

# Mountain Parkway Project

Aric Skaggs, KYTC  
Mark Askin, Strand Associates, Inc.®

**2024**  
**PARTNERING**  
**CONFERENCE**  
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TEAM   
**KENTUCKY**®  
TRANSPORTATION  
CABINET



# Project History

- The creation of the Mountain Parkway was a significant milestone for Kentucky's transportation system
- It opened in 1963 as one of the state's first toll roads, which created high-speed routes beyond the interstate highway system that was being expanded during that era
- The Mountain Parkway provided a modern connection for commerce and travel between rural areas of Eastern Kentucky and more populous areas in Central Kentucky and beyond



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# Project Overview

- In January 2014, Gov. Steve Beshear announced plan to fulfill the original promise of making the entire parkway four lanes
- Length: 45-mile expansion
  - 32 miles of existing parkway widened to four lanes (Campton to Salyersville)
  - 13 miles of additional parkway constructed/expanded to four lanes (Salyersville to Prestonsburg)



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# Project Overview, Continued

- **45 miles > 6 segments**
  - Wolfe County
  - Morgan County
  - Magoffin County West
  - Magoffin County Central
  - Salyersville Restaurant Row
  - Magoffin-Floyd
- **Current status:**
  - 70% of project is completed or under construction
  - 30% of project is under development



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MORGAN COUNTY

JOHNSON COUNTY

CONSTRUCTION UNDERWAY

CONSTRUCTION UNDERWAY

UNDER DEVELOPMENT

CAMPTON

CONSTRUCTION COMPLETE

CONSTRUCTION COMPLETE

FLOYD COUNTY

BREATHITT COUNTY

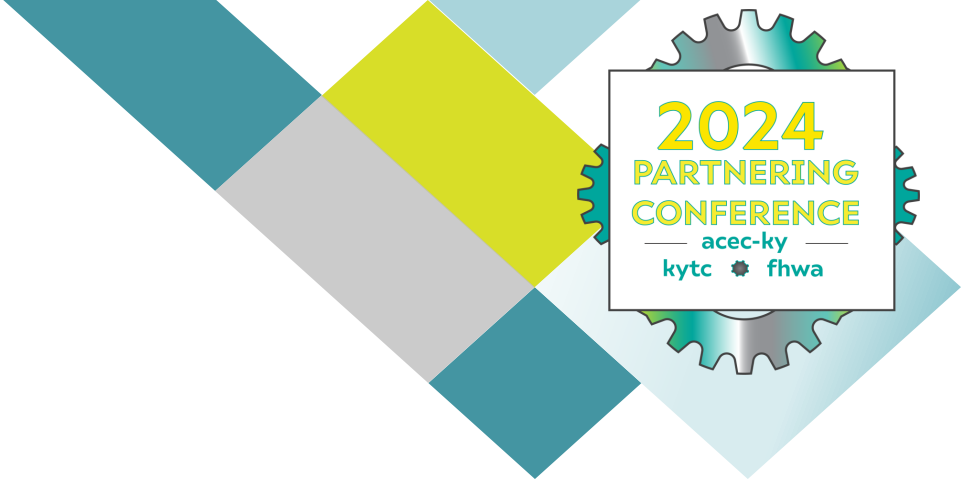
MAGOFFIN COUNTY

# CORRIDOR SEGMENTS

- PREVIOUSLY WIDENED
- WOLFE COUNTY
- MORGAN COUNTY
- MAGOFFIN WEST
- MAGOFFIN CENTRAL
- SALYERSVILLE
- MAGOFFIN EAST
- FLOYD COUNTY



**KYTC**  
Aric Skaggs, PM  
Division of Right of Way, Utilities & Rails  
Dean Loy, Director  
Kelly Devine, Asst Director  
Charles Hale, Asst Director



