

Informational Public Open House Meeting

**Blue Creek Twin Arch Bridge
Kanawha County, WV**



**West Virginia Department of Transportation
Division of Highways**

**State Project S320-52-3.63
Federal Project STP-0052(249)D**



**Bridge Elementary School
5120 Elk River Road North,
Elkview WV**

Monday, April 27, 2015
4:00pm to 7:00pm
Blue Creek Twin Arch Replacement Project
STATE PROJECT S320-52-3.63
FEDERAL PROJECT STP-0052(249)D

OPEN HOUSE MEETING PURPOSE

The purpose of this Informational Public Open House Meeting is to provide information on the proposed Blue Creek Twin Arch Replacement Project, and how you can provide your comments. The open house meeting is intended to be informal to maximize the interaction between the citizens and project team. This Open House Meeting complies with the public involvement requirements of the National Environmental Policy Act (NEPA) and Section 106 of the National Historic Preservation Act.

We encourage you to examine the project maps and displays, discuss the project with the members of our project team who are here today, and complete the enclosed comment sheet.

OPEN HOUSE MEETING FORMAT

The WVDOH procedures for public open house meetings are established to ensure meaningful citizen input in the development for proposed projects, in compliance with all applicable regulations and requirements. This informational open house meeting is from 4:00pm to 7:00pm and there will be **NO FORMAL PRESENTATION**.

Registration

If you have not already printed your name and address on the registration sheet, please remember to do so before you leave. Additional copies of this handout and the comment sheet are available at the registration table. The WVDOH welcomes your comments on the project; therefore, please feel free to write comments as you visit other displays around the room. You can drop the completed sheet in the Comment Box; return it to any WVDOH representative at the meeting, or mail it to the WVDOH at the address below or on the WVDOH Website at <http://go.wv.gov/dotcomment>, under Engineering Projects/ Blue Creek Twin Arch Bridge.

Environmental Studies

Representatives from the WVDOH are here today to discuss the environmental study process. Maps depicting the proposed project location are available for viewing.

