

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.

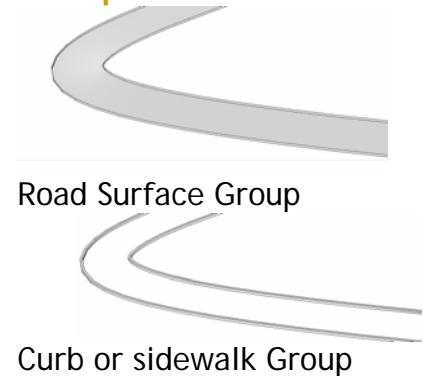
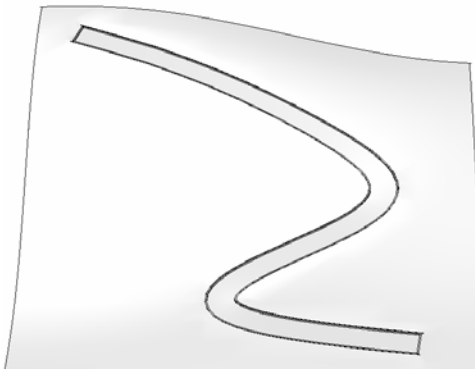
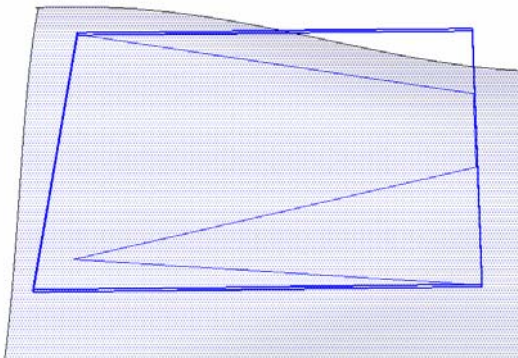


Create Road from CenterLine

Selection: active terrain plus group

Output:

Groups added to model:

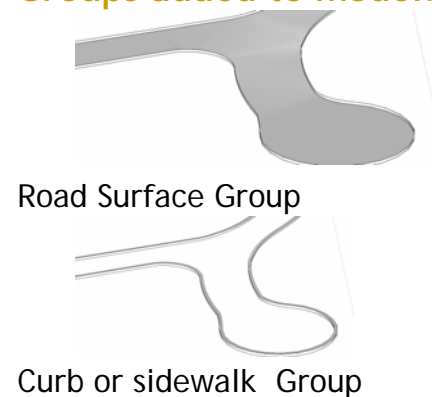
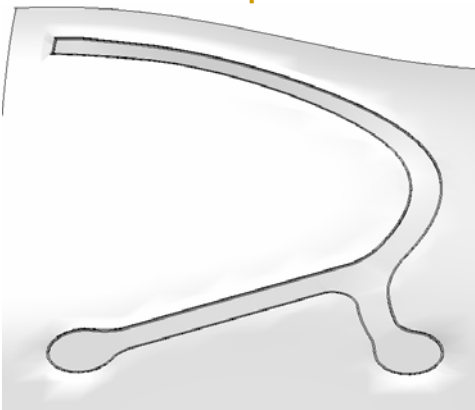
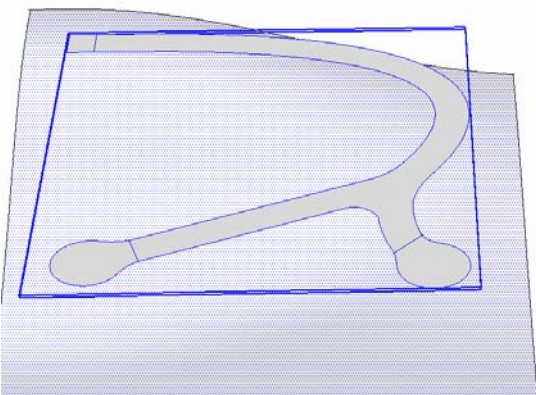


Create Road from Faces

Selection: active terrain plus group

Output:

