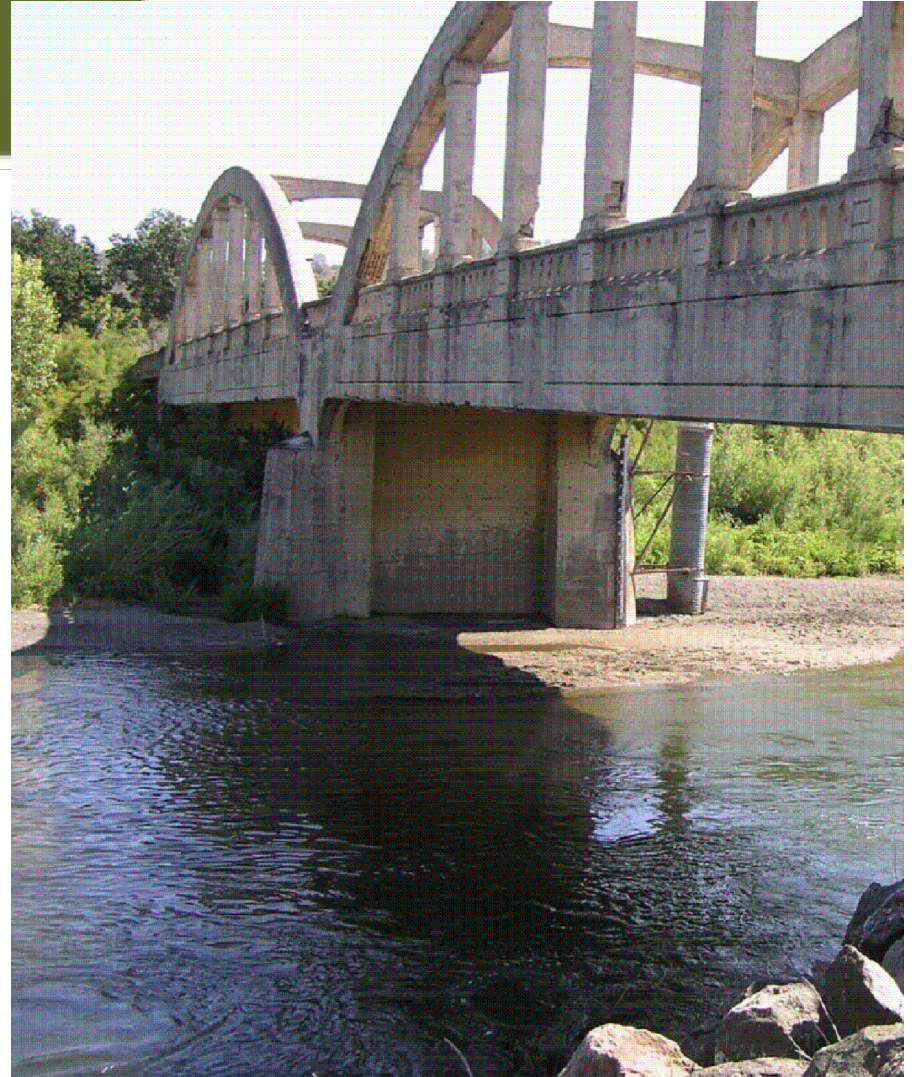
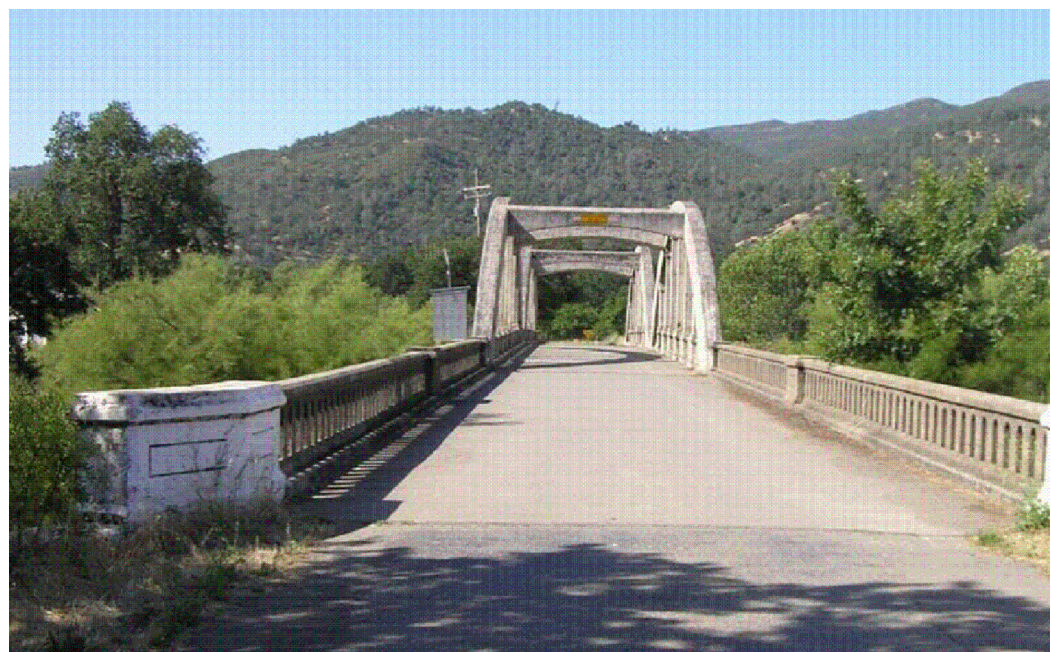
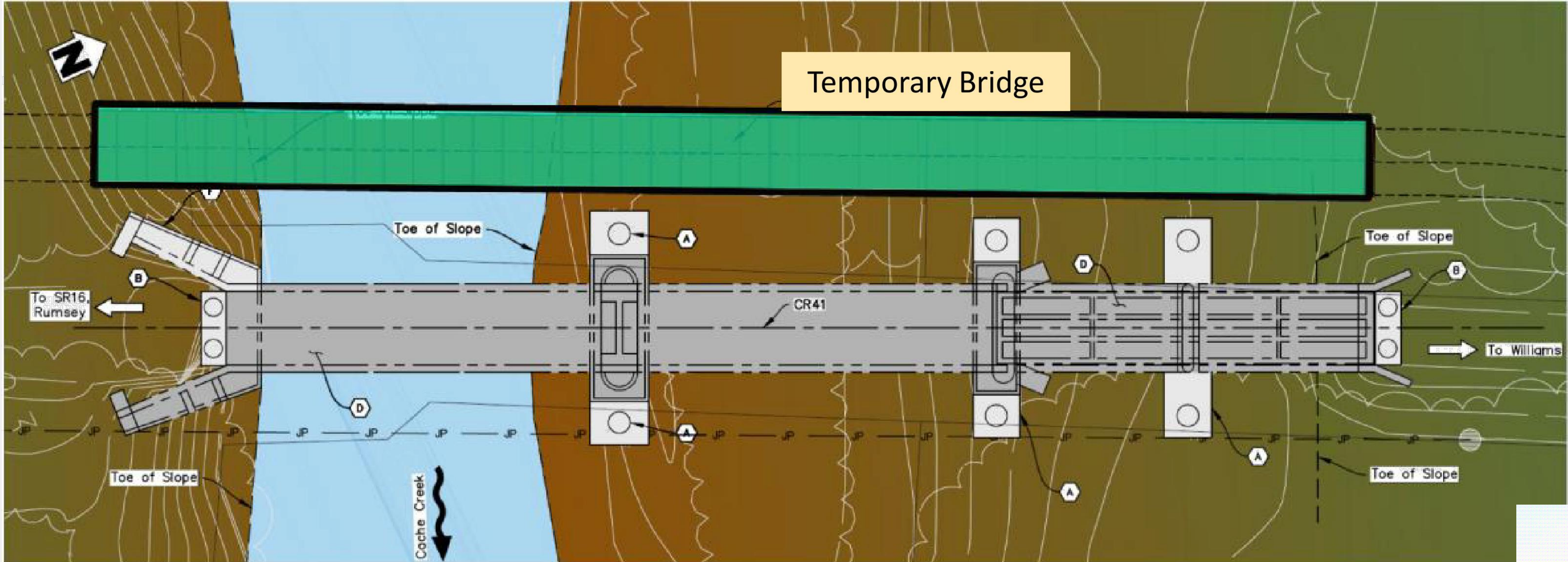
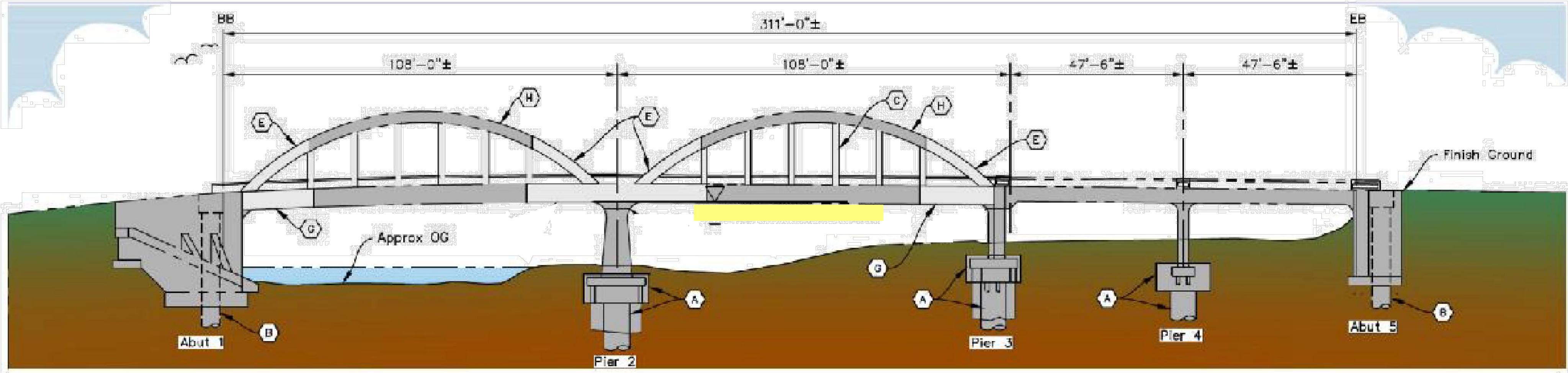


