



autotrack
designs for movement

AutoTrack Junctions



Roundabout Design & Analysis: Feature Comparison

We're so confident in AutoTrack that we invite you to compare it with any other roundabout design program and discover for yourselves why AutoTrack leads the way !


"...what you have developed in conjunction with TRL and Autodesk (Civil 3D) is very exciting and encompasses BIM Methodologies entirely based on Bi-Directional Design and Analysis workflows and processes"

Duncan Brannan
UK CAD Operations
Manager
WSP Group



AutoTrack Junctions

Roundabout Design & Analysis: Feature Comparison

Feature		Your Current Software
Automatic geometry: Creates roundabout geometry to defined standards. Automatically observes tangency and geometric constraints.	✓	
Dynamic Editing: A feature that allows you to edit geometry intuitively using grip editing. Automatically maintains tangency and geometric constraints.	✓	
User-definable standards: Define default and limiting values for every geometric value from ICD to splitter radius. Supplied with US & UK standards.	✓	
Head-Up Display: Critical analysis data displayed in easy to read, colour coded, head up displays. Data can optionally be displayed in tabular format.	✓	
Entry deflection: Control of entry deflection using approach centreline offset, entry or splitter radii or island radius.	✓	
UNIQUE! ARCADY Link: Includes a dynamic bi-directional link to industry standard ARCADY 7 for capacity analysis. RFC, LOS and other data is updated in real-time.	✓	
Approach alignments: Automatic approach alignment to model new roundabouts; user-definable approach alignments to model and analyse existing roundabouts.	✓	
Links to selected alignments: Maintains a link to lines or polylines used to define arm alignments so that the roundabout updates when they change.	✓	
Fastest path analysis: Calculates and displays fastest path and critical design radii and speeds for entry, circulating and exit paths as well as left and right turns.	✓	
UNIQUE! Civil 3D Alignments: Creates Civil 3D alignments so 3D corridor model can be built. Updates in real-time when the roundabout geometry changes.	✓	
Creates valid vehicle paths: Use AutoTrack Roads Pro to snap automatically onto valid routes and update automatically when the roundabout geometry changes.	✓	
Multi-lane: Up to four lanes on approach and circulation with easily adjustable entry and exit lane count. Grip editable additional lane length and flare angle.	✓	
Click-to-Place Features: One-click placement of features such as pedestrian crossings (with multiple island crossing types), rumble strips & speed striping.	✓	
FREE! 2D and 3D Animation*: Multi-vehicle 2D and 3D animation tools with acceleration and deceleration. Includes drivers eye view and tracking camera options.	✓	
Visibility analysis: All types of sightlines including approach, entry forward and backward, circulatory and crossing. Toolbar buttons for fast switching.	✓	
Splitter islands: Full control over splitter island geometry including nearside, offside, ICD and corner fillet radii. Divided islands with pedestrian refuges.	✓	
Pedestrian crossings: Control crossing offset, width and angle. Mirror or project across approaching and departing lanes. Straight or staggered refuges.	✓	
Entry angle measurement override: Override the automatically selected method used to calculate the entry (or conflict angle).	✓	
Automatic design vehicle checks: Automatically checks geometry for compliance with required, user-definable, design vehicles.	✓	

Feature		Your Current Software
User-definable draw styles: The display of all elements of the roundabout are controlled by user-definable styles. Full control over line weight, type, layer, scale, etc.	✓	
Service roads: Optionally ignore entry or exit service roads in capacity calculations.	✓	
Properties diagram: Data entry is made easier with the properties diagram which shows clearly what value is required as the cursor moves between fields.	✓	
Project Auditing: Includes Audit tool which highlights potential problems with your AutoTrack projects.	✓	
Data Sharing: Single click option to share vehicle libraries between users locally or on network (LAN or WAN).	✓	
Compatibility: Supports all versions of AutoCAD (including verticals & 64 bit) & MicroStation (including PowerDraft, PowerCivil, P'InRoads, P'GEOPAK & MX).	✓	
FREE! SavoyCAD: Supplied with a CAD system within which you can run AutoTrack even if you don't have AutoCAD or MicroStation. Completely free of charge!	✓	
Data Portability: Transfer paths, settings or all data between hosts using export / import functionality.	✓	
Automatic Updates: Automatic updating checking with new feature and bug fix notification prior to download and installation.	✓	
Support, Maintenance & Upgrades: Optional contracts offer free program updates (including major versions) and free support via, email, telephone or fax.	✓	
Context Sensitive Help: Fully indexed, context sensitive and searchable help system.	✓	
Embedded Data: All data stored in drawing so no additional files to transfer or archive.	✓	
AutoTrack Tutor: Optional permanently displayed context sensitive program guidance.	✓	
Rental option: AutoTrack Junctions, along with all other AutoTrack modules, may be rented in weekly periods.	✓	
Multi-Lingual: Available in six languages, English, French, German, Spanish, Italian & Portuguese. Change language at run-time.	✓	
Hardware Lock Protected: To run AutoTrack on another computer, just move the dongle. Network version uses a server dongle with monitor to locate licences.	✓	
Impeccable Credentials: Savoy are privileged to be an Autodesk AEC Industry Partner; one of just a handful worldwide. That's some recommendation!	✓	

Available in:
 English
 US English
 French
 Spanish
 German
 Italian
 Portuguese

Savoy are an Autodesk Industry Partner



savoy
 computing

Savoy Computing Services Ltd
 Clermont House
 High Street
 Cranbrook
 Kent, TN17 3DN
 UK

T: +44(0)1580 720 011
 F: +44(0)1580 720 022
 E: sales@savoy.co.uk
 W: www.savoy.co.uk
 US: +1 866 527 3790

So...
 ...how did we do?

