

Instant Road Nui Overview

Features

Create roads, pathways, and waterways on a terrain using either an outline or a centerline for input.
Create curbs, sidewalks, depressed road surfaces, or raised road surfaces.
Create center medians and islands
Make connecting roads using lines or faces
Choose from many preset styles or create custom user style library
Create road striping, arrows, and markings from preset style libraries or create your own styles
Edit roads and curbs to revise elevations and slopes and make cross slopes
Smooth out road and curb bumps
Follow terrain elevations, follow input line elevations or use call-outs for road elevations
Use fixed shoulder width or use variable shoulder based on desired cut or fill slopes
Supports multiple closed loops and "X", "T" intersections
Supports Flat, Crown or "V" road profiles. (Crown or "V" limited to road *From Center Line* method)
Supports all SketchUp units: Metric, Feet/Inches, etc.
Simplify road outline curves.
Take off quantities for road surface, import/export, curb length.
Query model slopes and import/export data for road objects
Menu options supported with both thumbnail and enlarged images.
Su 7, Su8, Su2013, Win XP, Vista Win7, Win 8, Mac Leopard, Lion, Mountain Lion, Mavericks
An internet connection is required in order to execute this script.

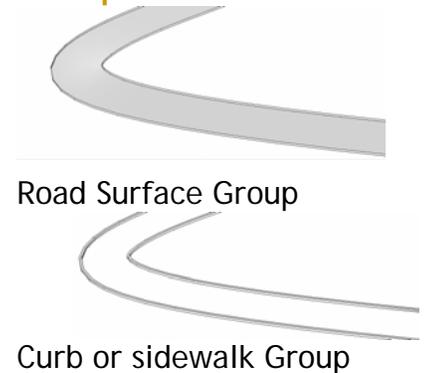
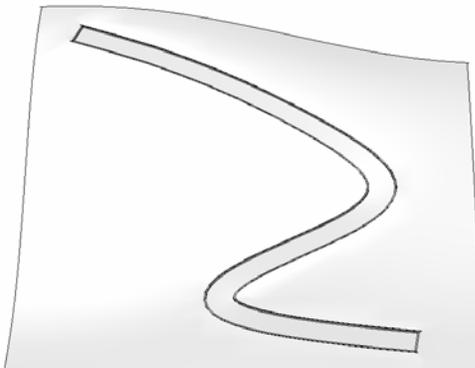
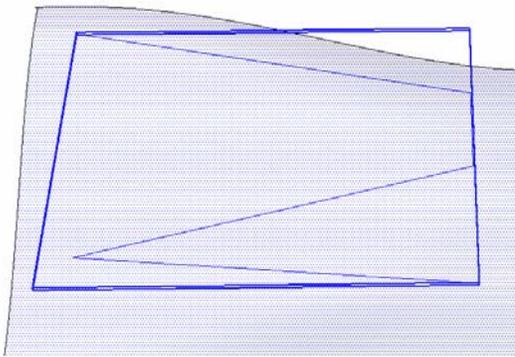


Create Road from CenterLine

Selection: active terrain plus group

Output:

Groups added to model:

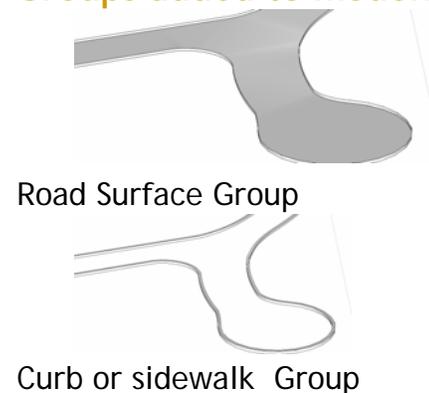
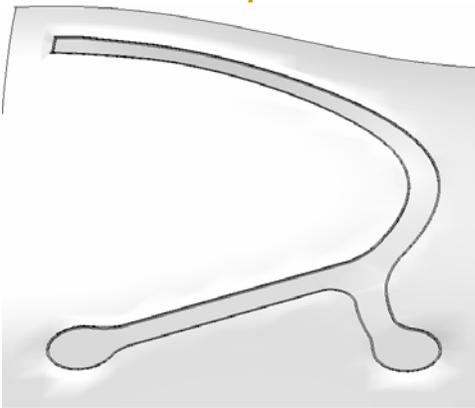
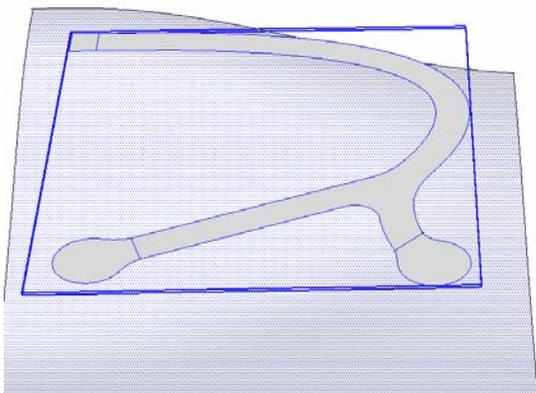


