

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

NOTE: Earthwork quantities are calculated by the
roadway designer. These quantities are
based in part on subsurface data provided
by the geotechnical engineer.

SUMMARY OF EARTHWORK
IN CUBIC YARDS

Table with columns: STATION, UNCL. EXCAV., ROCK, EMBANK. +%, BORROW, WASTE. Includes subtotals for -LDET-, 10+40, 17+95, and GRAND TOTALS.

DDE = 160 CY
SHOULDER BORROW = 620 CY
PAVEMENT STRUCTURE VOLUME
-L- = 1264 CY
-LDET- = 663 CY
CONTINGENCY ITEMS
UNDERCUT EXCAVATION = 900 CY
SELECT GRANULAR MATERIAL = 500 CY
SHALLOW UNDERCUT = 200 CY
GEOTEXTILE FOR SUBGRADE STABILIZATION = 600 SY
CLASS IV SUBGRADE STABILIZATION = 400 TONS
6" PERFORATED SUBDRAIN PIPE = 200 LF
ROCK EXCAVATION = 1000 CY

SUMMARY OF BREAKING
EXISTING ASPHALT PAVEMENT

Table with columns: SURVEY LINE, STATION, LOCATION LY/RT/CL, SY. Includes rows for -L- at stations 15+70 and 18+50, and a TOTAL of 979.12.

SUMMARY OF REMOVAL
EXISTING ASPHALT PAVEMENT

Table with columns: SURVEY LINE, STATION, LOCATION LY/RT/CL, SY. Includes rows for -LDET- at stations 11+00, 17+95, 18+50, 21+34, and a TOTAL of 2,802.19.

SHOULDER BERM GUTTER SUMMARY

Table with columns: SURVEY LINE, STATION, LENGTH. Includes rows for -LDET- LT, -LDET- RT, -L- LT, -L- RT, and a TOTAL of 111.0 LF.

"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

Large table with columns: SURVEY LINE, BEG. STA., END STA., LOCATION, LENGTH, WARRANT POINT, FLARE LENGTH, W, ANCHORS, IMPACT ATTENUATOR TYPE 350, SINGLE FACED GUARDRAIL, REMOVE EXISTING GUARDRAIL, REMOVE AND STOCKPILE EXISTING GUARDRAIL, REMARKS.

TEMPORARY GUARDRAIL SUMMARY

Table with columns: SURVEY LINE, BEG. STA., END STA., LOCATION, LENGTH, WARRANT POINT, FLARE LENGTH, W, ANCHORS, IMPACT ATTENUATOR TYPE 350, SINGLE FACED GUARDRAIL, REMOVE EXISTING GUARDRAIL, REMOVE AND STOCKPILE EXISTING GUARDRAIL, REMARKS.