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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO.
B-5114 3B-1

SUMMARY OF EARTHWORK

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

SHALLOW UNDERCUT EXCAVATION (CONTINGENCY) = 500 CY
SELECT GRANULAR MATERIAL (CONTINGENCY) = 600 CY
GEOTEXTILE FOR SOIL STABILIZATION (CONTINGENCY) = 2100 SY
CLASS IV SUBGRADE STABILIZATION (CONTINGENCY) = 1000 TON
DRAINAGE DITCH EXCAVATION = 75 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 Unit.

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, Breaking of Existing Pavement, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

SHOULDER BERM GUTTER SUMMARY

Table with columns: SURVEY LINE, STATION, STATION, LENGTH (LF). Includes a total of 203.40 LF and a note of 210.00.

EXPRESSWAY GUTTER SUMMARY

Table with columns: SURVEY LINE, STATION, STATION, LENGTH (LF). Includes a total of 398.52 LF and a note of 400.00.

SUMMARY OF BREAKING EXISTING ASPHALT PAVEMENT

Table with columns: SURVEY LINE, STATION, STATION, LOCATION LT/RT/CL, SY. Includes a total of 1077.98 SY and a note of 1080.

PAVEMENT REMOVAL SUMMARY

Table with columns: SURVEY LINE, STATION, STATION, LOCATION LT/RT/CL, SY. Includes a total of 7930.22 SY and a note of 7940.

GUARDRAIL SUMMARY

"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

Main guardrail summary table with columns: SURVEY LINE, BEG. STA., END STA., LOCATION, LENGTH (STRAIGHT, SHOP CURVED, DOUBLE FACED), WARRANT POINT (APPROACH END, TRAILING END), "N" DIST. FROM E.O.L., TOTAL SHOUL. WIDTH, FLARE LENGTH (APPROACH END, TRAILING END), W (APPROACH END, TRAILING END), ANCHORS (TYPE III, GRAU TYPE TL-2, AT-1, GRAU TYPE TL-3, CAT-1, TYPE B-77, TEMP. GRAU TYPE TL-3), IMPACT ATTENUATOR TYPE 350 (EA, G, NG), SINGLE FACED CONCRETE BARRIER, REMOVE EXISTING GUARDRAIL, REMARKS.