# SIDRA INTERSECTION VERSION 5.0
# UPDATE HISTORY

## Version 5.0.5.1510
Release Date: 9 Dec 2010

*Enhancements:*

- Improvements to Layout Picture.

- Error messages in Geometry dialog and the related processing messages improved.

- Name of a cloned item (e.g. Site or Sequence) changed from "Copy of xxx" to "xxx – Copy", name of a converted site changed from "Conversion of xxx" to "xxx – Conversion".

- User Guide updated.

*Bug Fixes:*

- Bug where Metered and Controlling Approach data were lost when a Metered Roundabout site was rotated in the Intersection dialog fixed.

- Bug with lane, sequence or phase addition in some unusual cases fixed.

- Graphs no longer produced when flow scale analysis facility is used with lower limit = upper limit specified.

- When a Site is imported from a Project file, the Project file's "Date modified" is no longer changed.

- Bug when opening a Project file with file name greater than 100 characters fixed.

## Version 5.0.4.1498
Release Date: 22 Nov 2010

*Bug Fixes:*

- Minor bug in Layout Picture drawing resulting in non-smooth lines for shared and continuous lanes.

- Bug in variable run results when sensitivity analysis facility is used with lower limit = upper limit specified.

## Version 5.0.3.1497
Release Date: 17 Nov 2010

*Enhancements:*

- Important improvements to Layout Picture for all intersection types.

- When the Process button is used in a dialog after modifying input data, any open output reports and displays will be kept open and updated following processing rather than being closed.

- Information about cycle time options added to report headers for signalised sites. Information about the Green Split Priority option improved.

- Design Life, Flow Scale and Parameter Scaling information moved to report headers.

- Proportion Queued now reported as "NA" rather than zero for continuous movements.

- Input Report style improved to match the style in the forthcoming INPUT COMPARISON utility.

- Geometry dialog improvements: Selected Lane information always visible; F2 and Shift F2 keys introduced for lane and leg selection.

- In the Volumes dialog, the LV or Total volume input data field will have focus automatically when the dialog is opened.

- New processing error checks introduced for unusual geometric configurations such as all legs being specified as one-way exits.

- User Guide updated including new section on SIDRA Utilities and API.

*Bug Fixes:*

- Actions in Geometry and in Phasing & Timing dialogs were treated as if data were changed even if no changes had been made.

- Various problems setting lane disciplines in Geometry dialog fixed.

- Various problems with Input Data fields in some dialogs resolved.

- Problems with overall control buttons (set all pedestrians as full/staged, remove all) in Pedestrians dialog fixed.

- Model Settings dialog retained changes when Cancel was used, even though the user answered "No" to the question about saving.

- Apply button caused unwanted changes to dialog titles.

- Speed data ranges made consistent between normal and freeway movements.

- Save function did not operate correctly if Graphs display was open.

- Windows printing methods modified to prevent some unusual errors related to network printers.

- Use of Enter key in Project Tree did not open Detailed Output correctly (blank window was displayed).

- Some Output Displays (e.g. Volume Summary) had black lines at the edges when copied and pasted on some systems (depended on display settings).

- Slip lanes did not display correctly in Phasing Summary if Turn on Red applied.

- Utilities reported that SIDRA INTERSECTION was unlicensed and did not work if a FLOATING licence was in use.

- The API reported that banned movements still existed.

- In the API COM interface, sometimes small changes to data were not saved back to the original SIDRA INTERSECTION project file.

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- The API COM interface was not compatible with 64-bit programs, e.g. Office 2010 64-bit edition. This is resolved by setting some registry keys when SIDRA INTERSECTION is installed or when this update is applied.

- The API notification icon has been removed from the Windows tray. This did not function correctly on 64-bit systems and did not disappear after API programs were closed.

- "Ped Crossing Road", "Freeway Ramp Merge" and "All-Ped Phase" templates improved.

- Backup file was being replaced every time Save was clicked. Backup file now remains as an unchanged copy of the original project throughout the session.

- Queue Space values specified in Custom Models did not get applied to a new site.

- If a project had previously (but no longer) contained a site based on a Custom Model, whenever the project was opened, the software would ask about importing the Custom Model.

- Some incorrect performance outputs for roundabout metering cases fixed.

## Version 5.0.2.1437
Release Date: 6 Aug 2010

*Enhancements:*

- Improvements to Layout Picture.

- Confirmation required if user attempts to exit from an input dialog using "Cancel", "Esc" or clicking "X" if data has been changed.

*Bug Fixes:*

- Utilisation factors not calculated correctly for lane underutilisation due to downstream short lanes when US Units were used.

- Input errors in "PedZebra" templates fixed.

- Error when trying to draw Layout Picture in some unusual geometry cases.
- Failure to make a Chart Series visible in Graphs in some cases fixed.

**Version 5.0.1.1427**
Release Date: 20 Jul 2010

- First release.

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