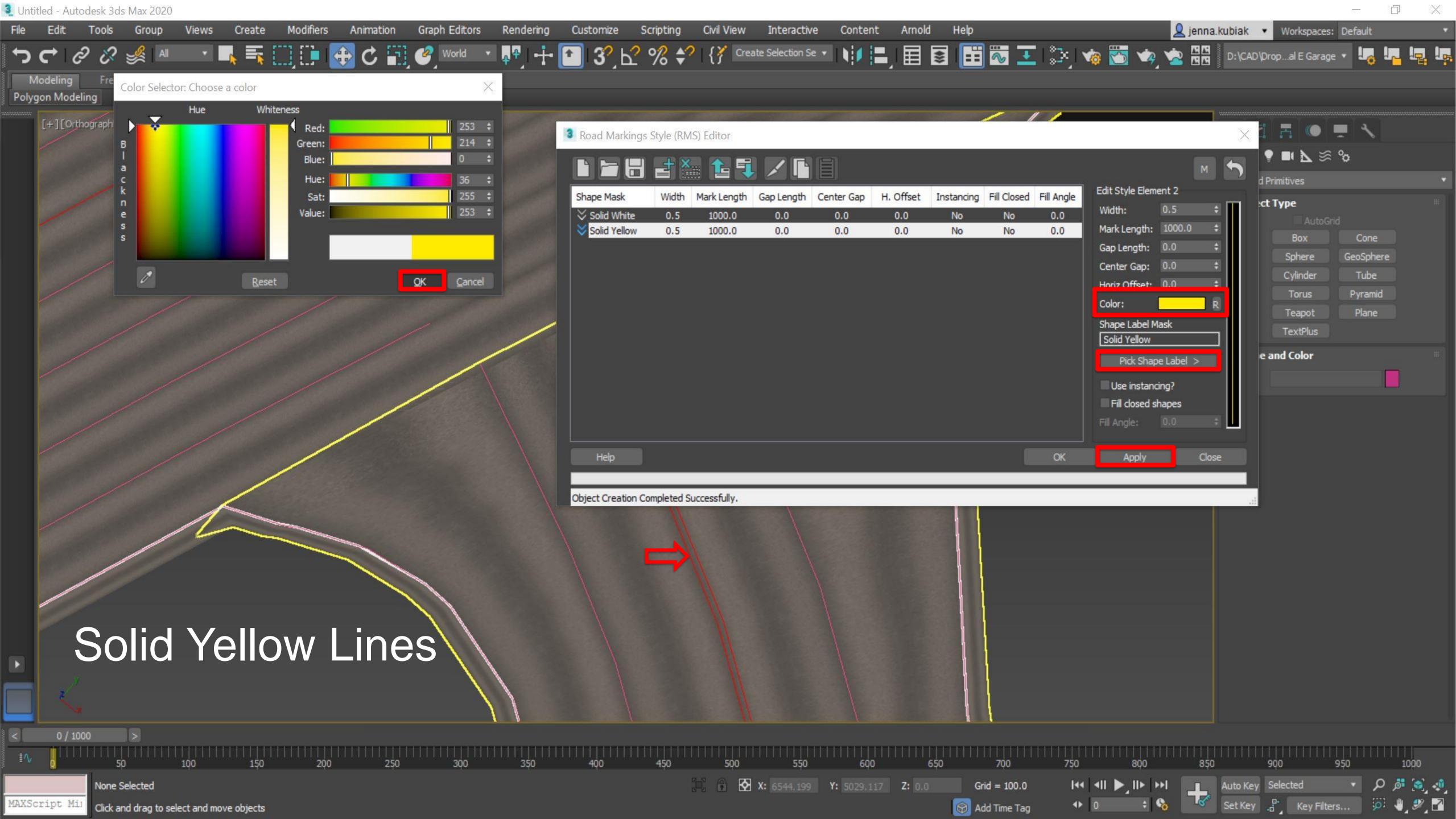


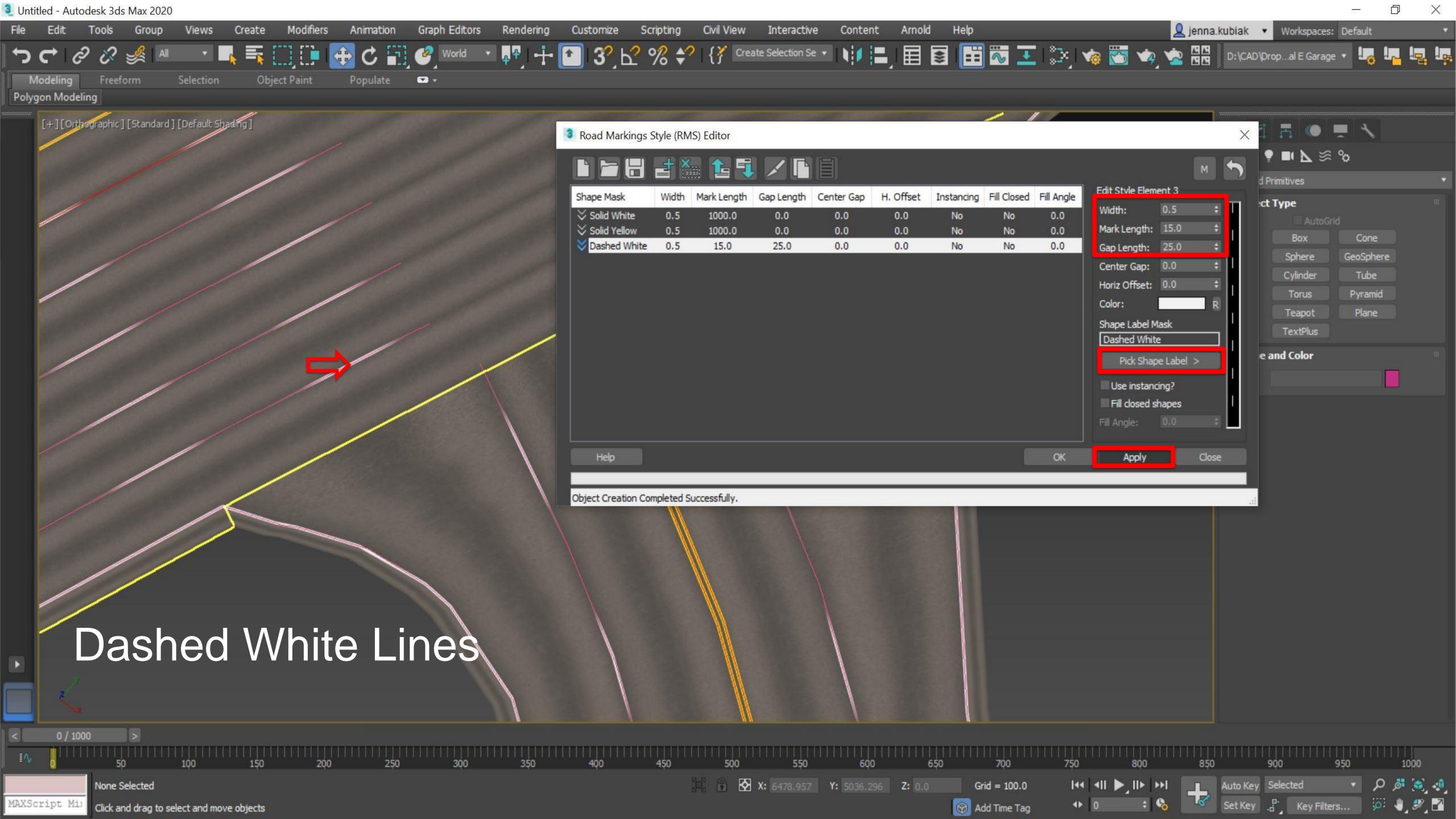


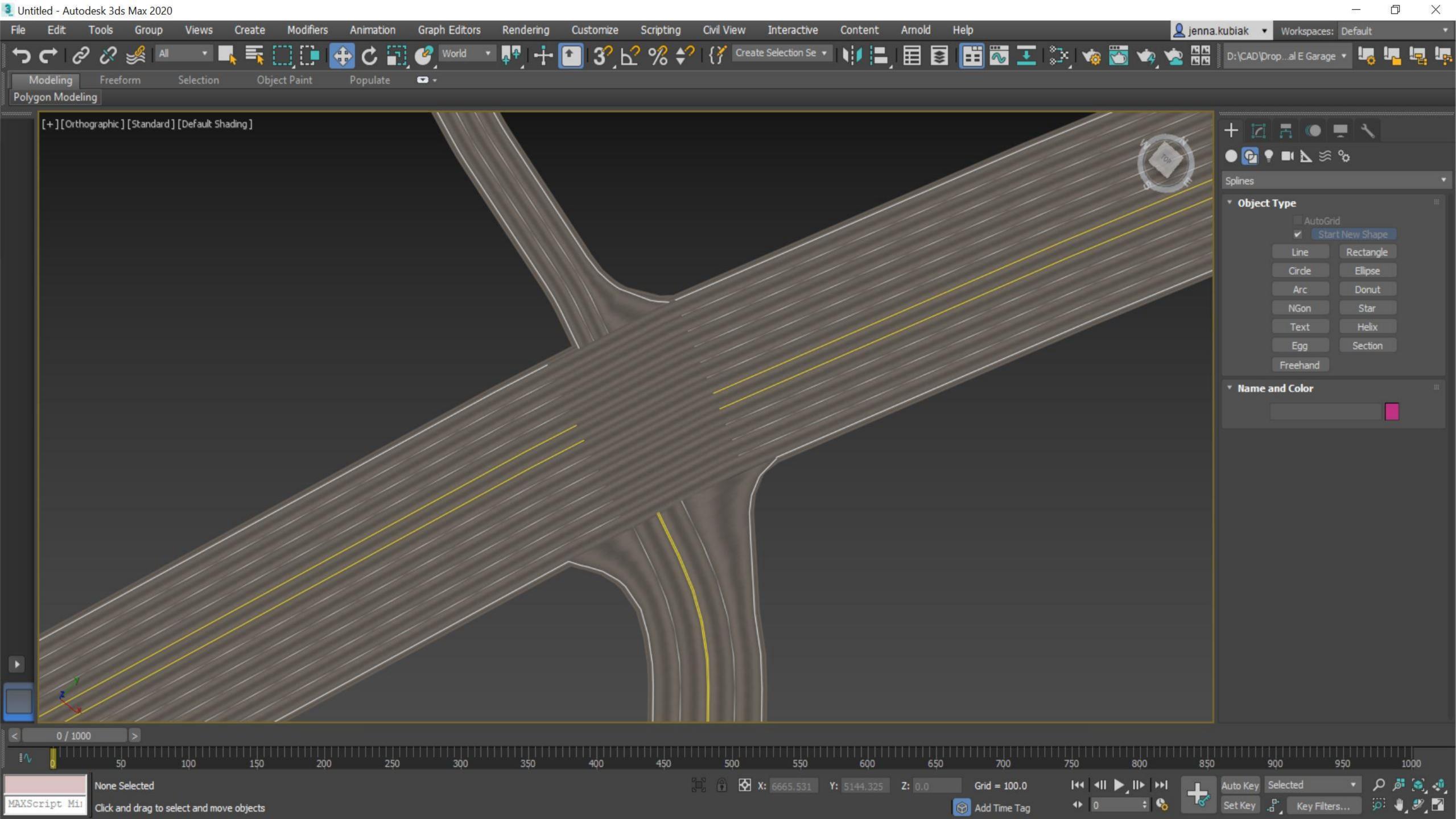


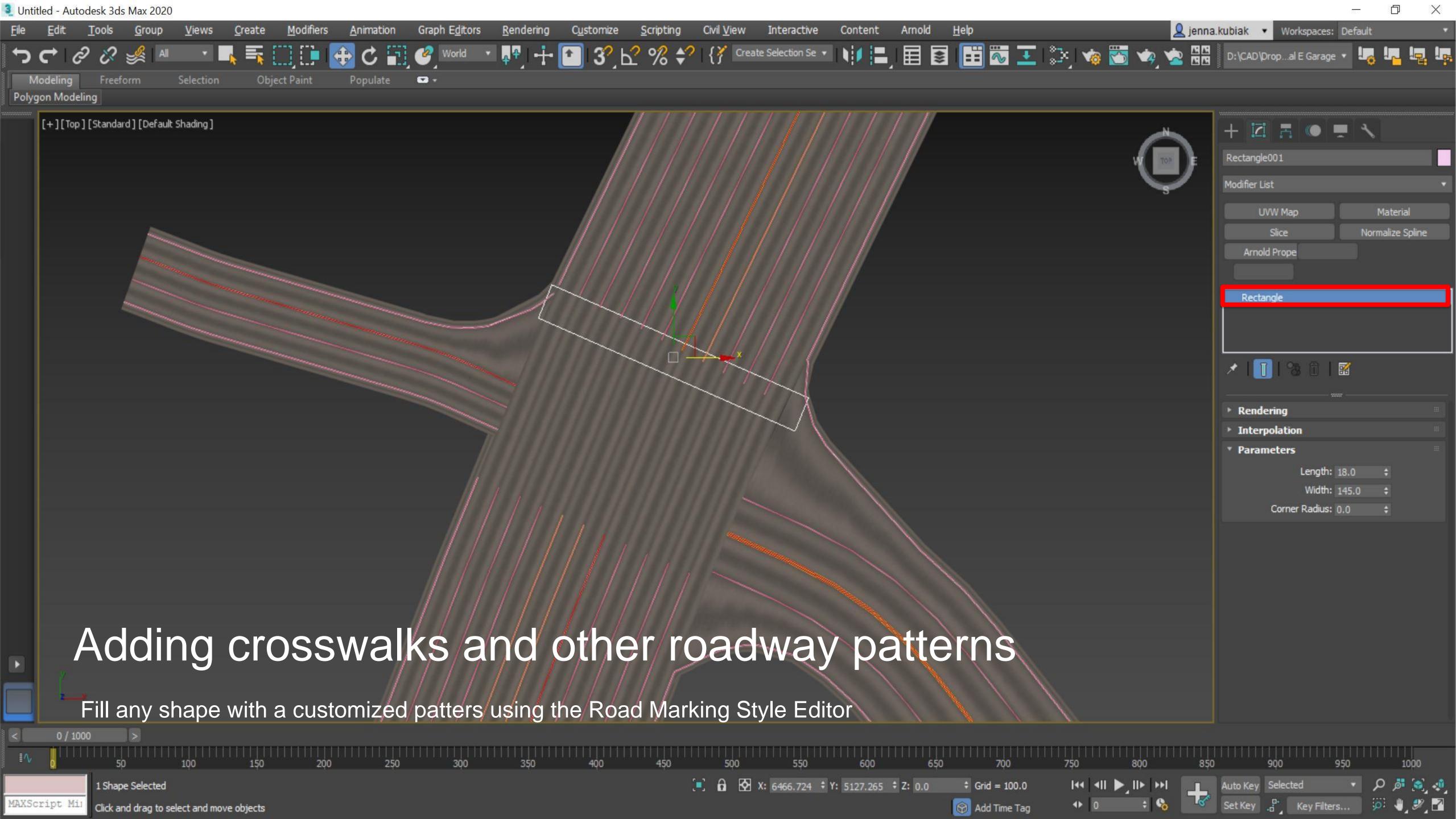


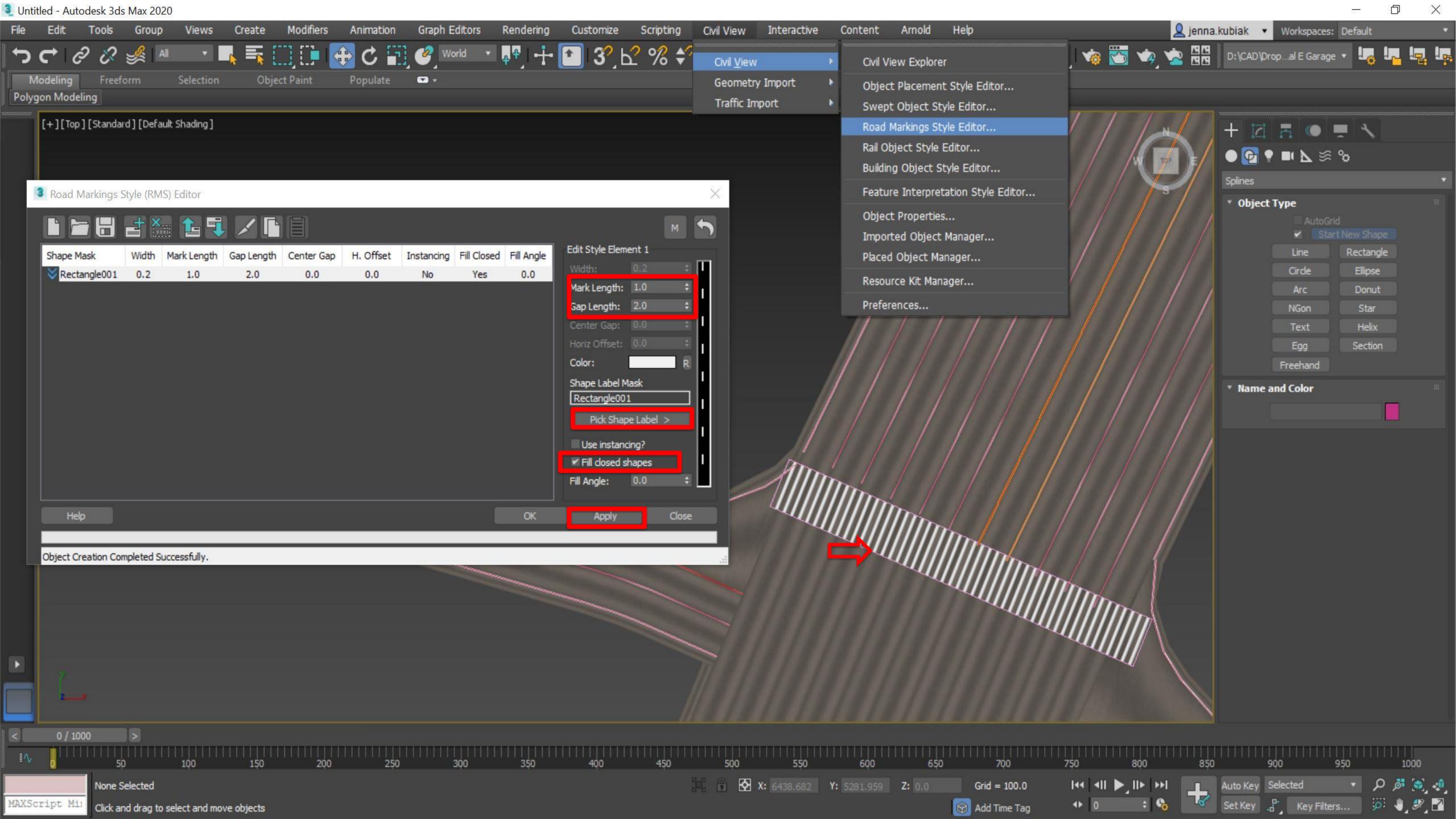


