



Kentucky Transportation Cabinet



# Project Development

- 150 Local Public Agency Projects w/ KYTC oversight
- 16 Projects in Planning Phase
  - KY44 Turn Lanes at Bullitt East High School
  - 65-71 Regional Connector
- 85 Projects in Design Phase
  - Interstate Widening - Turn Lanes - Rural Highway Safety Projects
- 20 Projects in Utility Phase
- 2021 Construction
  - I-Move KY
  - KY 53 (Shelby County)
  - Blue Lick Rd KY 1450 (Jefferson County)
  - KY 146 at N. English Station Rd

# Utility Phase Coordination

- Proactive utility coordination early in the project aims to avoid utility facilities by providing the design team with information, and subject matter expertise to avoid potential utility impacts. If those impacts are unavoidable, staff will work to relocate utility facilities within a project. The process emphasizes communication among those whose work impacts utility coordination in transportation projects including communication between the Department & utility owners to accurately identify and resolve issues with facilities that are affected by transportation projects.
  - Utility Conflict Matrixes
  - KYTC acquired Utility Easements

Subsurface Utility Engineering

# Utility Phase Projects

- (2) KY 480 Widening & I-65 Interchange Projects
- KY 22 at Springcrest Dr
- KY 864 Beulah Church Rd (Jefferson County)
- US 42 Watterson Interchange
- Allen Lane Rail Underpass (Oldham County)
- Old Henry Rd Extension to Ash Ave (Jefferson/Oldham Counties)
- KY 146 near Pendleton (Henry County)

# Construction Coordination

- Pre-Construction Utility Coordination
- In-Construction Utility Coordination
- Contractor Coordination
- Project Delays - Liquidated Damages

# Encroachment Permits

- An approved Encroachment Permit is required prior to any work within KYTC ROW
  - Application for Encroachment Permit (TC 99-1A form)
    - Updated form requires signature from utility owner
  - Plan sheets
  - Aerial exhibit
  - Additional forms for roadway crossings
- Forms Library:  
<https://transportation.ky.gov/Permits/Pages/Application-Forms.aspx>

# Fully Controlled Access Highways

- 3 levels of approval:
  - KYTC District Office -> KYTC Central Office -> FHWA
- All plans must be signed and stamped by PE licensed in KY
  - Traffic control plans signed by certified WZTC Supervisor
- Longitudinal installations rarely permitted in interstate ROW
  - Engineering study required
- Bored Crossings
  - 60" minimum depth under roadways, ramps, and ditchlines for gas lines
  - 42" minimum depth for all other utilities
  - Encasement must extend beyond ROW limits
    - Exceptions for gas lines or utility lines encased in conduit

# Fully Controlled Access Highways

- Aerial Crossings
  - Existing Crossings - maintenance or upgrades may be permitted provided the installation meets National Electric Safety Code (NESC) Grade “B” heavy loading standards
  - New Crossings - preferred method of installation is underground
    - Engineering study required
    - Support structures must be placed outside of ROW limits
      - Exceptions must be approved by State Highway Engineer & FHWA
    - 24 FEET minimum vertical clearance
    - Rolling Roadblock required for new line installation
- KYTC Permits Manual: <https://transportation.ky.gov/Organizational-Resources/Policy%20Manuals%20Library/Permits.pdf>