

Appendix D

Catalog of Day 1 Handbook Web Resources

The following list catalogs the supplemental web resources mentioned in each chapter of this *Day 1 Seminar Handbook* (with corresponding handbook page references provided). *[Tip: Save some typing and use the clickable links in the PDF copy of this Appendix (see “WebLinksD1.pdf” in Appendix C).]*

Note 1: Viewing many of the AGTEK resources linked below will require logging in with an AGTEK Support ID and Password (have them handy). **Note 2:** The AGTEK video links below were all working when this catalog was last revised (December 2023) but AGTEK occasionally changes/deletes links to older videos. If a video link returns a “404.0 – Not Found” error (or a non-responsive screen), AGTEK has likely renumbered, renamed or deleted the corresponding video (also see AGTEK’s FAQ at <https://bit.ly/3MIDQGn>). **Note 3:** At some time after mid-2024, all resource links with a www.earthworksoftwareservices.com URL may require access via the web archive site at <https://web.archive.org/web/https://www.earthworksoftwareservices.com/>.

Notices

www.earthworksoftwareservices.com/hbk-replace-order.aspx

Web Page: Order form to replace lost/outdated seminar handbooks (pages 1, 233).

Program Overview

www.earthworksoftwareservices.com/resourceed.htm

Web Page: Extensive list of earthwork construction learning resource links (page 19).

www.agtek.com/hardware.html

Web Page: Hardware guidelines for AGTEK software (pages 20, 27).

<https://agtek.s3.amazonaws.com/Agtek/Cdj11VVf3FUP>

PDF: Gradework IT Information document discusses registry administrator permission, port 34015 access and hardware recommendations for AGTEK’s Gradework and REVEAL products (pages 20, 21).

www.agtek.com/video.html?id=190

AGTEK Video: Older AGTEK software-installation video referencing USB and Internet Keys (page 20).

www.agtek.com/video.html?id=371

AGTEK Video: Internet Key administration, adding a new user (page 20).

www.agtek.com/video.html?id=372

AGTEK Video: Internet Key administration, resetting a user password (page 20).

www.agtek.com/video.html?id=557

AGTEK Video: Comprehensive coverage of all methods for setting/resetting a user password (page 20).

www.agtek.com/video.html?id=558

AGTEK Video: Newer video covering adding a new user (page 20).

www.agtek.com/video.html?id=527

AGTEK Video: Internet Key administration, changing automatic check-in time (pages 20, 21).

<https://agtek.s3.amazonaws.com/Agtek/n4gNNTe6WDNm>

PDF: Sitework 4D user manual link (pages 21, 30).

<https://agtek.s3.amazonaws.com/Agtek/mp5vdrBgNMug>

PDF: Gradework 4D user manual link (page 21).

www.agtek.com/video.html?id=36

AGTEK Video: Earthwork 4D software installation and use of Internet Key (page 21).

www.agtek.com/video.html?id=559

AGTEK Video: Gradework 4D software installation (pages 21, 234).

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Program Overview (Cont.)

www.agtek.com/video.html?id=37

AGTEK Video: Internet Key user administration (page 21).

www.agtek.com/video.html?id=561

AGTEK Video: AGTEK Access web-based User/File Manager (pages 21, 232).

<https://bit.ly/3oepH5f>

Web Page: AGTEK FAQ on read/write permission for AGTEK registry folders/subfolders, AGTEK Support login required (page 21).

<https://agtek.s3.amazonaws.com/Agtek/Cdj11VVf3FUP>

PDF: Gradework IT Information document discusses registry administrator permission, port 34015 access and hardware recommendations for AGTEK's Gradework and REVEAL products (pages 20, 21).

<https://bit.ly/3WqV2Os>

Web Page: AGTEK FAQ on graphics performance setting, AGTEK Support login required (page 22).

<https://agtek.s3.amazonaws.com/Agtek/j5bXEJ9Cv1Ei>

File Download: Download *AccessCheck.exe* diagnostic tool to test connectivity (page 22).

www.agtek.com/video.html?id=330

AGTEK Video: Overview of differences between the AGTEK 3D and AGTEK 4D earthwork products (page 27).