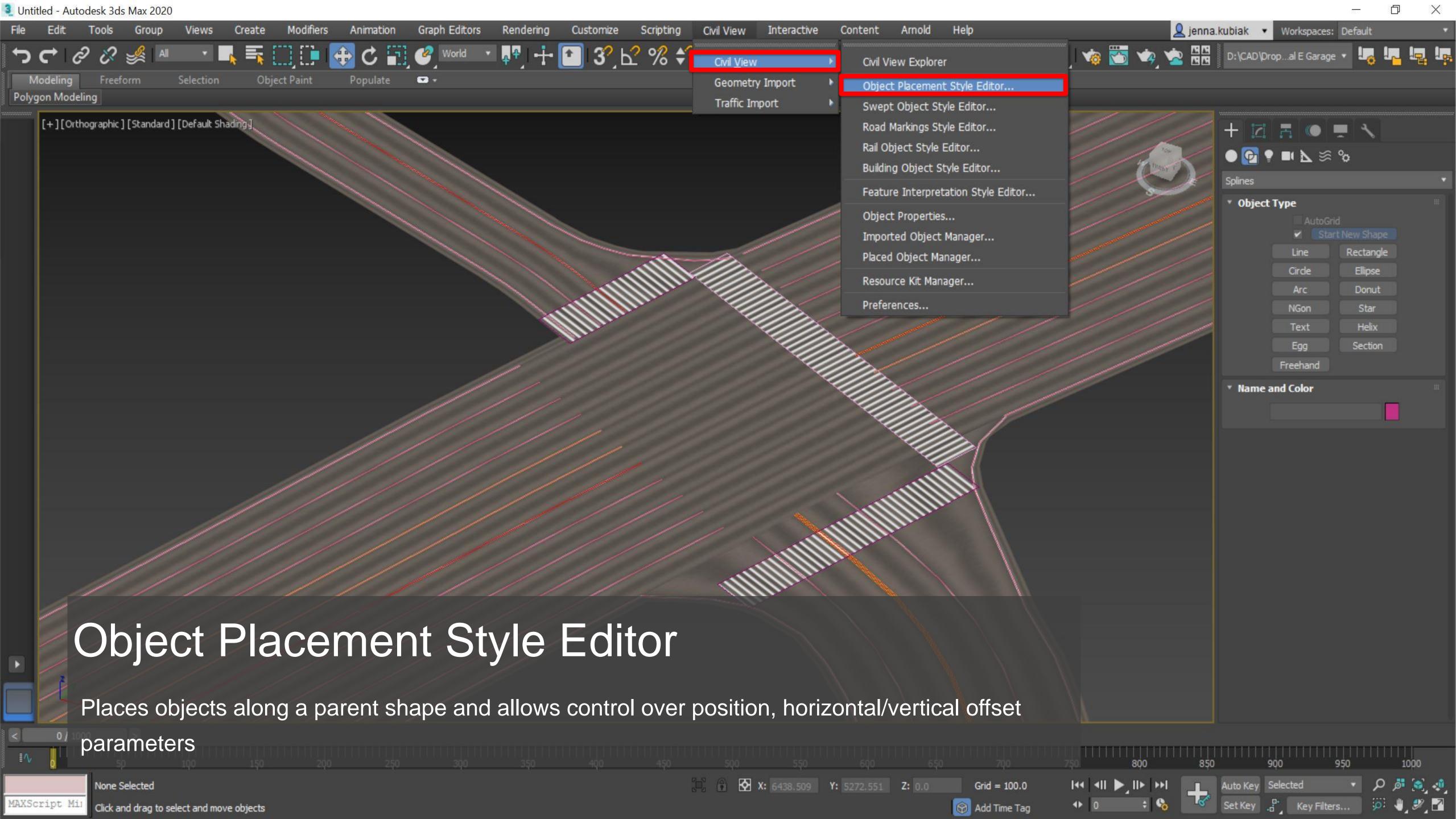


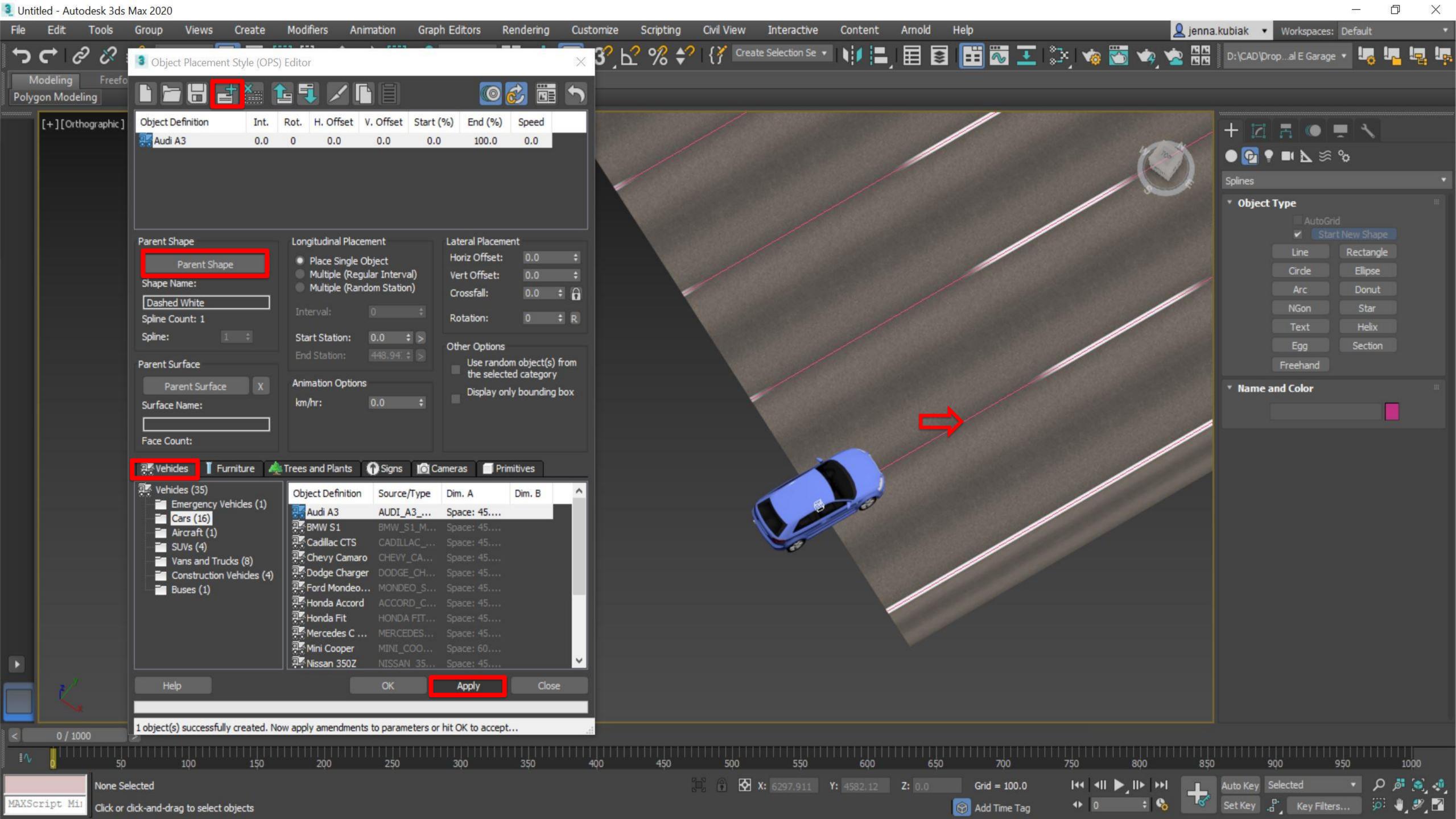


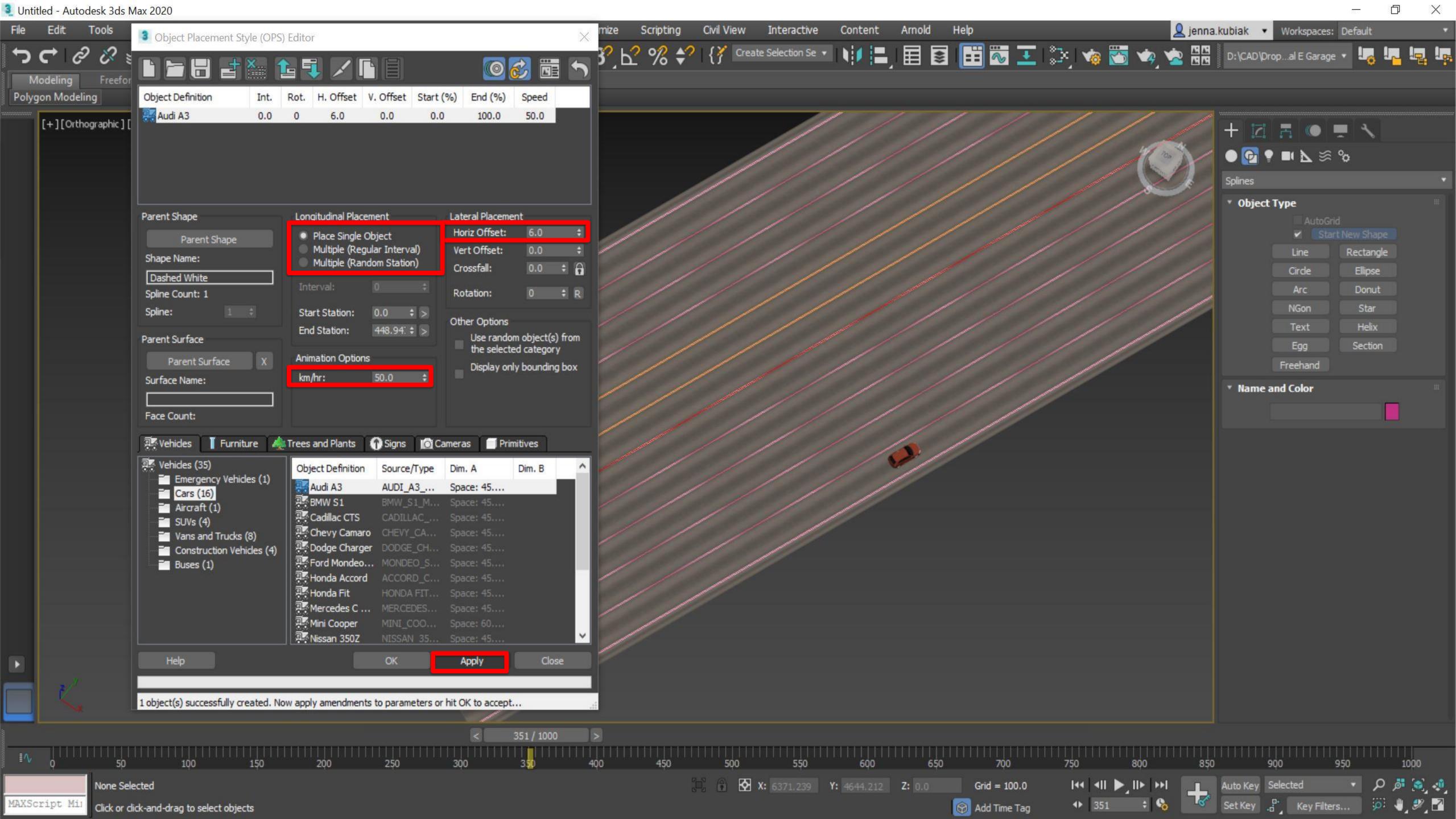


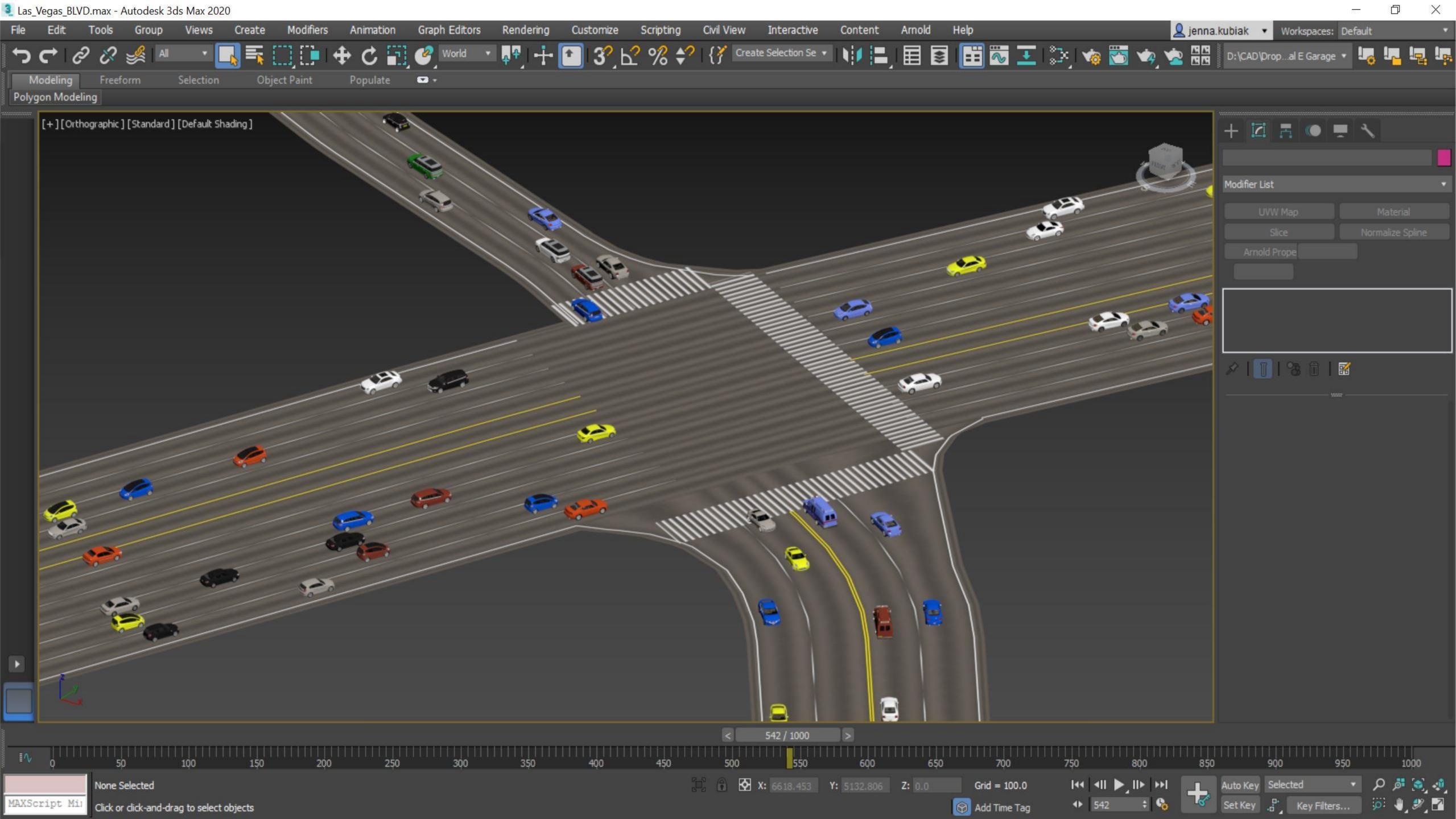


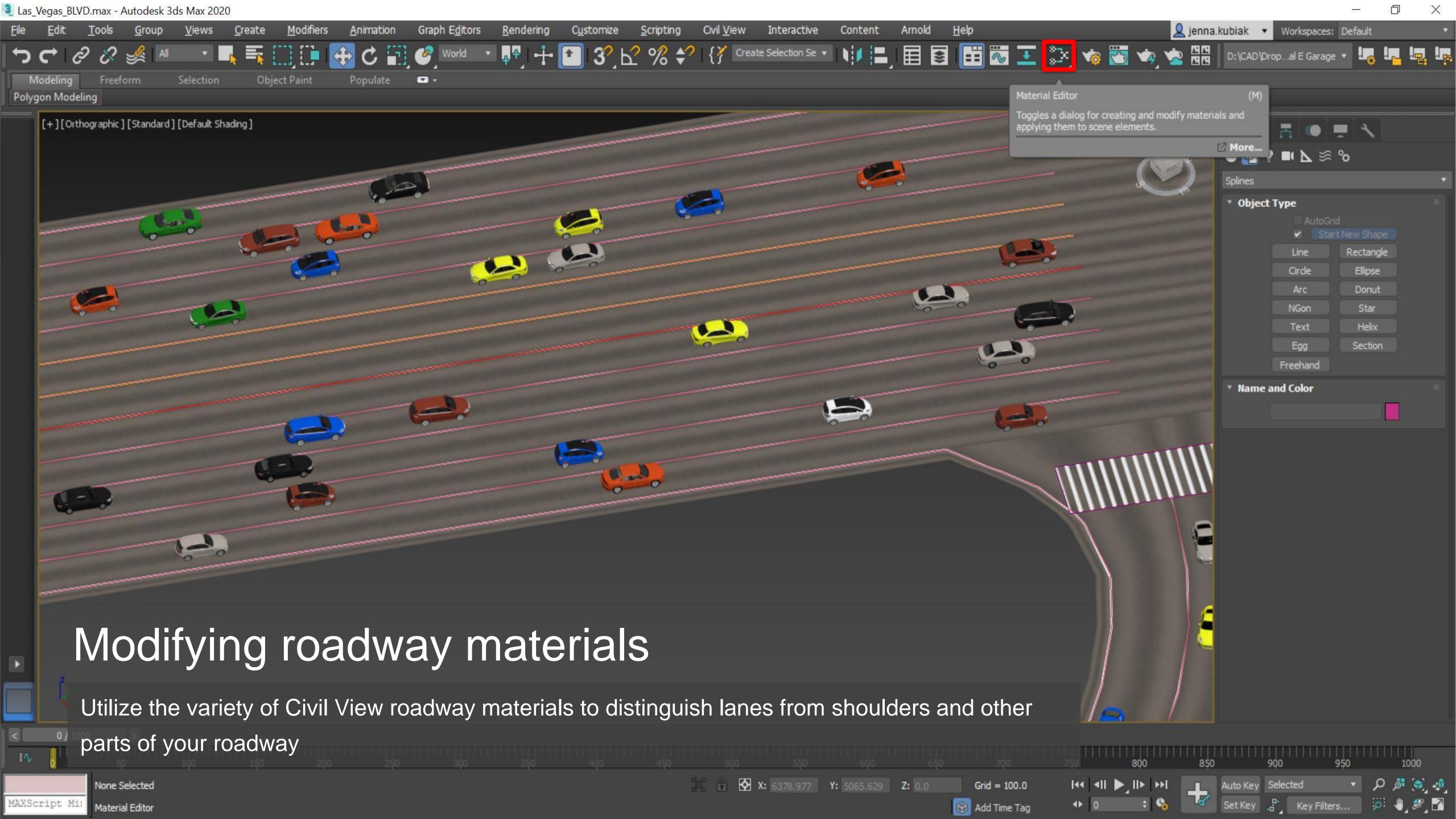


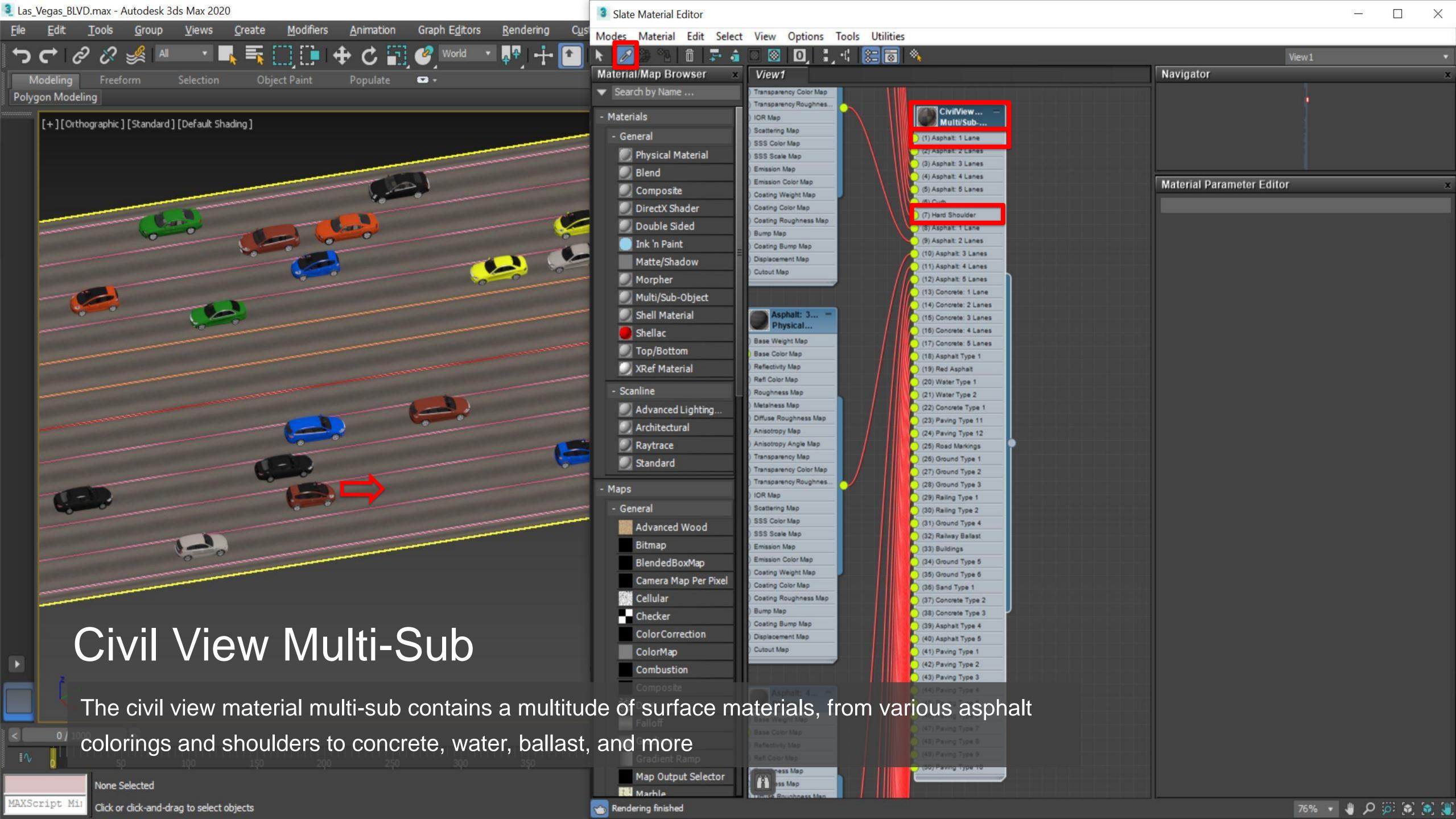


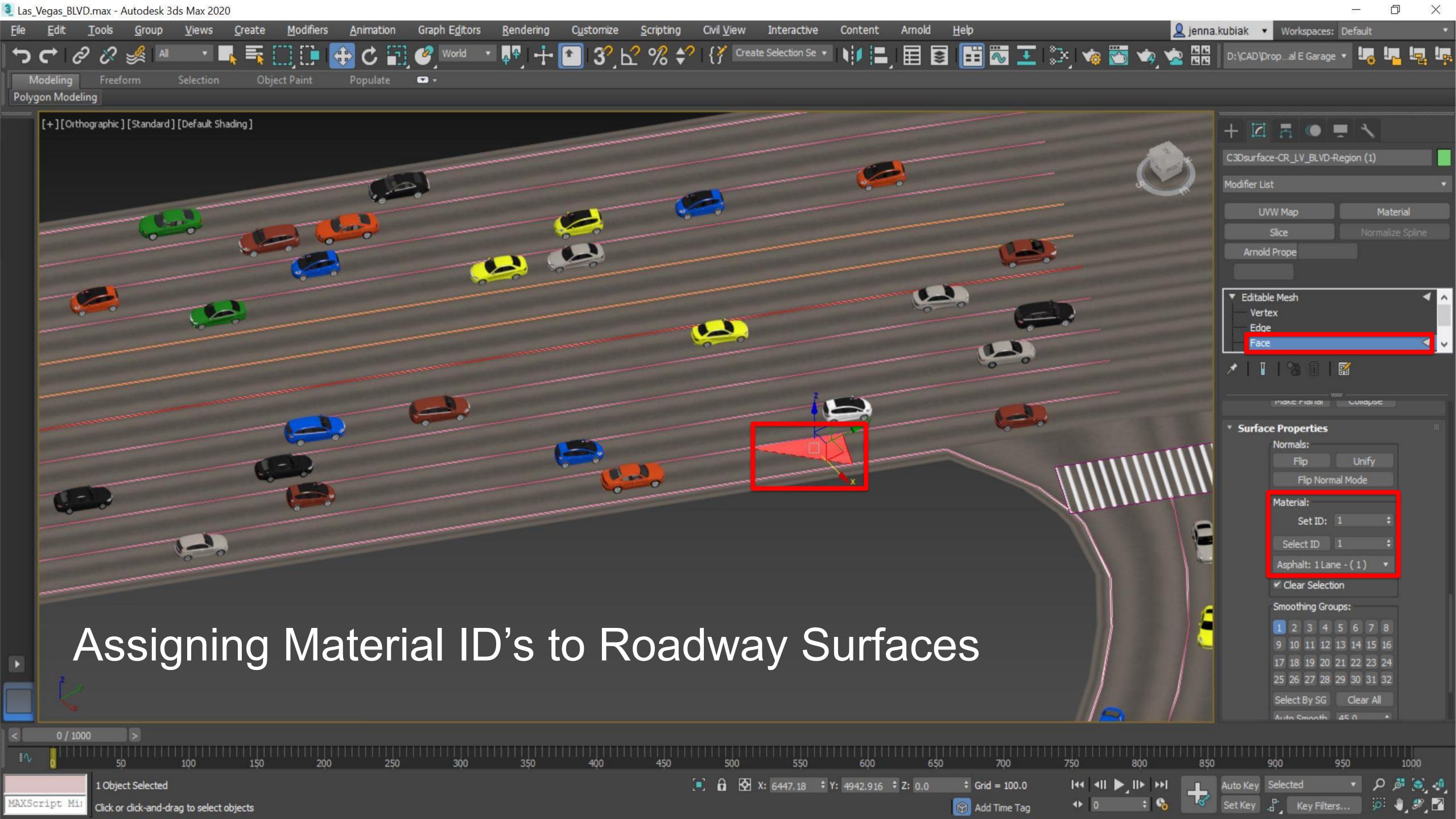


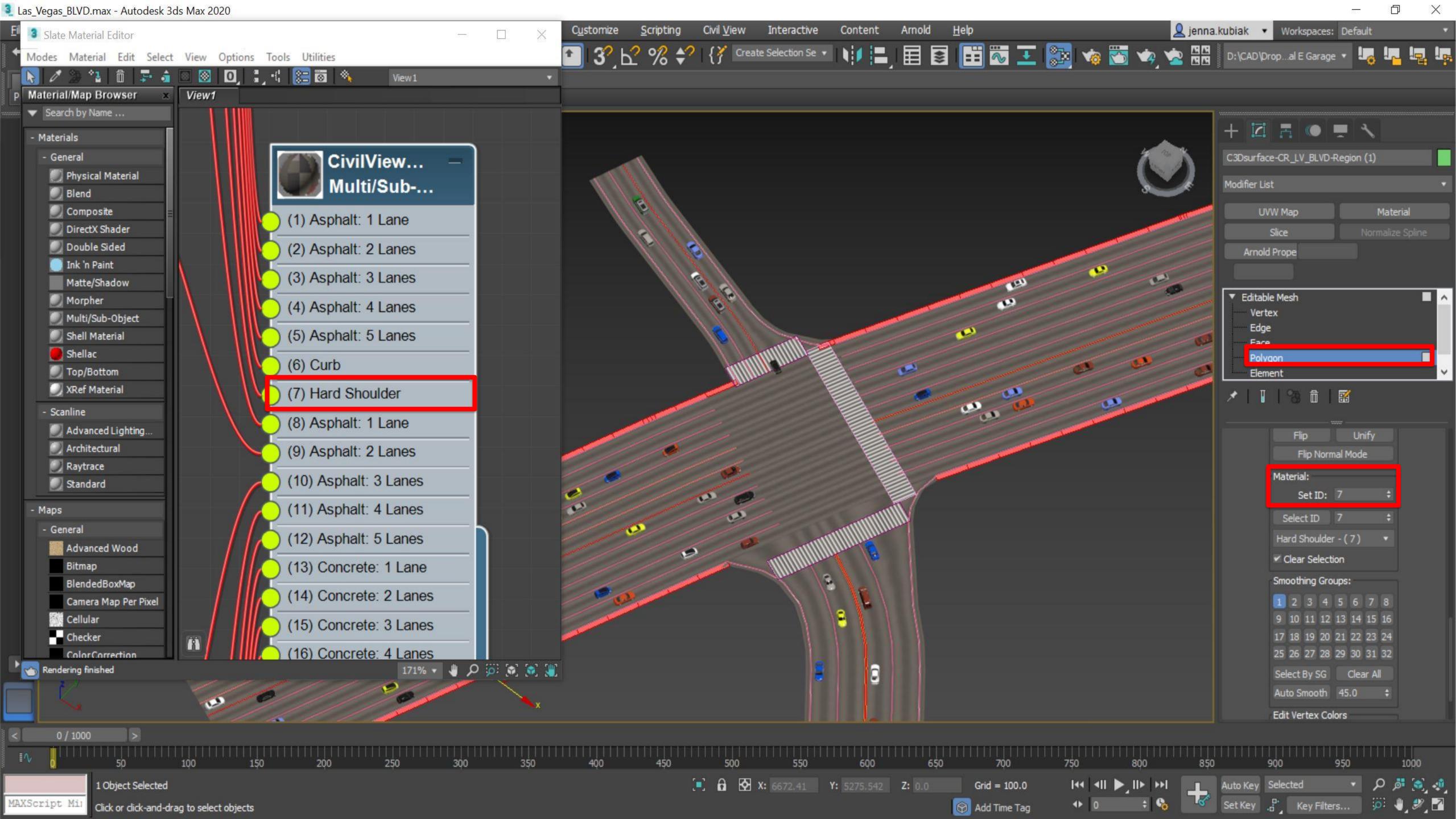


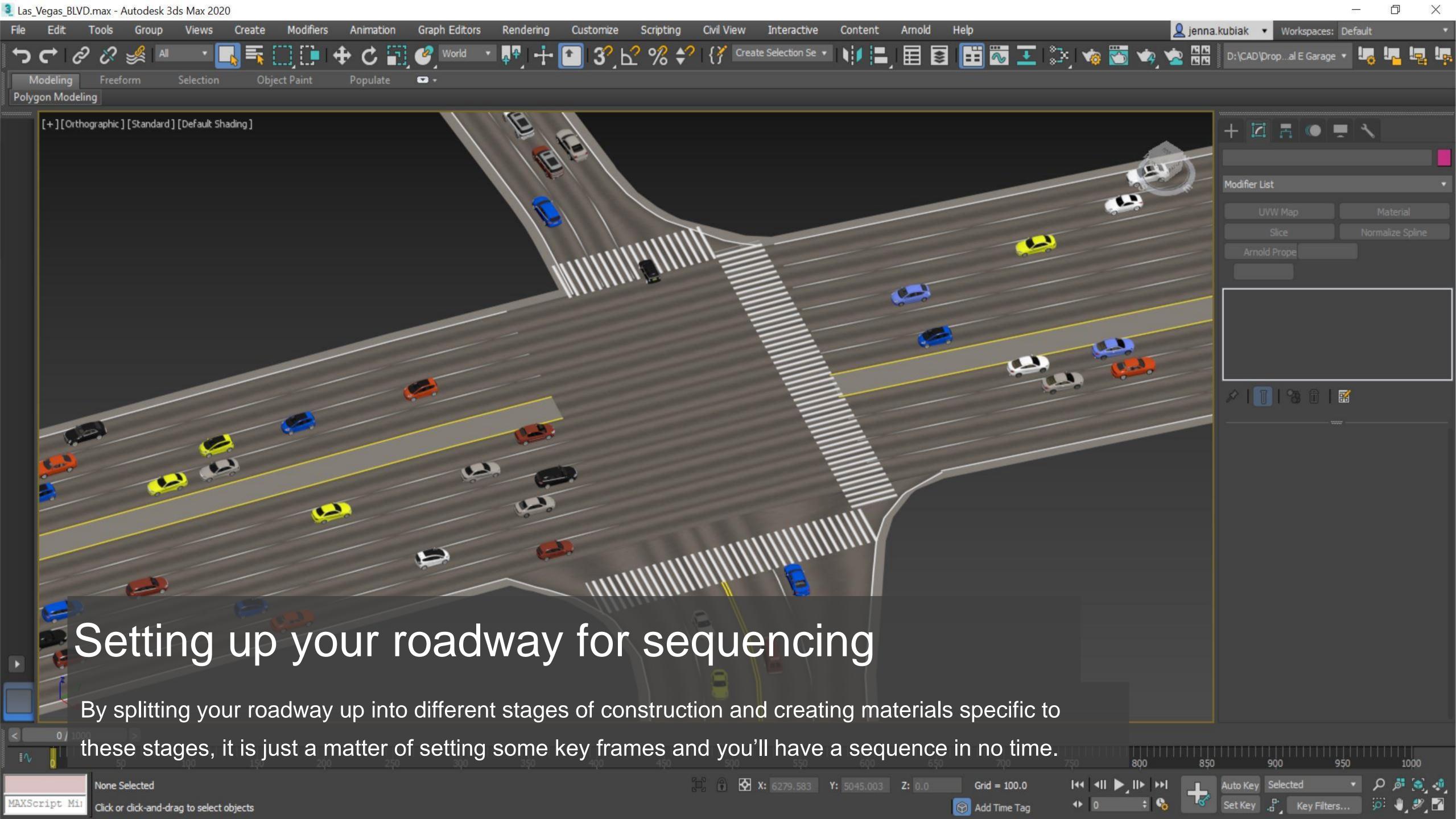