**Mountain Parkway**  
**GEC**  
QK4

**Design Oversight**  
HMB



**Right of Way**  
Strand  
Associates, Inc.®



**Environmental**  
QK4

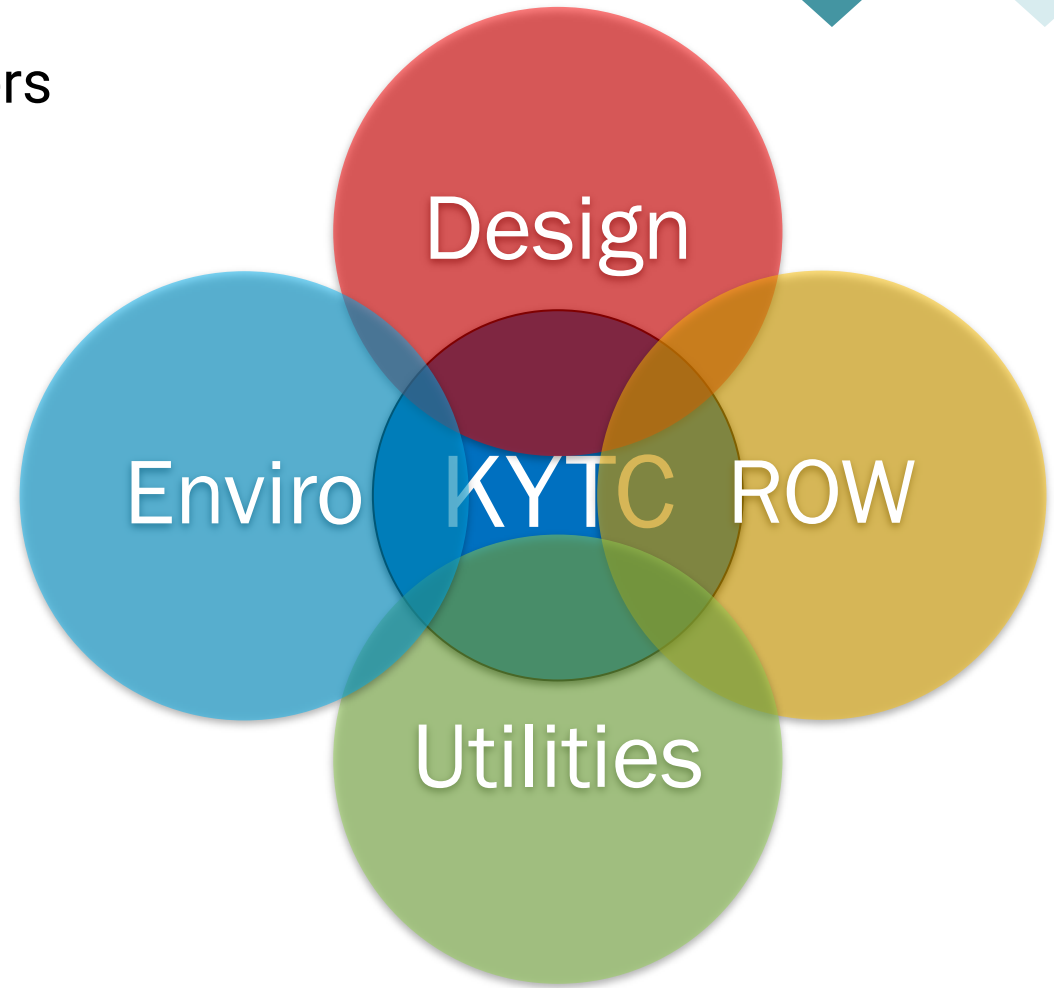


**Utilities**  
Stantec



# Mountain Parkway Project

- Communication, Communication, Communication
- Bi-monthly Meetings
- Value Engineering with Key Decision Makers
- Collaboration with Discipline Leads





# Mountain Parkway Corridor

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Common issues encountered on projects:

- Topography
- Drainage
- Utility relocation in dense commercial area
- Cemetery relocations
- Titles: Unknown heirs and multiple owners
- Mineral rights
- Public and private gas wells
- High number of relocations
- Commercial properties
- Landlocked remainders





# Wolfe County Segment

## 10-168.00

- This segment runs from the end of the four-lane section on the Mountain Parkway near Campton to just west of the Lee City/West Liberty interchange (Exit 57). It covers 11 miles of existing roadway, from mile points 45.8 – 56.8.
- In June 2020, the Mountain Parkway Expansion was awarded a competitive \$55 million federal Infrastructure for Rebuilding America (INFRA) grant.
- A \$97.1 million construction contract was awarded in spring 2022, six months ahead of schedule. The project broke ground in August 2022.