Engineering

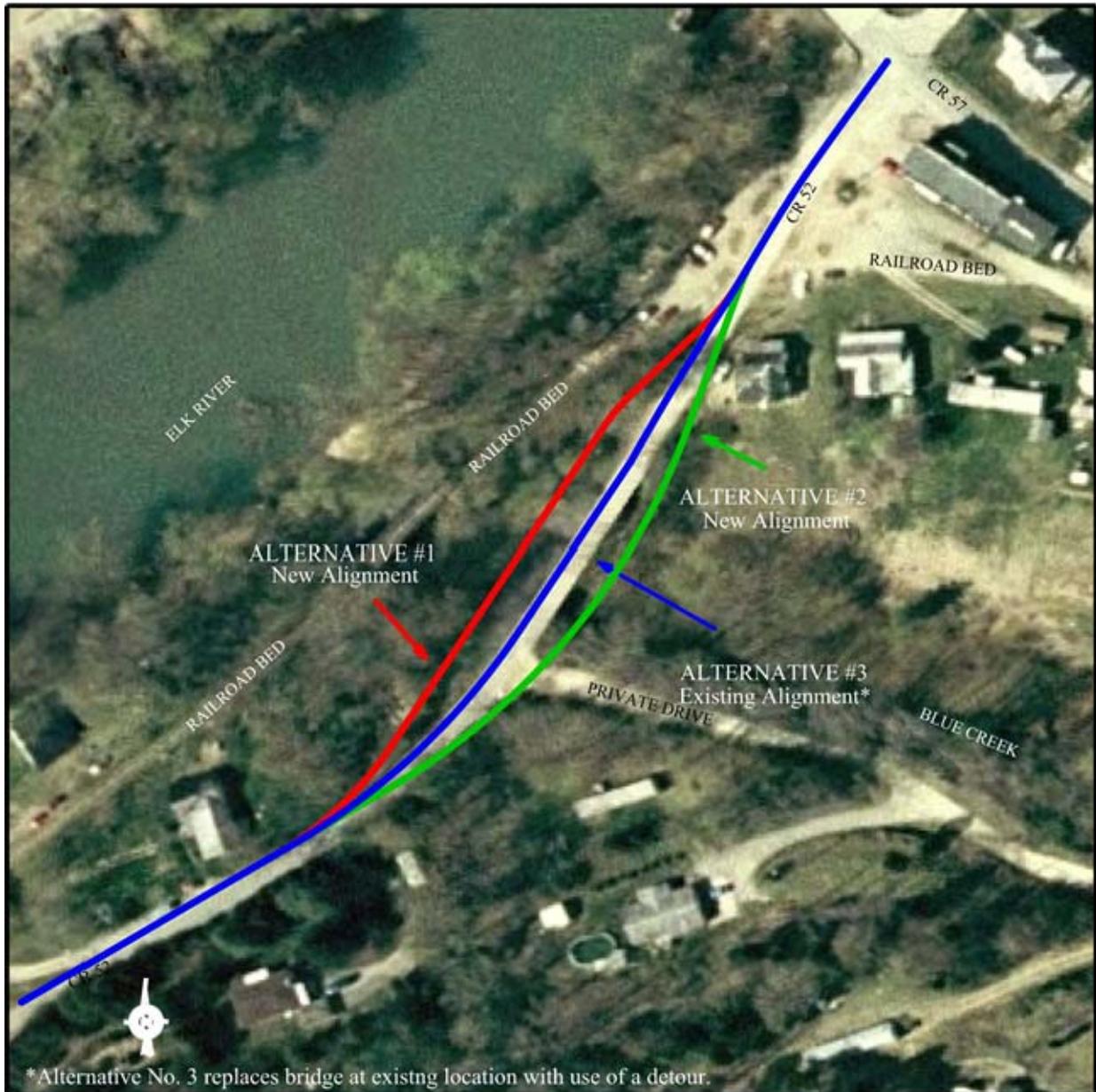
Representatives from the WVDOH are available to discuss the location and preliminary design of the project area and also have information regarding the project study area.

Right-of-Way

WVDOH Right-of-Way representatives are available to answer your questions regarding any right-of-way acquisitions.

PROJECT DESCRIPTION

The bridge is on a section of roadway that carries Kanawha County Route (CR) 52 over Blue Creek, and is located approximately 0.07 mile south of County Route (CR) 57. CR 52 is functionally classified as an Urban Local Roadway with a posted speed limit of 25 mph. Traffic consists of all types of vehicles, including school buses and mail carriers. Current traffic data obtained on this route indicates the 2014 Average Daily Traffic (ADT) to be 630 Vehicles per Day (VPD) with a 20-year (2034) projected design ADT of 800 VPD.