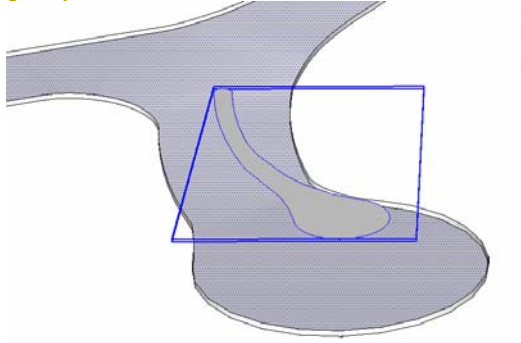
Groups added to model:



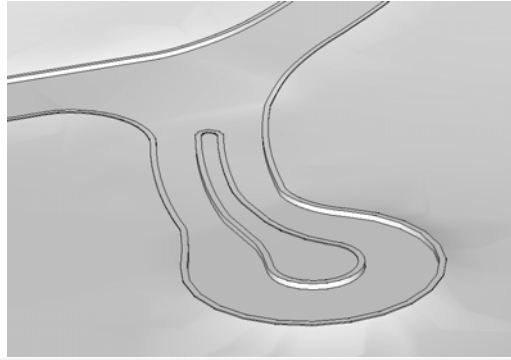


Make Island or Median

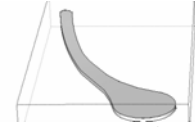
Selection: active road faces plus group



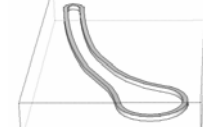
Output:



Groups added to model:



Median Surface Group



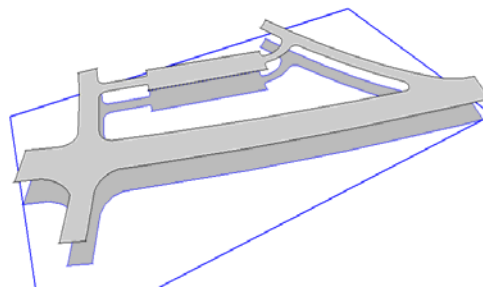
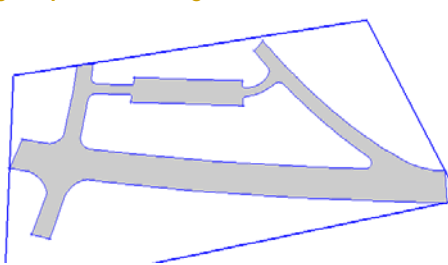
Curb or sidewalk Group



Simplify Road Outline

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

Output: group with simplified face

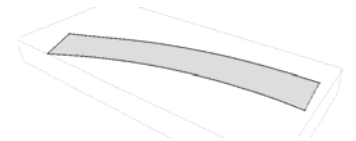
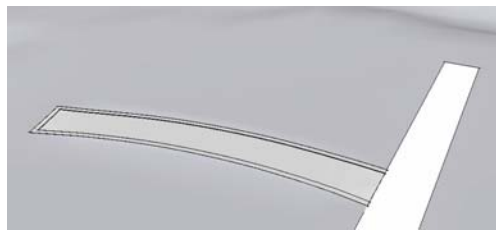
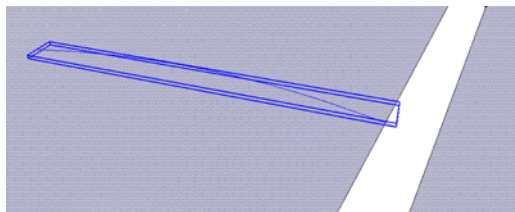


Connect Roads using Center Line

Selection: active terrain plus group containing line or curve

Output:

Groups added to model:



