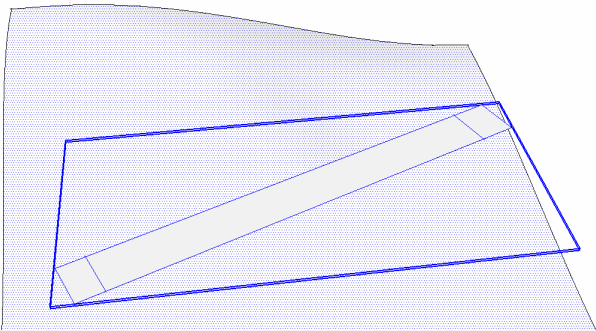# Instant Road

Parameters   Road from Face(s)

In each of the examples, a different setting or group of settings is chosen. The corresponding result is shown on the right.
(*If you're not using the Pro version, the maximum shoulder width is 3' and curb width is 6"*)
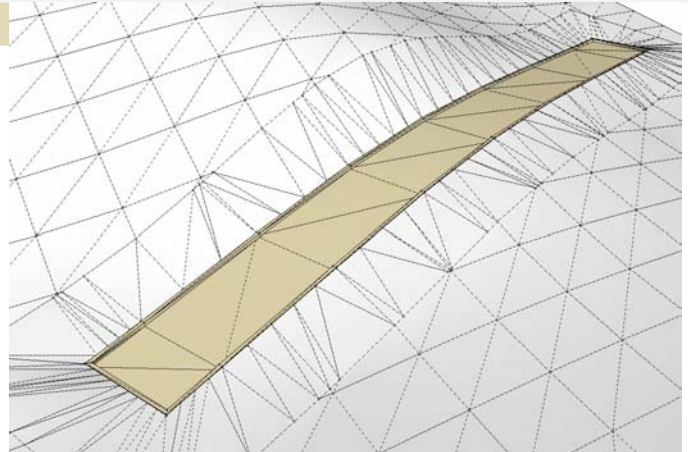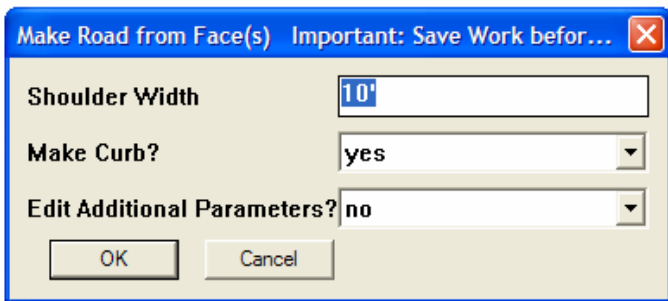

To try out these parameter settings, make a terrain plus a horizontal face in the shape road. Draw a line across the road at each end to force the ends to be level The road surface must be active and the faces must be in a group.

Select the group plus the road surface and choose Choose *"Plugins/ Instant Road / Road from Face(s)"*.

Shoulder Width: **2'**
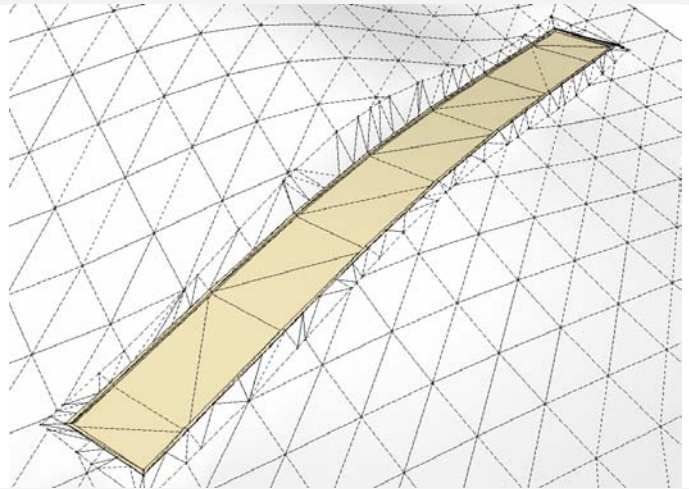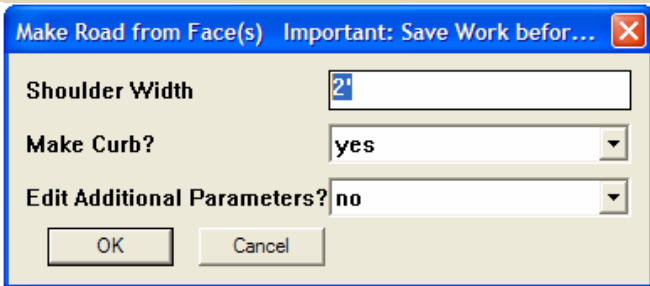
Shoulder Width: **10'**

Adjust Road Subgrade Height: **5'**

Additional Parameters

Adjust Road Subgrade Height: +/-	5'
Max Road Segment Length	20'
Flatten Vertical Curves and Bumps?	no ▼
Flatten Vertical Curves Smaller Than:	10'
Curb Height (above Road)	6"
Curb or Sidewalk Width	6"
Top of Curb above or below grade +/-	1"

OK   Cancel

Adjust Road Subgrade Height: **-5'**

Additional Parameters

Adjust Road Subgrade Height: +/-	-5'
Max Road Segment Length	20'
Flatten Vertical Curves and Bumps?	no ▼
Flatten Vertical Curves Smaller Than:	10'
Curb Height (above Road)	6"
Curb or Sidewalk Width	6"
Top of Curb above or below grade +/-	1"

OK   Cancel
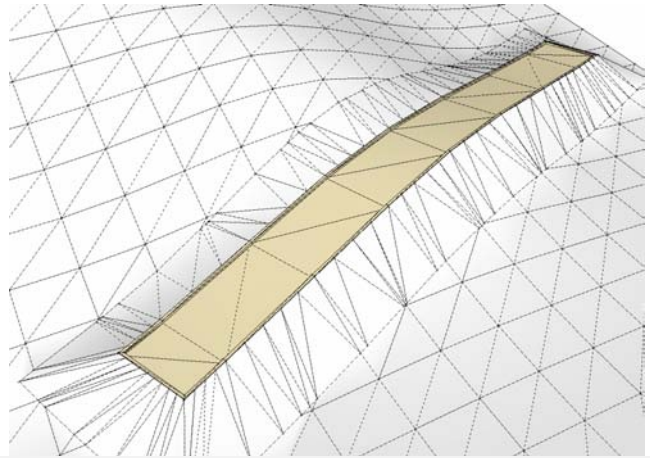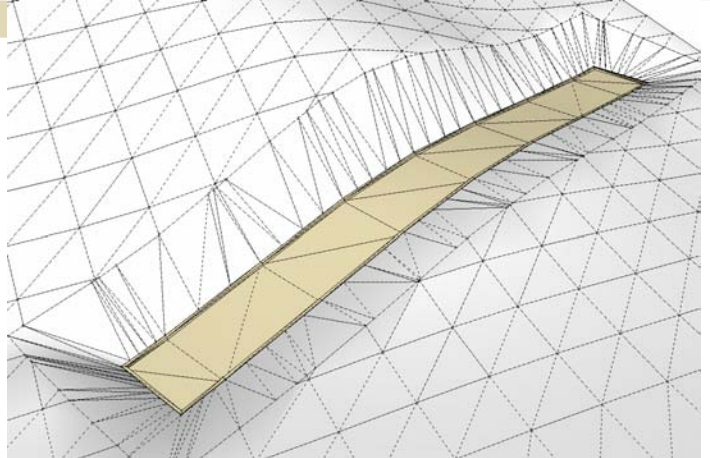
Max Road Segment Length: **200'**

Additional Parameters

Adjust Road Subgrade Height: +/-	0"
Max Road Segment Length	200'
Flatten Vertical Curves and Bumps?	no ▼
Flatten Vertical Curves Smaller Than:	10'
Curb Height (above Road)	6"
Curb or Sidewalk Width	6"
Top of Curb above or below grade +/-	1"

OK   Cancel
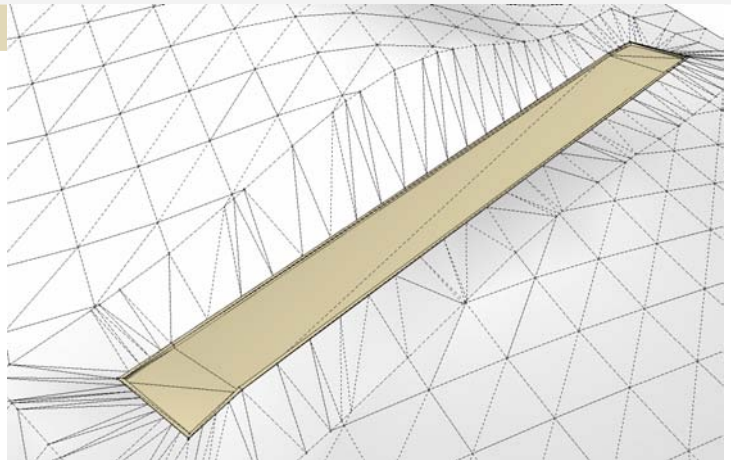
Max Road Segment Length: **5'**

Additional Parameters

Adjust Road Subgrade Height: +/-	0
Max Road Segment Length	5'
Flatten Vertical Curves and Bumps?	no ▼
Flatten Vertical Curves Smaller Than:	10'
Curb Height (above Road)	6"
Curb or Sidewalk Width	6"
Top of Curb above or below grade +/-	1"

OK   Cancel

2
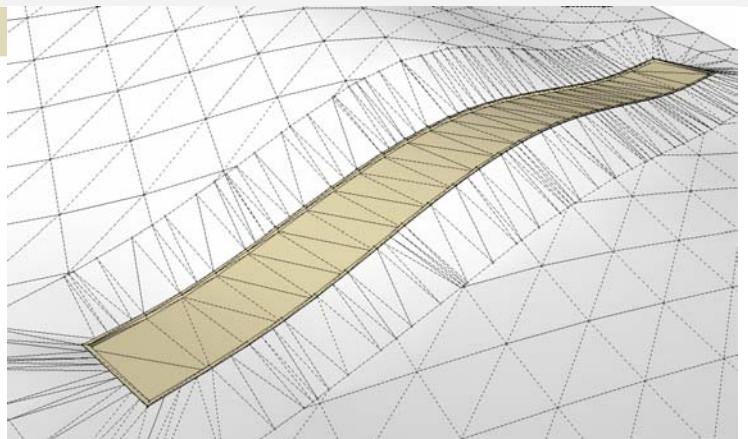
Top of Curb above or below grade +/-: 6"

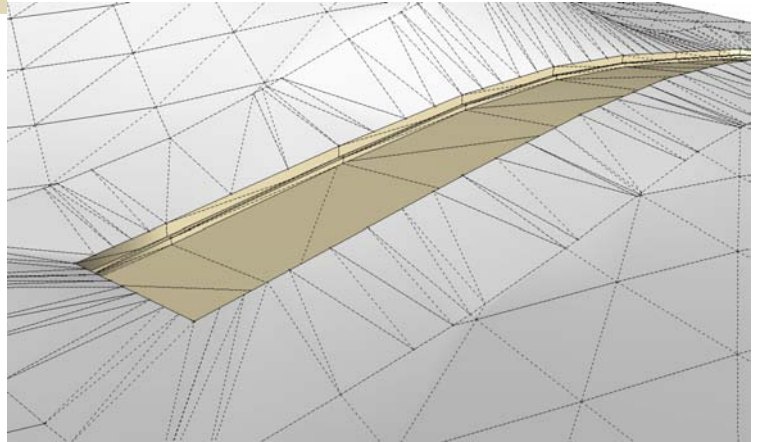**Additional Parameters**

Adjust Road Subgrade Height: +/-	0"
Max Road Segment Length	20'
Flatten Vertical Curves and Bumps?	yes
Flatten Vertical Curves Smaller Than:	10'
Curb Height (above Road)	6"
Curb or Sidewalk Width	6"
Top of Curb above or below grade +/-	6

OK   Cancel
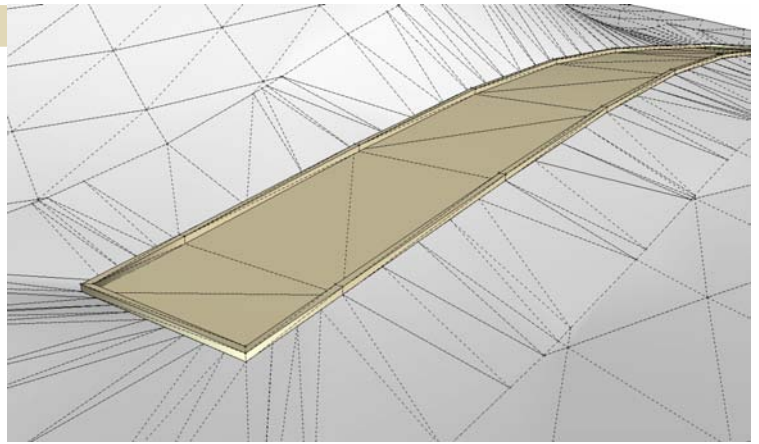
Top of Curb above or below grade +/- : -1'

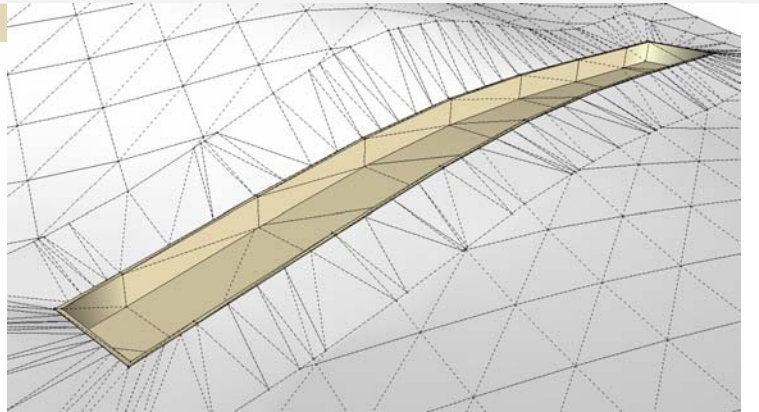**Additional Parameters**

Adjust Road Subgrade Height: +/-	0"
Max Road Segment Length	20'
Flatten Vertical Curves and Bumps?	yes
Flatten Vertical Curves Smaller Than:	10'
Curb Height (above Road)	6"
Curb or Sidewalk Width	6"
Top of Curb above or below grade +/-	-1

OK   Cancel

Curb Height (above Road): 4'
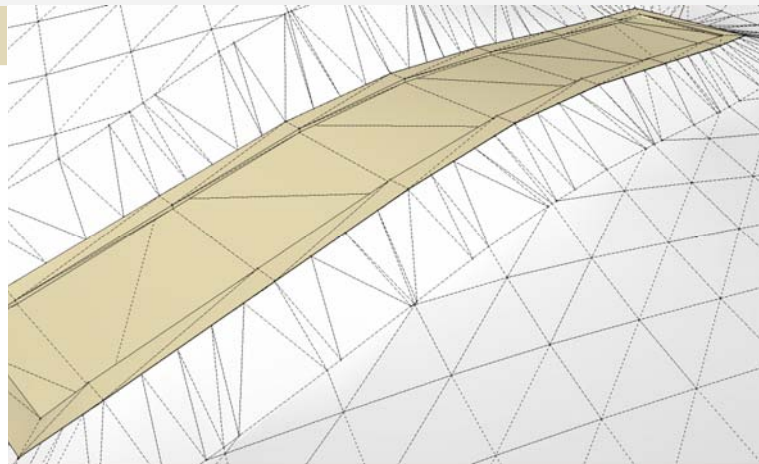
Additional Parameters

|	
Adjust Road Subgrade Height: +/-	0"
Max Road Segment Length	20'
Flatten Vertical Curves and Bumps?	yes
Flatten Vertical Curves Smaller Than:	10'
Curb Height (above Road)	4'
Curb or Sidewalk Width	6"
Top of Curb above or below grade +/-	1"

OK   Cancel

Curb or Sidewalk Width: 3'

Additional Parameters

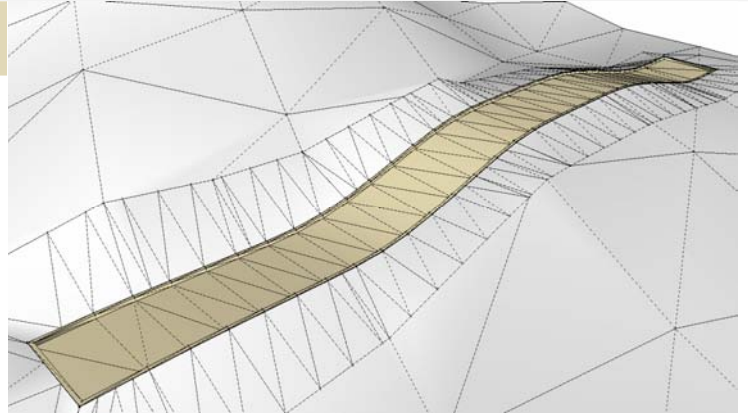|	
Adjust Road Subgrade Height: +/-	0"
Max Road Segment Length	20'
Flatten Vertical Curves and Bumps?	no
Flatten Vertical Curves Smaller Than:	10'
Curb Height (above Road)	6"
Curb or Sidewalk Width	3'
Top of Curb above or below grade +/-	1"

OK   Cancel

3
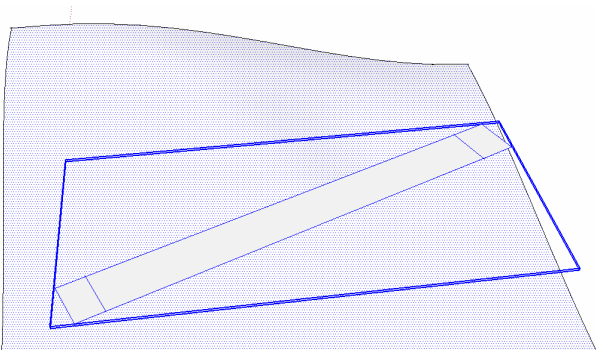
To try out these parameter settings, make a coarse, low polygon terrain plus a horizontal face in the shape road. Draw a line across the road at each end to force the ends to be level The road surface must be active and the faces must be in a group.

Select the group plus the road surface and choose Choose *"Plugins/ Instant Road / Road from Face(s)"*. In the next menu choose *Edit Additional Parameters?"* : **yes**
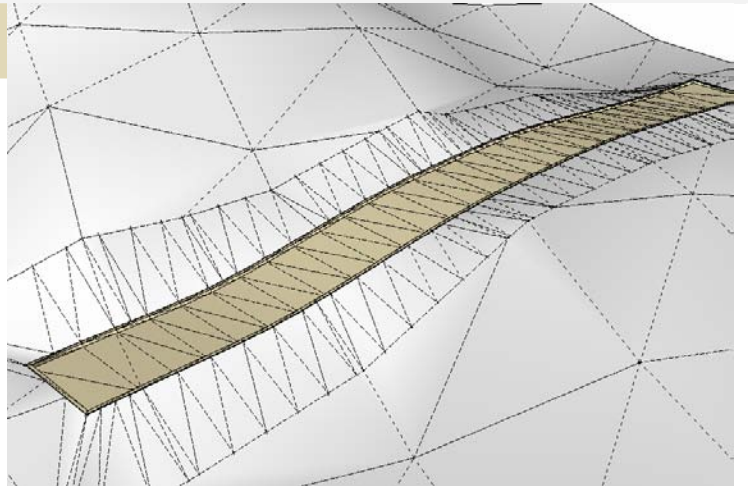
Max Road Segment Length: 5'
Flatten Vertical Curves and Bumps? no

Flatten Vertical Curves and Bumps?   yes
Flatten Vertical Curves Smaller Than: 30'

Why not always flatten vertical curves? Because a cross slope can occur when the road is curved – especially if the "..Curves Smaller Than" value is greater than the width of the road.