

FIS 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

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-050202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

FINAL

Signature: _____
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.

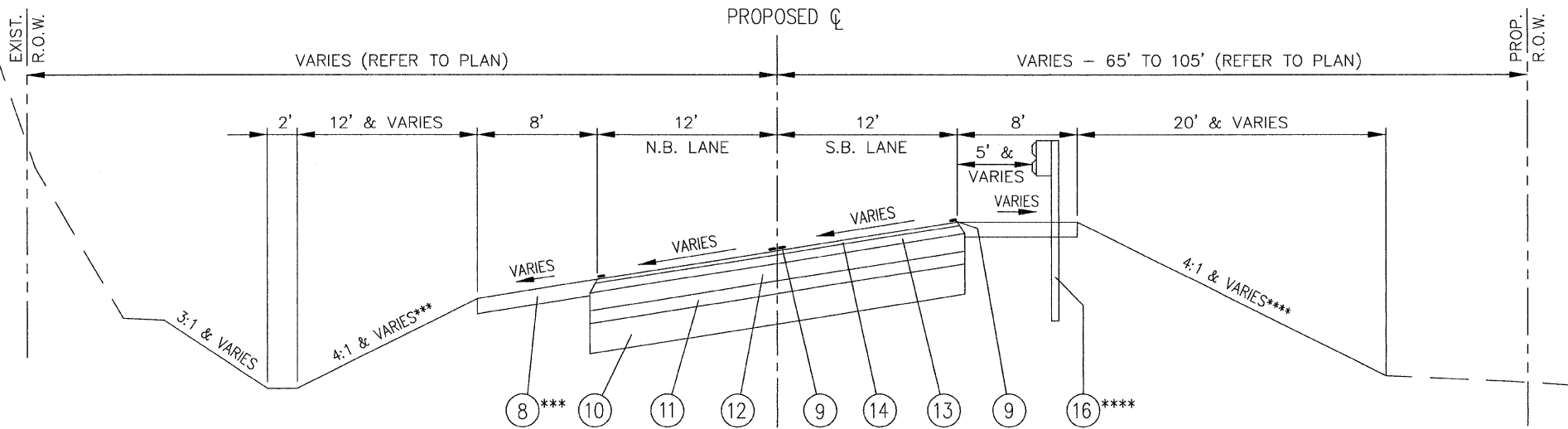
PROPOSED TYPICAL CROSS SECTIONS
BLUFF ROAD (CTY. HWY. 6)
BRIDGE REPLACEMENT
OVER FOUNTAIN CREEK
MONROE COUNTY, IL

REV.	DATE	DESCRIPTION

DRAWN BY: KBF/JWS	SHEET
DESIGNED BY: BJG	6
CHECKED BY: SJK	OF 67 SHEETS
APPROVED BY: SJK	PROJECT DESCRIPTION
PROJECT NUMBER: 116-040125	BLUFF RD. BRIDGE OVER FOUNTAIN CRK.
<input type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input checked="" type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

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)

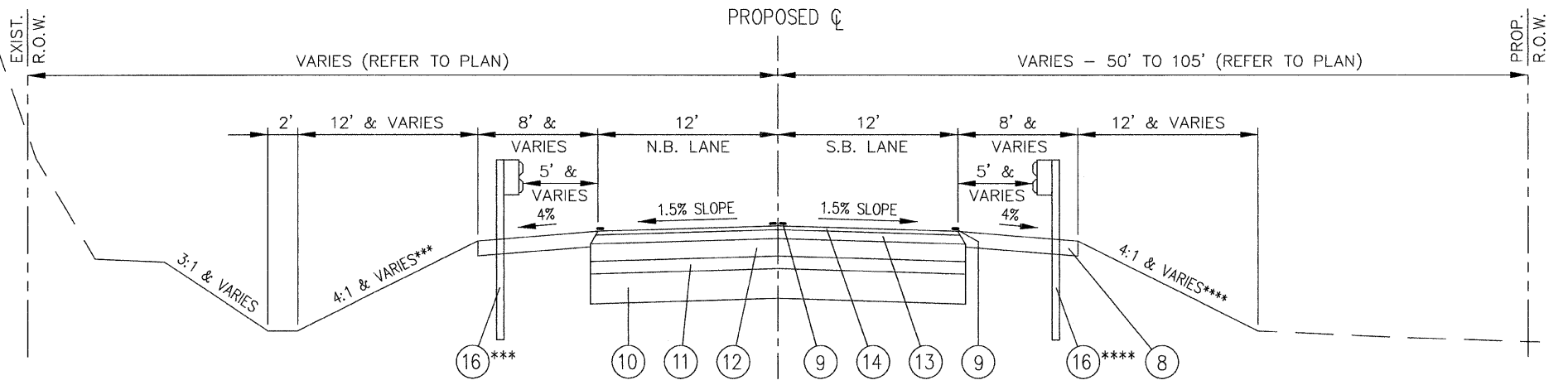


*** FORESLOPE SUMMARY (THIS SECTION - LEFT SIDE):
4:1 (ENTIRE LENGTH OF THIS SECTION)
(REFER TO PLANS FOR LOCATION OF 5' PAVED SHOULDER)

COUNTY HIGHWAY 6 (BLUFF ROAD)
PROPOSED TYPICAL SECTION - CURVE #2
STA. 294+38.15 TO STA. 306+77.93

**** FORESLOPE SUMMARY (THIS SECTION - RIGHT SIDE):
4:1 (STA. 303+60.24)
2:1 (STA. 304+09.42 TO STA. 305+45.72)
4:1 (STA. 305+95.56)
(REFER TO PLANS FOR GUARDRAIL & 5' PAVED SHOULDER LOCATIONS)

SUPERELEVATION ATTAINMENT - PROPOSED BLUFF ROAD CURVE #2				
LEFT SIDE		RIGHT SIDE		
LEFT SHOULDER CROSS SLOPE (% FROM C.L. TO THE LEFT)	LEFT LANE CROSS SLOPE (% FROM C.L. TO THE LEFT)	PROPOSED STATION (LOOKING UPSTATION)	RIGHT LANE CROSS SLOPE (% FROM C.L. TO THE RIGHT)	RIGHT SHOULDER CROSS SLOPE (% FROM C.L. TO THE RIGHT)
-4.00%	-1.50%	305+98.01 306+77.93	-1.50%	-4.00%
-8.00%	-8.00%	297+11.87 TO 304+24.85	8.00%	0.00%
-4.00%	0.00%	294+38.15	0.00%	-4.00%



*** FORESLOPE SUMMARY (THIS SECTION - LEFT SIDE):
2:1 (STA. 308+37.33 TO STA. 308+42.05)
(REFER TO PLANS FOR GUARDRAIL & 5' PAVED SHOULDER LOCATIONS)

COUNTY HIGHWAY 6 (BLUFF ROAD)
PROPOSED TYPICAL SECTION
BRIDGE (STA. 306+95.44 TO STA. 308+37.33)
STA. 308+37.33 TO STA. 308+42.05
STA. 320+50.25 TO STA. 322+22.36

**** FORESLOPE SUMMARY (THIS SECTION - RIGHT SIDE):
4:1 (STA. 303+60.24)
2:1 (STA. 304+09.42 TO STA. 305+45.72)
4:1 (STA. 305+95.56)
(REFER TO PLANS FOR GUARDRAIL & 5' PAVED SHOULDER LOCATIONS)

P:\040125\Roadway Plans\DMG\C00VER, NOTES, SCHEDULES, TYPICALS, & DETAILS.dwg 10/11/2007 12:53:28 PM CDT