# Wolfe County Segment

## 10-168.00

- Total of 43 parcels
  - 36 acquired / 7 condemnations
- 6 relocations
  - 3 Replacement Housing Payment (RHP) / 2 miscellaneous move / 1 sign
- Cemetery relocation
- Utility impacts from large cut and fill sections
  - Access control fence moved inside of right of way to create area for utility relocations







# Wolfe County Segment 10-168.00



# Morgan County Segment



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## 10-126.7

- Total of 21 parcels
  - 16 acquired / 5 condemnations
- 7 relocations
  - 4 RHPs / 2 miscellaneous moves
- Design and utility collaboration saved \$750,000
  - KY 205 ramp modified to avoid impacts to Mtn Rural Telephone Facility

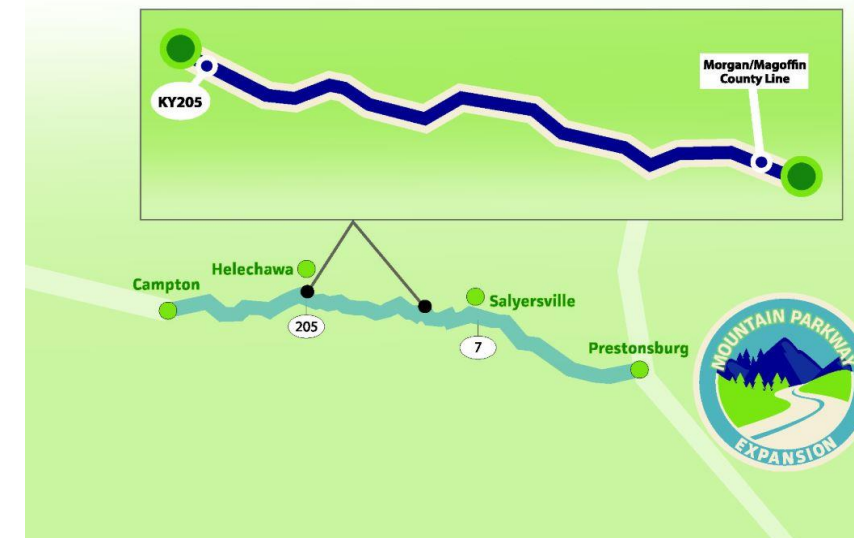
## 10-126.6

- Total of 10 parcels
  - 9 acquired / 5 condemnations
- 1 relocation – miscellaneous move
- Cemetery relocation
- Design and ROW Collaboration - Acquired nearby waste site to reduce construction costs