<https://agtek.s3.amazonaws.com/Agtek/n4gNNTe6WDNm>

PDF: Sitework 4D user manual link (pages 21, 30).

www.earthworksoftwareservices.com/resourcesw.htm#gtco

Web Page: GTCO digitizing tablet resource links (pages 30, 236).

www.earthworksoftwareservices.com/downloads/disable.pdf [Earthwork 3D]

PDF: Instructions for disabling/enabling GTCO TabletWorks driver (page 30).

www.agtek.com/video.html?id=523

AGTEK Video: Overview of the ease in working with vector PDF data (page 32).

<https://youtu.be/16YqXtBXIEE>

YouTube Video: Combine match-line PDF plan sheets with Bluebeam's Snapshot tool (page 33).

www.takeofftips.blogspot.com/2010/07/photoshop-matchline-tutorial-for.html

Web Page: Combine match-line PDF plan sheets in Adobe® Photoshop® Elements (page 33).

www.agtek.com/video.html?id=348

AGTEK Video: Assign an identifying Point Label "tag" to a new point inserted on a PDF border reference (page 34).

www.agtek.com/video.html?id=479 [Gradework 4D]

AGTEK Video: Edit PDF border reference label with Image Selection utility dialog (pages 34, 117).

www.agtek.com/video.html?id=163

AGTEK Video: Organize Google Earth PDF folders (pages 34, 286).

www.agtek.com/video.html?id=95 [Earthwork 4D]

AGTEK Video: Alternate alignment sequence for multiple PDF plan sheets (page 35).

www.agtek.com/video.html?id=442 [Gradework 4D]

AGTEK Video: Alternate alignment sequence for multiple PDF plan sheets (page 35).

www.agtek.com/video.html?id=203 [Earthwork 4D]

AGTEK Video: Import and align multiple PDF plan sheets using overview PDF plan sheet (pages 35, 298).

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Program Overview (Cont.)

www.agtek.com/video.html?id=468 [Gradework 4D]

AGTEK Video: Import and align multiple PDF plan sheets using overview PDF plan sheet (page 35).

www.agtek.com/video.html?id=204 [Earthwork 4D]

AGTEK Video: Import and align multiple PDF plan sheets using match lines (page 35).

www.agtek.com/video.html?id=470 [Gradework 4D]

AGTEK Video: Import and align multiple PDF plan sheets using overview PDF plan sheet (page 35).

www.agtek.com/video.html?id=148

AGTEK Video: Import and align two overlapping PDF plan sheets using street centerline points (page 35).

www.agtek.com/video.html?id=161

AGTEK Video: Import, scale and geo-reference overview PDF plan sheet (page 35).

www.agtek.com/video.html?id=162

AGTEK Video: Import and align multiple detail PDF plan sheets (page 35).

www.agtek.com/video.html?id=255 [Gradework 4D]

AGTEK Video: Clearing Image Cache for high-resolution drone image update (page 37).

www.agtek.com/video.html?id=441

AGTEK Video: Earthwork 4D and Gradework 4D file compatibility (page 39).

www.agtek.com/video.html?id=444

AGTEK Video: Introductory tour of AGTEK's user interface and functions (page 41).

www.agtek.com/video.html?id=160

AGTEK Video: Enter pipe invert elevations from plan-view, model trench with Apply Template (page 43).

www.agtek.com/video.html?id=534 [Gradework 4D]

AGTEK Video: Enter pipe invert elevations from profile (pages 43, 153, 302).

www.agtek.com/video.html?id=472

AGTEK Video: AGTEK 4D's Documentation layer (pages 43, 72).