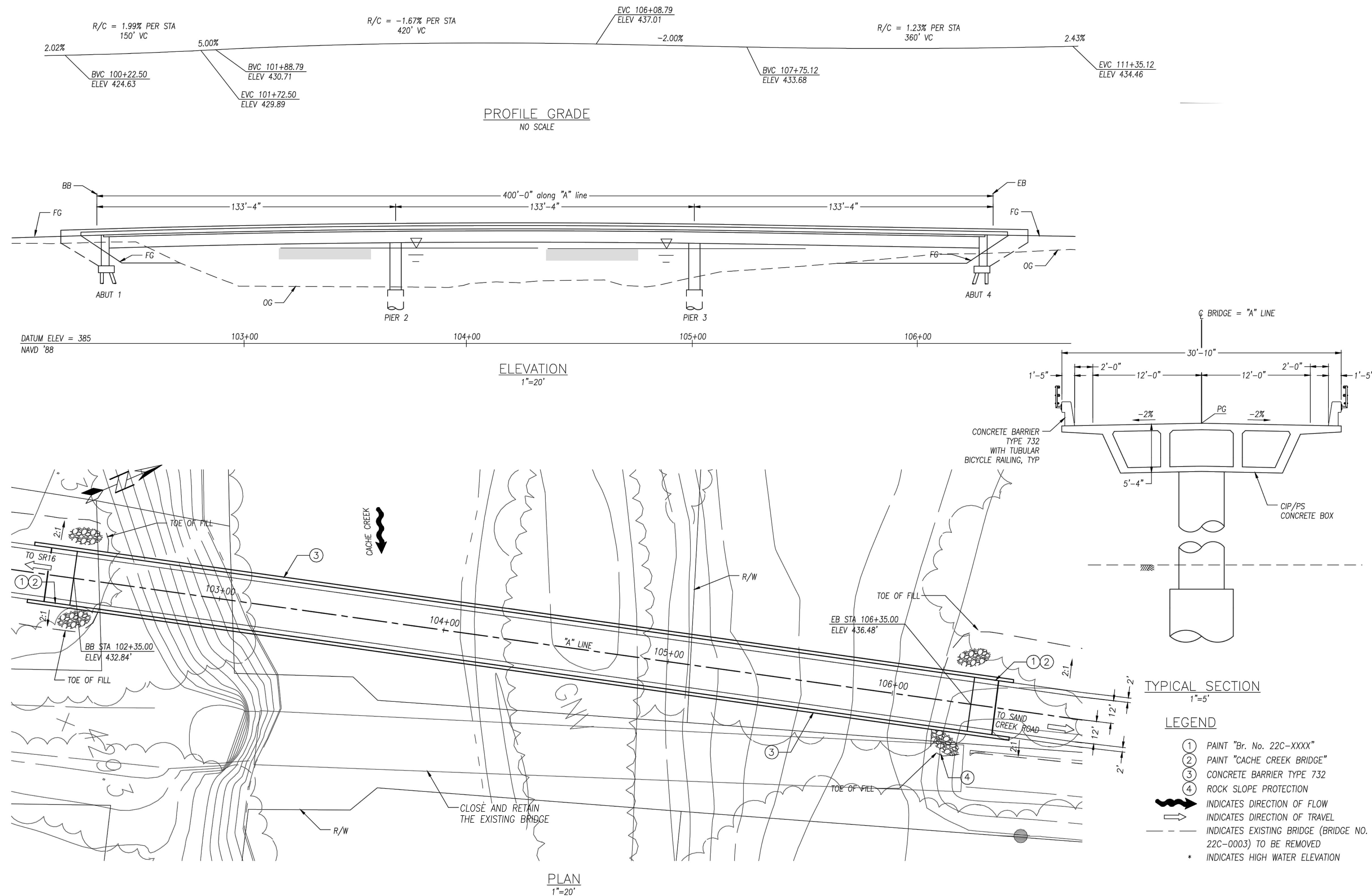
# ALTERNATIVE #1 : BRIDGE REHABILITATION

