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Nota di contenuto	Introduction; Chapter 1: The Basics; The Interface; Civil 3D Templates; Creating Basic Lines and Curves; Creating Curves; Using Transparent Commands; The Bottom Line; Chapter 2: Survey; Setting Up the Databases; Description Keys: Field to Civil 3D; Using Inquiry Commands; The Bottom Line; Chapter 3: Points; Anatomy of a Point; Creating Basic Points; Basic Point Editing; Point Tables; User-Defined Properties; The Bottom Line; Chapter 4: Surfaces; Understanding Surface Basics; Creating Surfaces; Refining and Editing Surfaces; Surface Additions; Surface Analysis; Comparing Surfaces Labeling the SurfacePoint Cloud Surfaces; The Bottom Line; Chapter 5: Parcels; Introduction to Sites; Creating a Boundary Parcel; Creating Subdivision Lot Parcels Using Precise Sizing Tools; Editing Parcels by Deleting Parcel Segments; Best Practices for Parcel Creation; Labeling Parcel Areas; Labeling Parcel Segments; The Bottom Line; Chapter 6: Alignments; Alignment Concepts; Creating an Alignment; Editing Alignment Geometry; Alignments As Objects; The Bottom Line; Chapter

7: Profiles and Profile Views; The Elevation Element; Editing Profiles; Profile Views; Editing Profile Views
Profile LabelsProfile Utilities; The Bottom Line; Chapter 8: Assemblies and Subassemblies; Subassemblies; Building Assemblies; Specialized Subassemblies; Advanced Assemblies; Organizing Your Assemblies; The Bottom Line; Chapter 9: Basic Corridors; Understanding Corridors; Recognizing Corridor Components; Working with Corridor Feature Lines; Understanding Targets; Editing Sections; Creating a Corridor Surface; Performing a Volume Calculation; Building Non-Road Corridors; The Bottom Line; Chapter 10: Advanced Corridors, Intersections, and Roundabouts; Using Multiregion Baselines
Modeling a Cul-de-SacMoving Up to Intersections; Using an Assembly Offset; Understanding Corridor Utilities; Using a Feature Line as a Width and Elevation Target; Tackling Roundabouts: The Mount Everest of Corridors; The Bottom Line; Chapter 11: Superelevation; Preparing for Superelevation; Applying Superelevation to the Design; Oh Yes, You Cant; Superelevation and Cant Views; The Bottom Line; Chapter 12: Cross Sections and Mass Haul; Section Workflow; Creating Section Views; It's a Material World; Section View Final Touches; Mass Haul; The Bottom Line; Chapter 13: Pipe Networks
Pipe Network SetupCreating a Sanitary Sewer Network; Editing a Pipe Network; Creating an Alignment from Network Parts; Drawing Parts in Profile View; Adding Pipe Network Labels; Creating an Interference Check; Creating Pipe Tables; Under Pressure; Part Builder; Part Builder Orientation; The Bottom Line; Chapter 14: Grading; Working with Grading Feature Lines; Grading Objects; The Bottom Line; Chapter 15: Plan Production; Preparing for Plan Sets; Using View Frames and Match Lines; Creating Plan and Profile Sheets; Creating Section Sheets; Drawing Templates; The Bottom Line
Chapter 16: Advanced Workflows

Sommario/riassunto

The complete, detailed reference and tutorial for AutoCAD Civil 3D 2014 AutoCAD Civil 3D is the industry-leading civil engineering software, and this authoritative Autodesk Official Press book has been completely updated to offer you the latest tips, tricks, and techniques of this dynamic engineering program. Packed with new, real-world examples and practical tutorials, this book takes advantage of the authors' extensive experience and Civil 3D expertise, which allows them to share best practices and methods for creating, editing, displaying, labeling and presenting real-world civi
