

Route maps/aerial photos.		Provides general applicability info and region selection guidance.	Typically contain pipeline data that facilitate ECDA
Construction practices		Construction practice differences may require separate regions.	May indicate locations where construction problems may have occurred; e.g., backfill practices influence probability of coating damage during construction
Locations of valves, clamps, supports, taps, mechanical couplings, expansion joints, cast iron components, tie-ins, insulating joints		Significant drains or changes in CP current should be considered separately; special considerations should be given to locations where dissimilar metals are connected	May impact local current flow and interpretation of results; dissimilar metals may create local corrosion cells at points of contact; coating degradation rates may be different from adjacent regions
Locations of and construction methods used at casings	May preclude use of some indirect inspection tools.	Requires separate ECDA regions	May require operator to extrapolate nearby results to inaccessible regions. Additional tools and other assessment activities may be required.
Locations of bends, including miter bends and wrinkle bends		Presence of miters and wrinkle bends may influence region selection.	Coating degradation rates may be different from adjacent regions; corrosion on miter and wrinkle bends can be localized, which affects local current flow and interpretation of results
Depth of cover	Restricts the use of some indirect inspection techniques	May require different ECDA regions for different ranges of depths of cover	May impact current flow and interpretation of results
Underwater sections; river crossings	Significantly restricts the use of many indirect inspection techniques	Requires separate ECDA regions	Changes current flow and interpretation of results
Locations of river weight and anchors		May require separate ECDA regions and reduces available indirect inspection tools	Influences current flow and interpretation of results; corrosion near weights and anchors can be localized, which affects local current flow and interpretation of results