

6/21/00

COMPUTED BY: EAR DATE: 03/24/17
CHECKED BY: JWJ DATE: 03/31/17

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO.
B-4964 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.
G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

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 (GREU TL-3, TYPE III, GREU TL-2), IMPACT ATTENUATOR TYPE 350 (EA, G, NG), SINGLE FACED GUARDRAIL, REMOVE EXISTING GUARDRAIL, REMOVE AND STOCKPILE EXISTING GUARDRAIL, REMARKS.

REMOVAL OF ASPHALT PAVEMENT

Table with columns: SURVEY LINE, STATION, STATION, LOCATION LT/RT/CL, SQUARE YARDS. Includes rows for stations 12+00.00 to 17+93.62 and 19+33.23 to 25+00.00.

SUMMARY OF EARTHWORK
IN CUBIC YARDS

Table with columns: STATION, STATION, UNCL. EXCAV., UNDERCUT, EMBANK. +%, BORROW, WASTE. Includes sub-totals and grand totals for excavation, undercuts, and borrow.

SHOULDER BERM GUTTER SUMMARY

Table with columns: SURVEY LINE, STATION, STATION, LOCATION LT/RT/CL, LINEAR FEET. Includes rows for stations 17+50.00 to 18+10.40 and 17+46.00 to 18+10.40.

*NOTE: The excavated material may be used in embankment, but not in the top 3 ft. at the discretion of the Engineer.

Earthwork quantities are calculated by JMT Roadway Design. 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 the lump sum price for "Grading."

7/5/2017 10:49:64_rdy_sum.dgn