Create Road from Faces

Selection: active terrain plus group

Output:

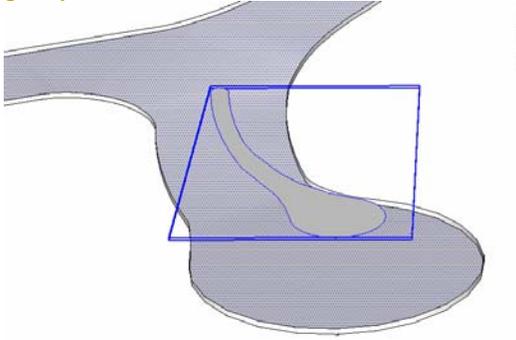
Groups added to model:



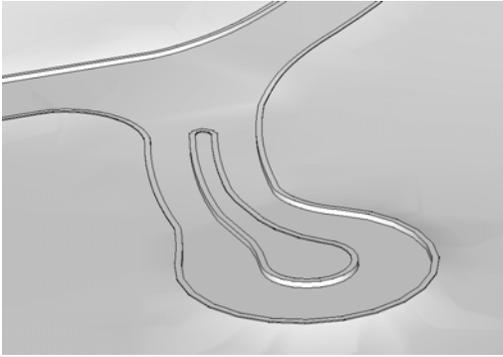


Make Island or Median

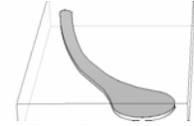
Selection: active road faces plus group



Output:



Groups added to model:



Median Surface Group



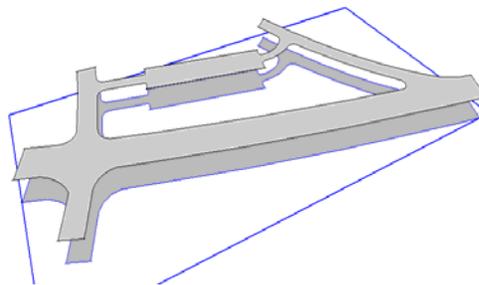
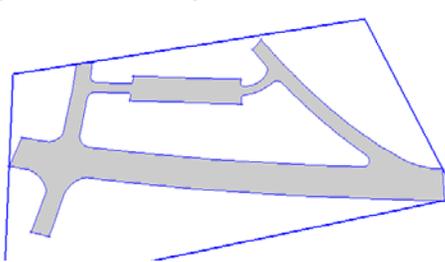
Curb or sidewalk Group



Simplify Road Outline

Selection: either road outline face or group containing road outline face

Output: group with simplified face

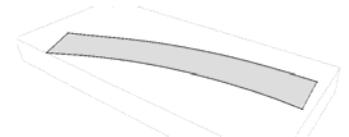
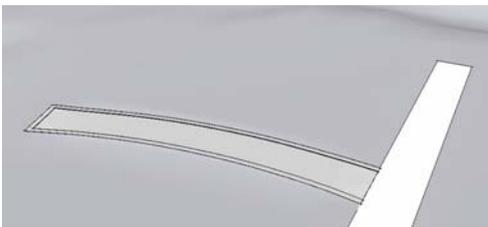
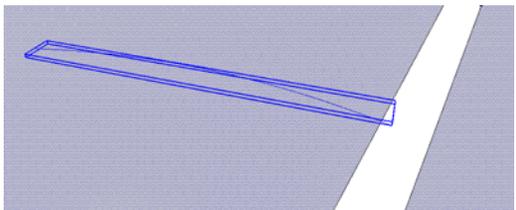


Connect Roads using Center Line

Selection: active terrain plus group containing line or curve

Output:

Groups added to model:



Road Surface Group



Curb or sidewalk Group

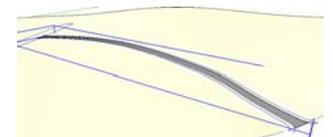
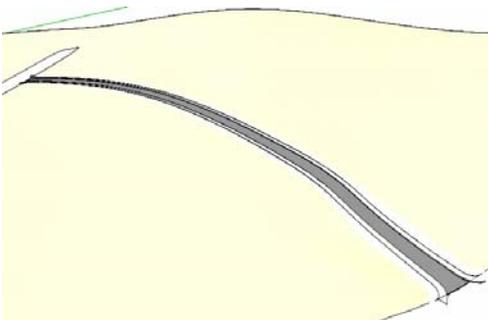


Connect Roads using Face

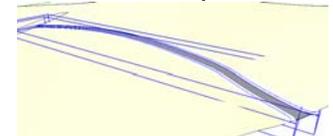
Selection: active terrain plus group containing face

Output:

Groups added to model:



Road Surface Group

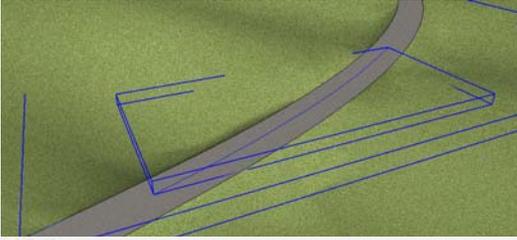


Curb Group(s)

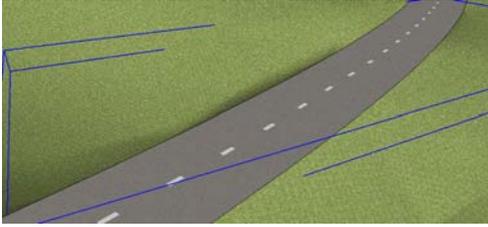


Striping

Selection: group containing road plus group containing line or lines

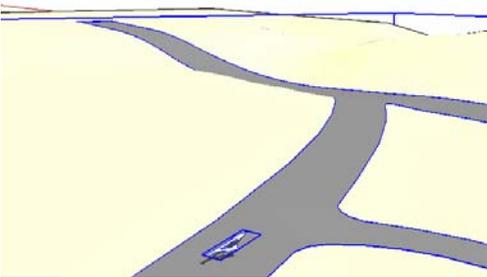


Output: group containing striping decal

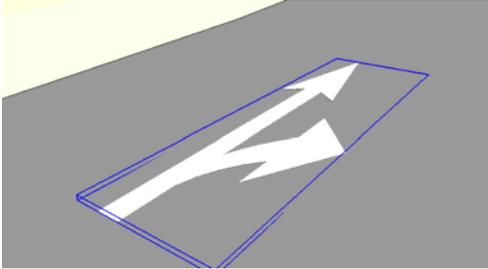


Road Markings

Selection: group containing road plus group containing outline face or faces



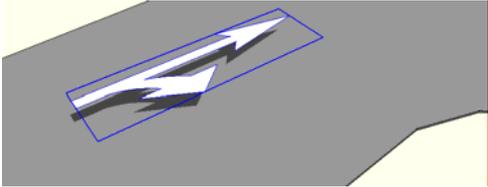
Output: group containing decal conforming to road undulations



Make Preset Road Marking

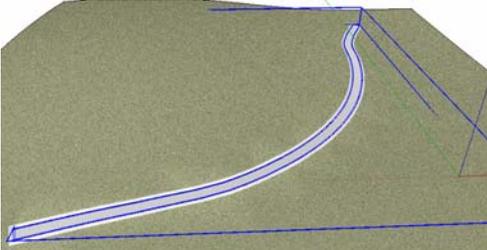
Selection: none

Output: group containing outline for use with road markings outline

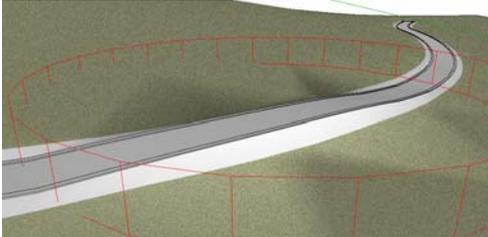


Adjust Road Height

Selection: group containing road (plus group containing curb or sidewalk)

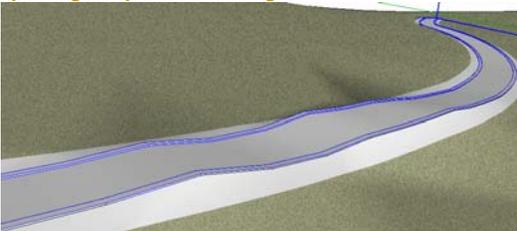


Output:



Smooth Road

Selection: group containing road (plus group containing curb or sidewalk)



Output:

