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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. R-5751
SHEET NO. 3B-1

SUMMARY OF EARTHWORK
(IN CUBIC YARDS)

Table with columns: STATION, UNCL. EXCAV., UNDERCUT, EMBANK. +%, BORROW, WASTE. Includes subtotals and project totals for various earthwork items.

EST. DDE = 200 CY

EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGN UNIT. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING SUBCONSULTANT.

APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, FINE GRADING, CLEARING AND GRUBBING AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE LUMP SUM PRICE FOR "GRADING".

"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

SUMMARY OF ASPHALT PAVEMENT REMOVAL

Table with columns: SURVEY LINE, STATION, STATION, LOCATION LT/RT/CL, YD'. Lists asphalt pavement removal quantities for various survey lines.

SHOULDER BERM GUTTER SUMMARY

Table with columns: SURVEY LINE, STATION, STATION, LENGTH (LF). Summarizes shoulder berm gutter work.

CABLE GUIDERAIL SUMMARY

Table with columns: SURVEY LINE, STATION, STATION, LENGTH, END ANCHOR UNIT, INTERMEDIATE ANCHOR UNIT, REMOVE EXISTING GUIDERAIL, COMMENTS. Summarizes cable guiderail work.

SUMMARY OF 47" FABRIC WOVEN WIRE FENCE

Table with columns: SURVEY LINE, STATION, STATION, LOCATION LTRT, FABRIC (LF), END BRACE, CORNER BRACE, LINE BRACE, 4" POSTS, 5" POSTS. Summarizes 47" fabric woven wire fence work.

16" ENCASEMENT PIPE SUMMARY

Table with columns: SURVEY LINE, STATION, LOCATION LTRT, LENGTH (LF). Summarizes 16" encasement pipe work.

GUARDRAIL SUMMARY

Large table with columns: SURVEY LINE, BEG. STA., END STA., LOCATION, LENGTH (LF), WARRANT POINT, TOTAL SHOUL. WIDTH, FLARE LENGTH, W, ANCHORS, IMPACT ATTENUATOR TYPE TL-3, SINGLE FACED GUARDRAIL, REMOVE EXISTING GUARDRAIL, REMOVE AND STOCKPILE EXISTING GUARDRAIL, REMARKS. Detailed summary of guardrail work.

ANCHOR DEDUCTION
GREU TL-3: 9 @ 50' = 450.00'
CAT-1: 6 @ 6.25' = 37.50'
B-77: 12 @ 22.875' = 275.00'
GRAND TOTAL = 762.00'
ADDITIONAL GUARDRAIL POSTS = 15 EA.

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