

ADMS Training 2025

Surface Shaping

This Class focuses on the use of the Surface Shaping window of ADMS. The intent of this window is to allow the user to re-shape the topography data from RTK.grd and Lidar.grd files into new topography designs. Not just adding a ditch, but filling and re-shaping the field all together. Giving the user a cut/fill and total yards of soil moved map.

Surface Shaping and Design

Grower: GKT-Water Management **Farm:** Surface Shaping **Field:** SH 08 SE-E-60ac

- (15-23) ADMS Settings
- (322) Overview Surface Shaping / Land Shaping (next page)
- (158) Mod Area

Shaping Tab (Watershed & Ditch Function)

- (299) Surface Settings
- (309) Build Walls & (321) Mosaic
- (310) Flow Model
- (311) Grade Button
- (314-315) Stair Step Button
- (316) Fuzzy Select / Poly Select / Select by Feature
- (312-313) Ditch Button
- (312) Export Selected - Burn Grade Lines to new Surface
 - o (300-301) Bezier Raster



Raster Tools

- (320) Area Smooth

Hill-Dep Designer – Tab

- (317-319) Hill / Dep / Cut-Fill Buttons

Surface Tools

- (300-301) Bezier Raster
- (303-304) Cut Hills
- (306) Flow Smooth
- (307-308) Morph
- (302) Compaction Fill

Final Tools / Misc. Tools

- (307-308) Morph (redo-what order to use?) & Flow Smooth
- (319) Cut / Fill Graph Table & Difference & (154-155) Fixed Color Table
- Printing / 3d / Exports

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Concepts that we are going after in the Example
Maps like this may be helpful!

Have a PLAN 😊