- A. Cast-In-Drilled-Hole & Footing Build-out at Piers
- B. Cast-In-Drilled-Hole behind Abutment
- C. Fiber-Wrap Vertical Hangers
- D. Refinish Deck
- E. Fiber-Wrap Arch Rib from Spring Line to first vertical hanger
- F. Reconstruct Wingwall
- G. Bolster Exterior Tie Girders
- H. Patch spalled or delaminated concrete
- I. Rebuild Concrete railing
- J. Portal Bracing Fiber-Wrap



ESTIMATED CONSTRUCTION COST: \$10.8 M  
 ESTIMATED CONSTRUCTION TIME: 2-3 YEARS

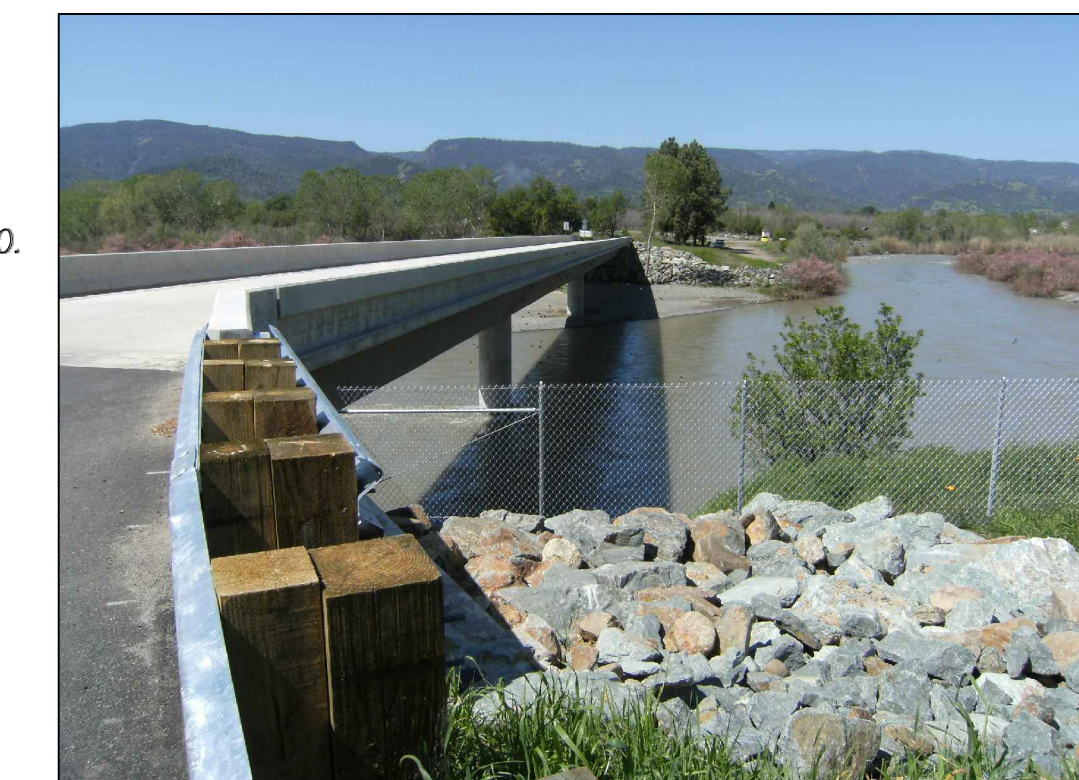
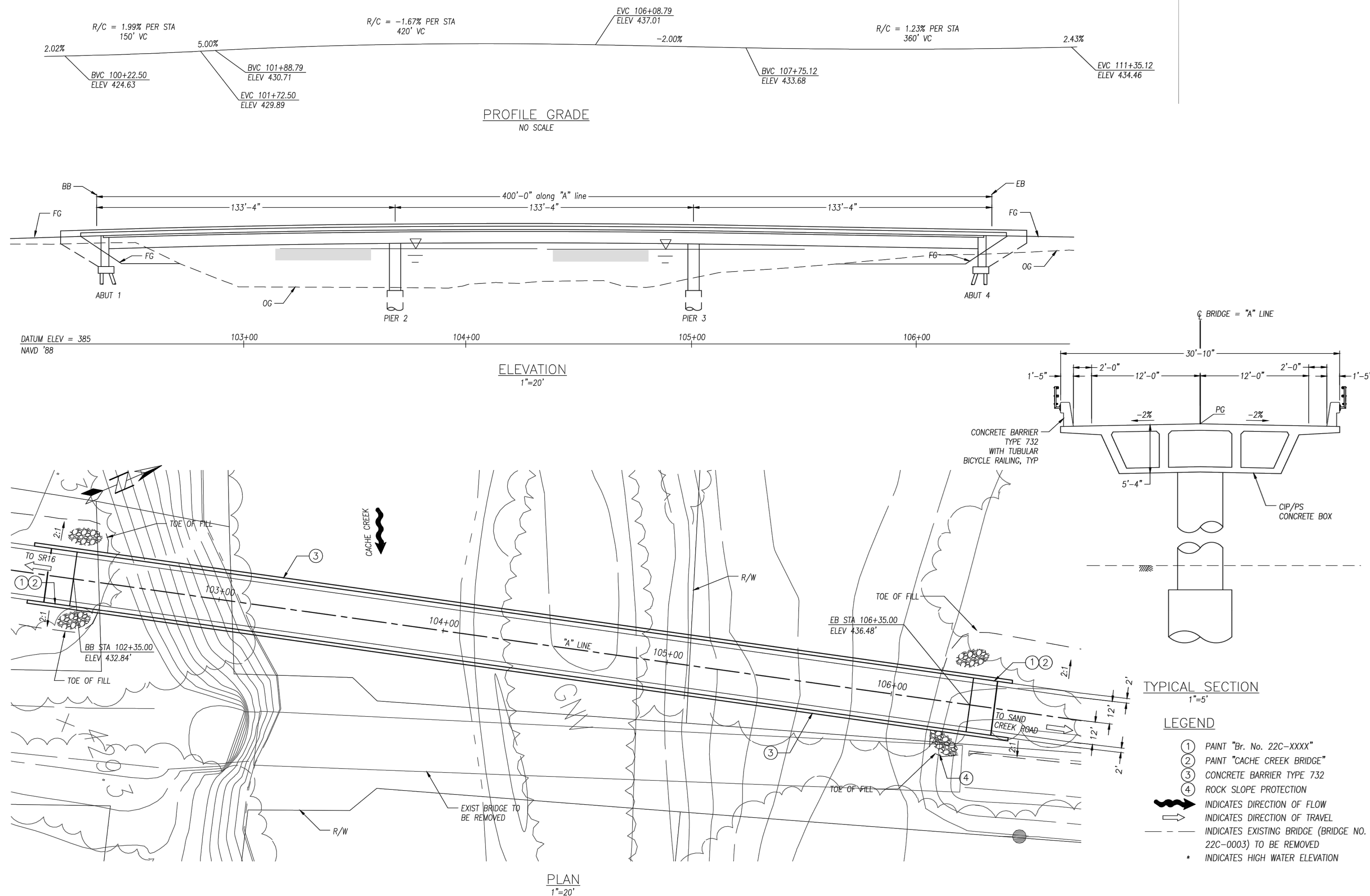
# ALTERNATIVE #2 : CONCRETE BOX GIRDER BRIDGE, CLOSE AND RETAIN THE EXISTING BRIDGE



