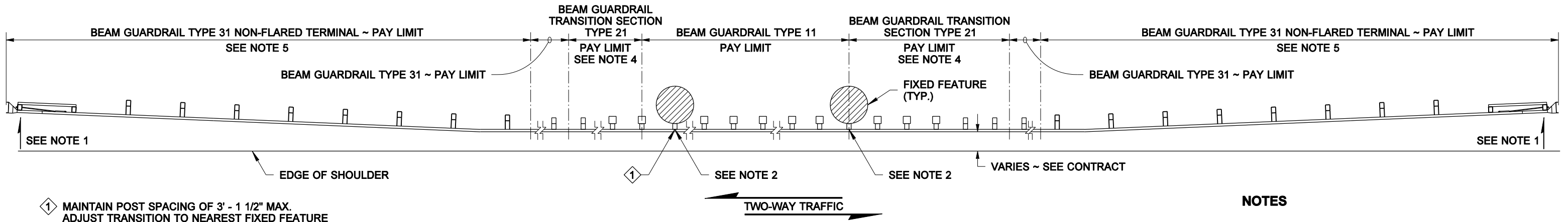
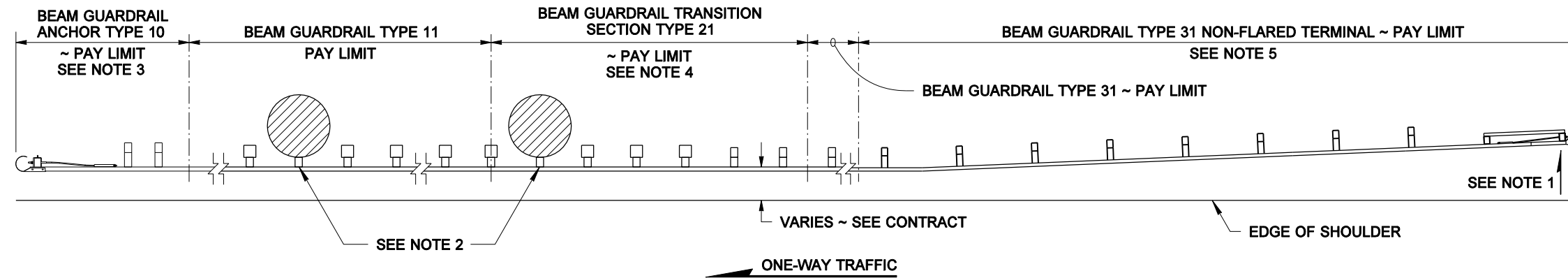


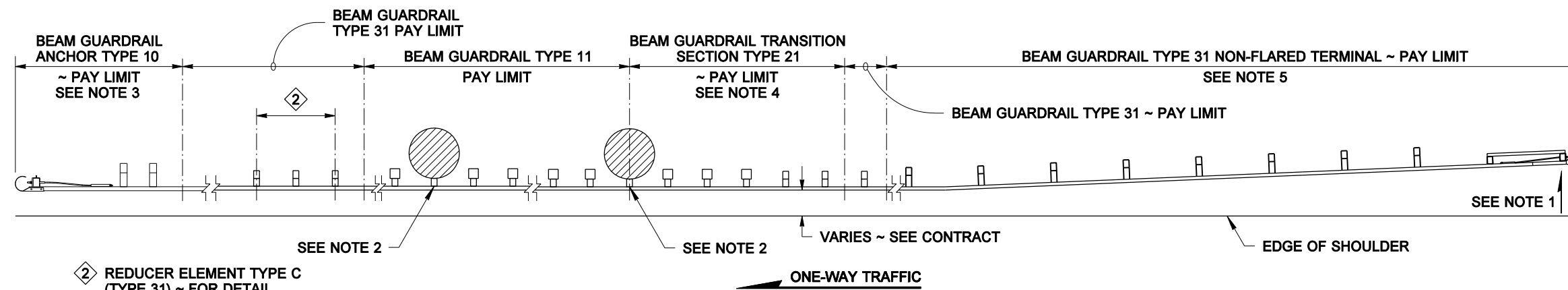
DRAWN BY: BILL BERENDS



CASE 11A-31



CASE 11B-31



CASE 11C-31

NOTES

1. The slope from the edge of the shoulder into the face of the guardrail should not exceed 10H : 1V when the guardrail is within 12' - 0" from the edge of the shoulder.
2. Attach the standard wood block to the rail using two 5/8" x 4" lag bolts.
3. Beam Guardrail Anchor Type 10 (W-Beam) or Type 10 (Thrie Beam) required. For details, see **Standard Plan C-23.60**.
4. For details, see **Standard Plan C-25.20**.
5. For details, see **Standard Plan C-22.40**.

1 MAINTAIN POST SPACING OF 3' - 1 1/2" MAX. ADJUST TRANSITION TO NEAREST FIXED FEATURE

2 REDUCER ELEMENT TYPE C (TYPE 31) ~ FOR DETAIL SEE **STD. PLAN C-25.20**



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL IT IS APPROVED AND SEALED BY THE ENGINEER. THE ENGINEER MUST PROVIDE HIS OR HER SIGNATURE AND SEAL TO THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

BEAM GUARDRAIL TYPE 31 PLACEMENT (CASES 11A-31, 11B-31 & 11C-31)

STANDARD PLAN C-20.19-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Pasco Bakotich III 10-14-09

STATE DESIGN ENGINEER DATE

