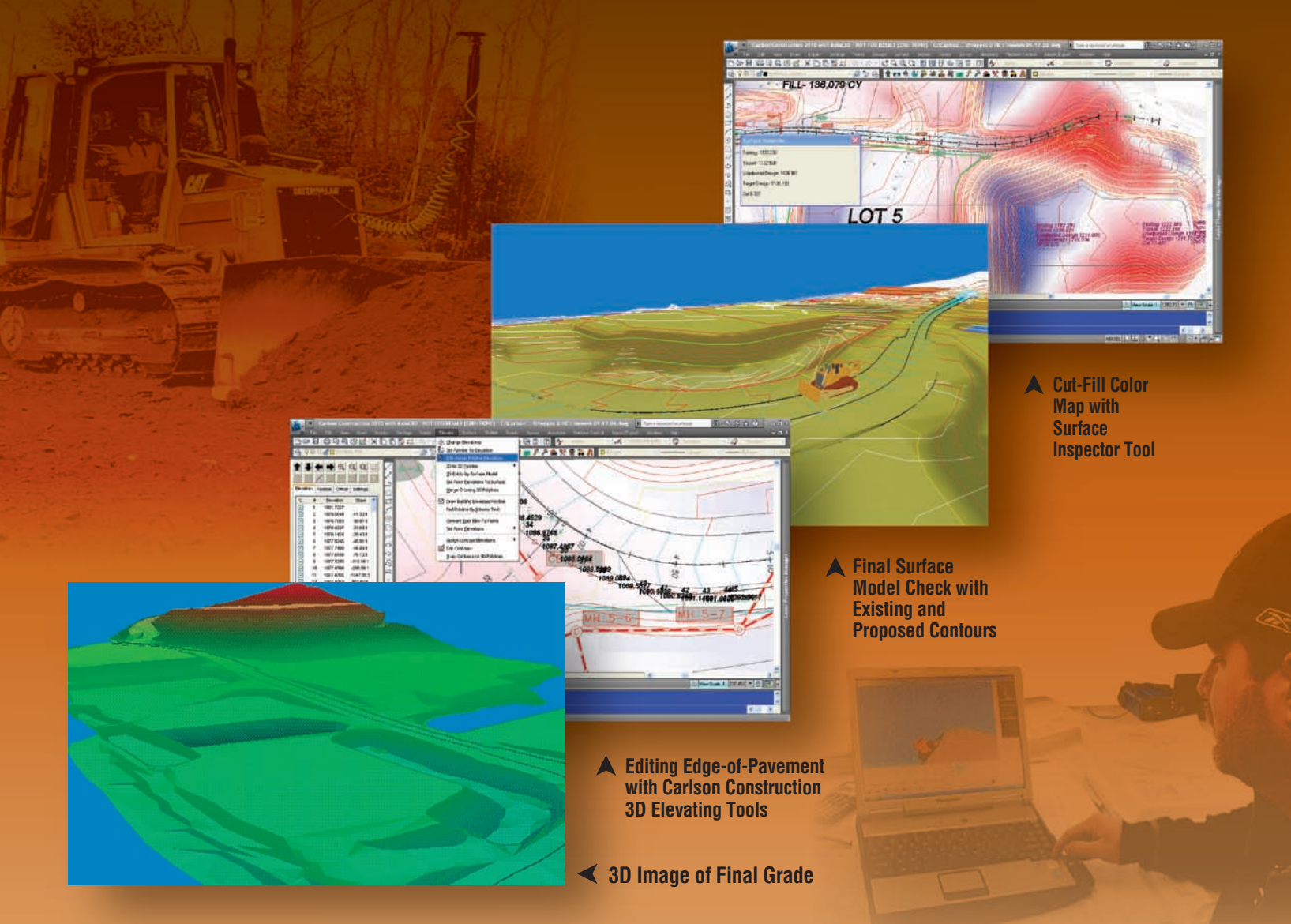


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CONSTRUCTION

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THE ANSWER FOR YOUR DATA PREP, 3D MODELING & MAPPING NEEDS



▲ Cut-Fill Color Map with Surface Inspector Tool

▲ Final Surface Model Check with Existing and Proposed Contours

▲ Editing Edge-of-Pavement with Carlson Construction 3D Elevating Tools

◀ 3D Image of Final Grade

Take your projects into the field with Carlson Construction — integrated survey and 3D surface modeling software for site & road construction

