ITEM 1-1138.00: KY 1241 BRIDGE IN GRAVES COUNTY

District 1
Project Development Team
Scour & remaining debris from the 2009 Ice Storm intensified by sustained flooding caused the KY 1241 bridge in Graves County to washout and fail on June 26, 2011.

Due to a FEMA disaster declaration on May 4, 2011, federal disaster funds were made available.

On June 28, 2011, KYTC accepted the task to replace the structure. This included demolition, roadway & structure design with state forces.
Pre-Washout
Post – Washout
This project was a great example of District & Central Office personnel focusing on a common goal to complete the removal, environmental clearance, roadway & structure design in very short order to reconnect a community to a vital artery.

- Demolition – District Personnel with Master Agreements

- Environmental Clearance – District Environmental Coordinator & Division of Environmental Analysis

- Structure Design – Division of Structural Design

- Roadway Design – District One Design Section
Demolition & Construction
THE WOODLAND PARK BRIDGE

District 10
Project Development Team
Pre – Construction

[Images of bridges and surrounding areas]
SHPO Requirements
SHPO Inclusion with Community Integrity
PARTIAL BRIDGE COLLAPSE ON JANUARY 30, 2011
**Project Development Steps**

**FEBRUARY**

- Preliminary Estimates
- Begin Survey Work
- Coordinate with DEA

**March**

- No Effect Letter from DEA
- Design Funds Approved-FD39
- Field Survey Completed

**April**

- Project Team Meeting
- Decisions: 2-Lane Bridge, No On-Site Diversion
April (Structures)
- Requested Drilling
- Decided to use In-house Drilling Forces
- Drilling Completed

April (Right of Way)
- Provided Project Estimate
- Requested R/W Funding
- Began meetings with Property Owners

April (Utilities)
- On-Site Utility meeting
- Decision to use Design Funds for Utility Process
- Requested Utility Funding
May
- R/W, Utilities, and Construction Funding Approved
- Geotech Report Completed
- Check Plans Submitted, Reviewed, and Returned

June
- R/W Revision (same day turnaround)
- R/W Cleared
- Nationwide Permit Approved

June (continued)
- Structure Plans Complete
- Roadway Plans Complete
- Utilities Clear
NOTICE

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

NATIONWIDE PERMIT AUTHORIZATION

PROJECT: Knott County (KY-160) Item No. 12-4096.00 Replace Bridge over Balls Fork at Vest

The Section 404 activities for this project have been previously permitted under the authority of the Department of the Army Nationwide Permit No. 14 “Linear Transportation Projects”. In order for this authorization to be valid, the attached conditions must be followed. The contractor shall post a copy of this Nationwide Permit in a conspicuous location at the project site for the duration of construction and comply with the general conditions as required.

To more readily expedite construction, the contractor may elect to alter the design or perform the work in a manner different from what was originally proposed and specified. Prior to commencing such alternative work, the contractor shall obtain written permission from the Division of Construction and the Corps of Engineers. A copy of any request to the Corps of Engineers to alter this proposal and subsequent responses shall be forwarded to the Division of Environmental Analysis, DA Permit Coordinator, for office records and for informational purposes.
NOTICE TO CONTRACTORS
JULY 1, 2011

LETTING DAY
JULY 15, 2011
Project Complete
November 3, 2011
District 3 Bowling Green
Edmonson County
Item No. 3-117.00
Existing two-lane KY 101 with no shoulders
Birds Eye View of Project
KY 100 CONNECTOR
1st SECTION OF
RUSSELLVILLE
SOUTHERN BY-PASS

District 3 Bowling Green
Logan County
Item No. 3-148.00
US 68/80 Intersection with Northern Russellville By-Pass Before New Roadway Construction
NEW INTERSECTION
INTERSECTION with US68/80 and Northern Russellville By-Pass

BEFORE

AFTER
Positive Off-Set Left Turn Lane
Aerial View of Project

BEFORE

AFTER
Just Prior to the Green Flag
Problem Identification

I-71 Normal Day

I-71 Race Day

KY 35 Pedestrian Issues
Project Obstacles/Opportunities:

Accelerated Schedule

• **Conceptual Design:** August 15 – 28
  • Archived Plans in METRIC
  • Strategic Surveying
  • Rendering in Microstation

• **Final Design:** September 9 – October 31
  • Plan Changes/Updates

• **Mandatory Pre-Bid:** November 9
  • Advertised: October 31

• **Project Documents Advertised:** November 7
  • Letting Date: November 18
Conceptual Design
Project Obstacles/Opportunities

Stakeholder Involvement

• **Kentucky Speedway**
  • Coordination

• **Utilities**
  • Avoidance
  • Cooperation

• **Right of Way**
  • Use Existing
  • Consent Release

• **Central Office**
  • Accelerated Review/Processing
Improved Super elevation
Dry Stone Wall Construction
Improved Sight Distance
Roadway Elevated Above Flooding
ITEM 8-909.00
KY 80/KY 461
INTERSECTION
PULASKI COUNTY

District 8
Project Development Team
Before Improvements
Offset Left Turning Lanes
Merge Lane of KY 461 to KY 80
Overview Looking West on KY 80

08/17/2012
Reconfigured Intersection
And the winner of the 2012 Project Excellence Awards Is ???
District 6 for The Kentucky Speedway Project

Congratulations!