Project Development IT Efforts
Ongoing Software & Application Efforts in Project Development
Program Delivery Platform (PDP)

Umbrella data system over specific modules serving Program and Project Management needs:

Active Modules:
  • Continuous Highway Analysis Framework (CHAF)
  • Funding Authorization (FA)
Replacement for Oracle / Clearview

Release 1

- Replace Current Functionality
- Faster Web Interface
- Revised and Minimized Milestones
Future Releases in Development and will add additional features

Testing in September, Rollout in Fall

CO Location Training In September

District Training in October

Contact John Moore or Brad Bottoms
KY Right of Way Data System (KROWDS)

- Replacement for RWUMS
  - Automated Status Reports
  - Streamlined Processes & Forms
  - Acquisitions, Appraisals, Relo & PM
- Acquisitions Rollout Mid-2020
- KROWDS Update Session - 8am
- Contact Michael Beaven
Professional Services Portal

• Complete Overhaul Current System
  • Consultant Access, User-Friendly
  Production Hours, Faster Procurement
• Launched August 30th
• Wednesday sessions: 9am & 1:50pm
• Training – User Guidebook
• Contact David Gormley / Eric Pelfrey
OpenRoads Designer (ORD)

- Bentley Dropping Support of SS2
- OpenRoads required for NEW starts
- Wednesday Breakout Sessions:
  - What’s New with ORD – 10am, 1:50pm
  - Updates to CADD Stnds. – 9am, 1pm
- Training - KY Engineering Center
- Contact Kevin Martin
AASHTOWare Estimation is replacing Estimator

Cradle to Grave Estimates / Tracking

Testing in PS&E begins soon
KY Utilities & Rail Tracking System (KURTS)

New Features for Existing Program:
• Utility Company Accounts
  • 2019 effort resulted in 100+ accounts
• Statewide Utility Prioritization
  • Low, Medium, High, Critical Risk Level
  • Reports for Utilities and Mngmnt.
• Contact liaison or Jennifer McCleve
Continued Efforts and Thanks

Thanks to:

• Leadership
• Project Managers & Teams
• OIT
• Developmental Branch
• Technical Support Branch
CRITICAL PATH FOR PROJECT DEVELOPMENT
Identify typical KYTC highway projects and preconstruction phases.

Create several CPM templates for these typical projects and common project phases.
the TEAM

Darrin Eldridge (KYTC - Chair)
Karen Mynhier (KYTC)
Shannon Dearing (KYTC)
David Waldner (KYTC/Retired)
Dean Loy (KYTC)
Jennifer McCleve (KYTC)
Allen Rust (KYTC)
Doug Kreis (KTC - Principal)
Jeff Jasper (KTC)
Rachel Catchings (KTC)
Candice Wallace (KTC)
Robin Baskette (KTC)
Chris VanDyke (KTC)
Bryan Gibson (KTC)
MICROSOFT PROJECT GANTT CHARTS

Graphical Representation of the Highway Project Schedule (Preconstruction)

Time Scale, Work Activities, Durations, and Internal Activity Relationships
PROJECT CONTEXTS

• Rural Federal Bridge Replacement CE I
• Urban Federal Bridge Replacement with Railroad CE I
• 4 Mile Rural Road Widening into Urban Intersection EA FONSI
PROJECT CRITICAL WORK

• Archaeology (Phase I, II, III)
• Asbestos
• ROW Parcel Condemnation
Process Map: Rural Federal Bridge Replacement CE 1
PRELIMINARY LINE AND GRADE

After SMEs have studied the project’s range of alternatives, the PDT should meet to select a preferred alternative. An assessment of the social, economic, and environmental impacts of a proposed action or project informs the PDT’s deliberations and helps members identify their preferred alternative.
<table>
<thead>
<tr>
<th>Task Mode</th>
<th>Task Name</th>
<th>Duration</th>
<th>Start</th>
<th>Finish</th>
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<td>Design Executive Summary Approval</td>
<td>30 days</td>
<td>Wed 10/11/17</td>
<td>Thu 11/9/17</td>
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<td>Fri 11/10/17</td>
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<td>Sat 3/24/18</td>
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Gannt Charts via Microsoft Project Files
Microsoft Project files (Gantt Charts) and Project Flow Maps are available online. Go to:

ktc.uky.edu/ismyprojectonschedule/

or

Email: jeff.jasper@uky.edu