- Output Construction Staking files for Site, Roadway, and Building Columns and Offsets
- Build 3D surface models from 2D engineering plans
- Output 3D Machine Control Files for Machine Control formats including Carlson Grade, Trimble, CAT-Accugrade, Leica, and Topcon
- Data transfer and processing for Total Station and GPS equipment
- Cut/fill volume reports for before, after, and as you build the job
- As-Built Mapping with Field-to-Finish and annotation

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GET POWERFUL 3D MODELING TOOLS FOR BOTH SITE & ROAD CONSTRUCTION PROJECTS

Be "project ready" and meet the demand for data prep/3D model building with Carlson Construction – the software solution that works with CAD or PDF files for:

- Construction staking
- Machine Control Data Prep
- Cut/Fill Volumes
- As-Built Mapping



Carlson Construction makes the files you need for the field.

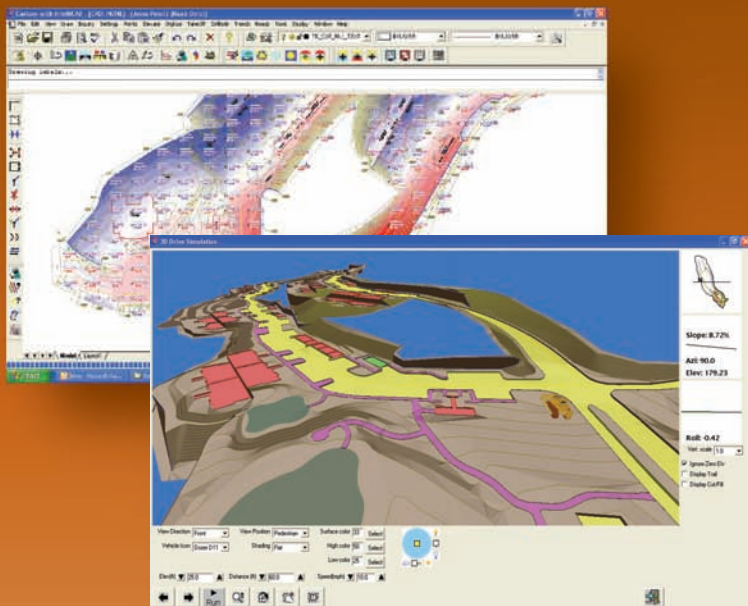
Carlson Construction can do it

Need to import and/or upload data from a field survey?

Looking to create a surface from data within a CAD drawing?

Have to move "break-lines" or "grade-lines"?

Carlson Construction can create surfaces from points and contours and can easily move lines from the "wrong" elevation and slope to the correct elevation and slope. Also, take edge-of-pavements, contours and annotation from 2D to 3D, or to re-engineer projects when necessary.



Additional Benefits of Carlson Construction

- Works with industry standard AutoCAD®, IntelliCAD® .dwg files
- imports PDF and Microstation-DGN files
- Drawing Cleanup — Takes your AutoCAD and Microstation files and fixes common "bad CAD" errors
- Powerful tools to edit the design
- 3D viewing tools and graphics so that you may validate your surface models
- Powerful road design functionality to handle centerlines, profiles, sections, templates and transitions
- Full support for all major 3D Machine Control formats for today's heavy equipment
- Import/Export "Native" Machine Control Files — Carlson Grade (.tin, .cl, .grd, .fit, .dwg, dxf, .pin, .ntr, .cgc, .crd, .loc); Topcon (.tn3, .ln3, .rd3); Trimble (.ttm); Leica
- Ability to import your drawing into Google Earth

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