GUINDA BRIDGE (SIMILAR)

**ESTIMATED CONSTRUCTION COST: \$3.9 M**  
**ESTIMATED CONSTRUCTION TIME: 1-2 YEARS**

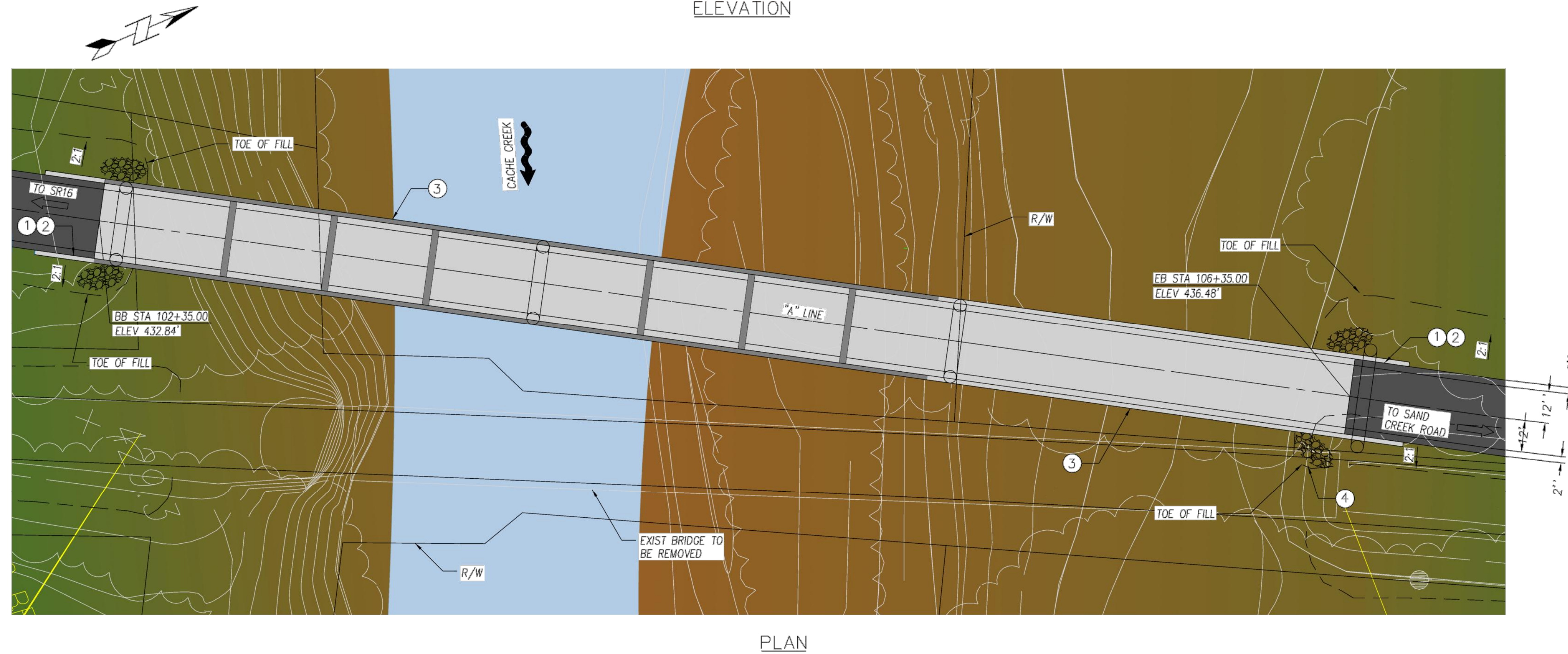
