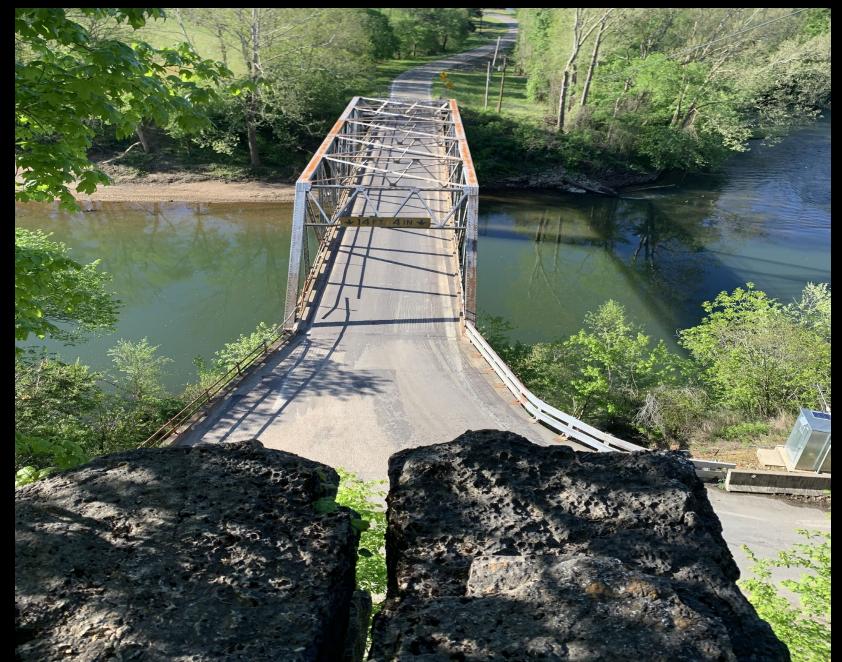
# NAVIGATING CONSTRUCTION CHALLENGES

WHEN NOTHING IS GOING ACCORDING TO PLAN

# EXISTING: 1 – LANE BRIDGE AND ROADWAY



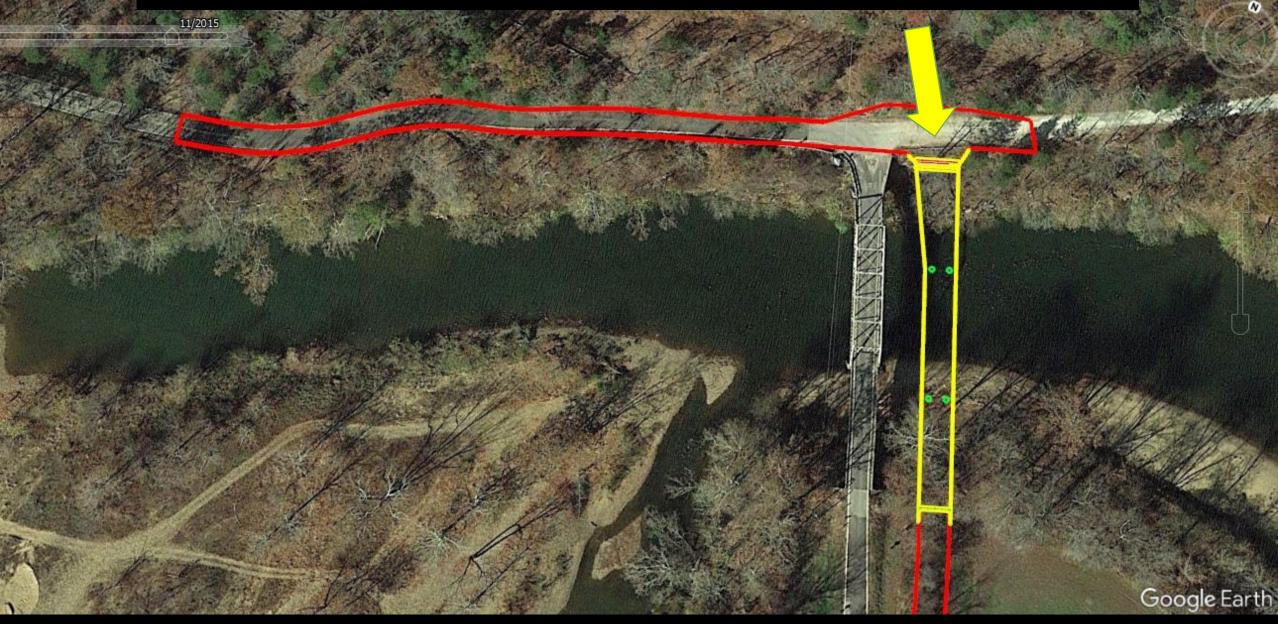
### **EXISTING: 1 – LANE BRIDGE AND ROADWAY**



