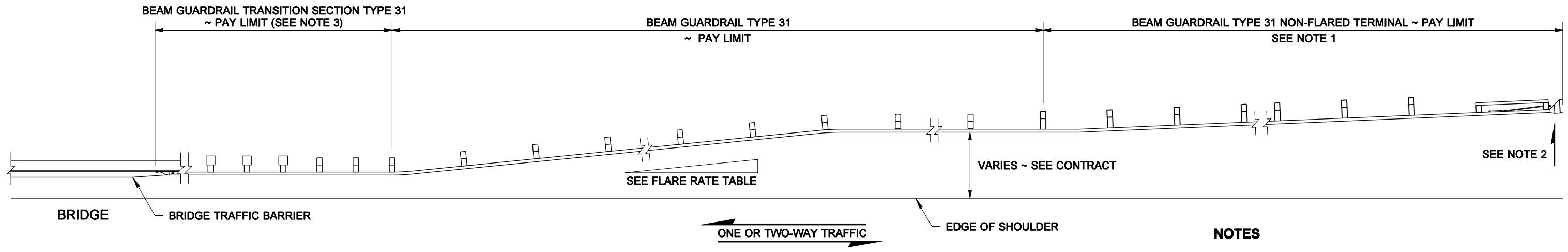


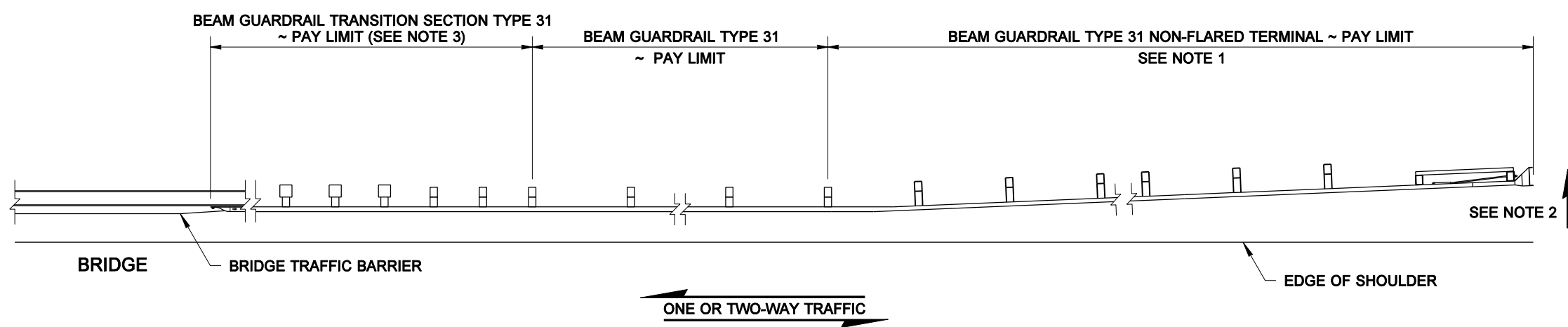
DRAWN BY: BILL BERENS



**CASE 4 - 31**

**NOTES**

1. For details, see **Standard Plan C-22.40**.
2. The slope from the edge of the shoulder into the face of the guardrail should not be steeper than 10H : 1V when the guardrail is within 12' - 0" from the edge of the shoulder.
3. See Contract for Beam Guardrail Transition Section type and Connection to Bridge Traffic Barrier or Concrete Barrier. See **Standard Plan C-5** for details.



**CASE 5 - 31**

FLARE RATE TABLE	
POSTED SPEED (MPH)	RATE
70	15 : 1
60	14 : 1
55	12 : 1
50	11 : 1
45	10 : 1
40 OR LESS	9 : 1



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL IT IS FILED WITH THE STATE OF WASHINGTON. THE ENGINEER HAS REVIEWED THE CONTRACT AND IS FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**BEAM GUARDRAIL TYPE 31  
PLACEMENT  
(CASES 4-31 & 5-31)  
STANDARD PLAN C-20.15-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION	
<b>Pasco Bakotich III</b>	<b>10-14-09</b>
STATE DESIGN ENGINEER	DATE
Washington State Department of Transportation	