

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	

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



CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com

EDWARDSVILLE OFFICE
1015B CENTURY DRIVE
EDWARDSVILLE, ILLINOIS 62025
TEL (618) 656-4040
FAX (618) 656-4343
edwardsville@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5052
FAX (314) 872-2194
stlouis@twm-inc.com

WATERLOO OFFICE
113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3938
waterloo@twm-inc.com

ILLINOIS PROFESSIONAL DESIGN FIRM	LICENSE NO. 184-001220
ILLINOIS PROFESSIONAL ENGINEERING CORP.	62-035700
ILLINOIS PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

LEGEND

- ① EXISTING AGGREGATE SHOULDER, TYPE B, 6"
- ② EXISTING AGGREGATE SHOULDER, TYPE B, 4"
- ③ EXISTING PAVEMENT MARKING
- ④ EXISTING AGGREGATE BASE COURSE, TYPE A, 12" W/ EXISTING BITUMINOUS SURFACE TREATMENT, CLASS A3
- ⑤ EXISTING LEVELING BINDER (MACHINE METHOD), N70, 2"
- ⑥ EXISTING HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
- ⑦ EXISTING AGGREGATE BASE COURSE, TYPE A, 8" W/ EXISTING BITUMINOUS SURFACE TREATMENT, CLASS A3
- ⑧ PROPOSED AGGREGATE SHOULDER, TYPE B, 6"
- ⑨ PROPOSED PAVEMENT MARKING
- ⑩ PROPOSED LIME MODIFIED SOIL, 12"
- ⑪ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, CA-4, 5"
- ⑫ PROPOSED AGGREGATE BASE COURSE, TYPE A, CA-6, 8"
- ⑬ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 3"
- ⑭ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
- ⑮ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH
- ⑯ PROPOSED GUARDRAIL, TYPE A (REFER TO INTERSECTION DETAILS)
- ⑰ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, VARIABLE DEPTH
- ⑱ PROPOSED MILLING OF EXISTING SURFACE (REFER TO PLAN FOR AREA, LOCATION AND DEPTH INFORMATION)

SEAL

FINAL

Signature: _____
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.

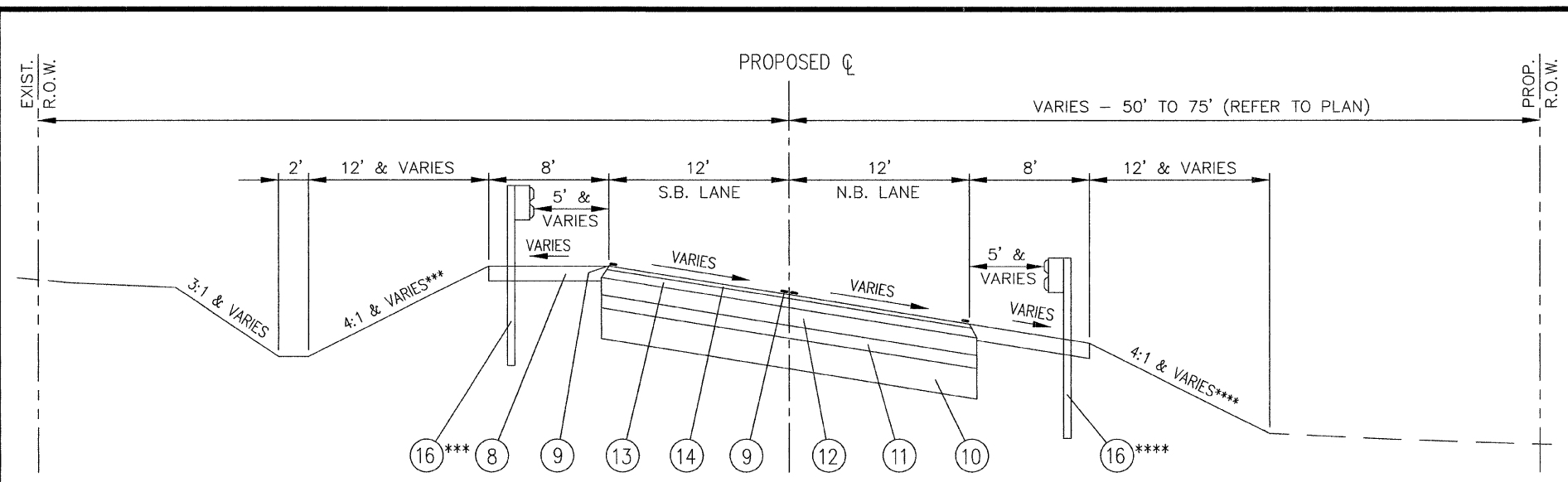
TITLE: **PROPOSED TYPICAL CROSS SECTIONS BLUFF ROAD (CTY. HWY. 6)**

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

REV.	DATE	DESCRIPTION

DRAWN BY: KBF/JWS	SHEET 7
DESIGNED BY: BJK	OF 67 SHEETS
CHECKED BY: SJK	PROJECT DESCRIPTION: BLUFF RD. BRIDGE OVER FOUNTAIN CRK.
APPROVED BY: SJK	PROJECT NUMBER: 116-040125

