**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.

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**Create Road from CenterLine**

**Selection:** active terrain plus group

**Output:**

**Groups added to model:**
- Road Surface Group
- Curb or sidewalk Group

**Create Road from Faces**

**Selection:** active terrain plus group

**Output:**

**Groups added to model:**
- Road Surface Group
- Curb or sidewalk Group
**Make Island or Median**

**Selection:** active road faces plus group

**Output:**

**Groups added to model:**

- Median Surface Group
- Curb or sidewalk Group

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**Simplify Road Outline**

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

**Output:**

- Group with simplified face

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**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

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**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

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**Road Markings**

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

Output: group containing decal conforming to road undulations

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**Make Preset Road Marking**

Selection: none

Output: group containing outline for use with road markings outline

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**Adjust Road Height**

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

Output:

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**Smooth Road**

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

Output: