

## Standard vs. Professional

If you already have a license and need help setting it up, [check this page](#).

This is a comparison of Trimble's **Novapoint Road Standard** and **Novapoint Road Professional**.

Trimble Novapoint Road Functions	Standard	Professional
<b>General</b>		
Road model along an alignment	X	X
Produce 3D features with attributes	X	X
Build against terrain and subsurface layers	X	X
Add features to the cross-section as illustration objects	X	X
<b>Road Cross-section Designing</b>		
Create Road task from task template	X	X
Vertical Override	X	X
Cross-section Viewer	X	X
Cross-section from Road Standard		X
Crossfall calculation		X
Widening calculation		X
Road surface	X	X
Pavement	X	X
Advanced Pavement	X	X
Landscaping	X	X
Sight Distance Analysis		X
Junction Wizard		X
Move Chainage		X
Draft Cross-section drawings	X	X
Illustration Objects	X	X
Closed Ditch	X	X
Design Objects		X
Property Boundaries		X
Add and Remove Material		X
Rounding		X
Rock shelf		X
Minimum Ditch Depth		X
Sodding		X
Subgrade		X
Import from IND	X	X
Export to IND	X	X
Export to GEN	X	X
Quantity Report	X	X
Setting Out Data	X	X
Settings	X	X
<b>Alignment Design Tool</b>		
Insert Line	X	X
Insert Arc	X	X
Insert Transition Curve	X	X
Insert Missing Transition Curves		X
Insert Min. Arc where Line-Line	X	X
Insert Arc in Line		X

Insert Line in Arc		X
Trim Alignment	X	X
Trim Start and End	X	X
Break Alignment		X
Turn Alignment	X	X
Move Alignment	X	X
Mirror Alignment		X
Offset Alignment	X	X
Connect Alignment	X	X
Lift Alignment		X
Sink Alignment		X
Stretch element		X
Drag along Polyline		X
Get fixed Points from Result	X	X
Calculate Angular Points		X
Split Angular Points		X
Append Combination		X
Append Angular Points	X	X
Split after element		X
Delete element and Split		X
Calculate Angular Point		X
Split Angular Point		X
Follow Terrain		X
Propose Segments	X	X
Parallel Lines	X	X
Parallel Lines Width	X	X
Advanced 3D polyline offset		X
Coordinate transformation		X
Horizontal Offset Diagram		X
Speed Diagram		X
Culvature Diagram		X
Minimum Values	X	X
Road Design Standard		X
External Data	X	X
Terrain Setup	X	X
Add/Delete help line		X
Enter increase/decrease step value		X
Reference Points		X
History		X
Erase	X	X
Export/Import to (TIT+NYL+SEG) (*.TIT)	X	X
Export/Import to (TIT+NYL+SEG+NDB+RES) (*.TIT)	X	X
Export/Import to (LIN+PRF) (*.LIN)	X	X
Export/Import to (LI+NYL) (*.LI)	X	X
Export/Import to (DAT+NYL) (*.DAT)	X	X
Export/Import to (TXT) (*.TXT)	X	X
Export/Import to (XML) (*.XML)	X	X
Import to (NADB) (*.NDB)	X	X
Import to (ISPOL) (*.ISL)	X	X
<b>Project</b>		
Alignment Design from Points		X

Draw Extra Chainage Point		X
Draw Extra Chainage Point from Reference Alignment		X
Vertical Information along Alignment		X
Distance between two Alignments	X	X
Intersection between two Alignments		X
<b>Draw</b>		
Draw Longitudinal Profile	X	X
Draw Multiple Longitudinal Profile		X
Draw Longitudinal Profile from Quadri	X	X
Split Long section from Road Model	X	X
Update Longitudinal Profile from Road Model	X	X
Draw Chainage Break Symbol		X
Trim Alignment		X
Delete Alignment in Drawing	X	X
Adjust Chainage		X
Draw Road Elevation Annotations		X
Draw Matchlines along Line		X
Draw Plan Frames along Line		X
Plan and Profile Layout Generator		X
Draw Multiple Plan and Profile from Layout		X
Draw Multiple Grid		X
Draw Cross-sections from Road Model	X	X
Draw Terrain Cross-sections	X	X
Update Road Model Cross-sections	X	X
Draw Symbols to Cross-sections		X
Draw Road Model	X	X
Draw Multiple Road Models		X
Draw Road Superelevation Annotations		X
Draw Sight Distance Lines		X
<b>Intersection Tools</b>		
Roundabout		X
T-intersection		X
X-intersection		X
Median		X
Deflecting Island		X
Road Access	X	X
Turnaround	X	X
Draw Sight Triangles at Intersection		X
Road Edge Rounding	X	X
Road Edge: 2R		X
Road Edge: 2R2A		X
Road Edge: 2R3A		X
Road Edge: 3R2A		X
<b>Vehicle Track Analysis</b>		
Make Path, General Path	X	X
Make Path, Fixed Angle	X	X
Make Path, 2 Points at Start/End	X	X
Make Path, Path by Arcs	X	X
Make Path, Following Polyline	X	X
Make Path, Continue Path	X	X
Select Vehicle	X	X

Vehicle Track Analyzer Settings	X	X
Draw Tracks	X	X
Delete last part of Path	X	X
Edit Path	X	X
Draw Vehicle, Path	X	X
Erase Vehicle, Path	X	X
Animation	X	X
Draw Vehicle, Dimensions	X	X
Insert Template	X	X
Write Values	X	X
<b>Elevation tools</b>		
Slope Surface		X
Slope Arrows		X
Get Elevation from Quadri		X
Get Elevation from Drawing		X
Volumes between TIN models - from drawing		X
<b>Platform Design</b>		
Draw 3D object along an alignment		X
Create Pararell 3D-Lines		X
Draw 3D object along an alignment		X
Set object elevation		X
3d model - Cross Section along Line		X
Height Interpolation		X
Convert Arc to Straight Lines		X
Create 3D-Line		X
Draw 3D Symbols		X
Add additional Layers for Virtual Map	X	X
Draw Contour Marks of 3D-Line		X
<b>Tools</b>		
Drawing Style Configuration	X	X
Road Cross Section Style Editor		X
Road Long section Style Editor		X
Illustration Symbols	X	X
Vehicle Symbols	X	X
Draw Tunnel Entrance Symbols		X
Parking lot Design	X	X
Create Rotated View	X	X
Select Direction of Traffic	X	X