

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK
IN CUBIC YARDS

Table with 5 columns: LOCATION, UNCLASSIFIED EXCAVATION, EMBT+%, BORROW, WASTE. Rows include excavation details for locations -L, -Y1, -Y2, -Y3 and subtotals.

Table with 5 columns: LOCATION, UNCLASSIFIED EXCAVATION, EMBT+%, BORROW, WASTE. Rows include excavation details for locations -Y3 and subtotals, ending with GRAND TOTAL and SAY.

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, and Removal of Existing Pavement will be paid for at contract lump sum price for "Grading".

PAVEMENT REMOVAL SUMMARY

Table with 5 columns: SURVEY LINE, STATION, STATION, LOCATION L/R/CL, YD². Lists pavement removal quantities for various survey lines and stations.

MODIFIED SHOULDER BERM GUTTER SUMMARY

Table with 4 columns: SURVEY LINE, STATION, STATION, LENGTH. Lists modified shoulder berm gutter lengths for various survey lines.

"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

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

GUARDRAIL SUMMARY

Large summary table with columns for SURVEY LINE, BEG. STA., END STA., LOCATION, LENGTH, WARRANT POINT, TOTAL SHOULDER WIDTH, FLARE LENGTH, W, ANCHORS, IMPACT ATTENUATOR, SINGLE FACED GUARDRAIL, REMOVE EXISTING GUARDRAIL, REMOVE AND STOCKPILE EXISTING GUARDRAIL, and REMARKS.

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