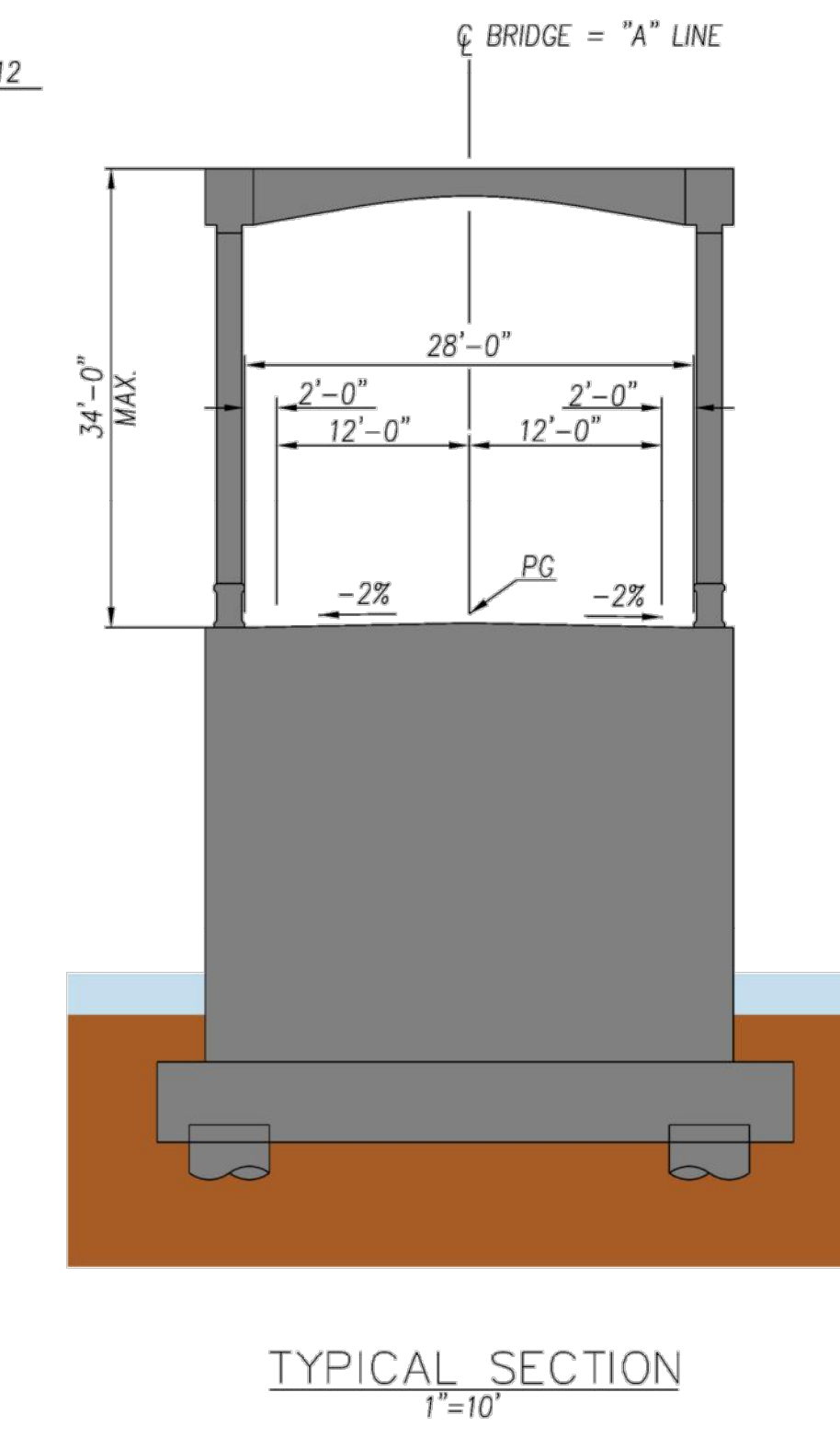
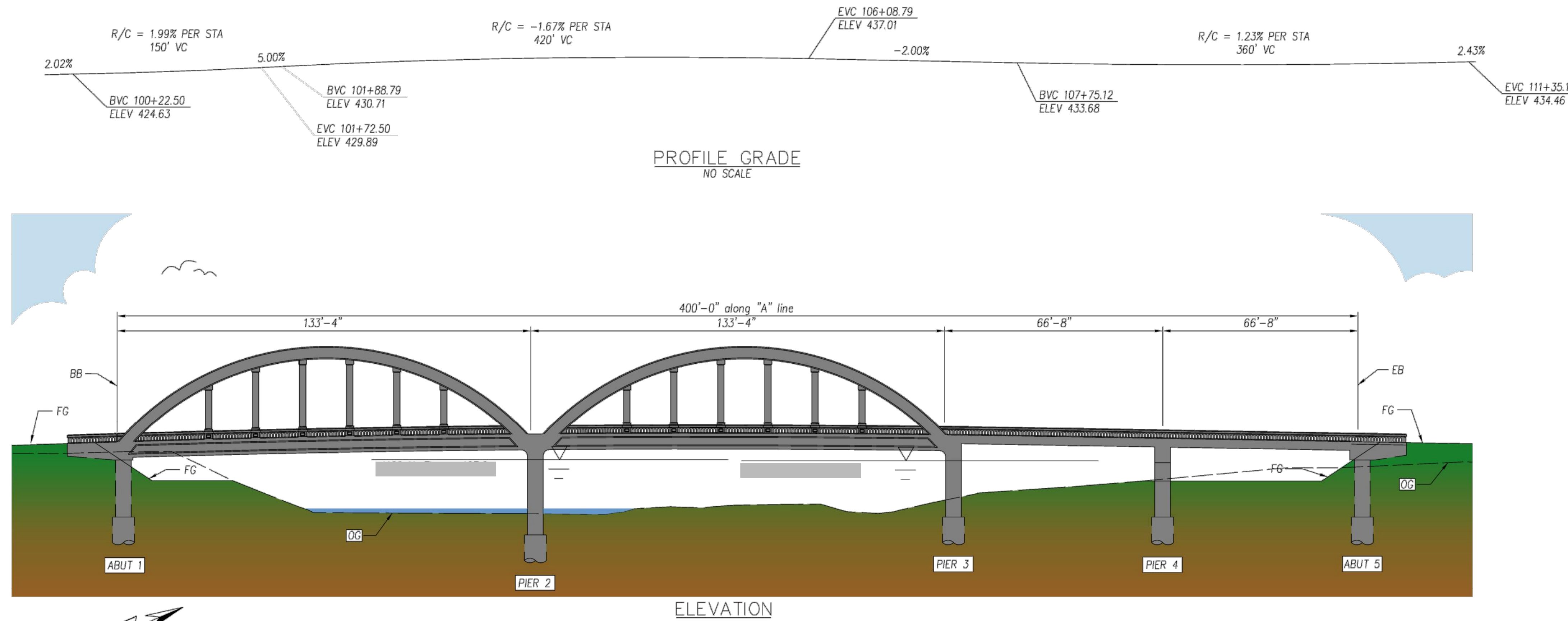
# ALTERNATIVE #3 : CONCRETE BOX GIRDER BRIDGE, REMOVE EXISTING BRIDGE