## 10-126.5

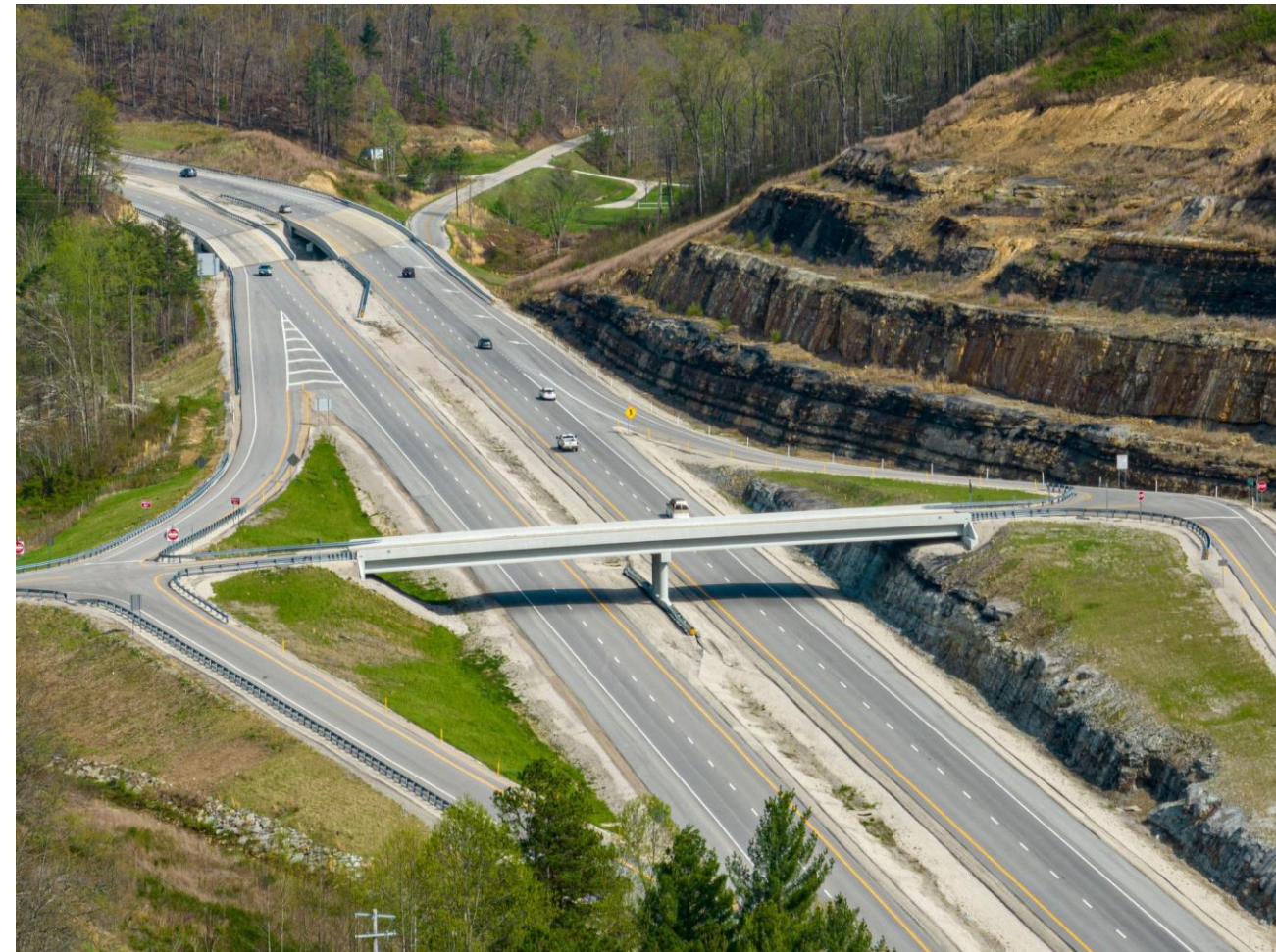
- Total of 15 parcels
  - 13 acquired / 2 condemnations
- 4 relocations
  - 2 RHP / 2 miscellaneous move

MORGAN COUNTY SEGMENT



# Morgan County Segment 10-126.7 / 10-126.6 / 10-126.5

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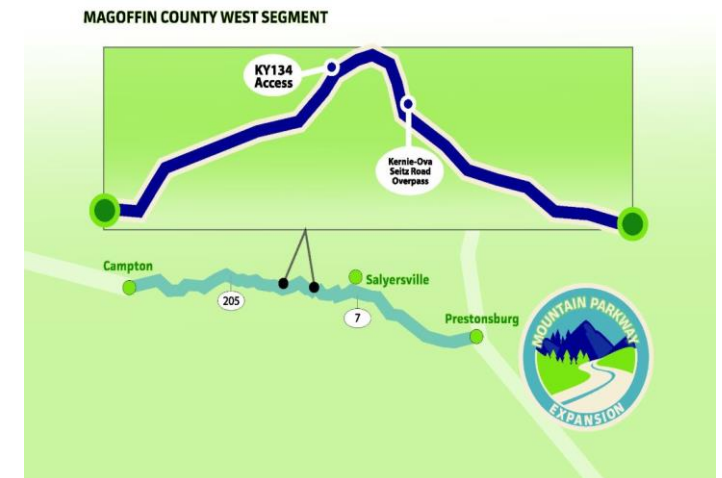
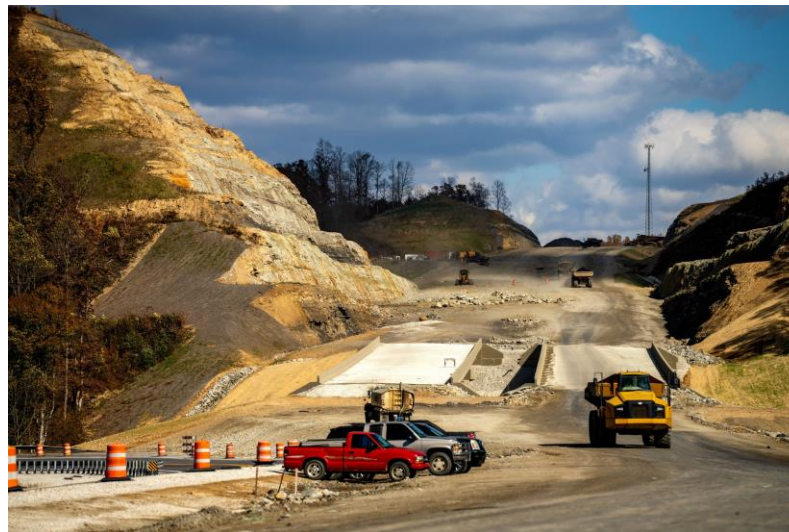