Earthwork Modeling Step-by-Step

www.earthworksoftwareservices.com/resourcefiles.htm

Web Page: Download seminar sample grading plan and data files (pages 50, 259).

www.agtek.com/video.html?id=407

AGTEK Video: Overview of creating new job file and importing/scaling a raster PDF plan sheet to prepare for digitizing (page 53).

www.agtek.com/video.html?id=127

AGTEK Video: Includes overview of PDF shortcuts in AGTEK 4D when working with multiple PDF sheets (pages 53, 112).

www.agtek.com/video.html?id=420

AGTEK Video: Translating PDF-based job file in arbitrary coordinates to match coordinates of provided CAD data (page 60).

www.earthworksoftwareservices.com/resourcesa.htm#GEPro

Web Page: Free Google Earth Pro information and download link (page 64).

www.agtek.com/video.html?id=388

AGTEK Video: Good overview of geo-referencing and KMZ export (pages 64, 66).

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Earthwork Modeling Step-by-Step (Cont.)

<https://bit.ly/3qidoG8>

Web Page: List of Google Earth keyboard shortcuts (page 65).

www.agtek.com/video.html?id=236

AGTEK Video: (@ 4:50 min) Save Google Earth JPG image for import as AGTEK background image (pages 66, 273, 278).

www.agtek.com/video.html?id=18

AGTEK Video: (@ 0:58 min) Placemark method for Google Earth alignment (page 66).

www.agtek.com/video.html?id=388

AGTEK Video: Ruler Tool method for Google Earth alignment (pages 64, 66).

<https://bit.ly/3MnIDap>

PDF: Google Earth User Guide (pages 71, 286).

www.agtek.com/video.html?id=472

AGTEK Video: AGTEK 4D's Documentation layer (pages 43, 72).

www.agtek.com/video.html?id=439

AGTEK Video: Entry-mode Snap options and settings (page 75).

www.agtek.com/video.html?id=84

AGTEK Video: Beginner's basic overview of plan reading (page 75).

www.agtek.com/video.html?id=426

AGTEK Video: An introduction to a number of handy data-editing keyboard shortcuts (page 83).

www.agtek.com/video.html?id=486

AGTEK Video: Selecting bad vertical point on 3D view (page 87).

www.agtek.com/video.html?id=462

AGTEK Video: Using the Find Elevation function (page 88).

<https://youtu.be/v4p8x5yGJhw>

YouTube Video: Good demonstration of controlling AGTEK's 3D view using keyboard shortcuts (page 88).

www.earthworksoftwareservices.com/downloads/whitepaper.pdf

PDF: Handbook author's white paper, "Digital Surface Modeling and Volumetric Analysis Techniques Applied to the Measurement of Plan-View Earthwork Quantities" (pages 91, 211, 353). *[Note: This PDF link may break sometime after mid-2024 but the document link is active on the web archive site referenced in Note 3 on page 263.]*

www.agtek.com/video.html?id=522

AGTEK Video: Using Water Flow utility to error-check a surface (pages 93, 160).

www.agtek.com/video.html?id=408

AGTEK Video: Includes entry of Existing perimeter, Existing Data Lines and Stripping Area from raster PDF plan (page 108).

www.agtek.com/video.html?id=138

AGTEK Video: (@ 2:32 min) Selected points alignment example (page 110).

www.agtek.com/video.html?id=127

AGTEK Video: Includes overview of PDF shortcuts in AGTEK 4D when working with multiple PDF sheets (pages 53, 112).

www.agtek.com/video.html?id=479 **[Gradework 4D]**

AGTEK Video: Edit PDF border reference label with Image Selection utility dialog (pages 34, 117).

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Earthwork Modeling Step-by-Step (Cont.)

www.agtek.com/video.html?id=504

AGTEK Video: Tips on modeling retaining walls (page 123).