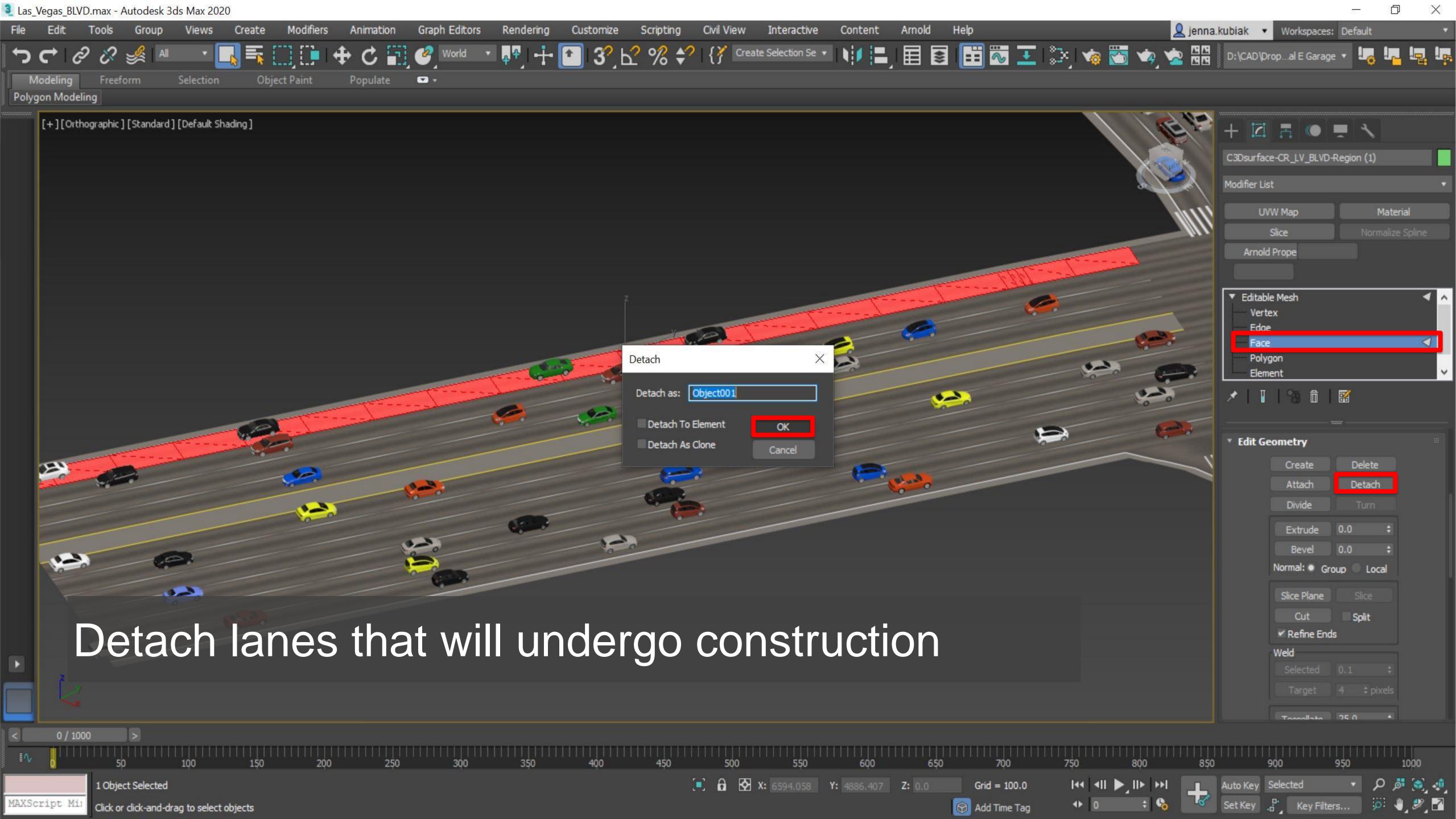


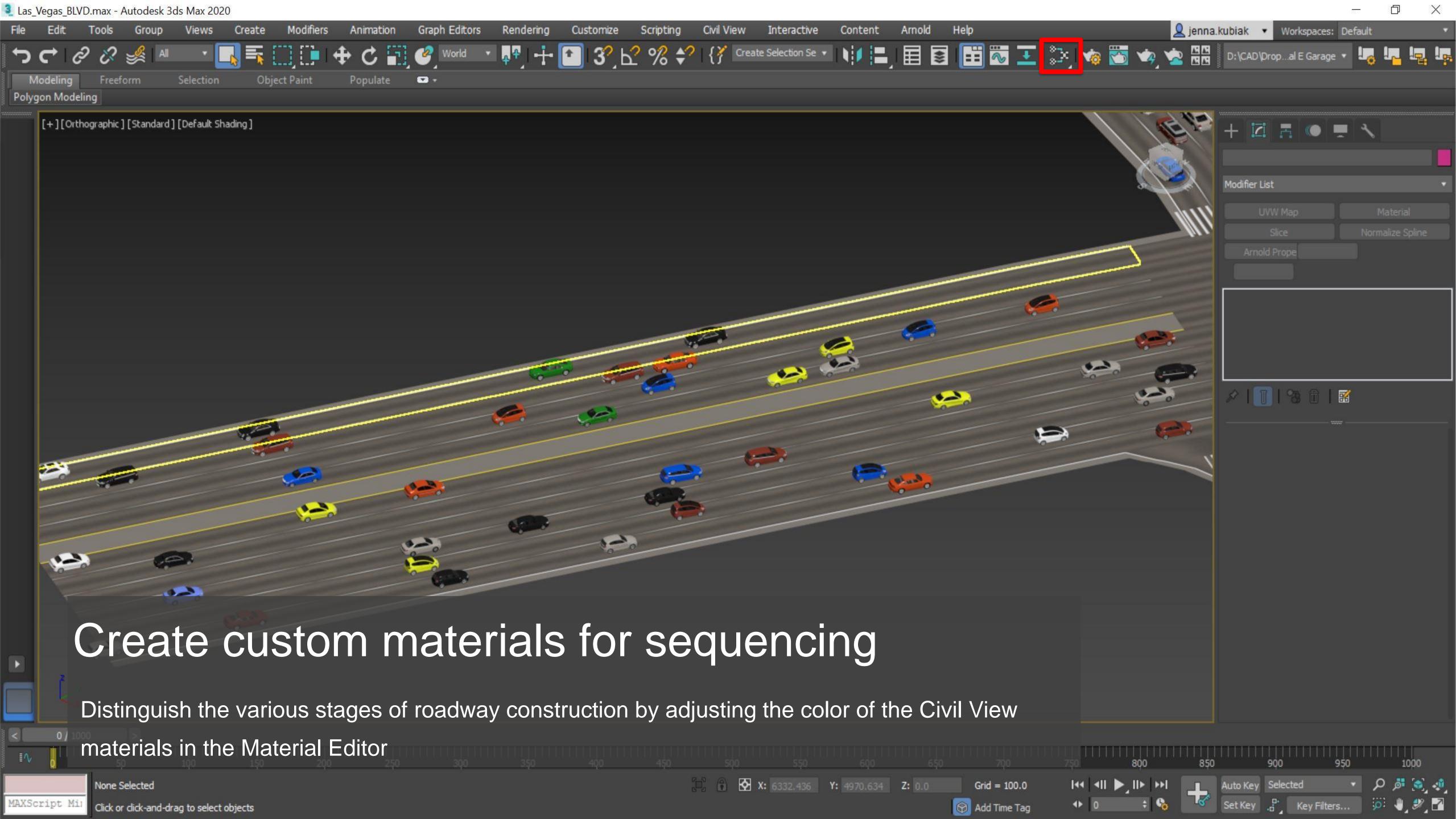


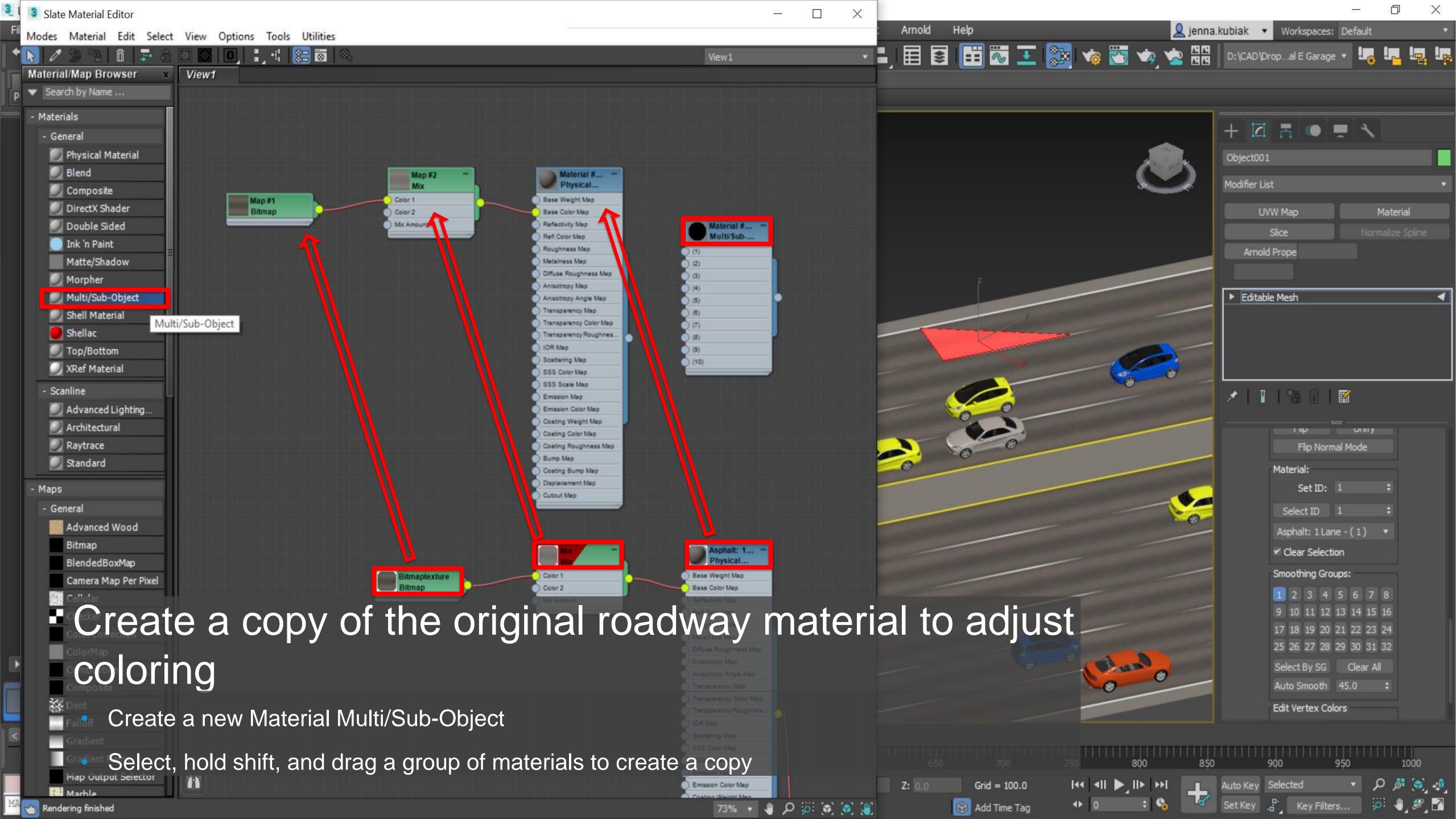


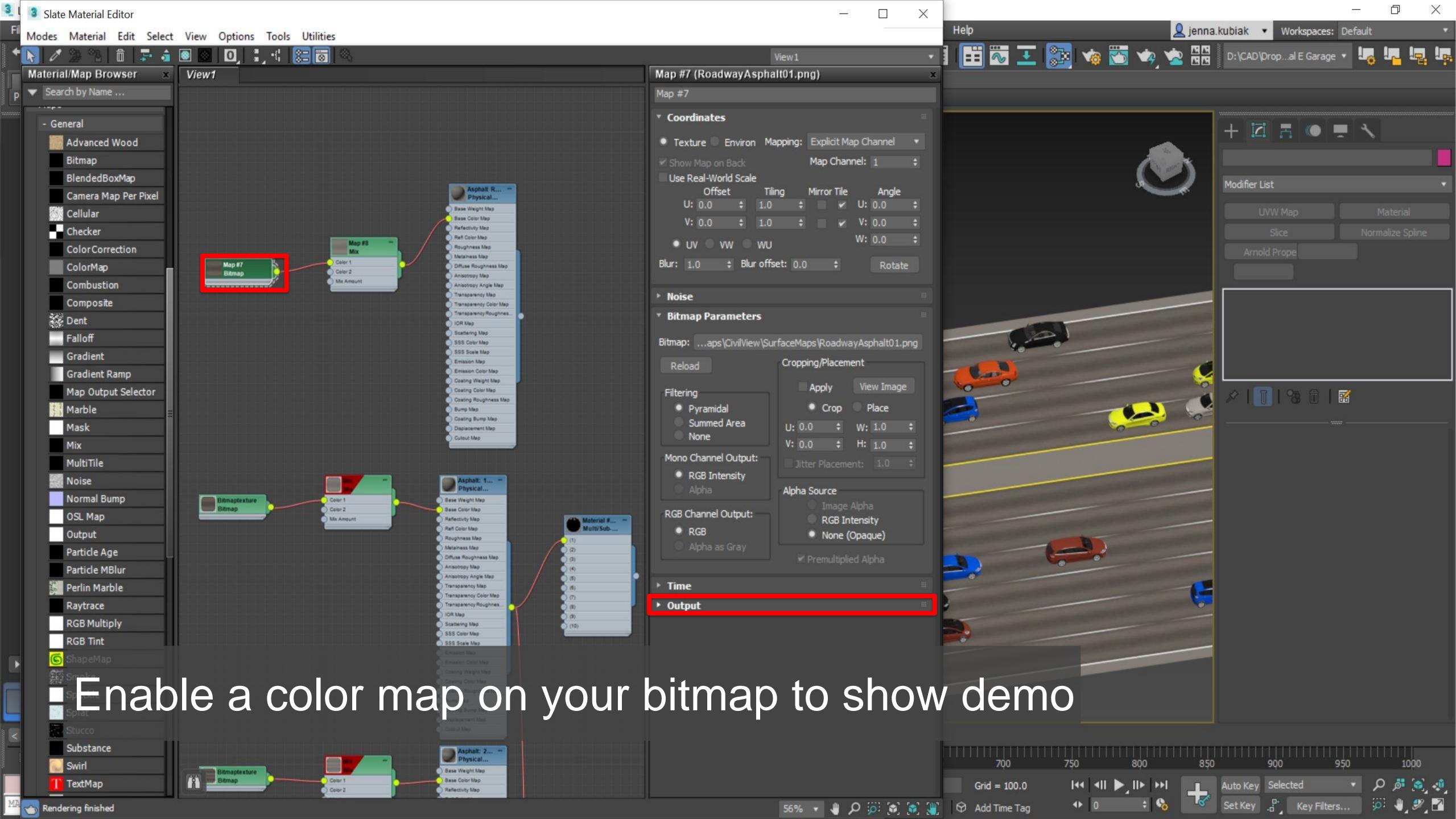