GUINDA BRIDGE (SIMILAR)

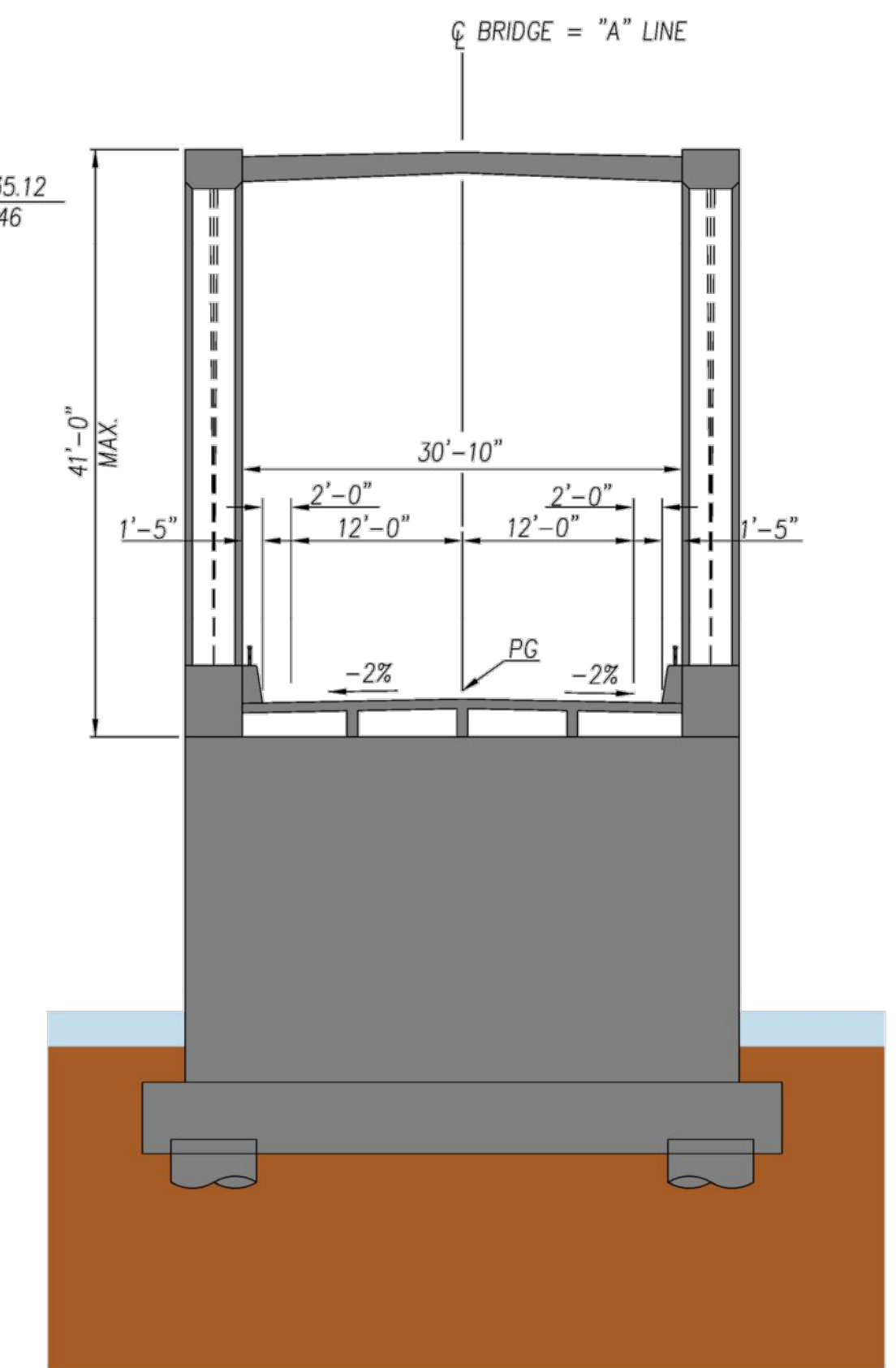
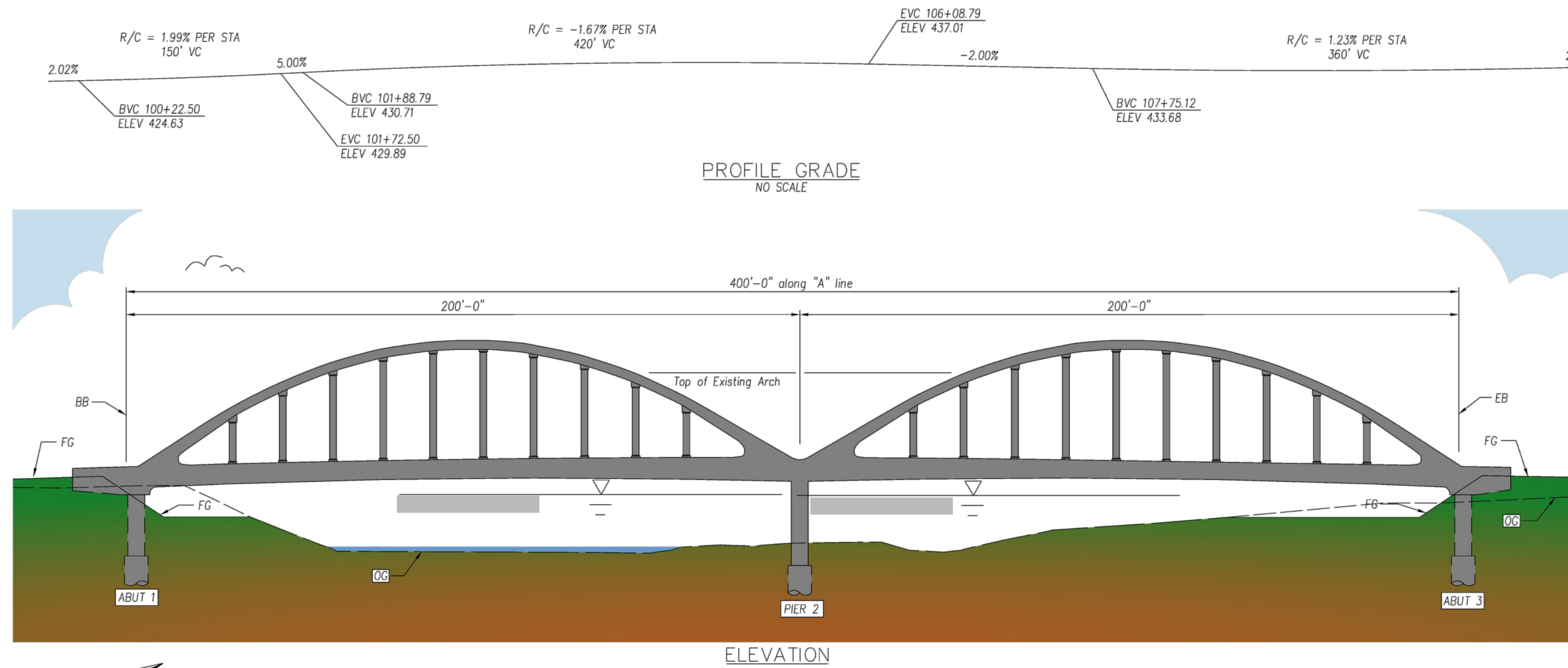
**ESTIMATED CONSTRUCTION COST: \$4.5 M**  
**ESTIMATED CONSTRUCTION TIME: 1-2 YEARS**