<https://bit.ly/3YPORES>

AGTEK Video: Other tips for entering curb line work as a reference for Offsets or Templates (page 128).

www.agtek.com/video.html?id=123

AGTEK Video: (@ 3:30 min) Other Continue function options (page 128).

www.agtek.com/video.html?id=409

AGTEK Video: Includes entry and editing of Design Data Lines with raster PDF plan (page 130).

www.agtek.com/video.html?id=145

AGTEK Video: Use Apply Template utility for street subgrade model (page 148).

www.agtek.com/video.html?id=368

AGTEK Video: Use Apply Template utility for street with curb and gutter (page 149).

www.agtek.com/video.html?id=143

AGTEK Video: Use Apply Template utility for street with side slopes, no curb and gutter (page 149).

www.agtek.com/video.html?id=374

AGTEK Video: Use Apply Template utility for street variable side ditches, no curb and gutter (page 149).

www.agtek.com/video.html?id=399

AGTEK Video: Use Apply Template utility for curb and gutter from TBC lines (page 149).

www.agtek.com/video.html?id=448

AGTEK Video: Use Apply Template utility for curb and gutter from EP lines (page 149).

www.agtek.com/video.html?id=267

AGTEK Video: Relative angle/distance entry applications (page 153).

www.agtek.com/video.html?id=355

AGTEK Video: Relative angle/distance entry applications (page 153).

www.agtek.com/video.html?id=208

AGTEK Video: Single-sheet PDF profile digitizing example (pages 153, 302).

www.agtek.com/video.html?id=147

AGTEK Video: Two-sheet PDF profile digitizing example (pages 153, 302).

www.agtek.com/video.html?id=502

AGTEK Video: More details on multiple-sheet PDF profile digitizing (pages 153, 302).

www.agtek.com/video.html?id=232

AGTEK Video: Two-sheet PDF profile digitizing example with metric scale (pages 153, 302).

www.agtek.com/video.html?id=127

AGTEK Video: (@ 2:02 min) Some additional PDF profile digitizing features in AGTEK 4D (pages 153, 302).

www.agtek.com/video.html?id=534 **[Gradework 4D]**

AGTEK Video: Digitize pipe invert elevations from PDF profile (pages 43, 153, 302).

www.agtek.com/video.html?id=428

AGTEK Video: Editing Design Perimeter alignment with Continue/Backspace method (page 157).

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Earthwork Modeling Step-by-Step (Cont.)

<https://bit.ly/3DFOqU2>

AGTEK Video: Editing horizontal alignment of line work with Insert Point/Move Point/Remove Selected method (pages 157, 191).

www.agtek.com/video.html?id=522

AGTEK Video: Using Water Flow utility to error-check a surface (pages 93, 160).

www.agtek.com/video.html?id=235

AGTEK Video: Surface adjustments with Stripping Areas and Sectional Areas (page 165).

www.agtek.com/video.html?id=536 [Gradework 4D]

AGTEK Video: Applying Gradework-Materials Structures as Sectional Areas and Report Regions (page 165).

www.agtek.com/video.html?id=317

AGTEK Video: Adjusting Highway alignment cross-section surfaces with Stripping Areas and Sectional Areas (page 165).

www.agtek.com/video.html?id=64

AGTEK Video: Adjusting Highway alignment cross-section surfaces with Stripping Areas and Sectional Areas (page 165).

www.agtek.com/video.html?id=400

AGTEK Video: (@ 3:30 min) Basic example of a Report Region/Sectional Area entry at a parking lot with islands (page 180).

www.agtek.com/video.html?id=46

AGTEK Video: Using Sitework 4D entries as Structures in Materials 4D (page 184).

www.agtek.com/video.html?id=259 [Gradework 4D]

AGTEK Video: Using Gradework entries as Structures in Gradework-Materials (page 184).

www.agtek.com/video.html?id=435

AGTEK Video: Editing multiple Sectional Area Depths (page 191).

www.agtek.com/video.html?id=436

AGTEK Video: Editing multiple Report Region Fill Factors (page 191).

<https://bit.ly/3DFOqU2>

AGTEK Video: Editing horizontal alignment of line work with Insert Point/Move Point/Remove Selected method (pages 157, 191).

<https://bit.ly/47EqAp0>

AGTEK Video: What causes, and how to remove, an "Unspecified" line item on the Volume Report (pages 191, 208).