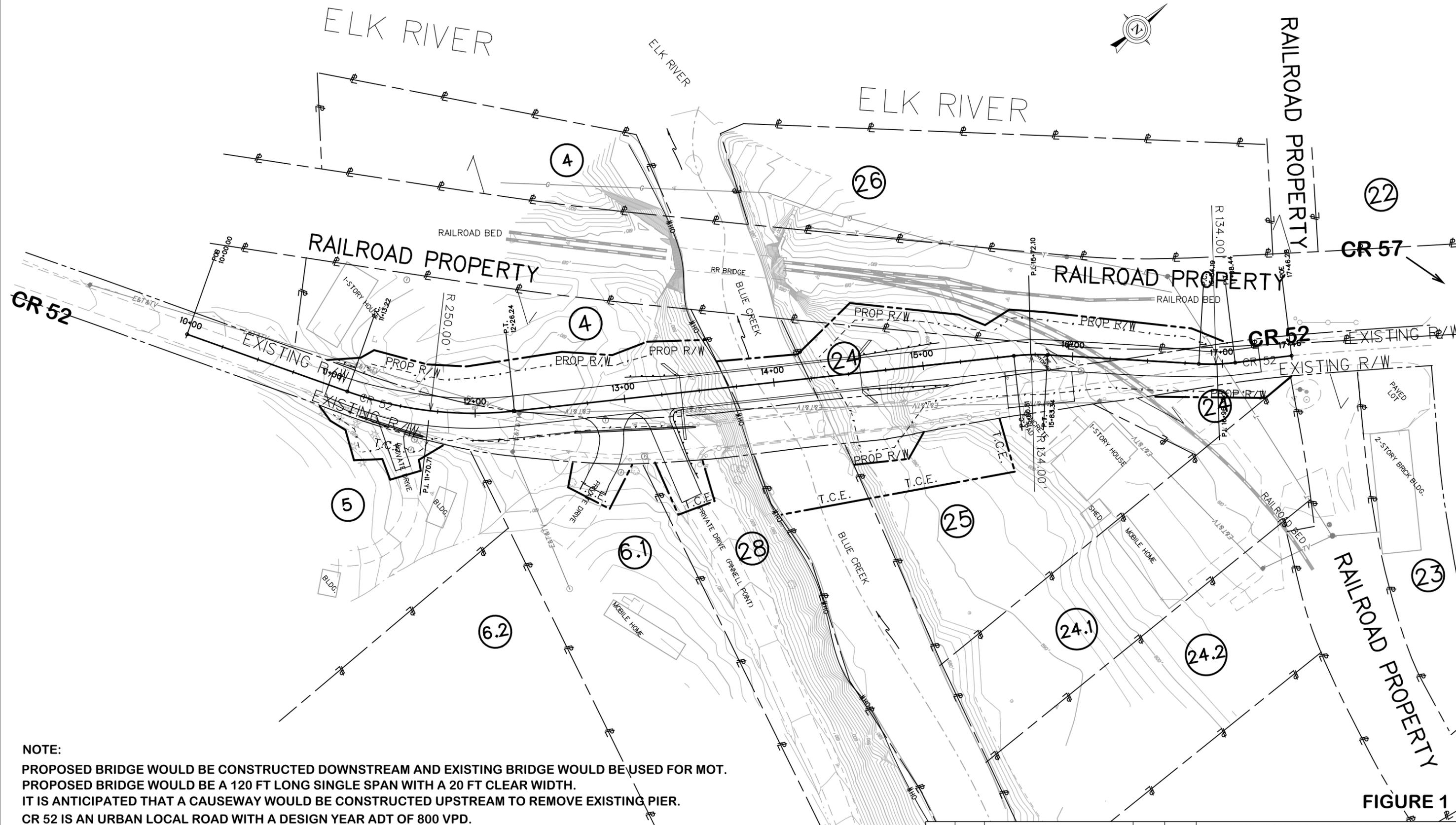


Five alternatives and a no-build option are being considered. Alternative #3 is the preferred alternative. See plan sheets and matrix for project details.

- **Alternative #1** consists of placing the new two lane bridge downstream of the current location while maintaining traffic on the existing bridge. Three private driveways will need to have access maintained during construction and will need to be reconstructed to access the new approaches. **Total cost for alternate 1 is \$2,022,000.**

- **Alternative #2** consists of placing the new two lane bridge up stream of the current location while maintaining traffic on the existing bridge. One residence on the north of the bridge will need to be acquired and two private driveways south of the bridge will need to have access maintained during construction. **Total project cost for alternate 2 is \$2,305,000.**
- **Alternative #3 (Preferred Alternative)** consists of placing the new two lane bridge at its current location while maintaining traffic on the existing highway network. This detour utilizes CR 52, CR 47, US 119, and CR 57 to maintain access during construction. The route is approximately 7.4 miles long with an average driving time of 16 minutes and no improvements to the detour route is anticipated. This route is shown on the detour map. One private driveway at the south end of the bridge will need to have access maintained during construction. The road closure is anticipated to be approximately 3 months. **Total project cost is \$1,687,000.**
- **Alternative #4** is renovation of the existing bridge. Due to the condition of the bridge and the complexity of the necessary repairs it is not feasible to rehab the bridge to a condition that will eliminate the current bridge posting. A limited rehab is possible however this repair will only postpone replacement by a few years. The cost of this work is still being evaluated.
- **No-Build Option** Due to the deteriorating condition of the existing structure, the No-Build Alternative will eventually result in the permanent closure of the bridge to traffic. A 7.4 mile detour does exist as described in Alternative No. 3. Due to the length of a potential permanent detour the No-Build Alternative is not a viable permanent alternative.