#### EXISTING: 1 – LANE BRIDGE AND ROADWAY



#### **PROPOSED: 2 – LANE BRIDGE AND ROADWAY**



09/17/2019 10:14:03 AM

0DOA

99H0S2FF

## ROCK EXCAVATION

#### PROPOSED: TWO - LANE





# ROCK EXCAVATION

#### BRIDGE

# CURVE WIDENING

## ANTICIPATED CONSTRUCTION CHALLENGES DEAD END

ROAD

N

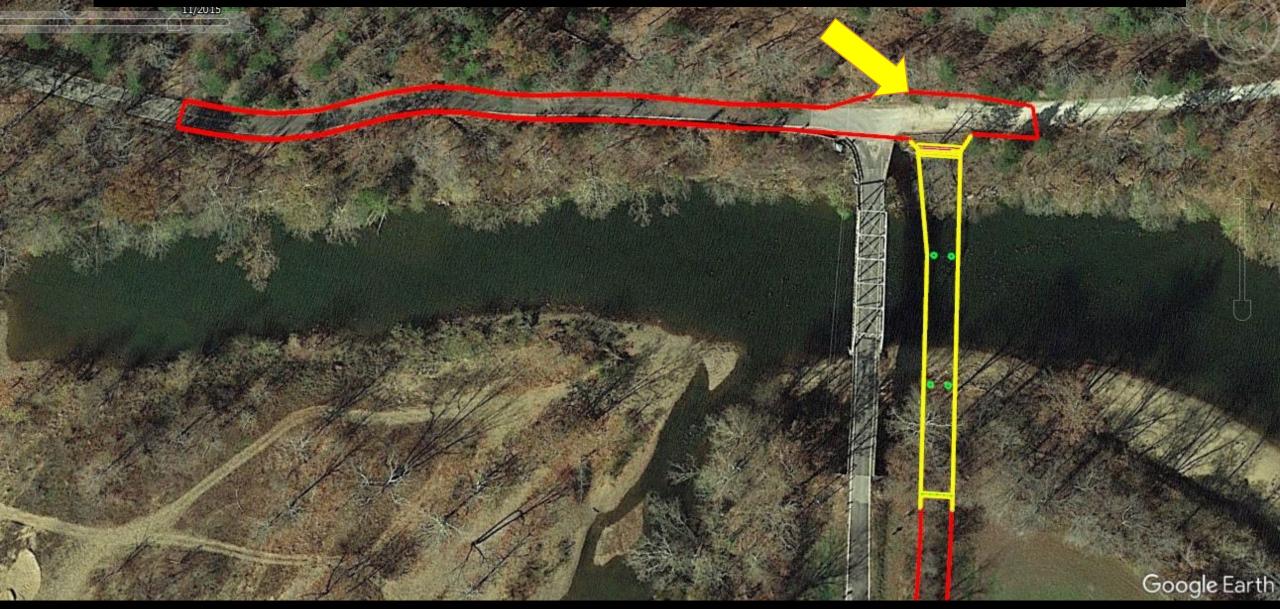
08-04-2015

## ROADWAY TO REMAIN OPEN TO TRAFFIC TO AVOID LENGTHY DETOUR

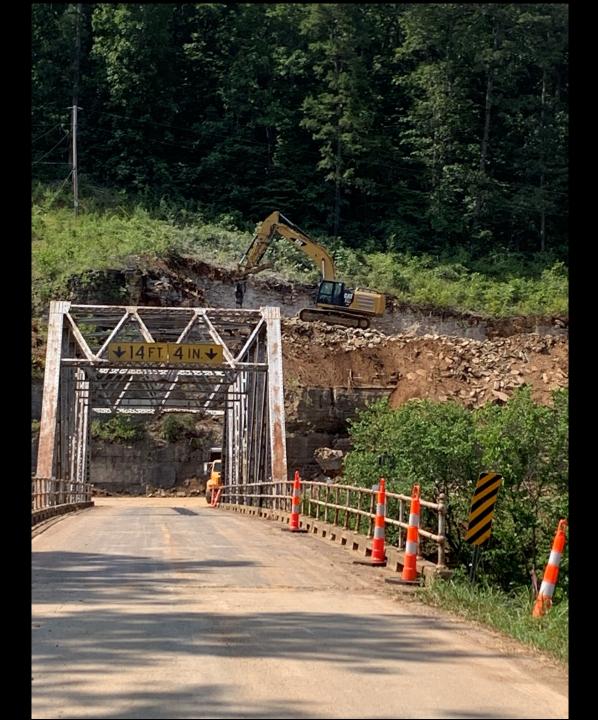
R

## **EXCAVATION BEGINS ADJACENT TO NEW BRIDGE**

N



