AutoCAD® Civil 3D® 2011
UK and Ireland Country Kit

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What is a Country Kit?

- A selection of files of content to give the out of the box experience of a local product
- Local standards in drawing production, design and reporting
- Local content such as subassemblies
- Local tools for sharing data
Where do I find it?

- Built within the installation of Civil 3D since 2010 release

- Updated via the web www.autodesk.com/civil3d-countrykits
Installation – hit ‘Configure’
Add/Remove from Control Panel
What is the country kit made up of

- **_Autodesk Civil 3D 2011 UKIE.dwt** template for UK and Ireland styles for Civil 3D objects and labels.
- **_Autodesk Civil 3D 2011 IE.dwt** template for local authorities in Ireland to emulate styles similar to DOER.
- **_Autodesk Civil 3D 2011 OS Mastermap.dwt** template for UK for importing OS Mastermap gz/gml files and theming.
- **UK IE Pipes/Structures Catalog.** Folder with pipes files that correspond with Parts Lists (styles) in the template.
- **Corridor Design Standards.** A setup file for Design Criteria and Superelevation for Corridor models based on DMRB/NRA standards. Also a file for roundabout design with suggested values.
- **Quantities Reports.** Folder with files containing settings for generating reports of volume for Corridor models or dynamic tables in the current drawing.
- **Toolbox.** containing reports, which can be run from the Toolbox tab in the Toolspace.
- **Assemblies.** Folder containing drawings with predefined assemblies that can be used with the Junction functionality.
- **Rate Item Data.** An example file containing settings for reporting areas and length from objects in the current drawing.
Templates

- **Autodesk Civil 3D 2011 UKIE.dwt** template for UK and Ireland styles for Civil 3D objects and labels.

- **_Autodesk Civil 3D 2011 IE.dwt** template for local authorities in Ireland to emulate styles similar to DOER.

- **_Autodesk Civil 3D 2011 UKIE OS Mastermap.dwt** template for UK for importing OS Mastermap gz/gml files and theming
Toolpalette

- For 2011 release the UKIE icon on the desktop will enable the UKIE toolpalette
- Typical subassemblies and values
- British Standard kerbs, blocks and edgings
- Dynamic turning heads
  - Collection of blocks with Civil 3D objects
- Links to
  - From the Ground Up blog for updates and tips and tricks
  - From the Ground Up Youtube Channel
  - Helpfile for the country content kit
  - DMRB A values for dynamic transition curves
Junction Design
Roundabout Design

- Set the design standard to UKIE.xml file

Some typical values given and UK roadmarkings are included in the UKIE template such as 1004, 1003 etc.
Roundabout Design
Pipes and Structures

- Set the pipe network catalog to UK IE
- Pipes and Structures to Sewers for Adoption 6th Edition
- CAD Standards
- Underground utilities
Reports

- Geometry reports
- Cross Section reports
Borehole Import

- Import of AGS and CSV files
- Creation of Civil COGO points and groups
- Projection of boreholes to a profile view
Microdrainage WinDES Tool

- A tool to rename pipe networks, export and import SWS/FWS files
- For 2011 32bit and 64bit version has been implemented
Microdrainage WinDES Tool - Workflow

1. Civil 3D layout network
2. Export the pipe information
3. Analyse in Microdrainage WinDES
4. Re-import into Civil 3D
5. Dynamically update the network and drawings/tables etc
Additional Tools

Bonus tools for

- Converting 2D contours to 3D
- Import/Export Surface Analysis for theming a surface for height or volume
- Drawing a grid on a viewport
- Conversion of blocks to Civil Cogo points