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
CR	01	S220-52-3.63			KANAWHA		



NOTE:
 PROPOSED BRIDGE WOULD BE CONSTRUCTED DOWNSTREAM AND EXISTING BRIDGE WOULD BE USED FOR MOT.
 PROPOSED BRIDGE WOULD BE A 120 FT LONG SINGLE SPAN WITH A 20 FT CLEAR WIDTH.
 IT IS ANTICIPATED THAT A CAUSEWAY WOULD BE CONSTRUCTED UPSTREAM TO REMOVE EXISTING PIER.
 CR 52 IS AN URBAN LOCAL ROAD WITH A DESIGN YEAR ADT OF 800 VPD.
 PROPOSED TRAVELED WAY WOULD BE 20 FT WIDE HOT MIX ASPHALT.
 PROPERTY LINES ARE BASED ON AVAILABLE TAX MAP INFORMATION.

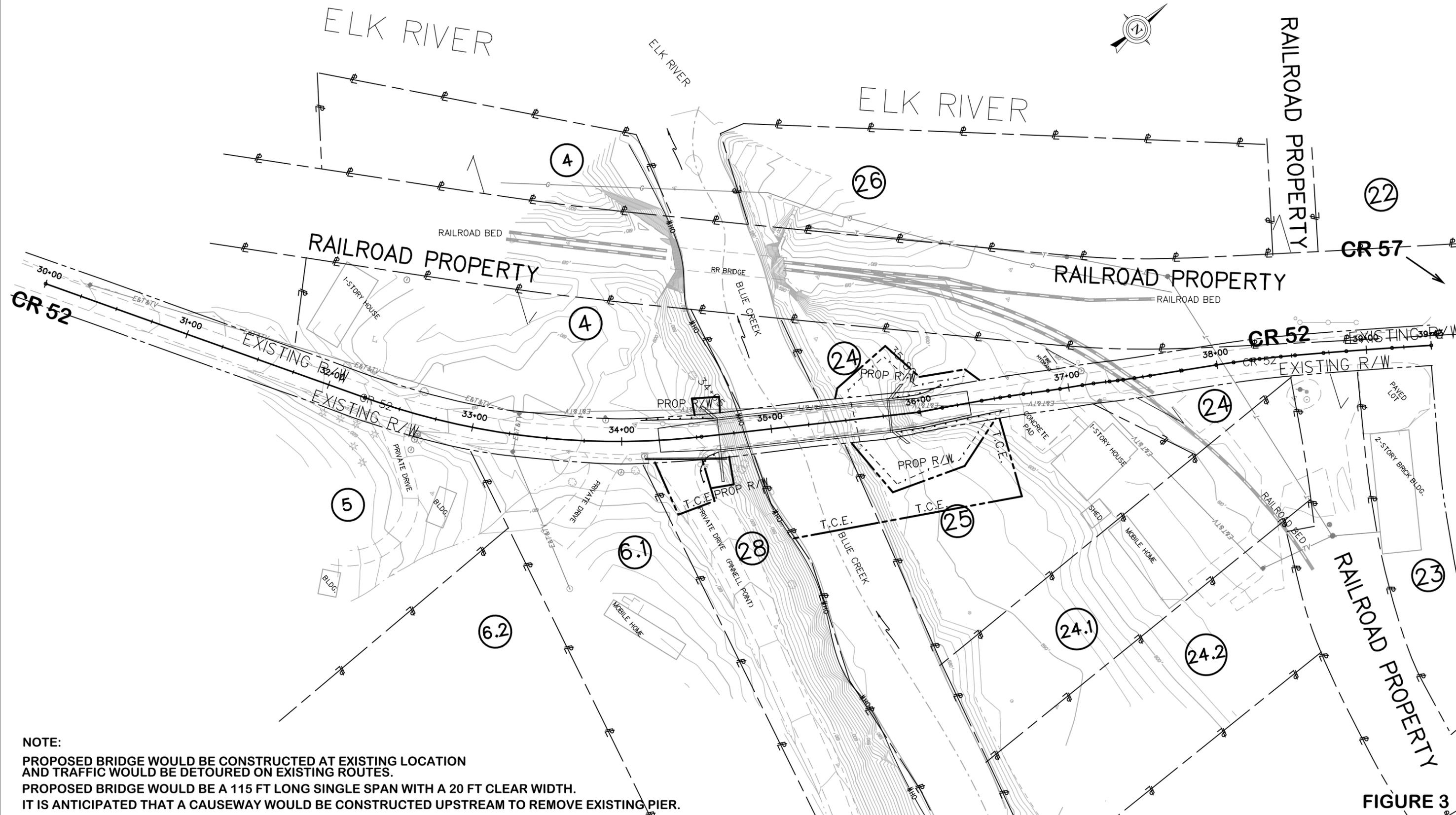
FIGURE 1

SCALE: 0 30 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
ALT. NO. 1 PLAN SHEET

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
CR	01	S220-52-3.63			KANAWHA		



NOTE:
 PROPOSED BRIDGE WOULD BE CONSTRUCTED AT EXISTING LOCATION AND TRAFFIC WOULD BE DETOURED ON EXISTING ROUTES.
 PROPOSED BRIDGE WOULD BE A 115 FT LONG SINGLE SPAN WITH A 20 FT CLEAR WIDTH.
 IT IS ANTICIPATED THAT A CAUSEWAY WOULD BE CONSTRUCTED UPSTREAM TO REMOVE EXISTING PIER.
 CR 52 IS A URBAN LOCAL ROAD WITH A DESIGN YEAR ADT OF 800 VPD.
 PROPERTY LINES ARE BASED ON AVAILABLE TAX MAP INFORMATION.