## CONTRACTOR IS CREATING ACCESS ROUTE FOR BLASTING OPERATIONS



#### **EXCAVATION PERFORMED USING 4 HOUR CLOSURES OF RTE C AND CRD 431**







## THE ROCK IN THE UPPER BENCH WAS DISECTED BY CLAY VEINS

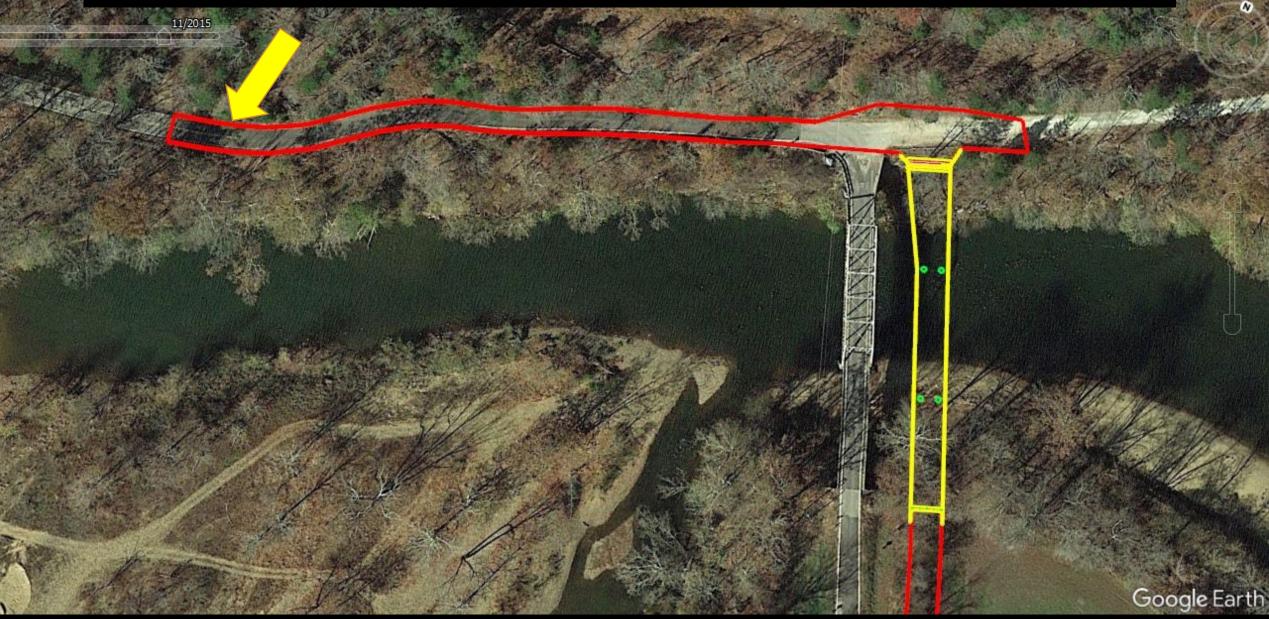


## DUE TO THE CLAY ... WIDENING WAS HALTED WHILE THE CROSS-SECTIONS WERE REDESIGNED

7/16/21 N 37.385358°, W 90.474494° J9S3213 Ribbon is location of the proposed toe of the higher vertical cut

N 37.385609°, W 90,47404 Ribbon is location of the proposed toe of the higher vertical cut