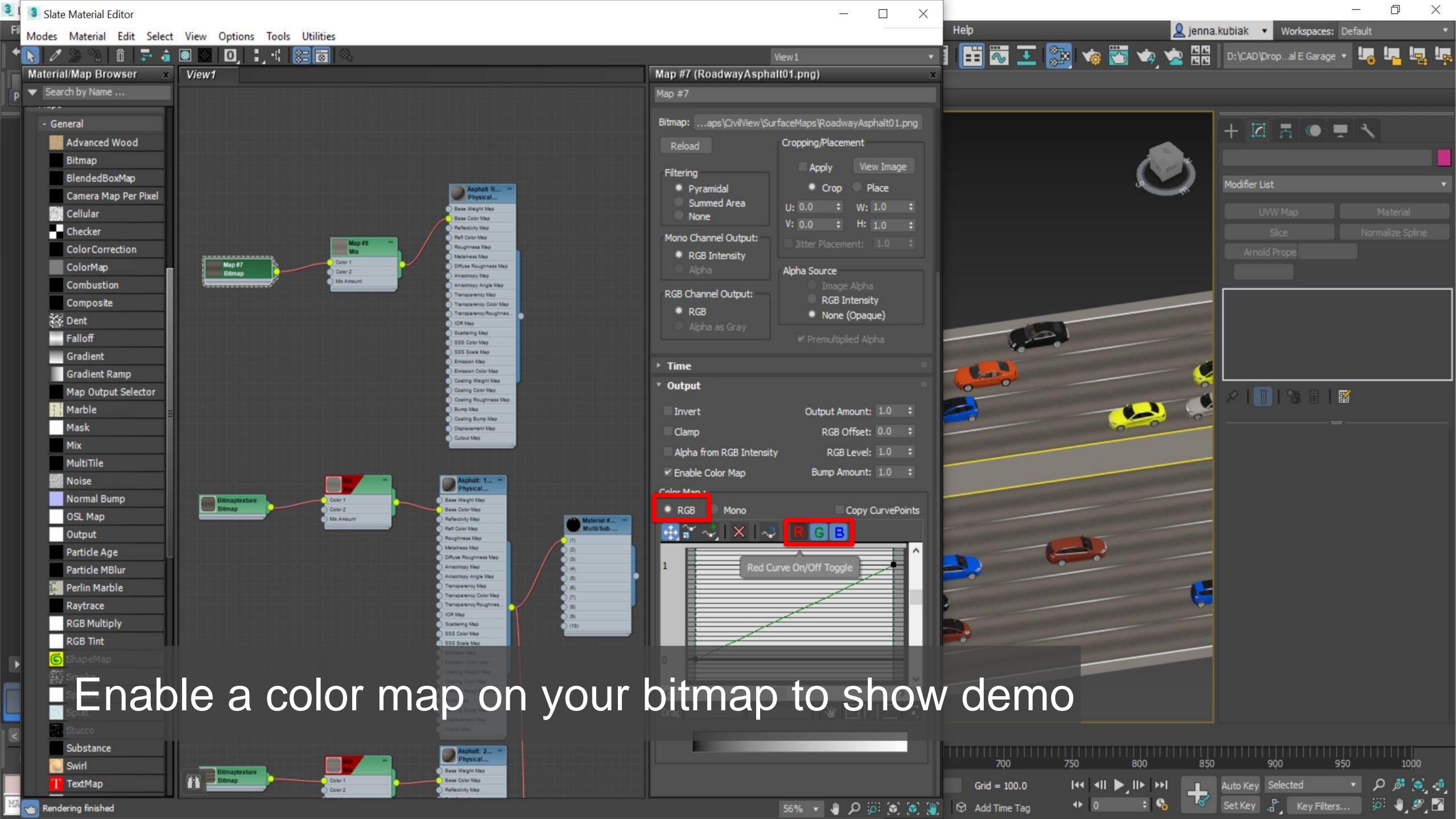


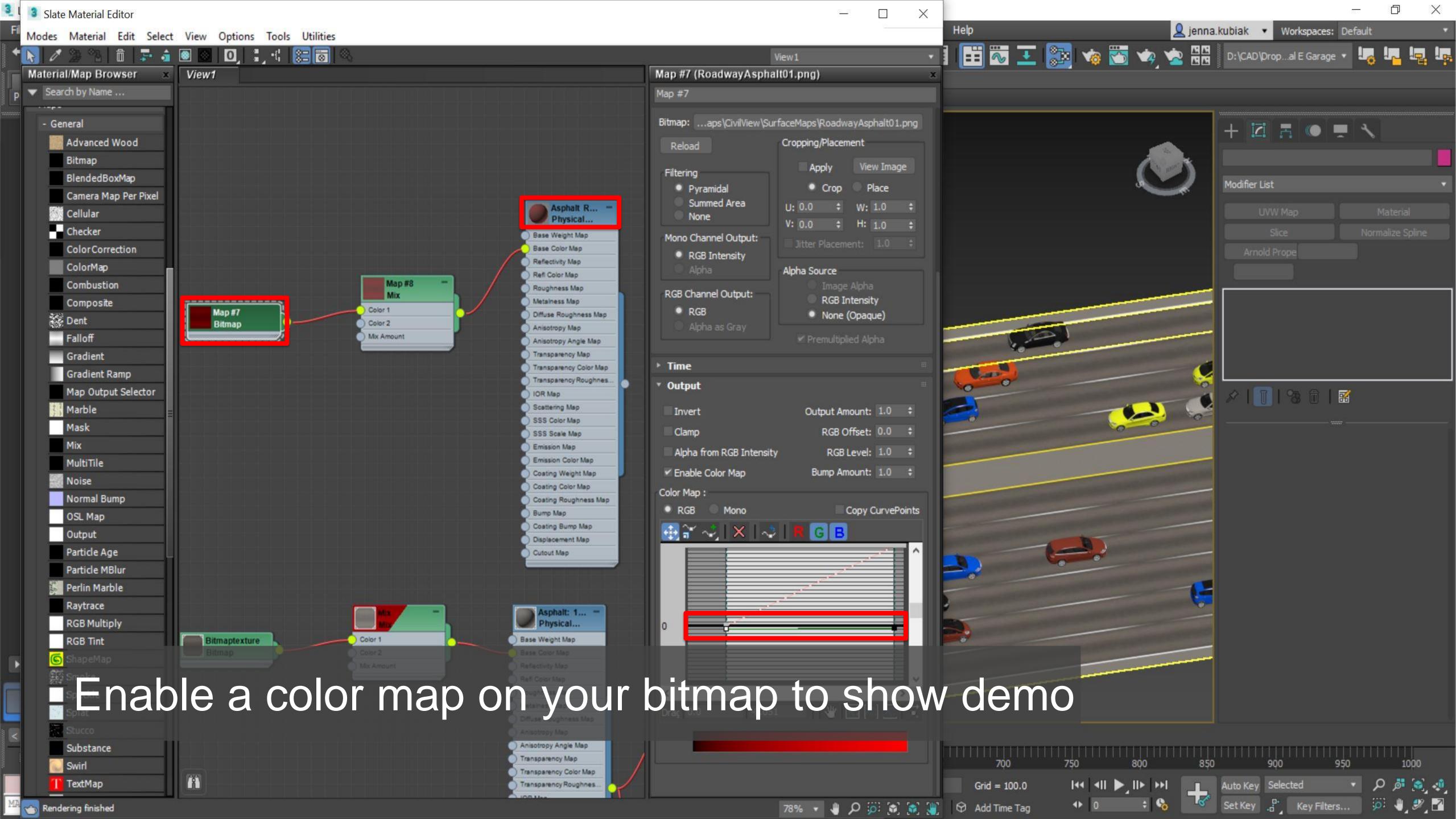


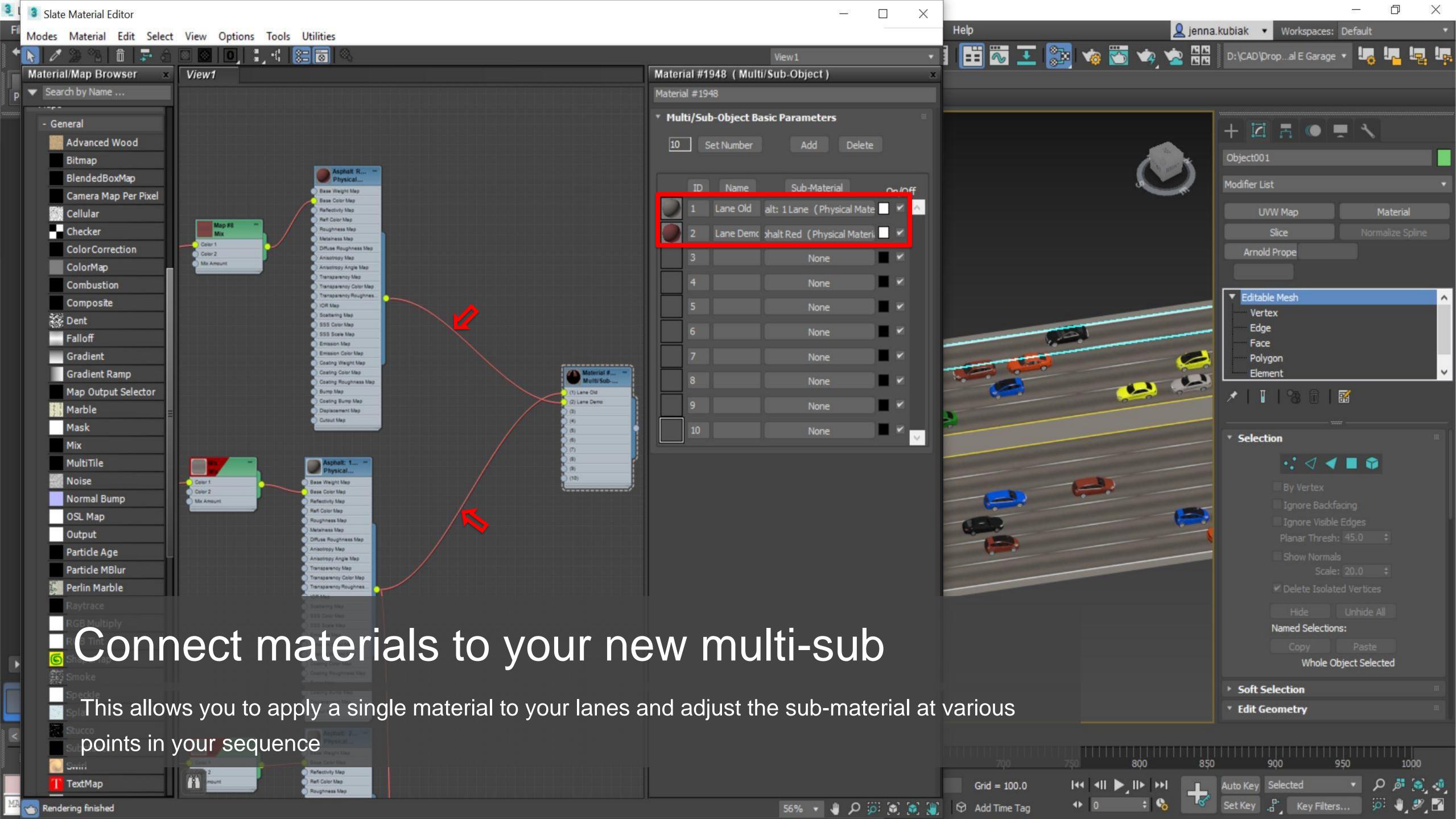


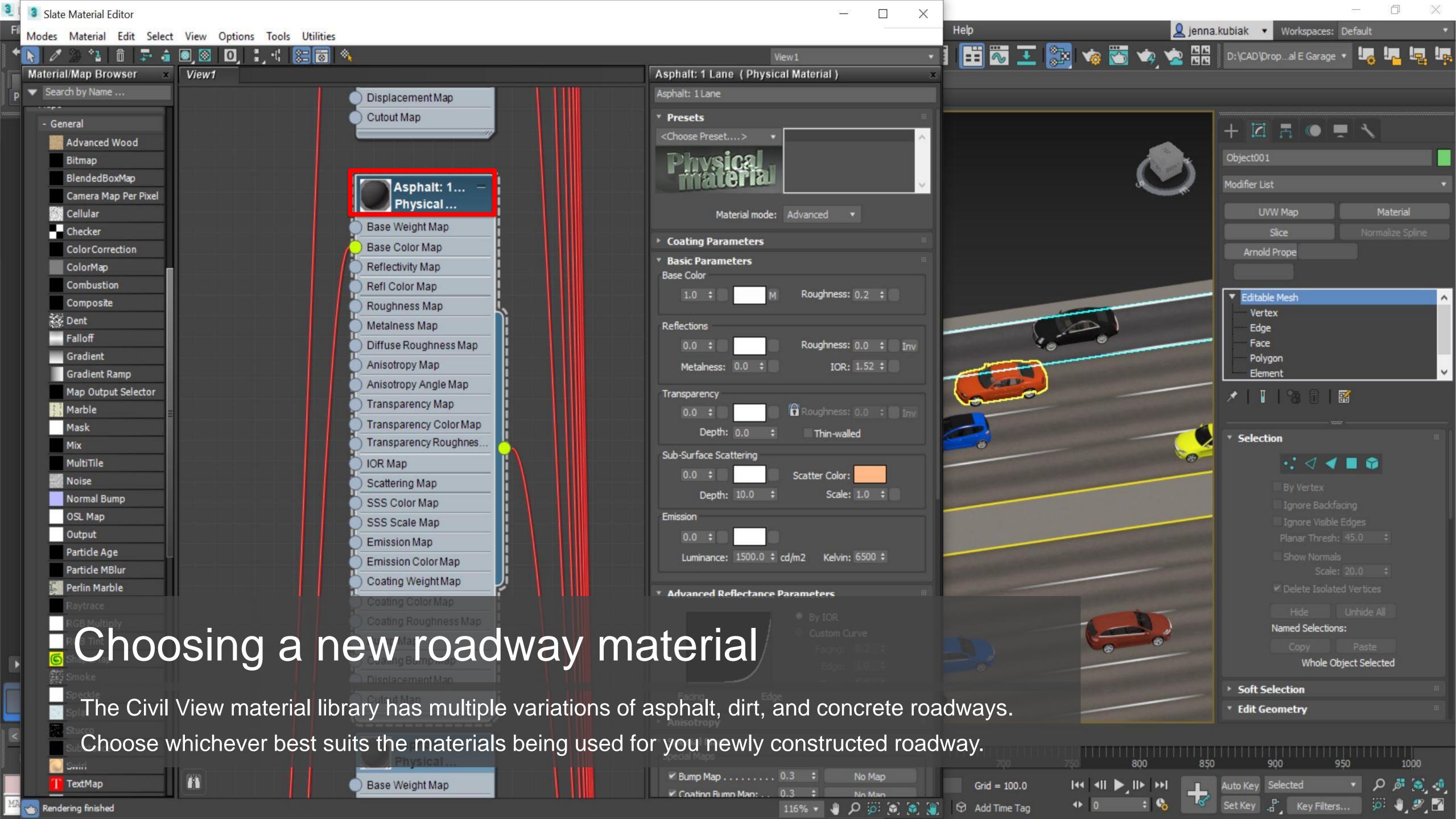


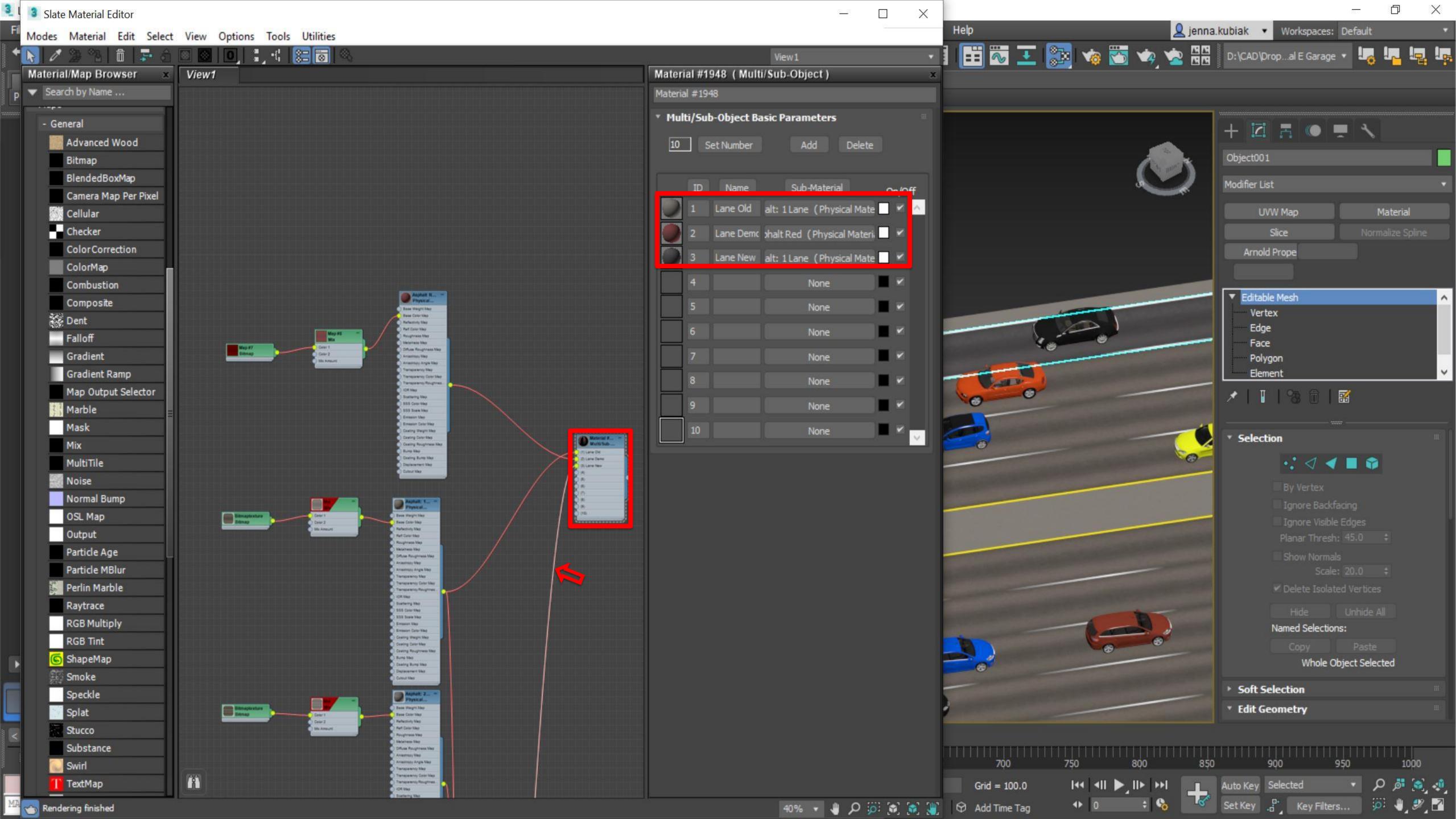