# Magoffin West Segment 10-126.4

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- Total of 33 parcels
  - 29 acquired
  - 4 condemnations
- 2 relocations – 2 miscellaneous moves
- Utility and right of way collaboration
  - Multiple public and private gas companies





# Mountain Parkway Project

## Magoffin West, 10-126.40





# Magoffin Central Segment 10-167, 10-126.12, 10-140

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## 10-167

- Total of 13 parcels
  - 12 acquired / 1 condemnation
- 2 relocations
  - 2 RHPs
- Excess material site now home to Magoffin County Industrial Park

## 10-126.12

- Total of 10 parcels
  - 7 acquired / 3 condemnations
- No relocations
- Utilities encountered multiple gas companies and private gas companies

## 10-140

- Total of 19 parcels
  - 6 acquired / 13 condemnations
- 2 relocations
  - 1 RHP / 1 Business



# Magoffin Central Segment 10-167, 10-126.12, 10-140

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# Restaurant Row Segment 10-166



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- This segment was awarded a competitive **\$24 million federal Transportation Investment Generating Economic Recovery (TIGER) grant** that expedited the project, allowing construction to begin two years ahead of schedule
- Restaurant Row Tiger Grant funding requirements compressed schedule
- This segment was the second section of the parkway to be completed



# Restaurant Row Segment

## 10-166



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- Total of 96 parcels
  - 72 acquired / 24 condemnations
  - Multiple condemnations still proceeding in court with trial dates
- 54 relocations
  - 10 RHPs / 20 businesses / 1 non-profit / 12 signs / 9 miscellaneous moves
- 2 cemetery relocations
- Designers, appraisers, and agents proactively developed plans to reduce property impacts/damages
  - Limit construction time on TE
  - Shift ROW lines to reduce damages
- Geotech, design, and construction – Quickly established area needed for soil nail installation after road to start acquisition on new parcel
- Mainline access modified to connector roads: required changes to entrances and internal traffic circulation
- Utility relocations: \$3M of work in utility agreements with 7 companies and 22 utility easements, coordinating relocations, and inspecting utility construction