<https://youtu.be/aDkz8PpHIFs>

YouTube Video: Operator's application of vertical/horizontal offsets in a GPS grade control box (page 193).

www.agtek.com/video.html?id=430

AGTEK Video: Generating cross sections covering the entire site area (pages 201, 333).

www.agtek.com/video.html?id=217

AGTEK Video: Generate cross sections for mass analysis when highway project was modeled as a site-type project (page 201).

www.agtek.com/video.html?id=81

AGTEK Video: Multiple cross-section printing option in Highway 4D (page 201).

www.agtek.com/video.html?id=432 [Gradework 4D]

AGTEK Video: (@ 2:00 min) Make Cut-Fill color map a background image (page 204).

www.earthworksoftwareservices.com/resourcegps.htm#AGPS

Web Page: GPS resource page with links for autonomous GPS site inspections (page 207).

Appendix D

Catalog of Day 1 Handbook Web Resources (Cont.)

Earthwork Modeling Step-by-Step (Cont.)

<https://bit.ly/47EqAp0>

AGTEK Video: What causes, and how to remove, an "Unspecified" line item on the Volume Report (pages 191, 208).

www.earthworksoftwareservices.com/resourcesw.htm#video

Web Page: Video screen capture utilities to record AGTEK drive-through simulations to AVI file (page 207).

www.earthworksoftwareservices.com/downloads/whitepaper.pdf

PDF: Handbook author's white paper, "Digital Surface Modeling and Volumetric Analysis Techniques Applied to the Measurement of Plan-View Earthwork Quantities" (pages 91, 211, 353). *[Note: This PDF link may break sometime after mid-2024 but the document link is active on the web archive site referenced in Note 3 on page 263.]*

www.agtek.com/video.html?id=580

AGTEK Video: Overview of Trackwork 4D for haul planning (page 222).

https://flh.fhwa.dot.gov/resources/design/pddm/Geotechnical_TGM.pdf#4.6.2

PDF: Chapter 6, Section 4.6.2 of the USDOT FHWA's "Federal Lands Highway Project Development and Design Manual", which includes Church's material shrink/swell tables (page 223).

https://etd.auburn.edu/xmlui/bitstream/handle/10415/3532/Crooks,%20Alexandria_MS%20Thesis_Spring%202013.pdf

PDF: "Application of Shrinkage and Swelling Factors on State Highway Construction" [Master's thesis, Auburn Univ.] (page 224).

www.earthworksoftwareservices.com/downloads/Spahn.pdf

Web Page: "Veteran Lessons on Machine Control" article (page 224).

ftp://ftp.dot.state.oh.us/pub/Innovative_Delivery/Portsmouth/Final_RFP/Current_All_Ref_Info/GE-Geotechnical/GE-65_Phase_1_and_3_-_Technical_Memo_-_Earthwork_Factors.pdf

PDF: "Portsmouth Bypass Phase 1 Earthwork Factors" technical memo (page 224).

https://pdhonline.com/courses/g106/g106.htm#

Web Page: "Understanding the Geotechnical Report as an Engineering and Construction Reference" (page 224).

www.scribd.com/document/352797986/White-Et-Al-2010-CAT-CFED-Phase-IV

PDF: "Earthwork Volumetric Calculations and Characterization of Additional CFED Soils - CFED Phase IV" (page 224).

www.agtek.com/video.html?id=440

AGTEK Video: (@ 46:30 min) Custom XLSX volume report in Gradework 4D (page 228).

www.agtek.com/video.html?id=531

AGTEK Video: (@ 13:12 min) Custom XLSX volume report in Gradework 4D (page 228).

www.agtek.com/video.html?id=460

AGTEK Video: Using the Length/Area utility (page 229).

Appendix A – How to Get Help, Training, and Program Updates

www.agtek.com/help/sw/earthwork4dhelp.htm

Web Page: Earthwork 4D program help files (page 231).

www.agtek.com/help/gw/gradework4dhelp.htm

Web Page: Gradework 4D program help files (page 231).

www.linkedin.com/groups/2015287/

Web Page: LinkedIn AGTEK Users Group (page 231).

www.agtek.com/traininghome.html

Web Page: Main AGTEK 4D video library page (pages 231, 233).

Appendix D

Catalog of Day 1 Handbook Web Resources (Cont.)

Appendix A – How to Get Help, Training, and Program Updates (Cont.)

www.agtek.com/howto.html

Web Page: AGTEK's resources page for training and support options (page 231).

www.agtek.com/video.html?id=566

AGTEK Video: Webinar video covering all support options, including those of the new AGTEK Community site (page 231).

www.agtek.com/support.html

Web Page: AGTEK customer support home page with links to all support resources (page 231).

www.agtek.com/contactsupport.html

Web Page: Direct link to AGTEK customer support contact submission form (page 231).

support@agtek.com

Web Page: AGTEK support email link (page 232).

<https://bit.ly/3R8R0ly>

AGTEK Video: AGTEK 4D's ESZ Save As function with multiple background image attachment option (page 232).

<https://sendit.hexagon.com/filedrop/support@agtek.com>

Web Page: AGTEK's Send IT app for transferring large files to AGTEK Support, AGTEK Support login required (page 232).

www.agtek.com/video.html?id=561

AGTEK Video: (@ 2:49 min) AGTEK Access' file-sharing utility (pages 21, 232).

www.earthworksoftwareservices.com/resourceed.htm#beginners

Web Page: Beginners' earthwork construction learning resource page (page 233).

www.earthworksoftwareservices.com/hbk-replace-order.aspx

Web Page: Order form to replace lost/outdated seminar handbook (pages 1, 233).

www.earthworksoftwareservices.com/seminars.aspx

Web Page: Earthwork Software Services' seminar schedule page (page 233).

www.agtek.com/onlinetraining.html

Web Page: AGTEK web-based "hands-on" training info/signup page (page 233).

www.agtek.com/handsontesting.html

Web Page: AGTEK classroom "hands-on" training info/signup form (page 233).

www.agtek.com/seminartraining.html

Web Page: AGTEK classroom "hands-off" seminars info/signup form (page 233).

www.agtek.com/learning.html

Web Page: A series of good video-augmented basic AGTEK 4D training exercises, including corresponding data files (page 233).

www.agtek.com/traininghome.html

Web Page: Main AGTEK 4D video library page (pages 231, 233).

<https://agtek.my.site.com/community/s/training-agtek-courses>

Web Page: AGTEK Community training courses page for Gradework 4D and newer products, Support login required (page 233).

<https://agtek.s3.amazonaws.com/Agtek/Bsxz8VFfoGuP>

PDF: Comprehensive, well-organized AGTEK "Training Checklist" with clickable links to training resources (videos, slideshows, documents) for all current AGTEK desktop and mobile software applications (page 233).

www.youtube.com/c/AGTEKDirtSimpleSolutions/videos

Web Page: AGTEK's public YouTube video channel page (page 233).

Appendix D

Catalog of Day 1 Handbook Web Resources (Cont.)

Appendix A – How to Get Help, Training, and Program Updates (Cont.)

www.agtek.com/video.html?id=559

AGTEK Video: Download and install AGTEK 4D program update (pages 21, 234).

www.agtek.com/software.html

Web Page: Download page for AGTEK software and PDF user manuals (page 234).

www.agtek.com/newslettersignup.html

Web Page: Signup form for AGTEK's periodic email newsletter (page 234).

www.earthworksoftwareservices.com/resourcesw.htm#gtco [Earthwork 3D]

Web Page: GTCO digitizing tablet resource links (pages 30, 236).

Appendix B – Keyboard Shortcuts Reference

www.agtek.com/help/gw/keyboard_shortcuts.htm

Web Page: AGTEK 4D keyboard shortcut help pages (page 237).

Appendix C – Download and Use Day 1 Seminar Training Files

www.earthworksoftwareservices.com/resourcefiles.htm

Web Page: Download Day 1 seminar training files from main website (pages 50, 259).

<https://web.archive.org/web/https://www.earthworksoftwareservices.com/resourcefiles.htm>

Web Page: Download Day 1 seminar training files from alternate web archive site (pages 259, 263).