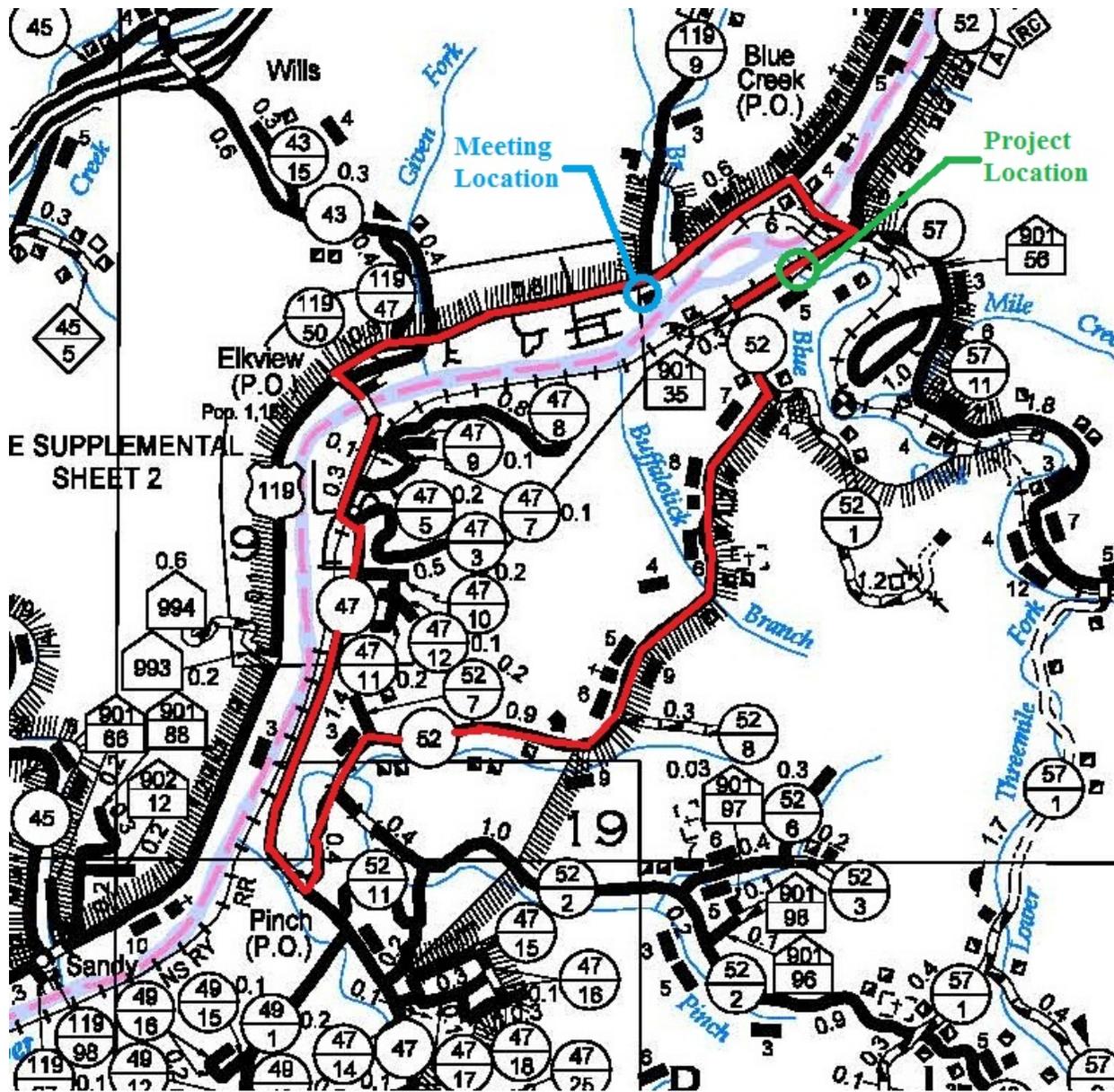
FIGURE 3

SCALE: 0 30 ft.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
ALT. NO. 3 PLAN SHEET

Detour Map



-  Detour
-  Project Location
-  Meeting Location

ALTERNATIVES SUMMARY

Item	Alternatives				
	1	2	3	4	No Build Option
	New Bridge Downstream	New Bridge Upstream	New Bridge At existing location with detour on existing roads	Rehabilitation	The existing bridge is eventually closed and removed.
Roadway Length (ft)	605	465	90		
Bridge Length (ft)	120	120	115	126	0
Property Impacts	7	7	4	0	0
Residential Houses Impacted	0	1	0	0	0
Total Cost	\$2,022,000	\$2,305,000	\$1,687,000	Not Feasible	Not Feasible

CURRENT PROJECT SCHEDULE

Public Information Open House Meeting.....April 27, 2015

Public Open House Meeting Comments Due By.....May 27, 2015

Right Of WayAugust 28, 2018

Construction.....December 28, 2019

COMMENTS

Please send written comments on or before Thursday, May 27, 2015 to:

**Mr. R.J. Scites, P.E., Director, Engineering Division
West Virginia Division of Highways
1334 Smith Street
Charleston, West Virginia 25301**

Project Information and Comment Sheets can be found online at our web page:

<http://go.wv.gov/dotcomment>

**Click on “Comment on Engineering Project”, then “Open”,
And then click on “Blue Creek Twin Arch Bridge”.**