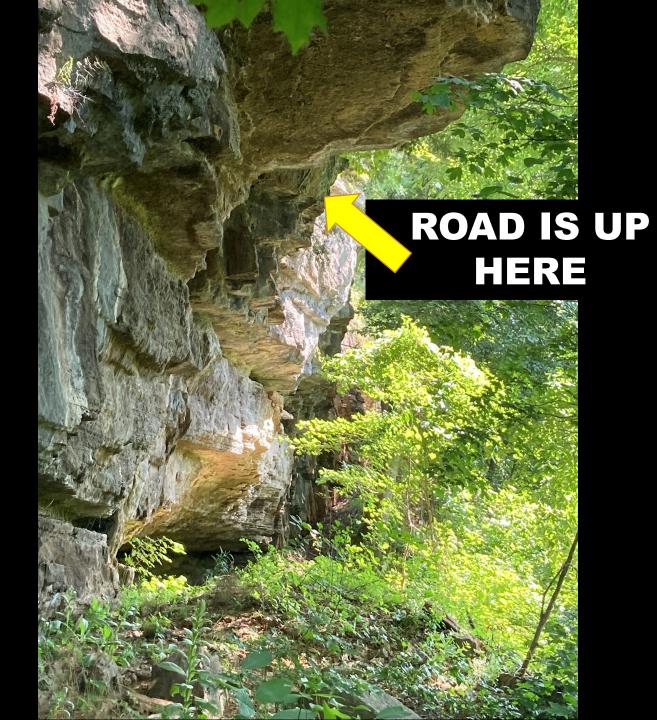
#### **EXCAVATION BEGINS AT WEST END OF PROJECT**



YELLOW IS PROPOSED VERTICAL CUT.