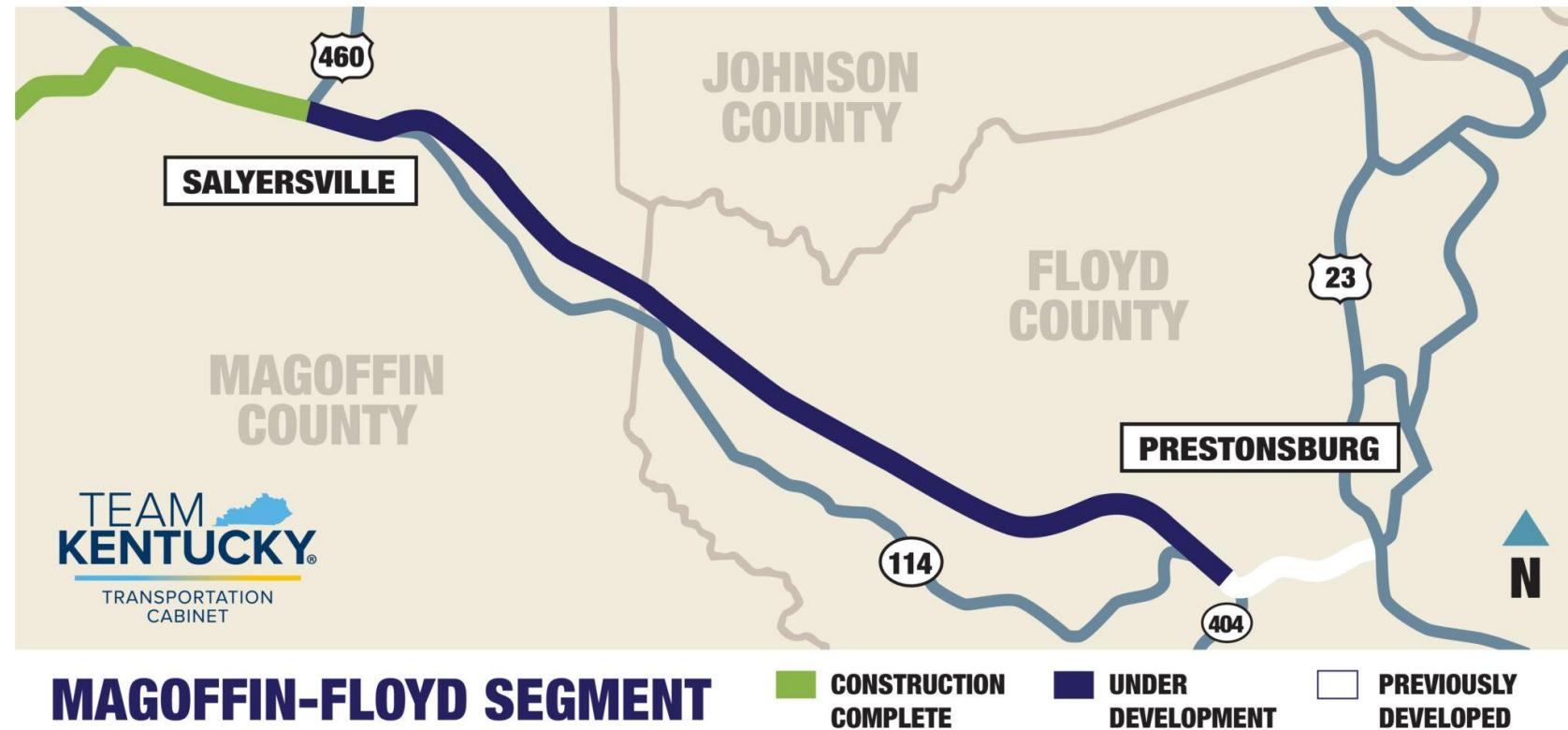
# Restaurant Row Segment 10-166





# Under Development: Magoffin-Floyd Segment

- The purpose of the last segment is to extend the parkway from US 460 in Salyersville to near the KY 114/KY 404 intersection in Floyd County
- This will be along the preferred cross-country alignment as a four-lane, controlled access parkway
- The Magoffin-Floyd segment is the first segment of the project using the design-build approach





# Contractors Announced in 2023

- Bizzack was selected as the lead design-build contractor for the final section of the Mountain Parkway Expansion
- **Bizzack assembled an experienced contractor team including:**
  - Palmer Engineering of Winchester, which will be the prime designer
  - Haydon Bridge Company of Springfield
  - Bush & Burchett Incorporated of Prestonsburg
  - S&ME Incorporated of Lexington
  - Civil Design Incorporated of Louisville



# What is Progressive Design-Build (PDB)?



- Recognizing the **scale** and **cost** associated with this enormous project, KYTC has chosen to facilitate project advancement through the innovative Progressive Design Build (PDB) procurement process for the Magoffin-Floyd segment
- Progressive” or stepped approach is an Alternative Delivery procurement and contracting methodology where the owner (KYTC) selects a design-build team based on merit qualifications, not price
- Uses a qualifications-based or best-value selection before substantial design is completed
- The owner-builder team then progresses toward an agreed-upon design and construction price (thus the term “progressive”)
- PDB provides the freedom to openly discuss, vet, and evaluate design options that facilitate innovation.
- Defer price, construction schedule, and performance commitments until after design has been sufficiently defined



# Benefits of PDB



- Streamlined Procurement
- Single point of responsibility
- Owner input
- Transparency
- Collaboration
- Opportunity for early work packages
- 'Off-ramp' for owner
- Construction input throughout design/development phase
- Value Engineering Throughout

