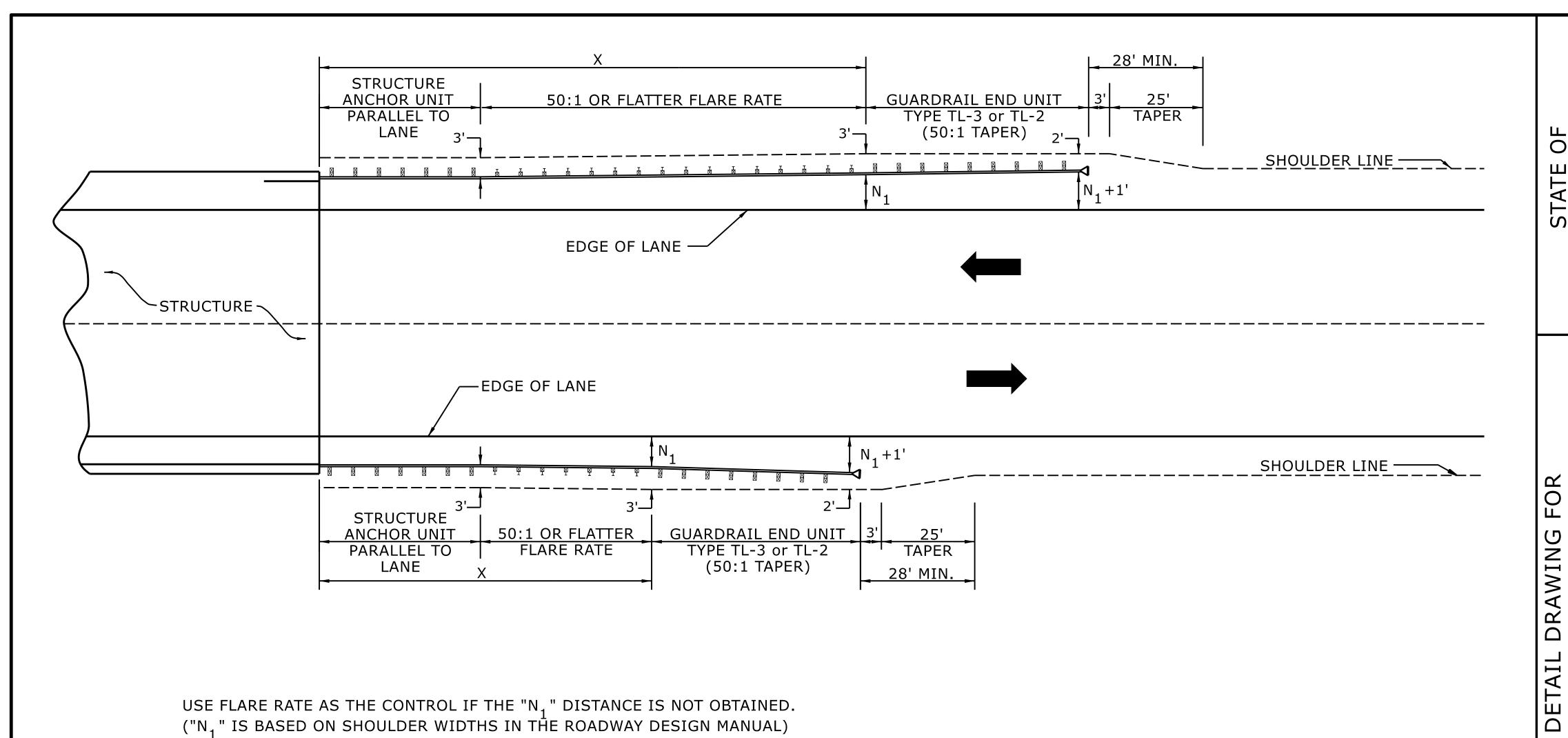
PROJECT REFERENCE NO SHEET NO. 2C-3 BR-0100



LENGTHS AND OFFSETS FOR PROPOSED GUARDRAIL AT TWO LANE - TWO WAY LOCATIONS

USE FLARE RATE AS THE CONTROL IF THE "N<sub>1</sub>" DISTANCE IS NOT OBTAINED. ("N<sub>1</sub>" IS BASED ON SHOULDER WIDTHS IN THE ROADWAY DESIGN MANUAL)

SEE STD. 862.03 FOR STRUCTURE ANCHOR UNITS

FOR POSTED SPEEDS ≥ 45MPH USE GREU TYPE TL-3 FOR POSTED SPEEDS < 45MPH USE GREU TYPE TL-2

GUARDRAIL LENGTH OF NEED (X) IS CALCULATED BASED ON THE AASHTO ROADSIDE DESIGN GUIDE.

SHEET 4 OF 15

862D01

CONTRACTS STANDARDS AND DEVELOPMENT UNIT Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

\_\_\_ DATE: <u>7-25-2024</u> \_\_\_ DATE: \_\_\_ \_\_ DATE: \_\_\_ ORIGINAL BY: S.CALHOUN MODIFIED BY: CHECKED BY: \_ FILE SPEC.:

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