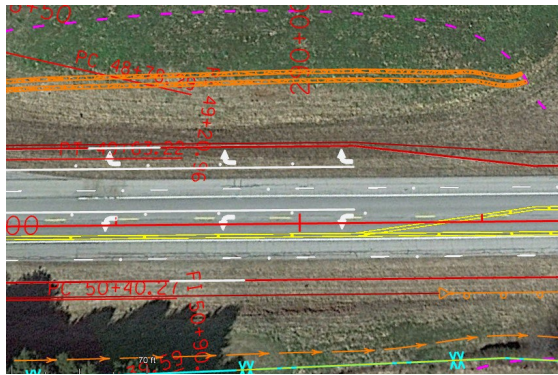# Digital Project DELIVERY

DPD offers data users more efficient and intuitive information exchange throughout a transportation asset's lifecycle.

Recent Policy Updates

Renewed emphasis on deliverables from Project Development translates to more reliable digital information, supporting Construction phase project management.

A KMZ displayed in Google Earth with existing ground aerial imagery, proposed ditch detail, pavement markings, and stationing.

✓DPD related changes to KYTC Final Plan Submittals became effective in March 2022. New requirements include zip-compressed keyhole markup language (KML) files viewable with geographic information systems (GIS) applications like Google Earth. Tablet-friendly KML files for both proposed and existing plan details support construction management tasks, without replacing contract plans.

Highway Design website specific workflow help (such as export steps for KMZ files) can be found at this link: 🔗

✓In June, Highway Design's Plan Processing staff shared a list of thirteen most overlooked submittal items in final plan transmittals. The list is on Highway Design's website and at this link: 🔗

✓DPD Subcommittees recommended more policy updates that meet KYTC's goals by stepping toward full OpenRoads Designer and DPD implementation.
- Utilities: line styles for existing and proposed utilities updated
- Construction: grayscale and color options for plans

Pilot Projects

District 3 will pilot Digital Project Delivery using a project bundle of Todd and Logan County bridge replacements fully designed by in-house staff. This brings the DPD pilot project total to nine. Project teams and DPD staff use project-specific details to choose objectives and to tailor an Implementation Plan. Project team feedback aids Cabinet-wide implementation of Digital Project Delivery and design modeling level of detail.

Digital Data Sharing and the Lifecycle of Infrastructure Assets

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3 DPD Core Staff
9 Section Offices
11 Designers

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