# Magoffin-Floyd Segment



## 10-169 - Magoffin

- Total of 68 parcels
  - 22 acquired / 11 condemnations
- Quiet Title Approach: Used in 10 suits to clear title to land when title is unclear and potential owners are in agreement
- 37 relocations
  - 16 RHP / 5 business relocations / 16 miscellaneous moves
- 1 cemetery relocation
- 40 gas wells acquired
- Mineral rights - 2 owners



# Magoffin-Floyd Segment



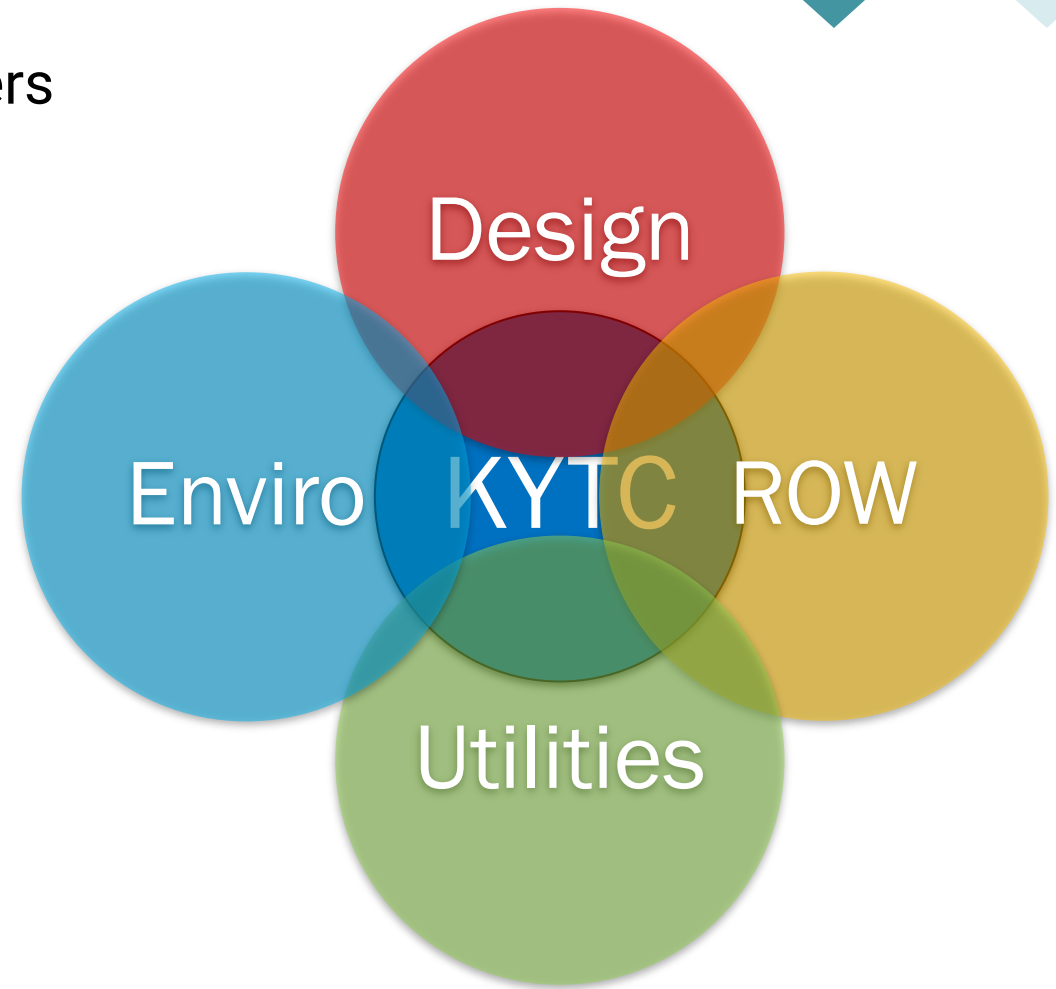
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## 12-1.02 - Floyd

- Total of 52 parcels
- 22 relocations
  - 8 RHPs / 14 miscellaneous moves;
- Acquisition of mineral rights and gas wells
- Potential unknown heirs on multiple parcels
- 2 cemetery relocations;