RED IS RIGHT-OF-WAY

## NEXT PICTURE IS DOWN HERE

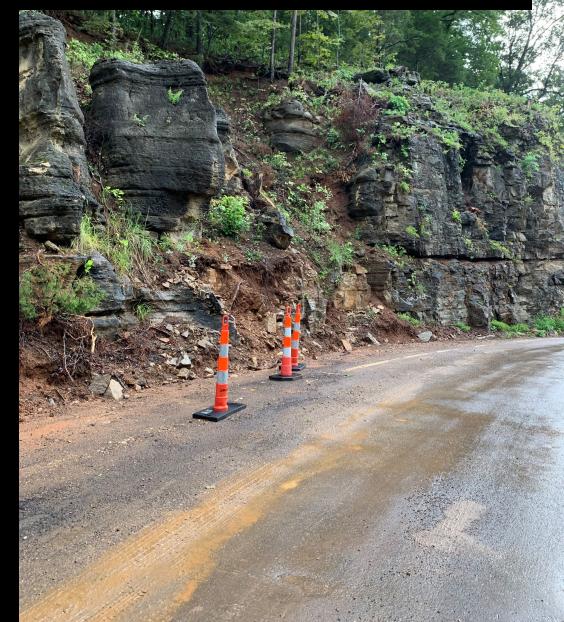


#### WEST END ... AFTER THE BLAST

7/28/21, 4:06 PM N 37° 23' 6", W 90° 28' 32" Madison County

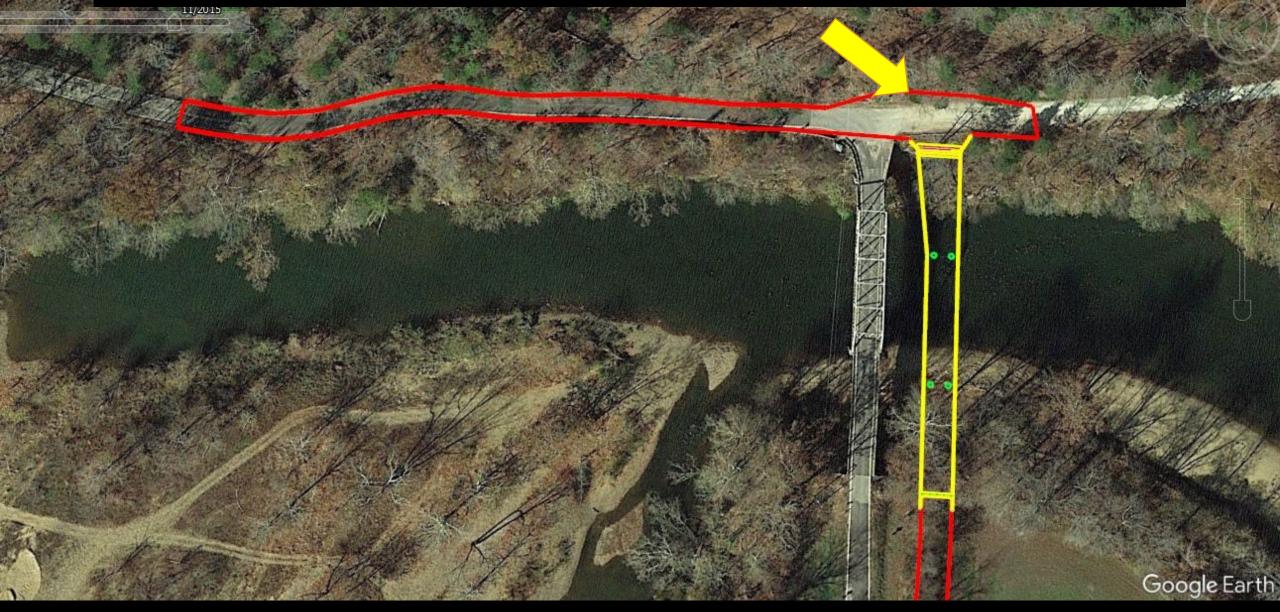
#### DUE TO CLAY ... WIDENING WAS HALTED AGAIN





