

Right of Way Basemaps

Right of way basemaps show existing right of way in a project area. They are a tool that designers use early in their design process. Alignments, whether based on existing as-built centerlines or record centerlines, may or may not be part of the basemap, depending on availability. Often existing centerlines need to be established through surveys, or record alignments established from existing record documents to define right of way, as much right of way is defined from centerline offsets. Typically basemaps are created before any design alignments are available.

Basemaps can show existing topographic data (curbs, fences, buildings, etc. – not contour lines) if available from surveys.

Basemaps show recovered monuments if available from surveys. Recovered monuments help in establishing existing property boundary locations and existing centerline alignments.

Basemaps do not show acquisition information. Acquisition design is a later phase.

Existing right of way is annotated. Property boundaries are shown graphically and not annotated. Property ownership is notated. Utility and access easements are shown. Ownership and easement information is preliminary as full title reports come later during the acquisition phase.

Recovered monuments, basis of bearing, and survey control information are shown on basemaps.

Cover, legend, location, and plan sheets are included with basemaps.

Basemaps are sealed and signed by the surveying professional in responsible charge for the creation of the basemap.

Right of Way Engineering

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