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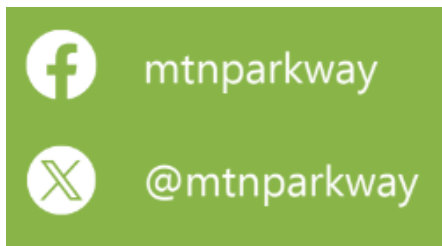
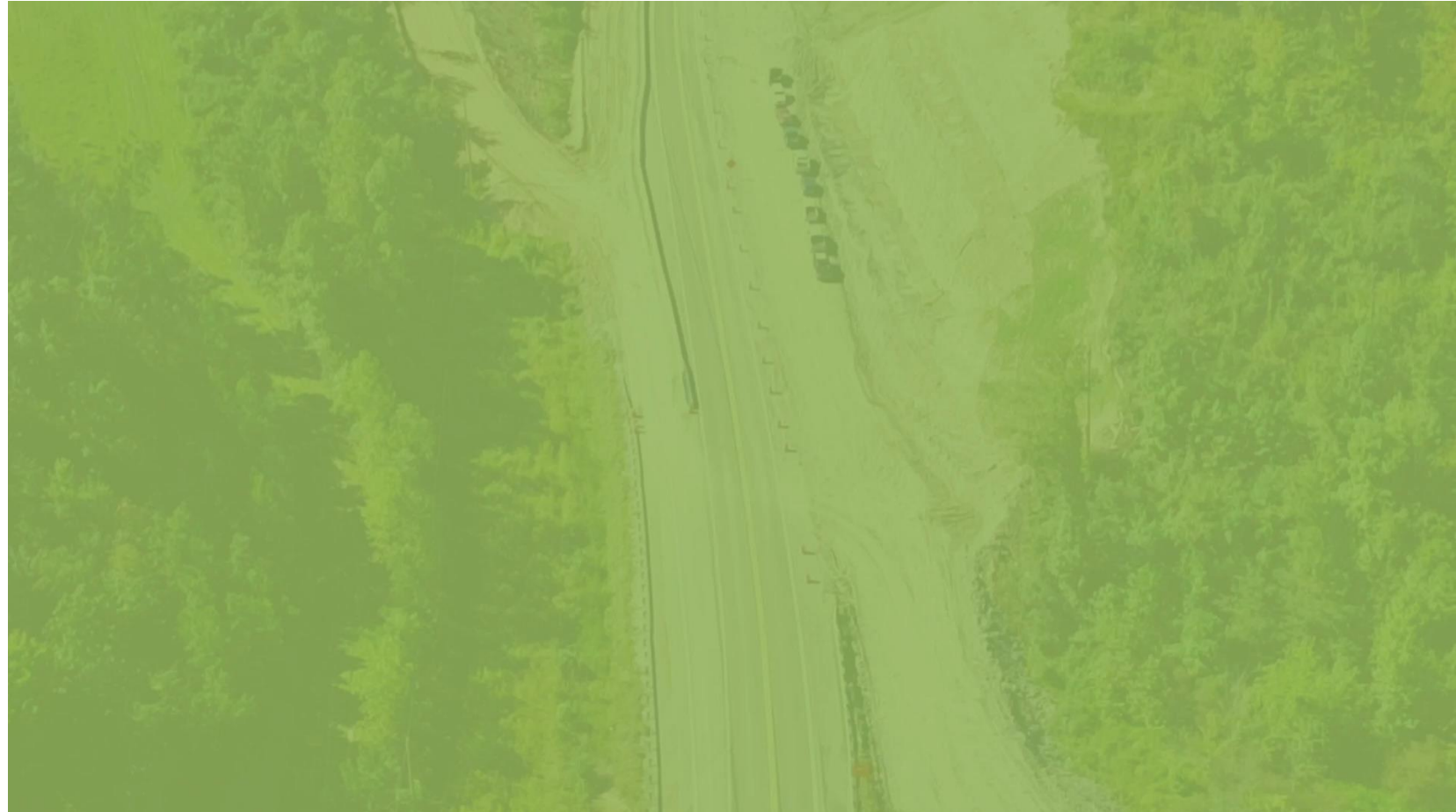


# Connect With Us!

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**Mountain Parkway Project 8:00am**