

# LI Contour V+

*"Contour Mapping and Volumetrics in One!"*

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The V+ option includes all capabilities of LI Contour, and adds the ability to calculate the volumetric difference between two surfaces. Output includes the total volumes of cut and fill, and a print out of the cut/fill amount at each data point.

## **Who can use LI Contour V+?**

Surveyors - Civil Engineers - Architects - Land Shaping Contractors - Mining Engineers  
and many others!

## **Basic Applications**

- Stock pile and pit volumes, and site design earthwork volumes are two basic applications.
- Any application needing to compare one surface model to a second surface model, to calculate the volumetric difference between the surfaces.

## **What are the benefits of using LI Contour V+?**

Besides the ease-of-use and speed of LI Contour for general contour mapping and surface modeling, the V+ option adds simple-to-use, fast, and accurate volumetric capabilities. Since the volumetric calculations are a direct comparison of the two surface models, fast and accurate calculations can be performed. Intermediate generation of cross-sections or grid cells are NOT needed. Since no intermediate calculations or data transformations are performed, greater accuracy is maintained!

## **Computer Requirements and Recommendations**

All computer requirements, recommendations and optional equipment are the same as LI Contour.

**LI Contour V+ Version 7.2**

**Price: \$299.00**

Demonstration version available, free of charge.

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## Sample Output of Volumetric Calculations

Volume Analysis  
LI Contour V+ v7.2 #7.2N000  
A B Consulting Company, Inc.

Date: Any Date Time: Any Time  
File: EXAMPLE

### Existing Surface

Filename : EXAMPLE.MDL  
Comment : Existing Example File

### Proposed Surface

Filename : EXAMPLE2.MDL  
Comment : Proposed Example File

Total Common Field Area (acres) = 15.000  
Cut Area (acres) = 8.961  
Fill Area (acres) = 6.039

	Total	Factor	Net
Cut Volume (cu. yards) =	16997.865	1.000	16997.865
Fill Volume (cu. yards) =	<u>11454.441</u>	1.000	<u>11454.441</u>
Ratio of Cut/Fill =	1.484		1.484

Location of:	Max Cut =	2.579	Max Fill =	1.540
	X =	235.130	X =	322.583
	Y =	141.953	Y =	235.238

### Report Comments:

Up to 5 lines are available for comments.

The following is a partial listing of the cut/fill information for each individual data point.

Cut/Fill Data Listing  
Existing Surface  
Filename : EXISTING.MDL

Point	( X,Y ) Coordinates	Elevation	Cut/Fill
< 1:0001>	101.240 100.090	119.950	0.870 C
< 2:0002>	303.850 103.540	113.522	0.045 F

### Summary

The V+ option calculates the total volume of cut and fill as projected from the existing surface to the proposed surface. The volumes calculated are direct volumes. LI Contour V+ is designed to provide an easy and accurate method to obtain the volumetric difference between two surfaces.