

CADD Services - GEOPAK Point Numbers

A new Coordinate Geometry point numbering convention is to be implemented on all new projects starting after 2/22/02. This point numbering scheme is for all DOT users and Engineering Consultant firms who use Geopak to complete TIP.

Unit / Branch	Number Sequence
Location and Surveys	1 – 5000
Construction Unit	5001 - 10000
Photogrammetry	10001 - 15000
Roadway Design	15001 - 20000
Hydraulics	20001 - 25000
Structure Design	25001 - 30000
Geotechnical	30001 - 35000
Design Services	35001 - 40000
Traffic Engineering	40001 - 45000
Roadside Environmental	45001 - 50000

Consultants who are working on a DOT project should use the set of numbers assigned to the Unit that contracted the work. (For example, consultants contracted by Location and Surveys would use point numbers 1 – 5000). If a consultant receives a file from a contracting DOT Unit, they should use the "List Point" command in Geopak Coordinate Geometry to see the point numbers previously used by the Unit and what point numbers are available for their use.

This change will make it possible at some later date to merge all point information for a project into one Geopak database (GPK) file. Each Unit will name their GPK file beginning with the word "JOB" followed by the assigned initials of their Unit. (I.e. Location and Surveys would name their GPK file "JOBLS.GPK").