#### **EXCAVATION RESUMES FOR NEW BRIDGE**

N



## SECOND BLAST

BAT

PACE

600







9/15/21, 1:25 PM N 37° 23' 4", W 90° 28' 25" Madison County

9/15/21, 1:25 PM N 37° 23' 4", W 90° 28' 25" Madison County

## OVERHANGING LEDGES

## BUCKLED Pavement

# **BRIDGE DECK**

# MOVED 18 INCHES SOUTH

# **BENT 2 PILING AFTER BLAST**





#### DUE TO BLASTING DAMAGE THE EXISTING BRIDGE IS CLOSED

#### THE PROJECT SCHEDULE IS ACCELERATED

PROPOSED OPEN TO TRAFFIC DATE OF JANUARY 5<sup>TH</sup> 2022





## **BRIDGE WORK BEGINS**



#### ACCESS TO BLUFF BANK WAS LIMITED

CORP OF ENGINEERS REVISED THE PERMIT TO ALLOW A LARGER WORK PAD WITHIN THE RIVER

## HOPE THE STRAPS DON'T BREAK!

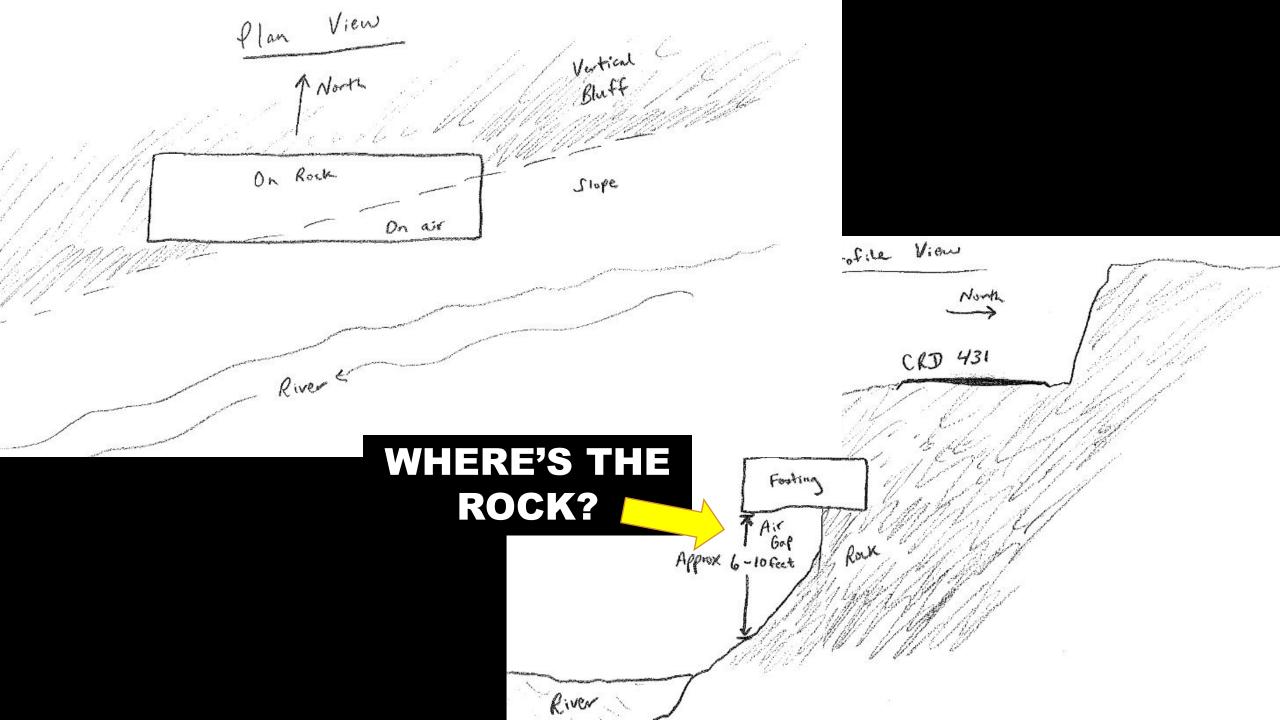


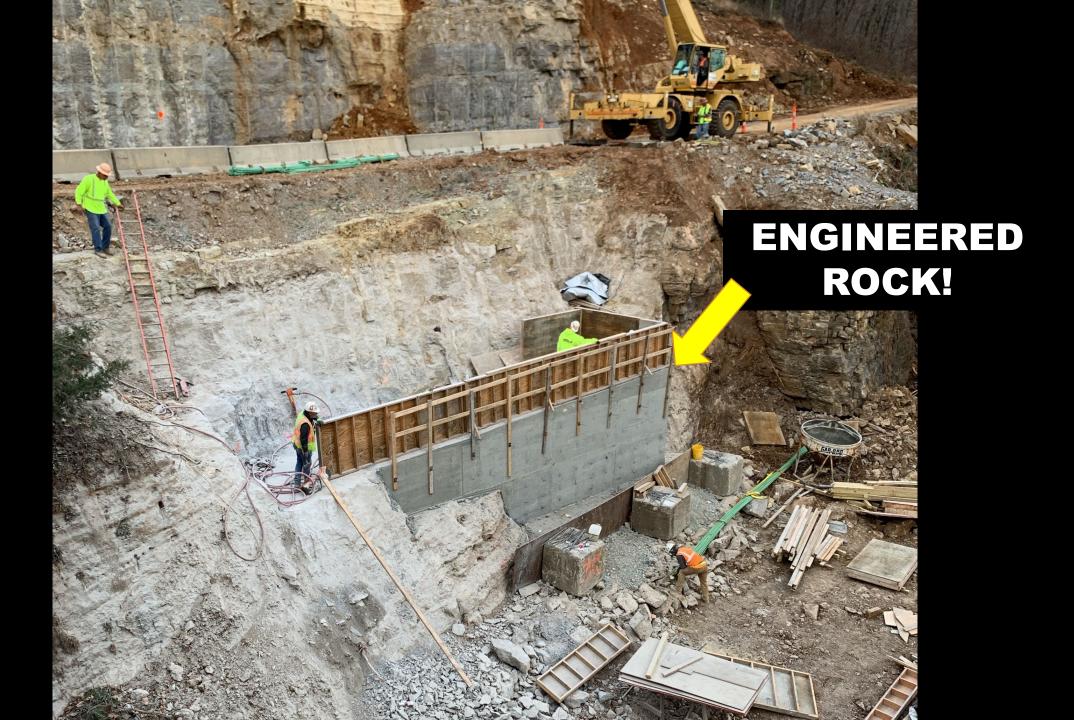