# ALTERNATIVE #4 : REPLACEMENT IN-KIND



ESTIMATED CONSTRUCTION COST: \$8.3 M  
 ESTIMATED CONSTRUCTION TIME: 2-3 YEARS

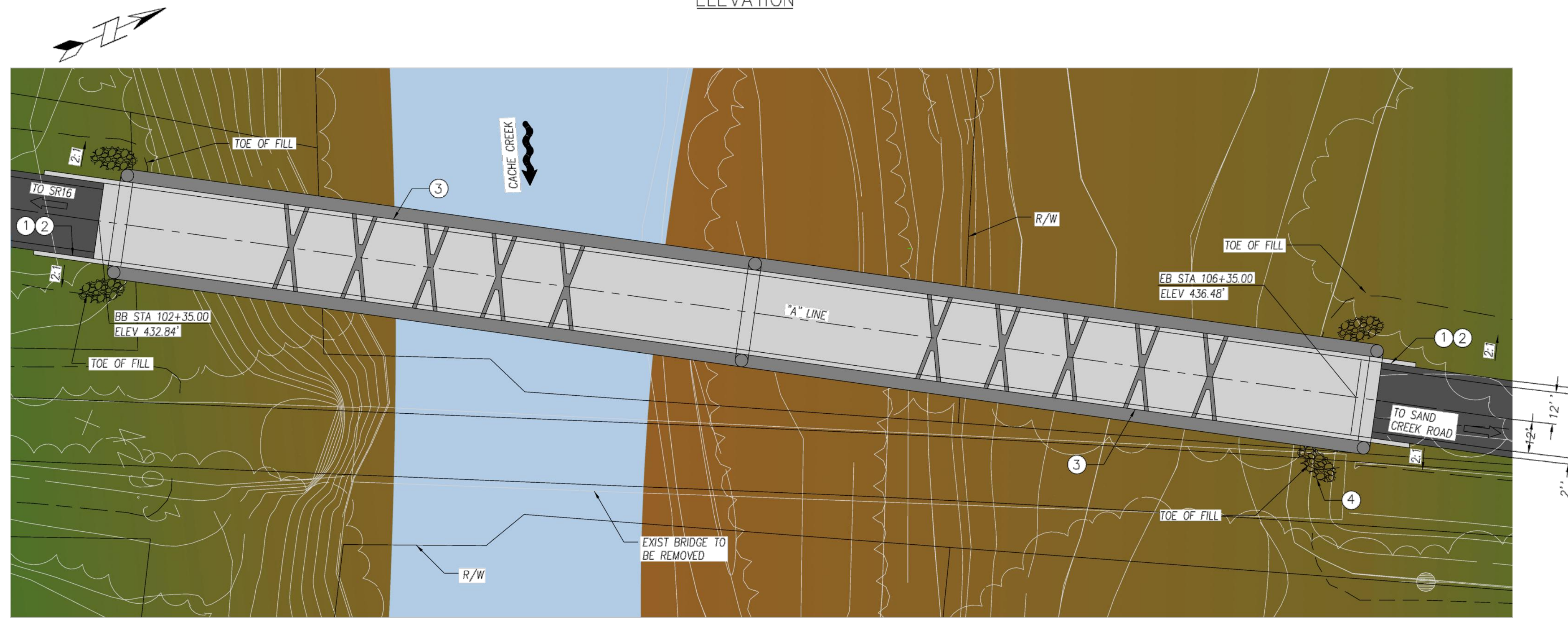
# ALTERNATIVE #5 : TWO MODERN ARCHES



TYPICAL SECTION  
1"=10'

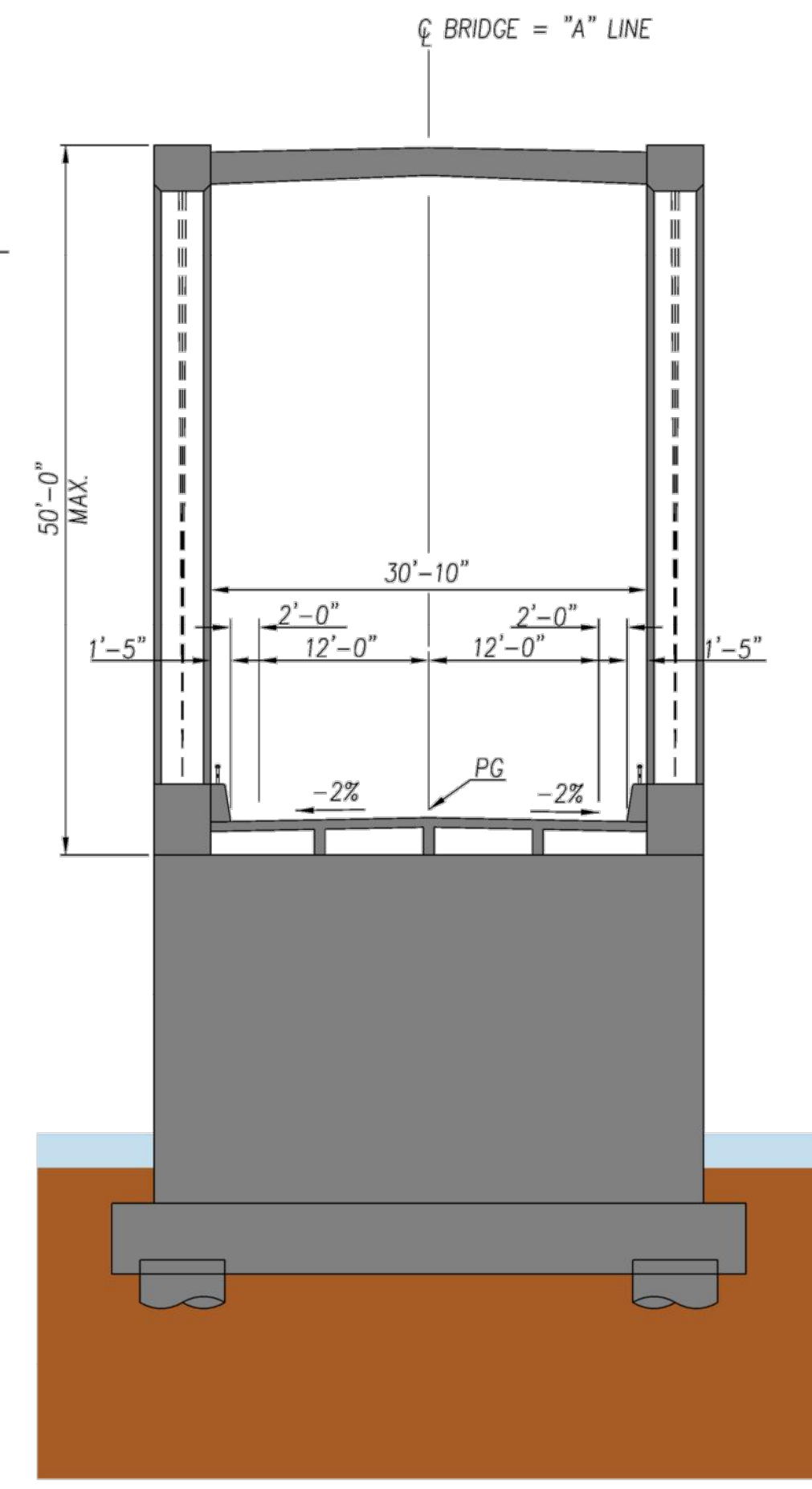
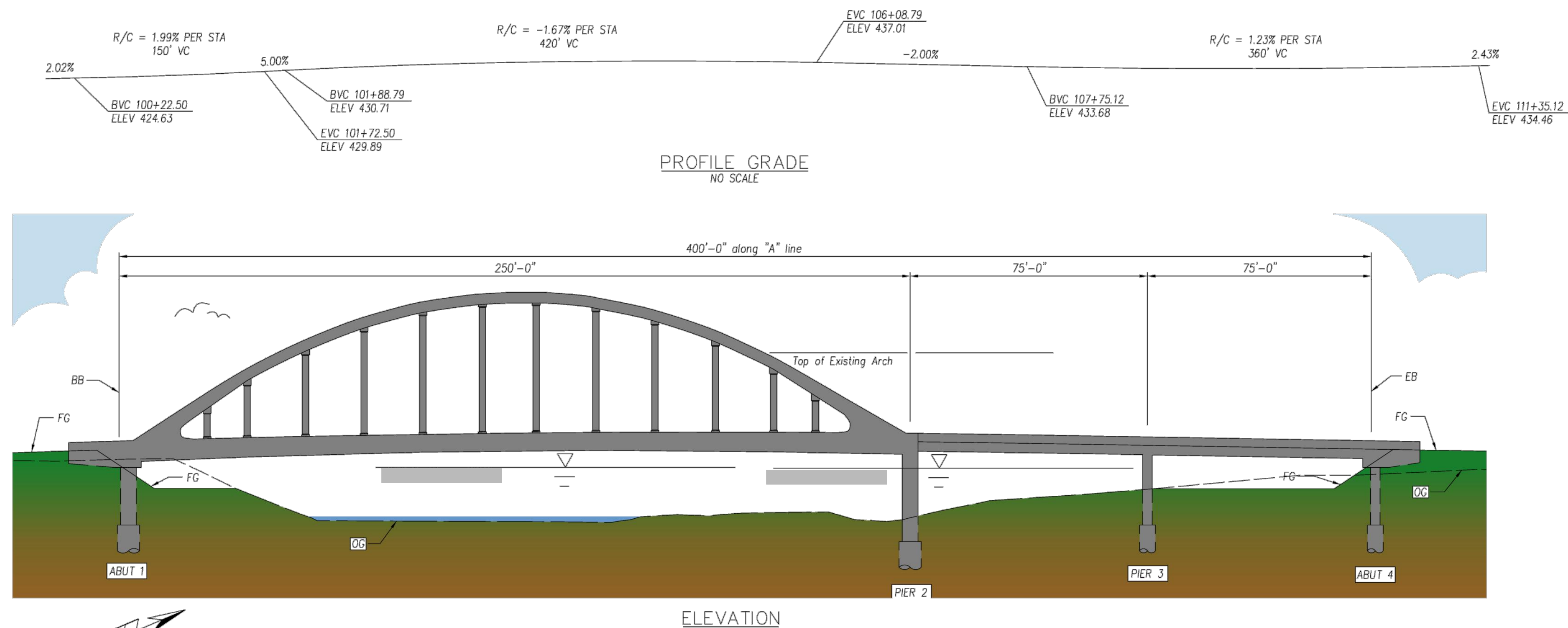
## LEGEND

