3PC APPLICATIONS

NAME	DESCRIPTION	DRAWN VIEW	MOD.	STATUS
Bale_sed.3pc	This code prompts the user for the number of bales that the "bales" cell represents (for temporary erosion control, sediment bale check), tags the cell with this number for use by erosion_cell_comp.3pc to tabulate the quantity, then prompts for a DP to place text with this number next to the cell.	Plan (2D)	8/14/02	Applies to the ddb.
Clear_zone.3pc	Given the chain, design speed, ADT, and the side slope of the road, this code calculates and draws the required clear zone for the tangent and the outside of the curves, and the transition length.	Plan	3/24/03	released
Constlim.3pc	This code locates the construction limit on the cross sections, then draws the construction limit lines, labels the slope of the last proposed segment, and labels it as cut or fill on the plan view. It also stores a point at each tie down with x, y, elevation of the finished grade at the tie down, station, and description.	Plan (2D)	1/22/02	released
Culvertmedian.3pc	This application places a centerline culvert in a median configuration (i.e. carries water from the depressed median to the ditch or fill slope on the outside of the roadway).	Xs (2D) Plan (2D) Profile (2D)	10/25/01	released
CulvertMultiple.3pc	This application places a centerline culvert in multiple configuration (i.e. carries water from one side of one roadway under the median to the outside of the second roadway).	Xs (2D) Plan (2D) Profile (2D)	10/25/01	released
Culvertsingle.3pc	This application places a centerline culvert in a single configuration (i.e. carries water from one side of the roadway to the other side of the roadway).	Plan (2D)	10/25/01	released
Depmedlab.3pc	This code locates the depressed median bottom edges on the cross sections, then draws the corresponding lines between sections in the plan view, labels the median bottom slopes, and draws ditch flow arrows in the plan view.		3/5/03	released
Ditchlab.3pc	This code locates the ditch bottom in cut cases or the toe of slope in fill cases on the cross sections, then draws the corresponding lines between sections in the plan view, labels the ditch slopes, and draws ditch flow arrows in the plan view.	Plan (2D)	1/7/02	released
Drawpattern.3pc	This application reads the station and region from an ascii input file and draws a pattern line in a plan file. (It must be in the format of entire station first then a comma then the region. (i.e. 134+00,1)	Plan (2D)	10/3/01	released
Entrances.3pc	This application draws the entrance and entranc e culvert in both the xs and the plan view with labels according to Std. Plate 9000. An ascii output file is also generated. Clear zone is used to determine the need for safety aprons and grates.	Xs (2D) Plan (2D)	10/9/02	released
Erosion_comp.3pc	This code tabulates erosion control items.	None	3/11/02	released
Erosion_legend.3pc	This code generates and places a legend of erosion control items in the active design file.	Plan	3/11/02	released
Noisemod.3pc	This code prompts the user for a TIN file and data points, then creates an ascii file with the x,y,z for those data points.	Plan (2D)	12/9/03	released
Noisemodreverse.3pc	This code prompts the user for a Stamina noise model formatted text file and draws the roadways, barriers, and receivers into a 2D graphics file. It will optionally create a text file containing the commands to draw the roadways, barriers, and receivers into a 3D file.	Plan (2D)	12/8/03	released

Patlabel.3pc	This code calc ulates and draws station labels on any line within the design file.	Plan (2D)	10/24/01	released
Sedtrap.3pc	This code prompts the user for the length and width that the sedt cell represents, computes the volume based on those numbers and a standard 2' (0.6 meter) depth. Then it tags the cell with the length, width, and volume for use by erosion_cell_comp.3pc to tabulate the quantity.	Plan (2D)	10/10/01	released
Sndbag.3pc	This code prompts the user for an area that the "sndbag" cell represents, tags the cell with this number for use by erosion_cell_comp.3pc to compute the area and tabulate the quantity, then prompts for a DP to place text with this number.	Plan (2D)	10/10/01	released
Tin_grid.3pc	This code labels existing tin elevations, proposed tin elevations, and the difference between those tin elevations (plan view) in a grid area defined by the horizontal and vertical distance along the area to be labeled and the grid increment. This code also creates a cogo input file to allow the storing of cogo points at each grid label point using the proposed elevation or the existing elevation as the elevation of the cogo point and the description is the elevation difference. There is also an option to store the points to cogo while processing. (GEOPAK version 2001 only)	Plan (2D)	10/24/01	released
Util_owner_dist.3pc	This code is the same as util_owner_local.3pc except that the file util_owner.txt needs to reside in \dist-stds\Geopak2000\setup\. This is so the district can have their standard user file on the server available to all and protected from being changed.	None	4/23/03	released
Util_owner_local.3pc	This code is the same as util_owner_dist.3pc except that the file util_owner.txt needs to reside in c:\win32app\Geopak\qm. This is so the user can copy util_owner.txt to this directory and edit it to meet their specific needs instead of using the standard district one in \dist-stds \geopak2000\setup\ which is used by util_owner_dist.3pc.	None	4/23/03	released
Util_point_cell_draw.3pc	This code reads the ASCII log file created by the 3PC application Util_Point_Cell_Locate.3pc, which contains a list of stations and offsets for overhead utility cells. When you run this code, it will place the appropriate cells on each xsection.	Xs (2D)	1/9/02	released
Util_point_cell_locate.3pc	This code finds all occurrences of specific utility cells in a plan view dgn file and creates an ASCII file containing cell name, station, and offset.	Plan (2D)	1/9/02	released
Xssheetlabel.3pc	This code labels cross section sheets with station labels and/or sheet numbers. It can label either just station labels, just sheet numbers, or both.	Xs (2D)	2/5/02	Released