Fulcrum

Geospatial clarity in horizontal construction

Construction sites shift constantly. New segments open. Safety zones move. Crews need to see where things stand — literally.

With Fulcrum, they can draw what's happening in real time and keep inspections tied to actual site layout.

Why field crews use shapes, not points

You can't sketch a drainage path or excavation zone with a pin. Points miss too much. Crews need shapes to show what's happening over distance or area.

- Use **lines** to mark pipe runs, trench paths, and utility routes
- Use **polygons** to define work zones, site boundaries, and material laydown areas
- Draw once, then reuse those shapes for inspections, photos, or measurements

Lines: map the work as it moves

Sketch alignments, trace assets, and record every foot of progress

Road construction

Mark roadway segments under construction, track surface conditions, and document temporary lane changes or signage placements as work progresses.

Drainage and culvert mapping

Trace ditch lines and culvert locations to flag erosion, sediment buildup, or required maintenance, all while visualizing flow direction.

Pipe installation segments

Draw each new segment as it's installed, linking inspection data, materials used, and tie-ins to existing infrastructure, without toggling to another system.

Polygons: define zones, manage the site

Map work areas, laydown yards, and jobsite boundaries to track activity where it happens.

Site perimeter checks

Define active construction boundaries to guide safety inspections, manage access points, and verify fencing and signage during each phase.

Staging and laydown yard management

Map designated areas for materials and equipment. Track usage, monitor access, and adjust layouts as project demands shift.

Landscaping and re-vegetation zones

Outline post-construction areas for final grading, planting, or seeding. Link inspections, progress notes, and contractor activity directly to the mapped zone.

Speed the build

With lines and polygons, crews aren't working off rough estimates or outdated maps. They're marking up real site features, seeing what's active, and capturing work exactly where it happens. That clarity moves the whole project forward, faster and with fewer surprises.

Want to see it in action? Sign up for a **free demo** today!