

**THOUVENOT, WADE & MOERCHEN, INC.**  
ENGINEERS • SURVEYORS • PLANNERS



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| PROFESSIONAL REGISTRATIONS          | LICENSE NO. |
|-------------------------------------|-------------|
| ILLINOIS PROFESSIONAL DESIGN FIRM   | 184-00120   |
| PROFESSIONAL ENGINEERING CORP.      | 62-03570    |
| PROFESSIONAL STRUCTURAL ENGR. CORP. | 81-005202   |
| ILLINOIS PROF. LAND SURVEYING CORP. | 048-00029   |
| MISSOURI PROFESSIONAL ENGR. CORP.   | NC 001528   |
| MISSOURI LAND SURVEYING CORP.       | NC 000346   |

SEAL

**FINAL**

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_  
**STATEMENT OF RESPONSIBILITY**  
I hereby confirm that the document herein to be authenticated by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

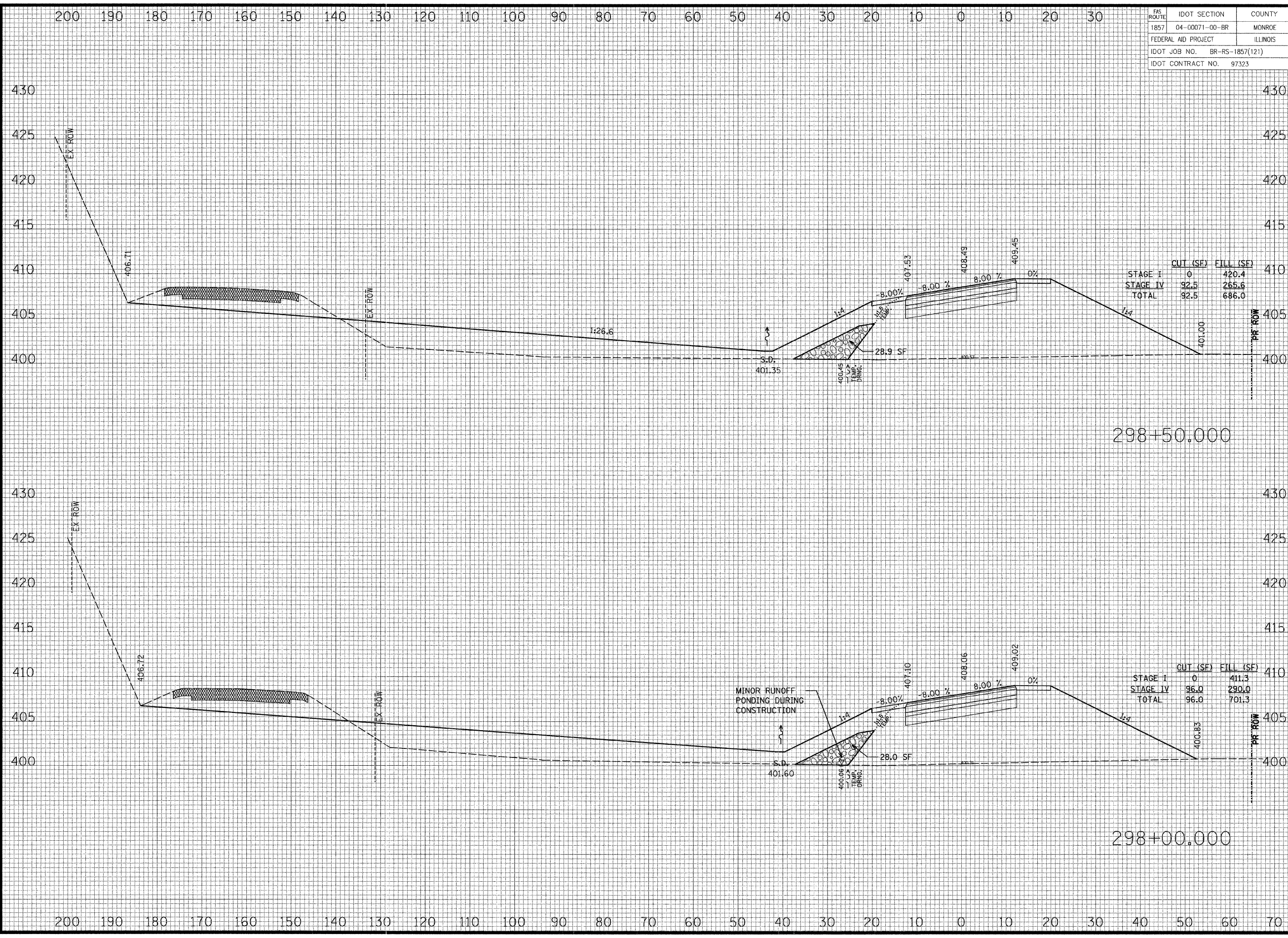
**CROSS SECTIONS**  
**BLUFF ROAD**  
**BLUFF ROAD (CTY. HWY. 6)**  
**BRIDGE REPLACEMENT**  
**OVER FOUNTAIN CREEK**  
**MONROE COUNTY, IL**

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
| △    |      |             |
| △    |      |             |
| △    |      |             |

DRAWN BY: KBF/JWS  
DESIGNED BY: BJC  
CHECKED BY: SJK  
APPROVED BY: SJK  
PROJECT NUMBER: 116-040125  
PROJECT DESCRIPTION: BLUFF RD. BRIDGE OVER FOUNTAIN CRK.

SHEET **45** OF 67 SHEETS

ISSUED FOR REVIEW  
 ISSUED FOR CONSTR.  
 ISSUED FOR BIDDING  
 RECORD DRAWING



| FAS ROUTE                    | IDOT SECTION   | COUNTY   |
|------------------------------|----------------|----------|
| 1857                         | 04-00071-00-BR | MONROE   |
| FEDERAL AID PROJECT          |                | ILLINOIS |
| IDOT JOB NO. BR-RS-1857(121) |                |          |
| IDOT CONTRACT NO. 97323      |                |          |

|          | CUT (SF) | FILL (SF) |
|----------|----------|-----------|
| STAGE I  | 0        | 420.4     |
| STAGE IV | 92.5     | 265.6     |
| TOTAL    | 92.5     | 686.0     |

|          | CUT (SF) | FILL (SF) |
|----------|----------|-----------|
| STAGE I  | 0        | 411.3     |
| STAGE IV | 96.0     | 290.0     |
| TOTAL    | 96.0     | 701.3     |