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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-5738 | 3B-2 |

"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

## *GUARDRAIL SUMMARY*

| 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 GUARDRAIL | REMOVE EXISTING GUARDRAIL | REMOVE AND STOCKPILE EXISTING GUARDRAIL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | STRAIGHT | SHOP CURVED | DOUBLE FACED | APPROACH END | TRAILING END | | | APPROACH END | TRAILING END | APPROACH END | TRAILING END | GREU TL-3 | CAT-1 | TYPE III | AT-1 | | | | | | EA | G | NG | | | | |
| -L- | 21+98.53 | 26+00.12 | LT. | 375.00 | 50.00 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| -L- | 28+58.83 | 32+25.63 | LT. | 381.25 | 50.00 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | |
| -L-/-Y1- | 31+26.66 | 11+34.00 | RT./RT. | 118.75 | 50.00 | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | |
| -Y1- /-L- | 11+53.00 | 41+68.00 | LT./RT. | 925.00 | 50.00 | | 35+00.00 | 41+50.00 | 14' | 21' | 50' | | 1' | | 1 | 1 | | | | | | | | | | | | | | |
| -L- | 39+62.00 | 43+87.00 | LT. | 425.00 | | | 41+50.00 | 40+00.00 | 14' | 21' | 50' | | 1' | | 1 | 1 | | | | | | | | | | | | | | |
| -L- | 69+17.62 | 69+92.62 | LT. | 75.00 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| -L- | 68+09.82 | 70+34.82 | RT. | 225.00 | | | 70+34.82 | | 7.5' | 21' | | | | | 1 | | 1 | | | | | | | | | | | | | |
| -L- | 71+07.62 | 73+45.12 | LT. | 237.50 | | | 71+07.62 | | 7.5' | 21' | | | | | 1 | | 1 | | | | | | | | | | | | | |
| -L- | 71+49.82 | 72+24.82 | RT. | 75.00 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| -Y1- | 11+82.34 | 18+49.50 | LT. | 668.75 | 50.00 | | | | | | | | | | 1 | | | 1 | | | | | | | | | | | | |
| -L- | 21+96.33 | 26+00.12 | LT. | | | | | | | | | | | | | | | | | | | | | | | | | 425.69 | | GUARDRAIL REMOVAL |
| -L- | 28+58.83 | 32+20.63 | LT. | | | | | | | | | | | | | | | | | | | | | | | | | 400.59 | | GUARDRAIL REMOVAL |
| -L- /-Y1- | 31+39.57 | 11+34.28 | RT./RT. | | | | | | | | | | | | | | | | | | | | | | | | | 153.23 | | GUARDRAIL REMOVAL |
| -Y1- /-L- | 11+62.68 | 37+31.03 | LT./RT. | | | | | | | | | | | | | | | | | | | | | | | | | 554.15 | | GUARDRAIL REMOVAL |
| -L- | 39+01.27 | 43+20.77 | LT. | | | | | | | | | | | | | | | | | | | | | | | | | 420.08 | | GUARDRAIL REMOVAL |
| -L- | 38+17.43 | 42+51.91 | RT. | | | | | | | | | | | | | | | | | | | | | | | | | 434.48 | | GUARDRAIL REMOVAL |
| -Y1- | 11+82.37 | 18+49.50 | LT. | | | | | | | | | | | | | | | | | | | | | | | | | 705.74 | | GUARDRAIL REMOVAL |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | TOTALS | 3,506.25 | 250.00 | | | | | | | | | | 7 | 5 | 6 | 2 | | | | | | | | | | 3,093.96 | | |
| | | LESS DEDUCTION FOR ANCHORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | GREU TL-3 7 @ 50' = | | -350 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | CAT-1 5 @ 6.25' = | | -31.25 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TYPE III 6 @ 18.75' = | | -112.50 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TYPE AT-1 2 @ 6.25' = | | -12.50 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | PROJECT TOTALS | 3,000.00 | 250.00 | | | | | | | | | | 7 | 5 | 6 | 2 | | | | | | | | | | 3,093.96 | | |
| ADDITIONAL GUARDRAIL POSTS = 20 EA. | | | SAY | 3,050.00 | 250.00 | | | | | | | | | | 7 | 5 | 6 | 2 | | | | | | | | | | 3,100.00 | | |

## *ASPHALT PAVEMENT REMOVAL SUMMARY*

| SURVEY LINE | STATION | STATION | LOCATION LT/RT/CL | SQUARE YARDS |
|---|---|---|---|---|
| -L- /-Y2- | 34+42.21 | 13+70.00 | RT./RT. | 713.73 |
| -L- | 37+30.00 | 43+05.00 | MED. | 1,074.68 |
| -Y2- /-L- | 13+65.96 | 51+97.23 | LT./RT. | 263.46 |
| -L- /-Y4- | 61+76.36 | 11+01.92 | RT./RT. | 297.17 |
| -Y4- /-L- | 10+63.92 | 73+75.00 | LT./RT. | 3,120.12 |
| -L- | 73+91.20 | 75+49.12 | RT. | 214.78 |
| -L- | 75+72.78 | 76+81.81 | RT. | 71.54 |
| -Y2- | 11+50.00 | 12+50.28 | LT./RT. | 479.08 |
| -Y5- | 11+15.00 | 12+16.07 | LT./RT. | 388.88 |
| | | | | |
| | | | TOTAL | 6,623.44 |
| | | | SAY | 6,700 |

## *WOVEN WIRE FENCE, 47" FABRIC*

| SURVEY LINE | STATION TO STATION | LOC. LT/RT | 47" FABRIC LF | 4" POSTS | 5" POSTS | SINGLE SWING 12' GATE |
|---|---|---|---|---|---|---|
| -L- | 34+54.00 TO 36+41.41 | LT | 186.18 | 11 | 5 | |
| -L- | 41+64.59 TO 44+54.21 | LT | 613.10 | 33 | 20 | |
| -Y2- | 10+90 | RT | | | | 1 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | TOTALS | | 799.28 | 44 | 25 | 1 |
| | SAY | | 800.00 | 44 | 25 | 1 |

12/06/07

11/15/2021
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