Appendix E – Format and Print Documentation

www.agtek.com/video.html?id=387

AGTEK Video: Comprehensive Print Page functions overview (page 273).

www.agtek.com/video.html?id=236

AGTEK Video: Older comprehensive Print Page functions overview with some interesting additional details (pages 66, 273, 278).

www.agtek.com/printers.html

Web Page: AGTEK's Printer Compatibility list (page 273).

www.agtek.com/video.html?id=236

AGTEK Video: (@ 4:50 min) Saving Google Earth JPG image and importing JPG to AGTEK Print Page (pages 66, 273, 278).

www.bullzip.com

Web Page: Free third-party print-to-PDF application (page 283).

www.biopdf.com

Web Page: Free third-party print-to-PDF application (page 283).

www.earthworksoftwareservices.com/resourcesw.htm#vrmf

Web Page: Info and links on exporting surface to a VRML (Virtual Reality Markup Language) file (page 283).

<https://bit.ly/3MnIDap>

PDF: Google Earth User Guide (pages 71, 286).

www.agtek.com/video.html?id=220

AGTEK Video: Manipulating exported AGTEK KMZ data in Google Earth (page 286).

www.agtek.com/video.html?id=174

AGTEK Video: Includes some additional manipulations of exported AGTEK KMZ data in Google Earth (page 286).

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Catalog of Day 1 Handbook Web Resources (Cont.)

Appendix E – Format and Print Documentation (Cont.)

www.agtek.com/video.html?id=163

AGTEK Video: Organize Google Earth folders for multiple PDF plan sheets (pages 34, 286).

Appendix G – Digitizing from Multiple Paper Plan Sheets - AGTEK 3D

www.agtek.com/video.html?id=203

AGTEK Video: Import and align multiple PDF plan sheets using overview PDF plan sheet in AGTEK 4D (pages 35, 298).

Appendix H – Digitizing from Paper Profile Sheets - AGTEK 3D

www.agtek.com/video.html?id=208

AGTEK Video: Single-sheet PDF profile digitizing example in AGTEK 4D (pages 153, 302).

www.agtek.com/video.html?id=147

AGTEK Video: Two-sheet PDF profile digitizing example in AGTEK 4D (pages 153, 302).

www.agtek.com/video.html?id=502

AGTEK Video: More details on multiple-sheet PDF profile digitizing in AGTEK 4D (pages 153, 302).

www.agtek.com/video.html?id=232

AGTEK Video: Two-sheet PDF profile digitizing example with metric scale in AGTEK 4D (pages 153, 302).

www.agtek.com/video.html?id=127

AGTEK Video: (@ 2:02 min) Some additional PDF profile digitizing features in AGTEK 4D (pages 153, 302).

www.agtek.com/video.html?id=534 [Gradework 4D]

AGTEK Video: Digitize pipe invert elevations from PDF profile (pages 43, 153, 302).

Appendix J – Design and Drafting Tools

www.earthworksoftwareservices.com/resourcesa.htm

Web Page: Links to analytic add-ons for Google Earth and other site analysis resources (page 323).

www.agtek.com/video.html?id=430

AGTEK Video: Generating cross sections covering the entire site area (pages 201, 333).

<https://bit.ly/47bHbAA>

AGTEK Video: AGTEK 4D's Cut/Paste function (page 334).

www.agtek.com/video.html?id=431

AGTEK Video: Selecting and filtering data with the Label Selection utility (page 338).

www.agtek.com/video.html?id=545

AGTEK Video: Line work clean up with Fillet Line utility (page 346).

www.agtek.com/video.html?id=535

AGTEK Video: (@ ~17:29 min to ~37:00 min) some interesting preliminary site design and balancing manipulations (page 351).

About the Author and Seminar Instructor

www.earthworksoftwareservices.com/downloads/whitepaper.pdf

PDF: Handbook author's white paper, "Digital Surface Modeling and Volumetric Analysis Techniques Applied to the Measurement of Plan-View Earthwork Quantities" (pages 91, 211, 353). [Note: This PDF link may break sometime after mid-2024 but the document link is active on the web archive site referenced in Note 3 on page 263.]