- ① PAINT "Br. No. 22C-XXXX"
- ② PAINT "CACHE CREEK BRIDGE"
- ③ CONCRETE BARRIER TYPE 732
- ④ ROCK SLOPE PROTECTION
- INDICATES DIRECTION OF FLOW
- ⇨ INDICATES DIRECTION OF TRAVEL
- - - INDICATES EXISTING BRIDGE (BRIDGE NO. 22C-0003) TO BE REMOVED
- \* INDICATES HIGH WATER ELEVATION
- BB BEGIN BRIDGE
- EB END BRIDGE
- FG FINISHED GRADE
- OG ORIGINAL GRADE
- ELEV ELEVATION
- STA STATION
- R/W RIGHT OF WAY LINE
- CL CENTERLINE
- BVC BEGIN VERTICAL CURVE
- EVC END VERTICAL CURVE
- VC VERTICAL CURVE

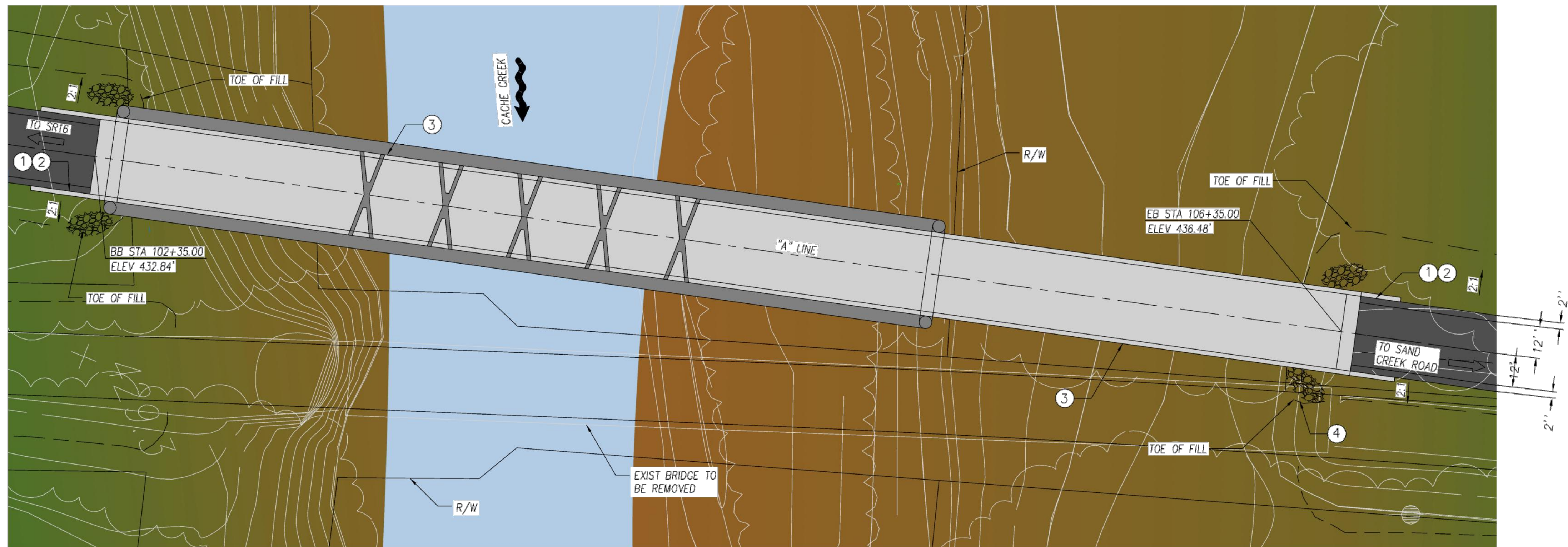


ESTIMATED CONSTRUCTION COST: \$9.5 M  
 ESTIMATED CONSTRUCTION TIME: 2-3 YEARS

# ALTERNATIVE #6 : ONE MODERN ARCH



TYPICAL SECTION  
1"=10'



PLAN

- LEGEND**
- ① PAINT "Br. No. 22C-XXXX"
  - ② PAINT "CACHE CREEK BRIDGE"
  - ③ CONCRETE BARRIER TYPE 732
  - ④ ROCK SLOPE PROTECTION
  - ~ INDICATES DIRECTION OF FLOW
  - INDICATES DIRECTION OF TRAVEL
  - - - INDICATES EXISTING BRIDGE (BRIDGE NO. 22C-0003) TO BE REMOVED
  - \* INDICATES HIGH WATER ELEVATION
  - BB BEGIN BRIDGE
  - EB END BRIDGE
  - FG FINISHED GRADE
  - OG ORIGINAL GRADE
  - ELEV ELEVATION
  - STA STATION
  - R/W RIGHT OF WAY LINE
  - C CENTERLINE
  - BVC BEGIN VERTICAL CURVE
  - EVC END VERTICAL CURVE
  - VC VERTICAL CURVE

ESTIMATED CONSTRUCTION COST: \$8.2 M  
 ESTIMATED CONSTRUCTION TIME: 2 YEARS