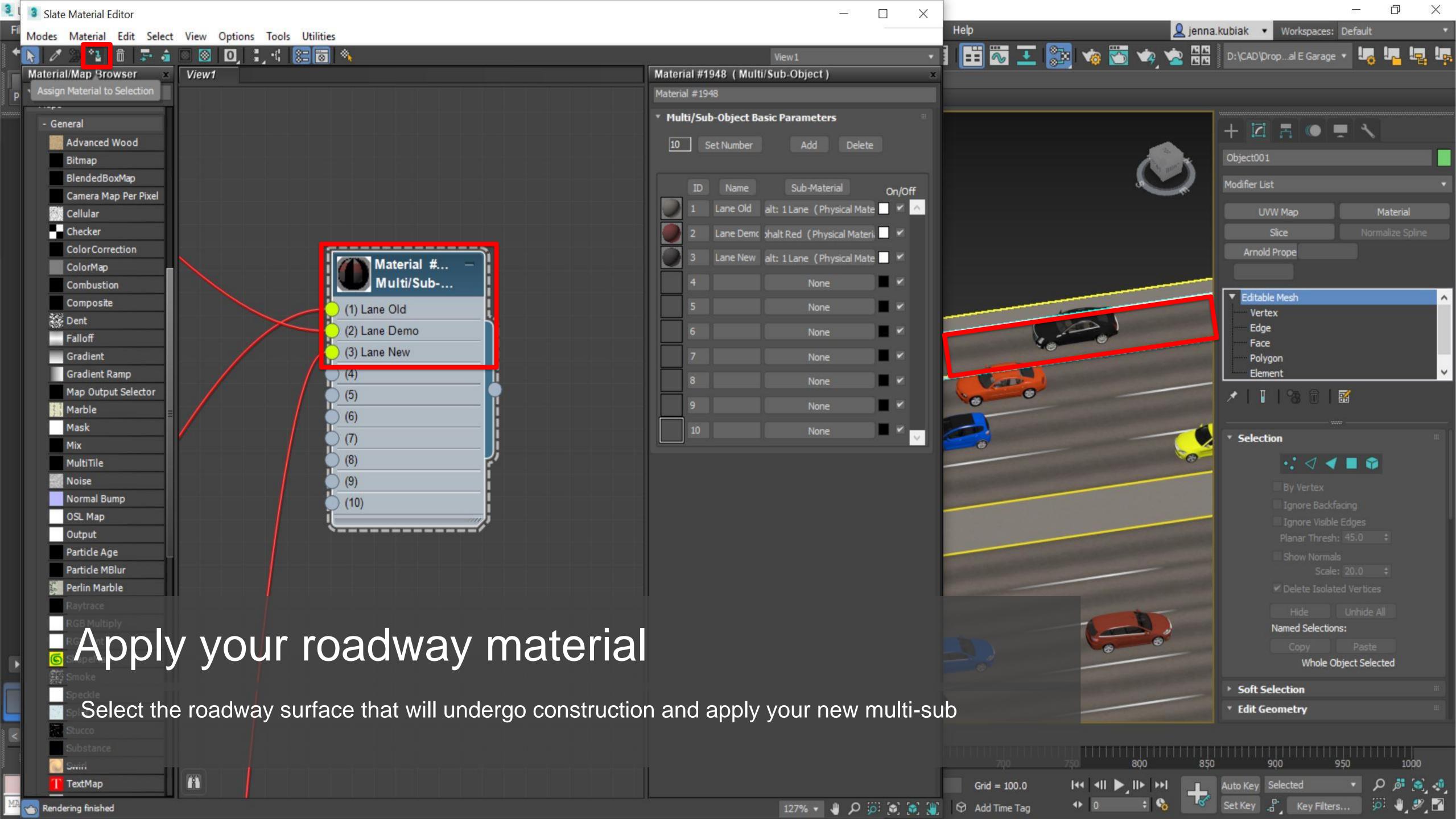


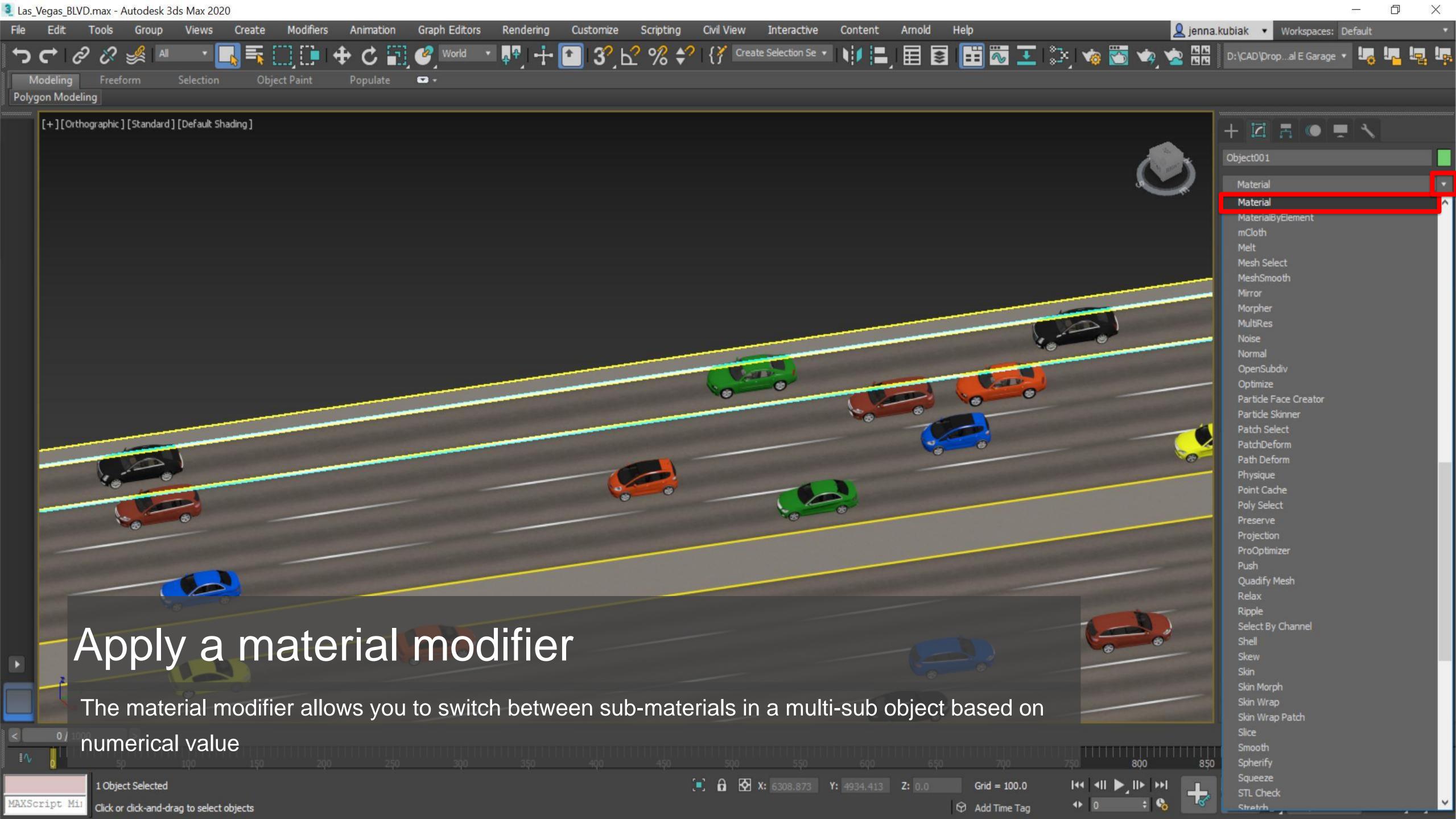




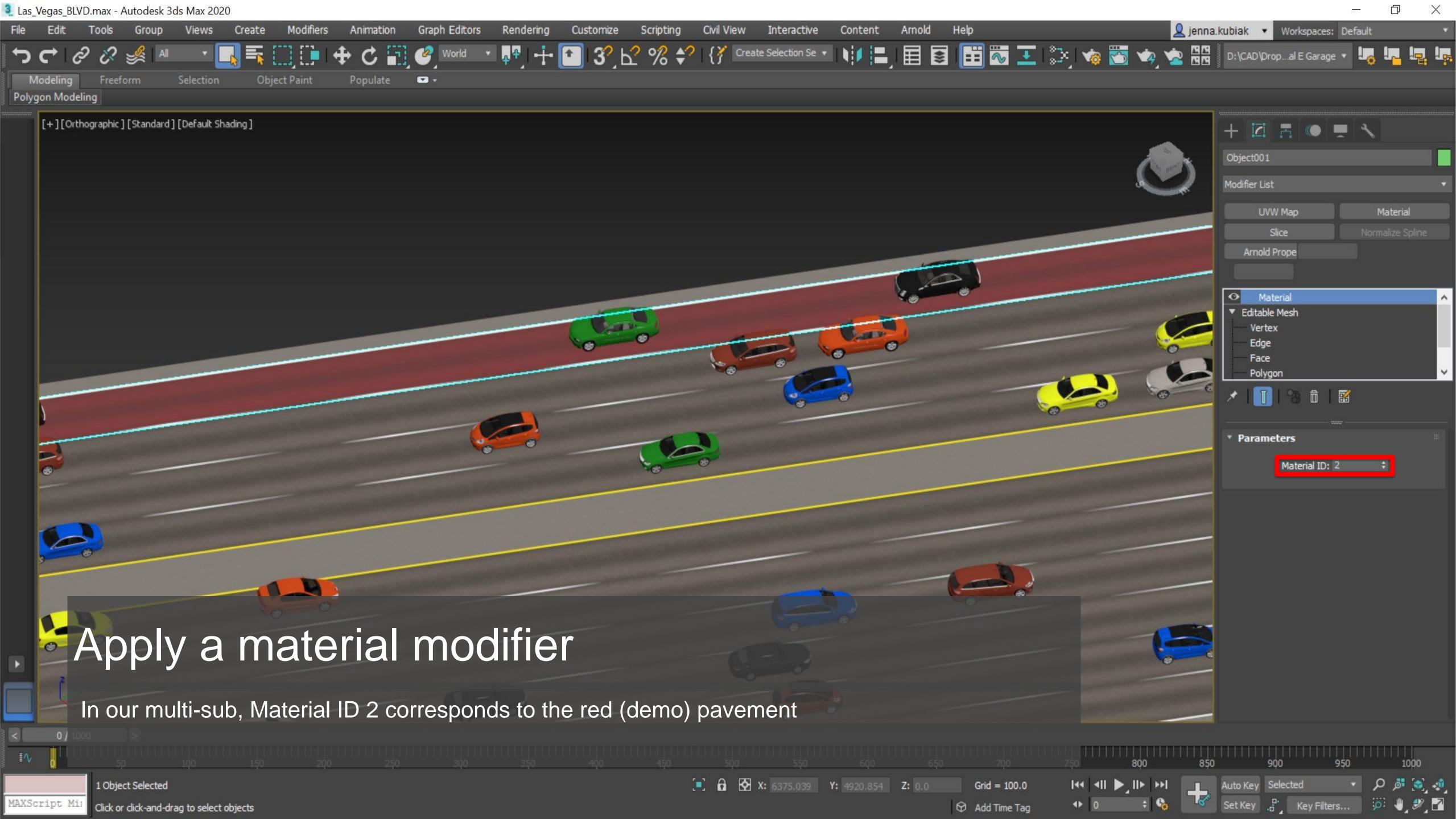


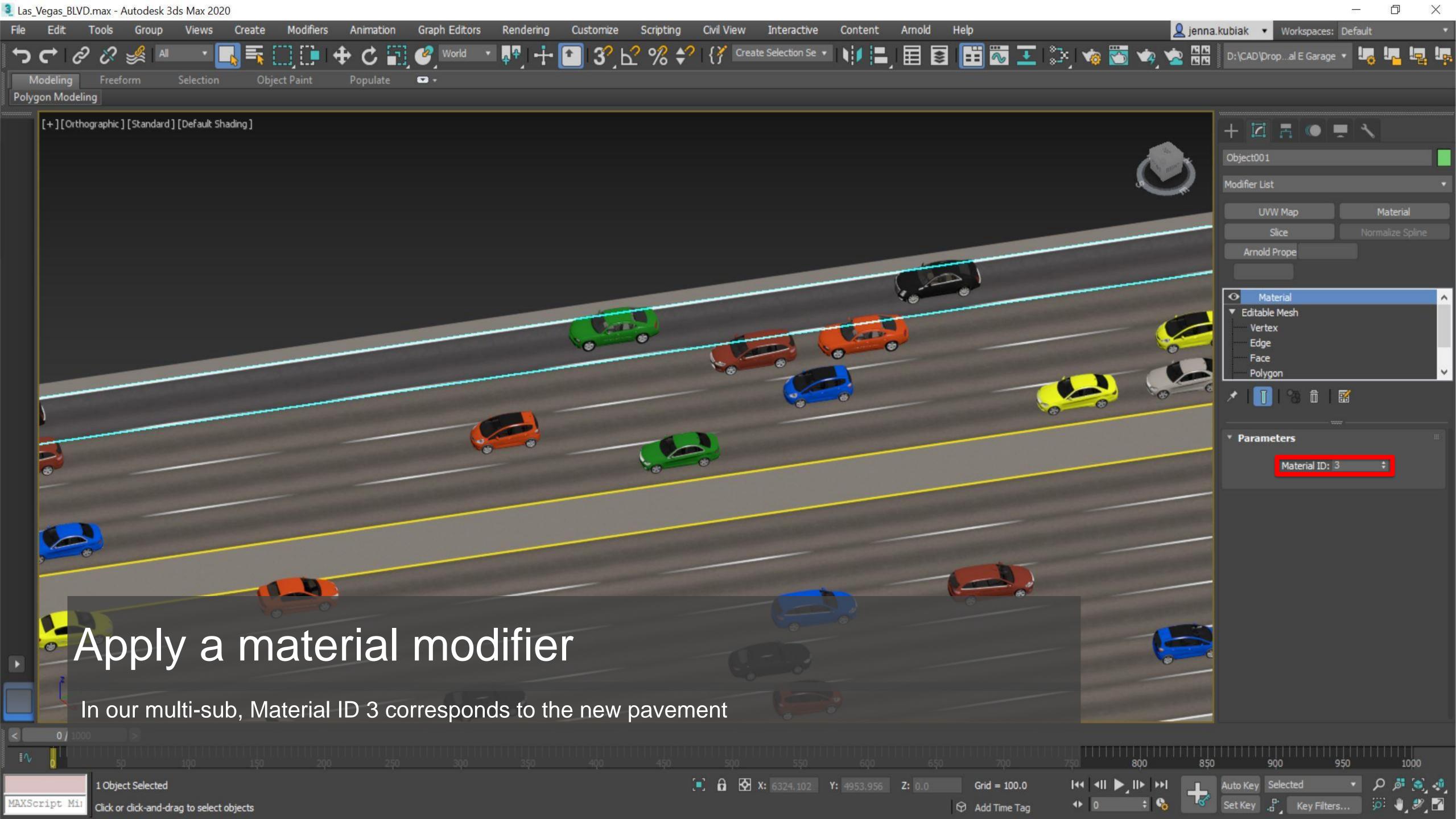


