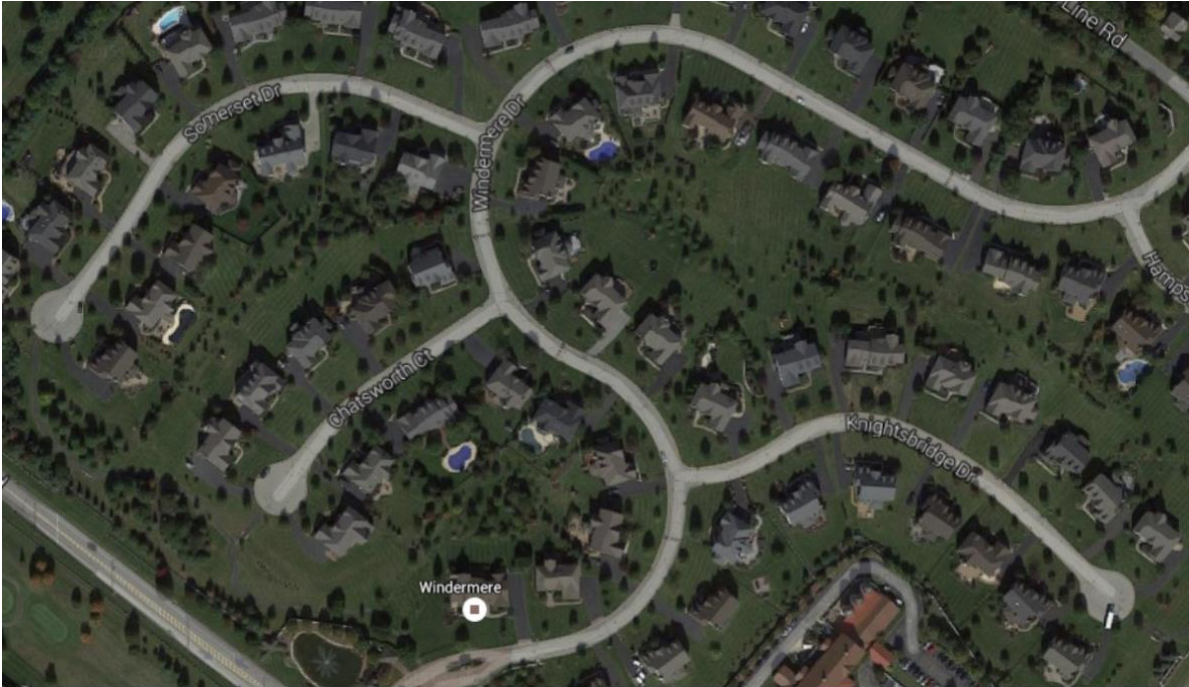![Autodesk logo]

Challenge assignment: Simulate a connecting street

In this challenge assignment, you will use the skills you learned throughout this course to create an alignment, profile, assembly, and corridor.

Complete the required activities:

Locate an aerial image of an area that you are familiar with that has at least two streets that are considered a "dead end." Aerial images can be screen captures from an online map or any other means. Reference in the aerial image and design a roadway to simulate a connection between two of the "dead end" streets. Utilize at a minimum an alignment, profile, assembly and corridor.

Assessment Criteria – Rubric

Grading Area	Points	Student Score	Comments
Aerial Image referenced	15		
Alignment designed	15		
Profile created	15		
Assembly built	15		
Corridor Created	20		
New roadway design approximates existing roadway width and layout closely	20		