



GUARDRAIL SUMMARY

| SURVEY LINE | BEG. STA. | END STA. | LOCATION | LENGTH | | | WARRANT POINT | | "N" DIST. FROM E.O.L. | TOTAL SHOUL. WIDTH | ANCHORS | | | | | | | | | | REMARKS |
|-------------|-----------|----------|---------------------------------|----------|-------------|--------------|---------------|--------------|-----------------------|--------------------|---------|-----------|----|-------|------|-------|--------|-----|------|--|---------------------------|
| | | | | STRAIGHT | SHOP CURVED | DOUBLE FACED | APPROACH END | TRAILING END | | | B-77 | GREU TL-3 | XI | M-350 | XIII | CAT-1 | VI MOD | BIC | AT-1 | | |
| -L- | 15+77.87 | 16+37.89 | LT | 60.375 | | | 15+77.87 | | 5 | 8 | 1 | | | | | | | | | | TIE TO EXISTING GUARDRAIL |
| -L- | 15+77.87 | 16+13.24 | RT | 35.375 | | | | 15+77.87 | 4 | 7 | 1 | | | | | | | | | | TIE TO EXISTING GUARDRAIL |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | SUBTOTAL: | 95.75 | | | | | | | 2 | | | | | | | | | | |
| | | | ANCHOR UNIT DEDUCTIONS | | | | | | | | | | | | | | | | | | |
| | | B-77 | 2 @ 22.875' EACH | -45.75 | | | | | | | | | | | | | | | | | |
| | | | TOTALS: | 50 | | | | | | | 2 | | | | | | | | | | |
| | | | SAY: | 50 | | | | | | | 2 | | | | | | | | | | |
| | | | ADDITIONAL GUARDRAIL POSTS (EA) | 5 | | | | | | | | | | | | | | | | | |

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.
W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.
G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

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NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
HAYWOOD COUNTY

ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER

11/17/2025

DOCUMENT NOT CONSIDERED FINAL
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