Road Surface Group



Curb or sidewalk Group

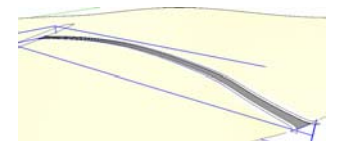
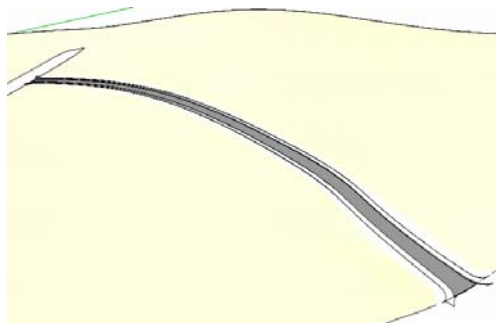
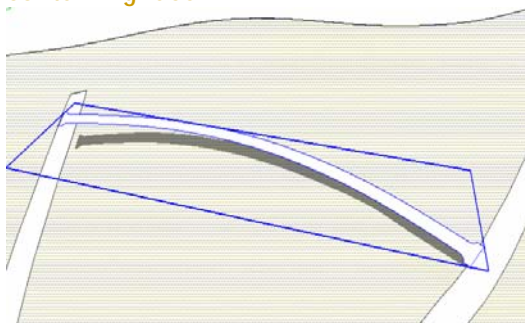


Connect Roads using Face

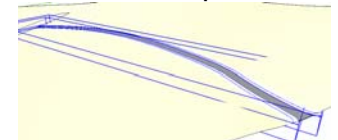
Selection: active terrain plus group containing face

Output:

Groups added to model:



Road Surface Group



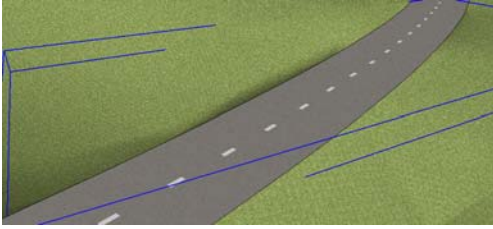
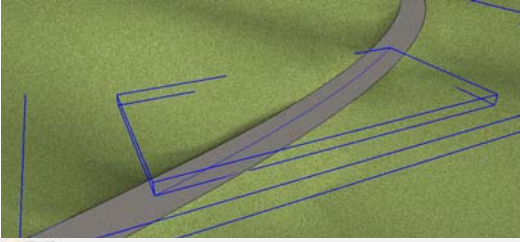
Curb Group(s)



Striping

Selection: group containing road plus group containing line or lines

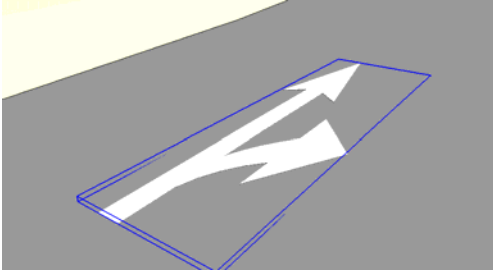
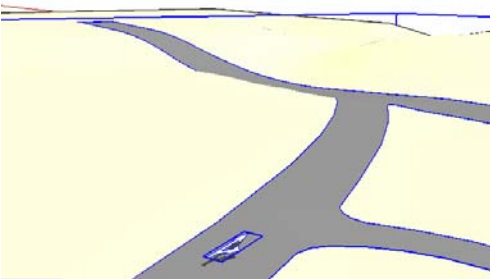
Output: group containing striping decal



Road Markings

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

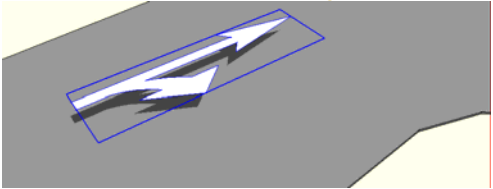
Output: group containing decal conforming to road undulations



Make Preset Road Marking

Selection: none

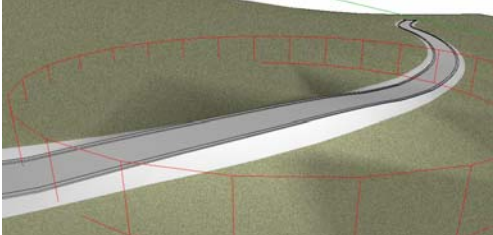
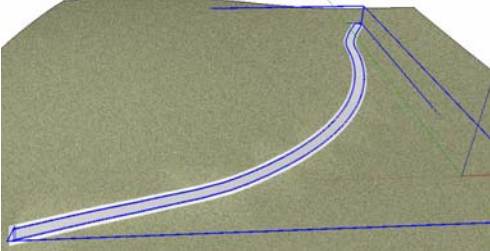
Output: group containing outline for use with road markings outline



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:

