

Title	Type	Initials	Date	Description
About	Command Improvement	KL	2015/11/27	Added logo and removed excess details.
Adjust Inverts	Command Improvement	KL		Added option to adjust pipe inverts relative to the structure inverts.
Bulk Water Wizard	Bug Fix	KL	2015/10/26	When running the command for a second time in the same drawing an error may occur if the alignment previously created is not renamed.
Cogo points table styles	Template	AV	2015/12/09	Added new table styles with Chainage X Y
Coordinates grouping	Template	AV	2015/12/09	All coordinate values in labels and labels have numbers grouped to three digits with gap in between
Corridor Wizard	Bug Fix	KL	2015/11/06	Assigned names to the featurelines that are created.
Corridor Wizard	Bug Fix	KL		Alignment style and label set not being correctly applied.
Corridor Wizard	Bug Fix	KL		Corridors and profile views are not created on the default layer, but instead on layer 0.
Corridor Wizard	Bug Fix	KL		Error when cancelling before selection polylines.
Corridor Wizard	Bug Fix	KL		Error when creating corridors/alignments with existing names.
Corridor Wizard	Command Improvement	KL	2015/11/10	Changed how featurelines are named.
Corridor Wizard	Command Improvement	KL		Added ability to specify the amount by which a corridor should be shortened.
Corridor Wizard	Command Improvement	KL		Added option to create a datum surface and made surface creation optional.
Corridor Wizard	Command Improvement	JV		Added option to the Design Criteria tab to slope road with NGL that will calculate the super elevation with (otherwise against) the slope of the NGL.
Corridor Wizard	Command Improvement	KL		Removed dialog that reported lines as not being a valid selection.
Delete Structure	Command Improvement	JV		Function can now delete structures in plan view as well.
Font changed to Arial	Template	AV	2015/12/09	
General	Bug Fix	KL		Crashes when the Alignment and Profile layers listed in the Object Layers tab of the Drawing Settings dialog does not exist in the drawing.
Grading diamond marker	Template	AV	2015/12/09	Colour changed to magenta
Grid and Volume Surface Crashes	Bug Fix	KL		Possible crashes or errors when a Volume or Grid surface is present in the drawing.
HGL and EGL are in the separate layer	Template	AV	2015/12/09	HGL and EGL lines are in the separate layer so they can easily be switched off
Import Culvert	Command Improvement	KL	2015/12/11	Overhauled interface and added more options.
Import INP	Bug Fix	KL	2016/02/15	Parts list was incorrectly assigned.
Import INP	Bug Fix	EvZ	2016/02/15	Pipe data loaded twice
Import INP	Bug Fix	EvZ		Files containing a TAB character imported incorrectly.
Improved pipe band sets	Template	AV	2015/12/09	Correct geometry points are ticked for the band sets with information at structures and intervals
Insert Structure	Bug Fix			Random error when trying to insert a structure.
Intersection Wizard	Bug Fix	KL	2015/11/06	Featureline and containing site remained if the intersection fails, now removed.
Intersection Wizard	Bug Fix	KL	2016/02/03	Sometimes the wrong target would be set to the intersection region of road 2.
Intersection Wizard	Bug Fix	KL	2016/02/12	Intersection wizard failed when using Civil 3D 2016 Service Pack 2
Intersection Wizard	Bug Fix	KL		Temporary profiles not being deleted.
Intersection Wizard	Bug Fix	KL		When creating an intersection with the right side only no solution would be found.
Intersection Wizard	Command Improvement	KL	2015/11/06	Changed how sites and featurelines are created and named.
Intersection Wizard	Command Improvement	KL	2015/11/10	Changed how sites are created and changed naming conventions.
Intersection Wizard	Command Improvement	KL	2015/11/12	Added better error reporting when a solution could not be found.
Intersection Wizard	Command Improvement	KL		Added intersection label option.
Intersection Wizard	Command Improvement	KL		Added option to delete bellmouth polylines.
Kerb inlets have floor thickness 0	Template	AV	2015/12/10	For case when client does not want to display floor slab in the longsection
Line label style with direction arrow	Template	AV	2015/12/09	
Modify Views	Command New	KL	2016/02/16	Modify tools for Profile and Section Views, allowing batch datum, height and position modification.
Move Sample Line	Command New	KL	2016/02/15	Moves sample lines at an increment allowing the use of very few section views during the design phase.
Network Optimise	Command Improvement	KL	2016/02/01	Moved "Draw Profiles" to Sewer and Storm Water managers
New codes in code set styles	Template	AV	2015/12/09	Added followig codes ETWIL, ETWOL, ETWIR, ETWOR for dual roads and other codes for curbs and slopes
New corridor code set style	Template	AV	2015/12/09	Style for cross sections at intersection where slopes are not displayed
New labels for links	Template	AV	2015/12/09	
New styles for ETWL and ETWR	Template	AV	2015/12/09	ETWL and R styles are the same like shown in the superelevation band and the colours are different from the VA style
New surface styles	Template	AV	2015/12/09	Added new surface styles showing watershed and contours
Pipe layers	Template	AV	2015/12/09	Each view has its own layer so pipes can be switched on and off independtly in plan, model, section and profile view
Pipe network types are splitted to layers	Template	AV	2015/12/09	Different pipe networks are in different layer, e.g. C3D-Pipe-Water, C3D-Structure-Water
Pipe style per type	Template	AV	2015/12/09	Pipe styles are per type (storm, sewer, water etc.) and not per size as it was for storm water pipes
Pipes and structure styles	Template	AV	2015/12/09	They change colour by layer

Profile Feature Line	Bug Fix	KL	2015/11/12	Possible crash if profile linked to feature line was deleted.
Profile Feature Line	Bug Fix	KL	2015/11/12	Profile names changed if UNDO was used to undo the command.
Profile view labels	Template	AV	2015/12/09	Added new profile view labels
Profile view legend	Template	AV	2015/12/09	Legend is in the separate layer so it can be easily switched off (no need to edit band style)
Rebuild Feature Profiles	Bug Fix	KL		Possible error if an autocorridor featureline was deleted.
Refresh Split View	Command New	KL	2016/02/15	Refreshes split profile view when splitting or moving to ensure it is displayed correctly.
Reload iDAS CUI	Command New	KL	2016/02/29	Loads the iDAS ribbon into the current profile and unload any old ribbons (RELOADIDASCUI).
Removed part lists with different rules	Template	AV	2015/12/09	Removed storm and sewer part lists with different rules according to the pipe size
Sewer Manager	Bug Fix	KL	2015/11/05	Error when parcel polyline not on surface.
Sewer Manager	Bug Fix	KL	2015/11/05	When creating a house connection the structure is placed in the middle of the parcel and a polyline is not created.
Sewer Manager	Bug Fix	KL		Error when there was no parcels in the sewer design.
Sewer Manager	Bug Fix	KL		High time steps causes analysis to fail.
Sewer Manager	Bug Fix	KL		Potential error when sorting certain columns.
Sewer Manager	Bug Fix	KL		Space in Structure and Pipe names cause analysed results not to be updated.
Sewer Manager	Bug Fix	KL	2016/02/18	Analysis hangs when a pipe has a negative slope.
Sewer Manager	Command Improvement	KL	2015/11/05	Added option to select an existing polyline as a house connection polyline.
Sewer Manager	Command Improvement	KL	2015/11/11	Added a percentage modifier to the house connection path.
Sewer Manager	Command Improvement	KL	2015/11/11	Added ability to select a polyline for the longest parcel flow path.
Sewer Manager	Command Improvement	KL	2015/11/11	Added offset properties to the house connection types.
Sewer Manager	Command Improvement	KL	2015/11/11	Sped up opening of the dialog for large networks.
Sewer Manager	Command Improvement	KL	2015/11/11	Updated house connection graph to show parcel connection line.
Sewer Manager	Command Improvement	KL	2015/11/20	Added highlighting of pipes and structures when selecting an item in a list.
Sewer Manager	Command Improvement	KL	2015/11/20	Added structure depths to volume calculations.
Sewer Manager	Command Improvement	KL	2015/11/20	Added volumes by length.
Sewer Manager	Command Improvement	KL	2015/11/25	House connection surface drop-down now remembers the last surface chosen.
Sewer Manager	Command Improvement	KL		Added culvert types.
Sewer Manager	Command Improvement	KL		Added customizable hydrodynamic optimisation size.
Sewer Manager	Command Improvement	EvZ		Added export option to export structure information (e.g. Name, Y, X, etc.).
Sewer Manager	Command Improvement	KL		Various UI changes to align the UI with the Storm Water Manager.
Sewer Manager	Command Improvement	KL	2016/02/18	View tab will remember last selection and added options to remove labels.