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

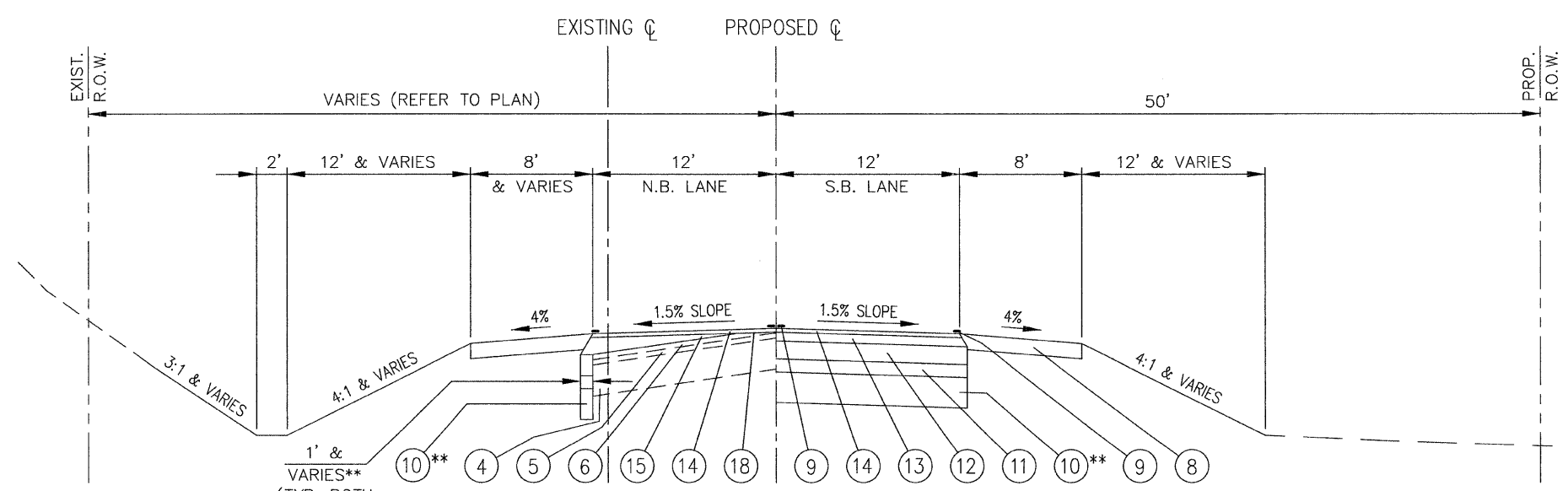


*** FORESLOPE SUMMARY (THIS SECTION - LEFT SIDE):
2:1 (STA. 308+42.05 TO STA. 310+52.18)
4:1 (STA. 311+01.59)
(REFER TO PLANS FOR GUARDRAIL & 5' PAVED SHOULDER LOCATIONS)

COUNTY HIGHWAY 6 (BLUFF ROAD)
PROPOSED TYPICAL SECTION - CURVE #3
STA. 308+42.05 TO STA. 320+50.25

**** FORESLOPE SUMMARY (THIS SECTION - RIGHT SIDE):
2:1 (STA. 308+42.05 TO STA. 310+97.68)
4:1 (STA. 311+48.26)
(REFER TO PLANS FOR GUARDRAIL & 5' PAVED SHOULDER LOCATIONS)

SUPERELEVATION ATTAINMENT - PROPOSED BLUFF ROAD CURVE #3				
LEFT SIDE		PROPOSED STATION (LOOKING UPSTATION)	RIGHT SIDE	
LEFT SHOULDER CROSS SLOPE (% FROM C.L. TO THE LEFT)	LEFT LANE CROSS SLOPE (% FROM C.L. TO THE LEFT)		RIGHT LANE CROSS SLOPE (% FROM C.L. TO THE RIGHT)	RIGHT SHOULDER CROSS SLOPE (% FROM C.L. TO THE RIGHT)
-4.00%	-1.50%	320+50.25 319+70.33	-1.50%	-4.00%
0.00%	8.00%	310+95.13 TO 317+97.17	-8.00%	-8.00%
-4.00%	-1.50%	308+42.05 309+21.97	-1.50%	-4.00%



COUNTY HIGHWAY 6 (BLUFF ROAD)
PROPOSED TYPICAL SECTION
STA. 322+22.36 TO STA. 324+09.76

** REFER TO GENERAL NOTES FOR INFORMATION REGARDING AGGREGATE SUBSTITUTION FOR WIDENING WIDTHS < 6 FEET (WIDTH OF WIDENING DEPICTED ON CROSS SECTIONS).

P:\040125\Roadway Plans\DWG\COVER, NOTES, SCHEDULES, TYPICALS, & DETAILS.dwg 10/30/2007 1:42:30 PM CDT