

GPS For Land Development—Software to Simplify Site Work

WHAT IT IS: Satellite-controlled software that simplifies site grading, therefore dramatically reducing labor and material costs.

GPS for land development software assists excavation machines to more efficiently and accurately cut and fill grade while also reducing the potential for soil erosion. It eliminates the need for grade stakes, while letting the operator know exactly where the machine is, and its relation to the final grade.



WHY IT'S A PATH FAVORITE:

- **Flexibility:** It allows any changes to the land development plan to be implemented much quicker and easier.
- **Land Selection & Development:** Surveying, staking and grading costs are greatly reduced. GPS for land development should also result in fewer costly mistakes.
- **Production Cost & Alternative Materials:** Overall costs of site development are greatly reduced.

INITIAL COST:

GPS for land development software must be integrated into existing or new machines. This may also involve purchasing additional software and components that will need to be set up and calibrated.

OPERATIONAL COST:

While investment in the technology will present a significant up front cost, GPS for land development software significantly reduces the time spent surveying and staking, resulting in a lower overall job cost.

U.S. CODE ACCEPTANCE:

No standard regulations address the use of GPS for land development software.

INSTALLATION:

For developers, the system is an option for select Caterpillar machines.

BENEFITS FOR HOMEOWNERS:

GPS for land development software reduces construction timelines and site development costs.