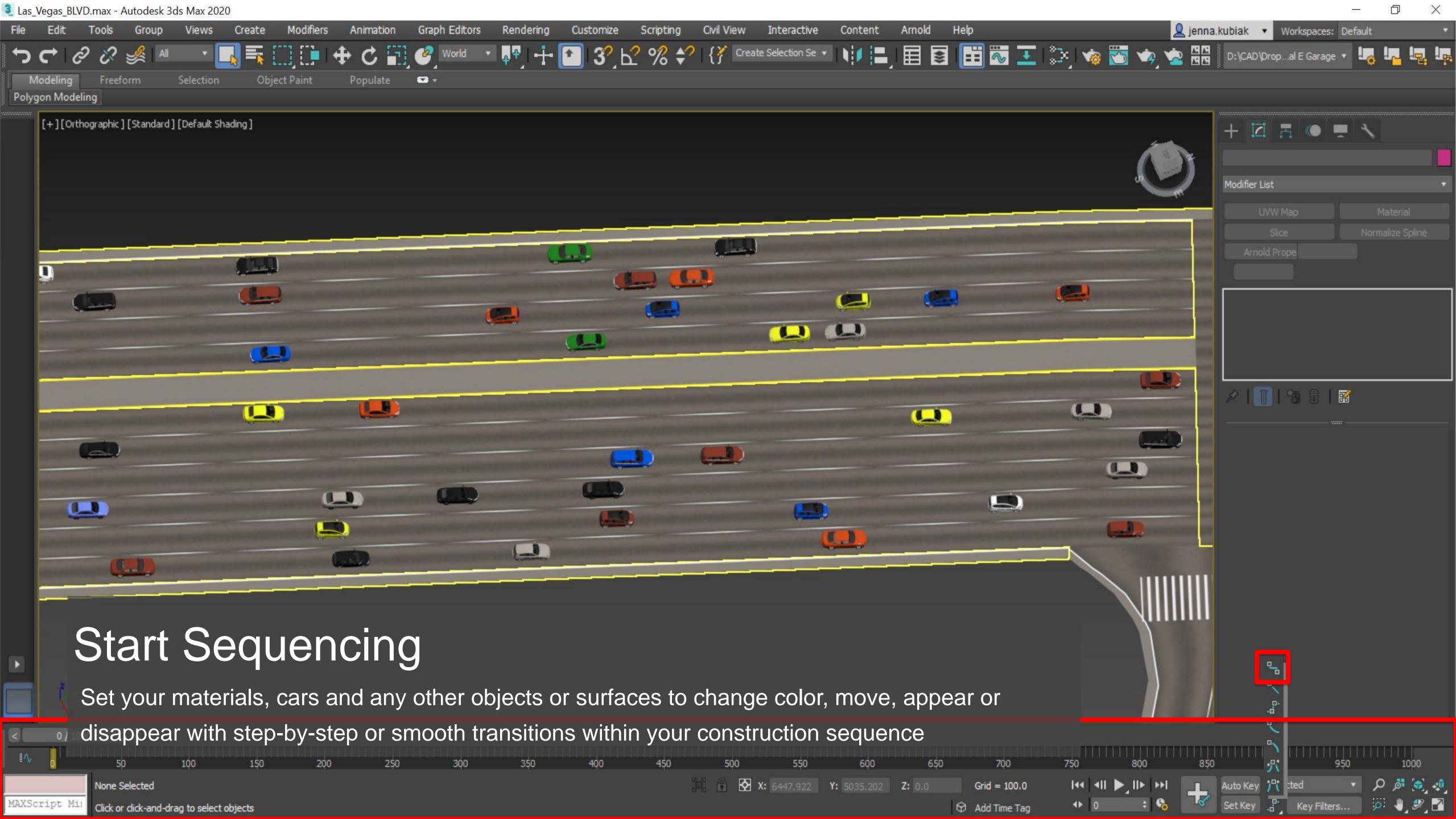


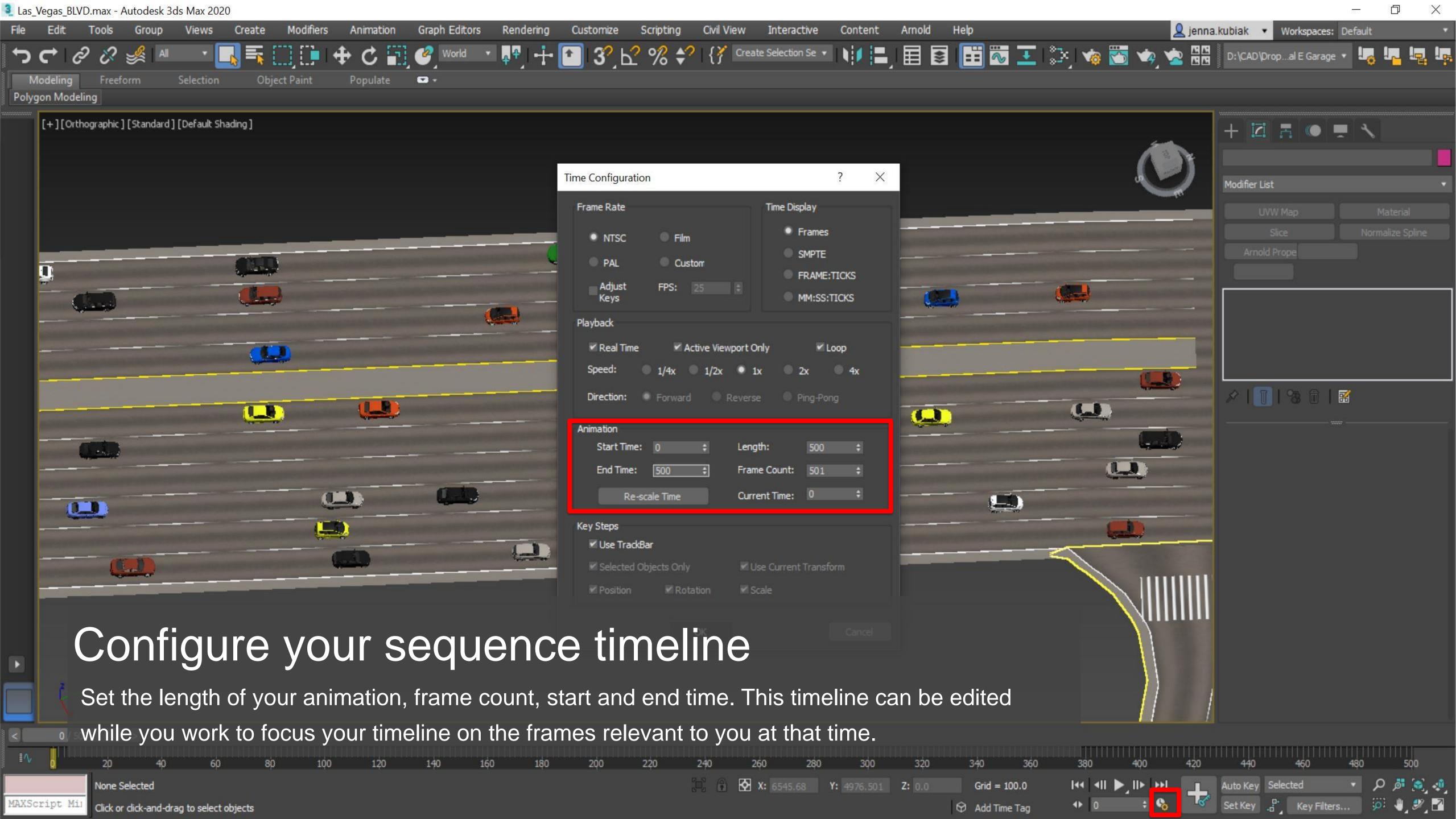


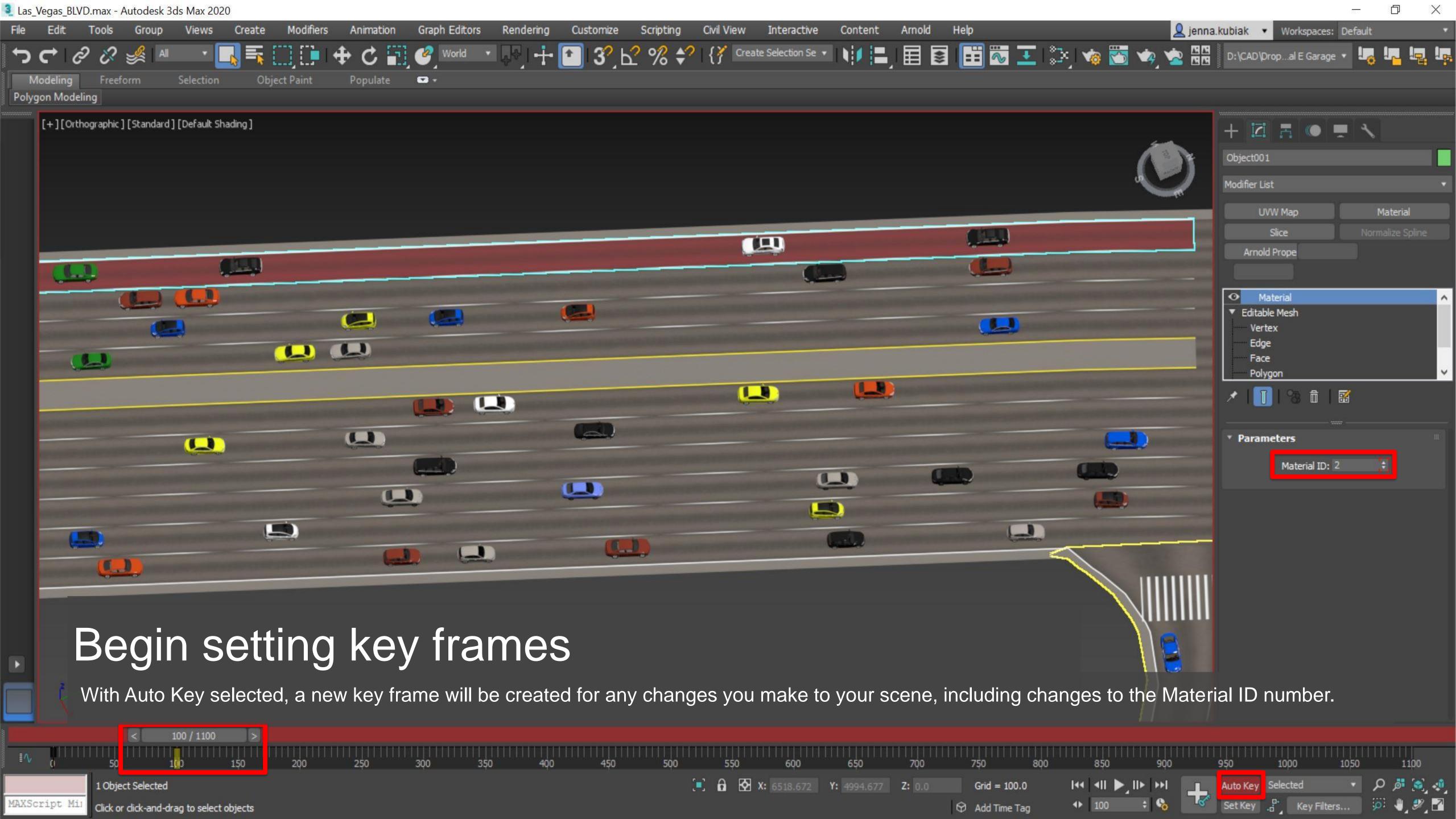


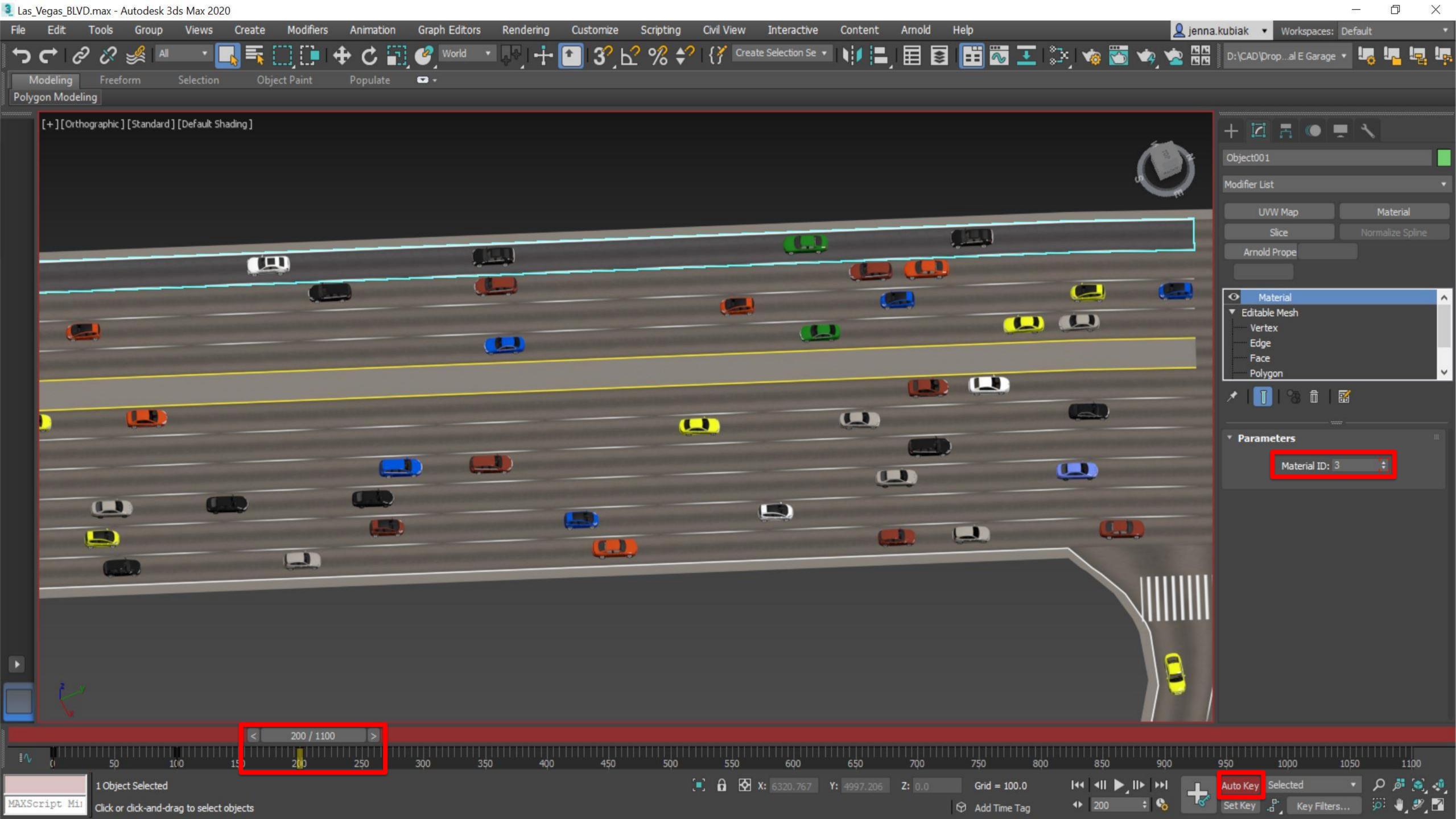


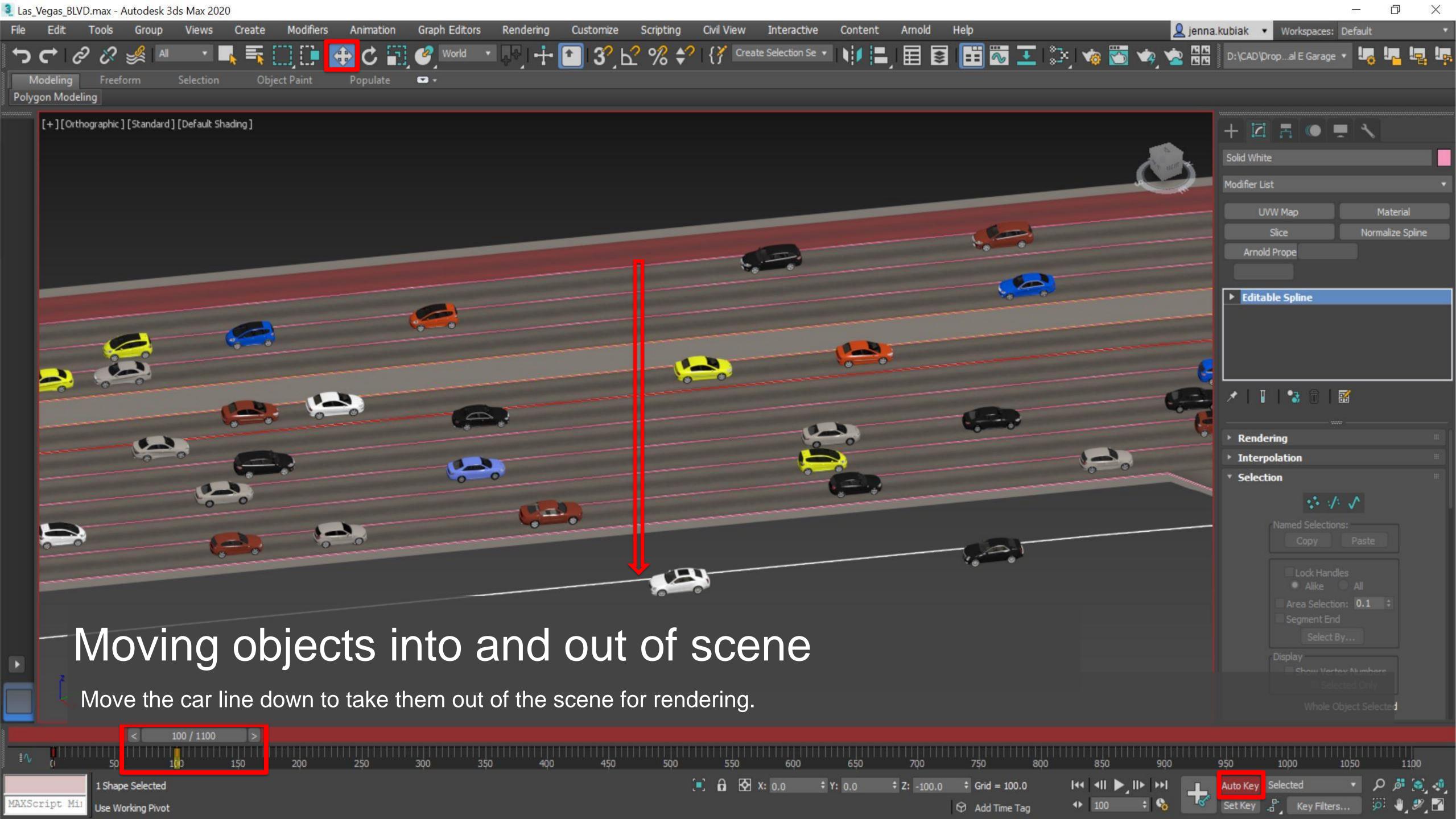


