

progeEARTH: Simple Road Design

Simple Road Design is suitable for use on Site Plans, Subdivisions and other areas where you need a simple corridor design.

Profiles and Cross Sections

Cut profiles and cross sections at user defined intervals along an alignment.

Proposed Profiles

Define and display proposed profiles along with vertical curves. The program places a grid around the profile and annotates stations and existing and proposed ground elevations on a user defined interval.

Existing or Proposed Cross Sections

Create sheets of existing or proposed cross sections. The program places a grid around the cross sections and annotates elevations, offsets and existing and proposed ground elevations at the profile grade line.

Road Templates

Define and apply roadway templates to the cross sections.

Ditches

Place ditches by elevation or depth.

Backslopes

Define backslopes or pin to an offset.

Cut and Fill Calculations

Calculate cut and fill volumes based on average end areas.