## EXCAVATING FOR ABUTMENT

10/28/21 137.385170°, W 90.474082° J9S3213

KOMATSU













## FORMING BEAM SEAT

CAR-BRL

11/30/21 0.473986° J9S3213

S

0

-

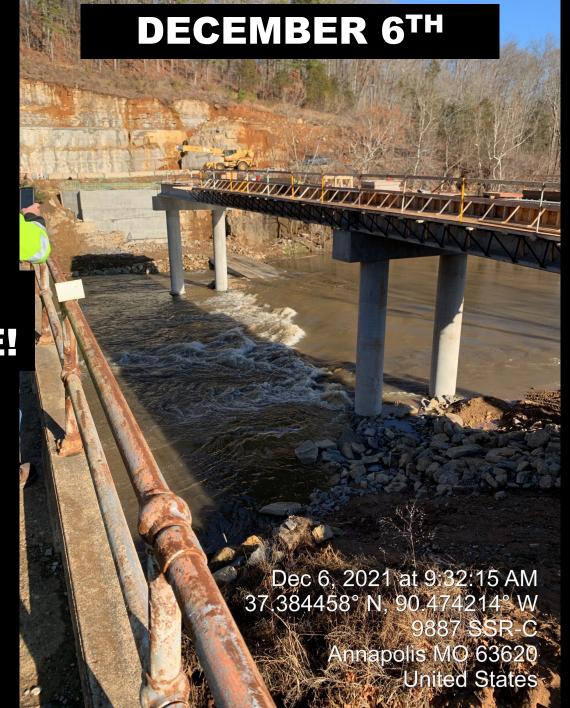
# READY TO SET GIRDERS

A BELLEVET

### SETTING SPANS 1 AND 2



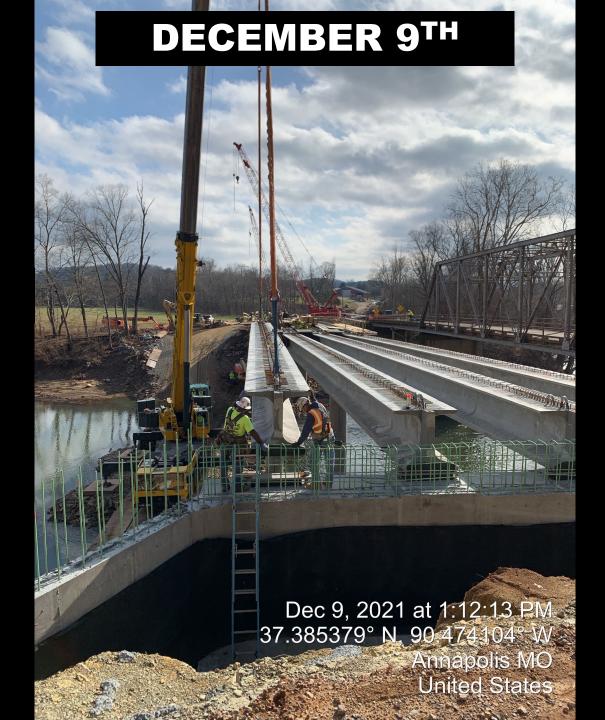
### JUST A MINOR INCONVENIENCE!







#### THEY FIT!











### **ALMOST THERE!**







# JANUARY 8<sup>TH</sup> 2022 OPEN TO TRAFFIC



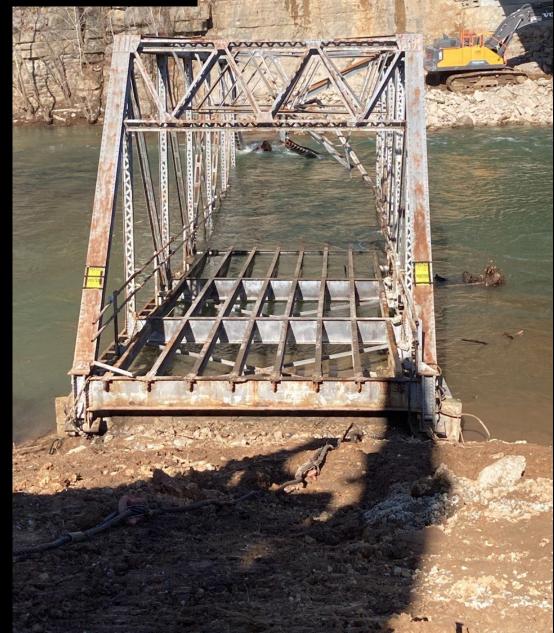
# **GOODBYE OLD FRIEND!**

/12/22, 11:30 AM

000



37



.30 AM 28' 26"

County

Mac

I'M STARTING TO THINK THIS JOB IS CURSED

THE SECTION SECTION

## THE JOYS OF MAINTAINING A DIRT ROAD!









## **FEBRUARY 2024**



## **FEBRUARY 2024**