Sewer Manager	Command Improvement	KL	2016/02/19	Export tables of the data to a CSV.
Sewer parcel connection styles	Template	AV	2015/12/09	New styles for 3D polyline projection to profile view and new layer
Sewer Manager	Command Improvement	KL	2016/02/01	Added option to draw profile views for an entire network (moved from Network Optimised with improvements).
Storm Water Manager	Bug Fix	KL		Error when swapping selected pipes when none were selected.
Storm Water Manager	Bug Fix	KL		High time steps causes analysis to fail.
Storm Water Manager	Bug Fix	KL		Incorrect attachment of weirs and orifices to ponds during analysis.
Storm Water Manager	Bug Fix	KL		Inlet/Outlet offset possibly incorrect for channels.
Storm Water Manager	Bug Fix	KL		Possible crash when selecting a structure for a catchment when the structure column is sorted.
Storm Water Manager	Bug Fix	KL		Potential error when sorting certain columns.
Storm Water Manager	Bug Fix	KL		Space in Structure and Pipe names cause analysed results not to be updated.
Storm Water Manager	Bug Fix	KL	2016/02/18	Analysis hangs when a pipe has a negative slope.
Storm Water Manager	Command Improvement	KL	2015/11/05	Sped up opening of the dialog for large networks.
Storm Water Manager	Command Improvement	KL	2015/11/20	Added highlighting of pipes and structures when selecting an item in a list.
Storm Water Manager	Command Improvement	KL	2015/11/20	Added structure depths to volume calculations.
Storm Water Manager	Command Improvement	KL	2015/11/20	Added volumes by length.
Storm Water Manager	Command Improvement	KL	2016/02/01	Added option to draw profile views for an entire network (moved from Network Optimised with improvements).
Storm Water Manager	Command Improvement	KL		Added ability to modify IDF curves and create custom curves.
Storm Water Manager	Command Improvement	KL		Added culvert types.
Storm Water Manager	Command Improvement	KL		Added customizable hydrodynamic optimisation size.
Storm Water Manager	Command Improvement	EvZ		Added export option to export structure information (e.g. Name, Y, X, etc.).
Storm Water Manager	Command Improvement	KL		Added Kerby Time of Concentration.
Storm Water Manager	Command Improvement	KL		Average slope method automatically changes based on time of concentration method chosen.
Storm Water Manager	Command Improvement	KL	2016/02/18	View tab will remember last selection and added options to remove labels.
Storm Water Manager	Command Improvement	KL	2016/02/19	Export tables of the data to a CSV.
Storm Water Manager	Command Improvement	KL	2016/02/23	Added time patterns.

Structure hatching	Template	AV	2015/12/09 Structures have hatching in the separate layer so hatching can be switched on and off in plan
Structures display connected pipes in PV	Template	AV	2015/12/09
Surface point style size	Template	AV	2015/12/09 All styles with surface points have point style 1m (instead of 3 m)
Surface Profile	Command Improvement	KL	2015/11/05 Changed the prompt "Select Objects" to "Select Profile Views"
Swap Pipes	Bug Fix	KL	2015/11/26 Sometimes the resize position is not used.
Swap Pipes	Bug Fix	KL	Cannot choose pipes if network has certain Parts Lists.
Swap Pipes	Bug Fix	JV	Was iDAS function. Changed to DPX
Swap Structures	Bug Fix	KL	Cannot choose structures if a network in the drawing has no structures.
Vinidex PVC-O pipes	Pipe Catalogue	AV	They were added to our catalogue.
Water House Connections	Command Improvement	KL	Option to attache house connections to a pipe instead of automatic.
Water Manager	Command Improvement	KL	2015/11/09 Added graphs showing results.
Water Manager	Command Improvement	KL	2015/11/13 Added calibration data to the water analysis.
Water Manager	Command Improvement	KL	2015/11/20 Added highlighting of pipes and structures when selecting an item in a list.
Water Manager	Command Improvement	KL	2015/11/20 Added structure depths to volume calculations.
Water Manager	Command Improvement	KL	2015/11/20 Added volumes by length.
Water Manager	Command Improvement	EvZ	Added export option to export structure information (e.g. Name, Y, X, etc.).
Water Manager	Command Improvement	KL	Changed the roughness coefficient to have 4 decimal places.
Water Manager	Command Improvement	KL	2016/02/18 View tab will remember last selection and added options to remove labels.
Water Manager	Command Improvement	KL	2016/02/19 Export tables of the data to a CSV.