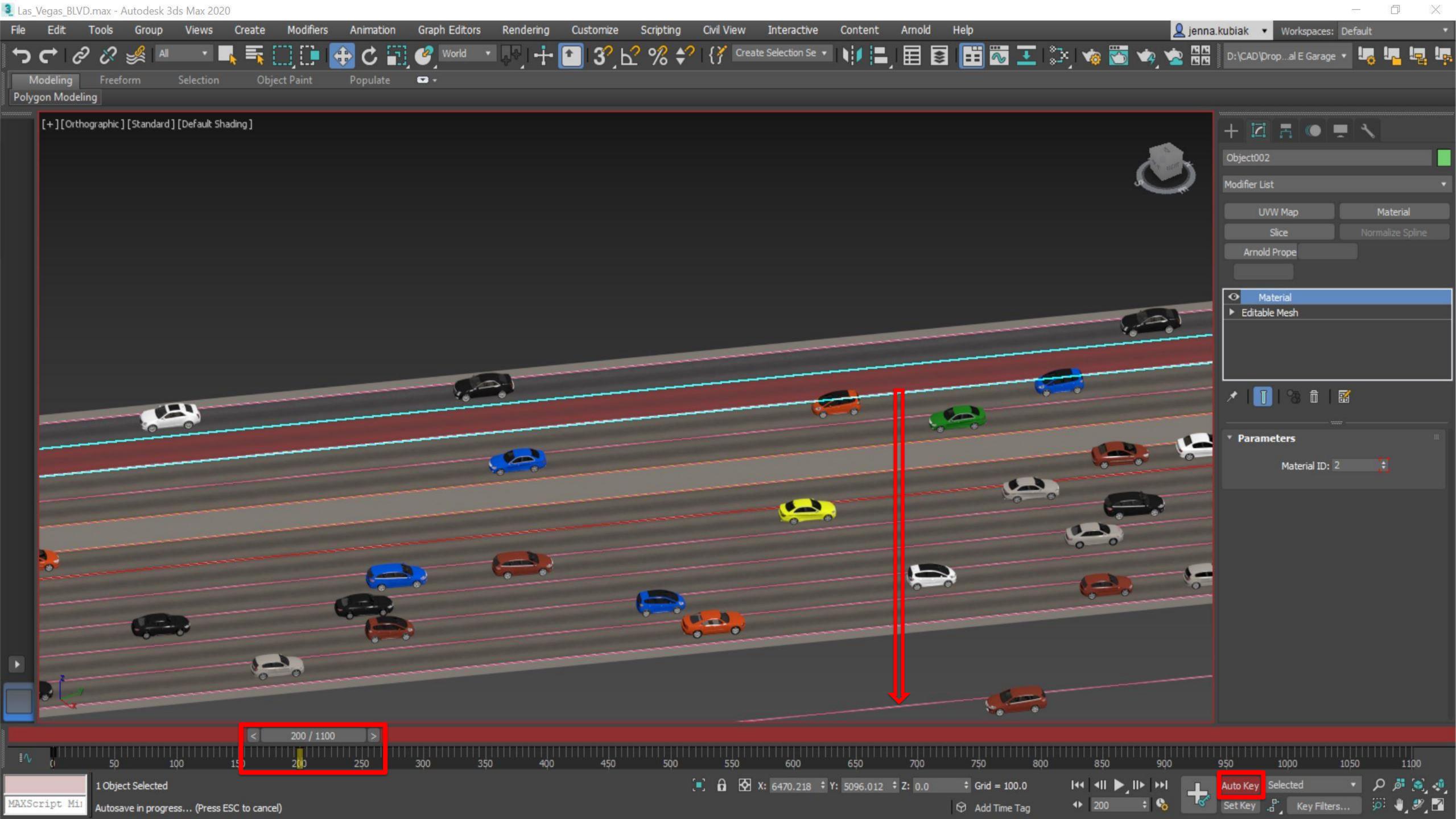


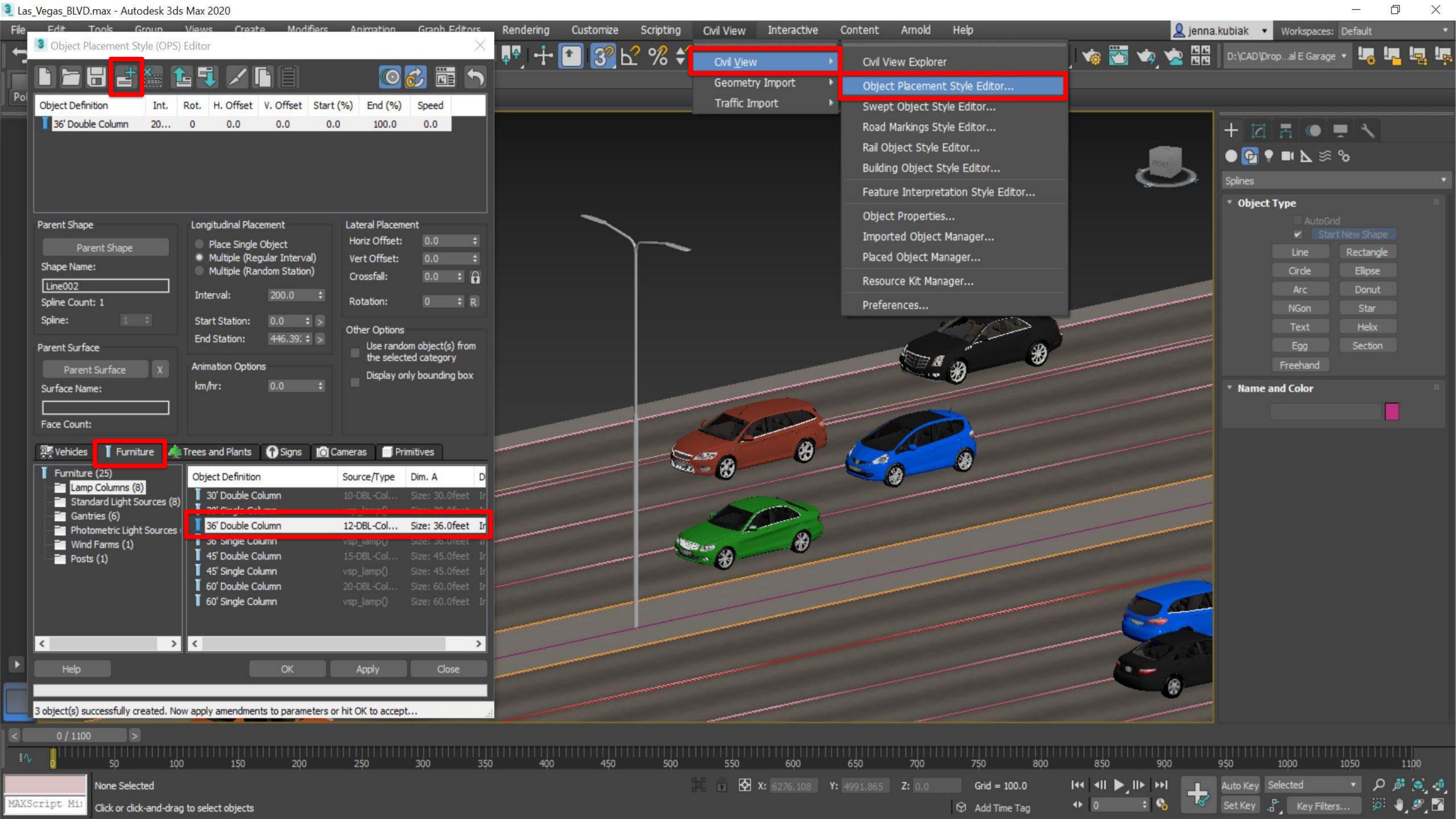


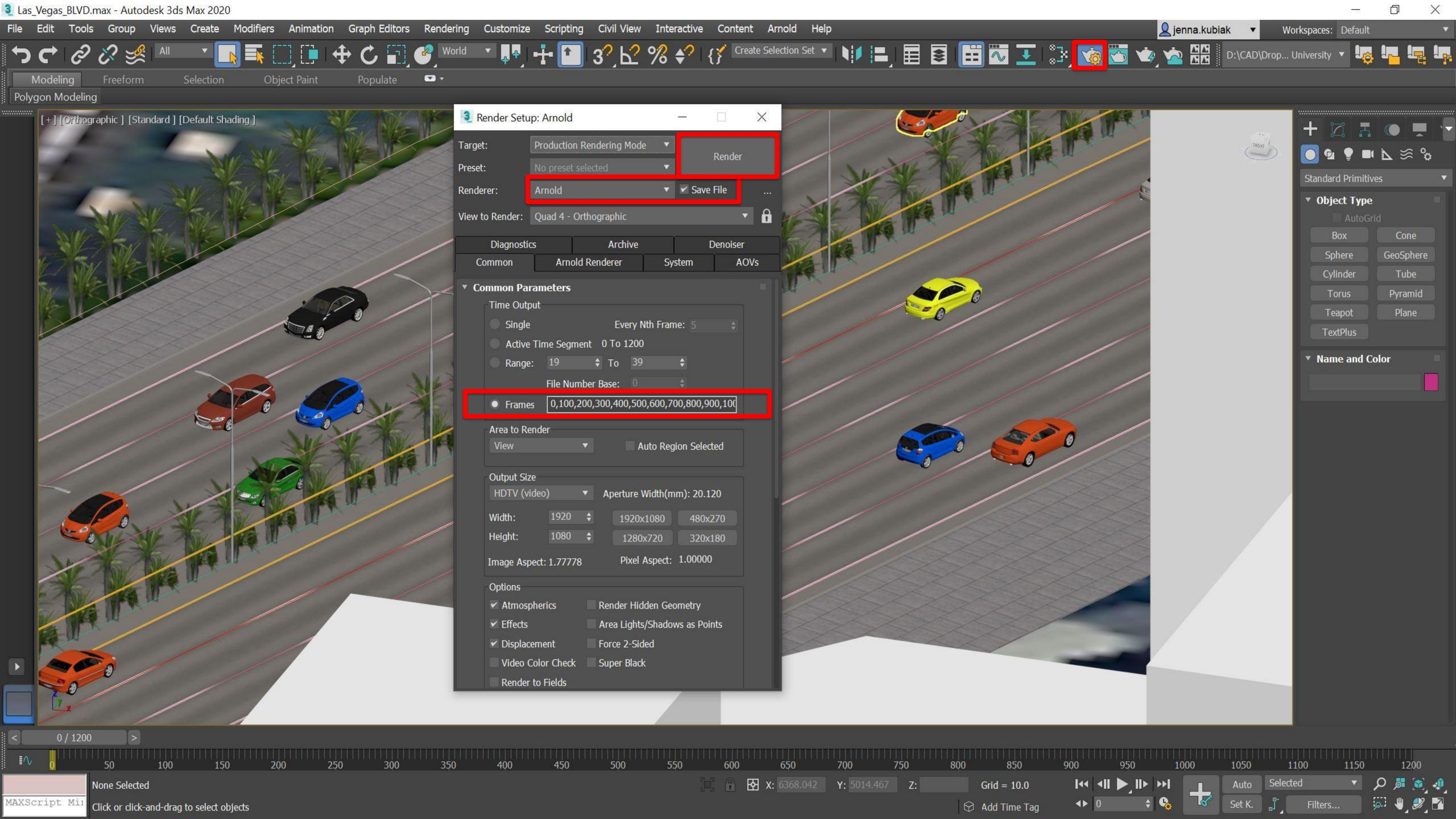




































## Questions?

## Thank you!