117GPT3 4/22/2025 c:\pwworking\east01\d0418876\R-4463A Guardrail Summary.xls
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| COMPUTED BY: | ADS | DATE: | 6/3/2024 |
| CHECKED BY: | JCB | DATE: | 6/3/2024 |

# DIVISION OF HIGHWAYS
# STATE OF NORTH CAROLINA

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| R-4463A | 3B-1 |

"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

# *GUARDRAIL SUMMARY*

G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

| SURVEY LINE | BEG. STA. | END STA. | LOCATION | LENGTH | | | WARRANT POINT | | "N" DIST. FROM E.O.L. | TOTAL SHOUL WIDTH | FLARE LENGTH | | W | | ANCHORS | | | | | | | | | IMPACT ATTENUATOR TYPE 350 | | SINGLE FACED CONCRETE BARRIER | REMOVE EXISTING GUARDRAIL | 25' CLEAR SPAN GUARDRAIL SECTIONS | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | STRAIGHT | SHOP CURVED | DOUBLE FACED | APPROACH END | TRAILING END | | | APPROACH END | TRAILING END | APPROACH END | TRAILING END | XI MOD | XI | GREU TL-3 | GREU TL-2 | AT-1 | CAT-1 | VI MOD | TES | TYPE III | G | NG | | | | |
| L | 131+45.00 | 131+95.00 | RT | 50.00 | | | | | 10 | 13 | 50 | | 1 | | | | 1 | | | | | | | | | | 50 | | |
| L | 134+11.00 | 134+61.00 | RT | 50.00 | | | | | 10 | 13 | 50 | | 1 | | | | 1 | | | | | | | | | | 50 | | |
| L | 134+27.25 | 134+77.25 | LT | 50.00 | | | | | 10 | 13 | | 50 | | 1 | | | 1 | | | | | | | | | | 50 | | |
| L | 134+36.50 | 134+86.50 | LT | 50.00 | | | | | 10 | 13 | | 50 | | 1 | | | 1 | | | | | | | | | | 50 | | |
| Loop | | | LT | 56.25 | | | | | | | 50 | | 1 | 1 | | | 1 | | | 1 | | | | | | | 100 | | |
| Y | 33+67.00 | 36+54.50 | RT | 287.50 | | | 34+92.00 | 36+54.50 | 10 | 13 | 50 | | 1 | | | | 1 | | | 1 | | | | | | | | | |
| Y | 40+58.25 | 43+77.00 | RT | 318.75 | | | 41+83.25 | 43+77.00 | 10 | 13 | 50 | | 1 | | | | 1 | | | 1 | | | | | | | | 1 | |
| Y | 43+29.50 | 46+42.00 | LT | 312.50 | | | 45+17.00 | 43+29.50 | 10 | 13 | 50 | | 1 | | | | 1 | | | 1 | | | | | | | | 1 | |
| | | | TOTALS | 1175.00 | | | | | | | | | | | | | 8 | | | 4 | | | | | | | 300 | 2 | |
| | | | DEDUCTIONS FOR ANCHOR UNITS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | GREU TL-3 | 8 | 50 | -400 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | CAT-1 | 4 | 6.25 | -25 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | TYPE III | 0 | 22.875 | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | AT-1 | 0 | 6.25 | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 25' CLEAR SPAN | 2 | 25 | -50 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | GRAND TOTAL | | | 700.00 | | | | | | | | | | | 8 | | | 4 | | | | | | | 300 | 2 | |
| | | | SAY | | | 700.00 | | | | | | | | | | | | | | | | | | | | | | | 5 EACH ADDITIONAL GUARDRAIL POSTS |
| | | | TEMPORARY GUARDRAIL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | 11+11.00 | 19+50.00 | LT | 900.00 | 50 | | 11+11.00 | 19+50.00 | 13 | 16 | | 25 | 1 | 1 | | | | 2 | | | | | | | | | | | |
| Y | 31+45.00 | 34+26.25 | LT | 281.25 | | | 31+45.00 | 34+26.25 | 13 | 16 | 50 | | 1 | | | | 1 | | | | | | | | | | | | |
| | | | TOTALS | 1181.25 | 50.00 | | | | | | | | | | | | 1 | 2 | | | | | | | | | | | |
| | | | DEDUCTIONS FOR ANCHOR UNITS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | GREU TL-3 | 1 | 50 | -50 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | GREU TL-2 | 2 | 25 | -50 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | GRAND TOTAL | | | 1081.25 | 50.00 | | | | | | | | | | 1 | 2 | | | | | | | | | | | |
| | | | SAY | | | 1100.00 | 50.00 | | | | | | | | | | | | | | | | | | | | | | 5 EACH ADDITIONAL TEMPORARY GUARDRAIL POSTS |

NOTE: GUARDRAIL AND REMOVAL LENGTHS ARE IN LINEAR FEET UNLESS OTHERWISE NOTED.