

COMPUTED BY: JAR DATE: 03/08/2024
CHECKED BY: JCH DATE: 03/08/2024

PROJECT REFERENCE NO. HB-0002 SHEET NO. 3B-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK IN CUBIC YARDS. Table with columns: BEGIN STATION, END STATION, TOTAL UNCLASS., UNDERCUT, EMBANK. +%, BORROW, WASTE. Includes sub-totals for PHASE 1, 2, 3, 4, and 5, and a GRAND TOTAL.

NOTE: 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.
PAVEMENT STRUCTURE VOLUME = 16,441 CUBIC YARDS
EST. DDE = 1,550 CUBIC YARDS
EST. SHALLOW UNDERCUT = 100 CUBIC YARDS
EST. SHALLOW UNDERCUT BY STATIONS = 0 CUBIC YARDS
TOTAL SHALLOW UNDERCUT = 100 CUBIC YARDS
CLASS IV SUBGRADE STABILIZATION = 200 TONS
PER GEOTECH RECOMMENDATION, EST. 450 CY OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.

SUMMARY OF WOVEN WIRE FENCE. 47" FABRIC. Table with columns: SURVEY LINE, BEGIN STATION, END STATION, LT. OR RT., FABRIC (LF), END BRACE, CORNER BRACE, LINE BRACE, 4" POSTS, 5" POSTS. Includes formulas for E and F.

SUMMARY OF BREAKING EXISTING ASPHALT PAVEMENT. Table with columns: LINE, STATION, STATION, LOCATION, LENGTH (FT) OR AREA (SF), WIDTH (FT), AREA (SY). Includes a TOTAL row.

SUMMARY OF REMOVAL EXISTING ASPHALT PAVEMENT. Table with columns: LINE, STATION, STATION, LOCATION, LENGTH (FT) OR AREA (SF), WIDTH (FT), AREA (SY). Includes a TOTAL row.

SUMMARY OF CONCRETE BARRIER. Table with columns: LINE, BEGIN STATION, END STATION, LOCATION, SINGLE SLOPE CONCRETE BARRIER (2'-7" Max. Bifurcation) (LF), SINGLE SLOPE CONCRETE BARRIER (2'-7" THRU 6'-0" Bifurcation) (LF), PRECAST REINFORCED CONCRETE BARRIER (STD 857.01) (FT), *CONC. BARRIER TRANSITION SECTION (EA). Includes a TOTAL row and a note: * Transition from Existing Barrier to Single Slope Concrete Barrier, See Detail Sheet 2C-3.

SUMMARY OF SHOULDER BERM GUTTER. Table with columns: LINE, LOCATION, BEGIN STATION, END STATION, LENGTH (FT). Includes a TOTAL row.

SUMMARY OF GUARDRAIL

Large table for GUARDRAIL summary with columns: SURVEY LINE, BEGIN STATION, END STATION, LOCATION, LENGTH (STRAIGHT, SHOP CURVED, DOUBLE FACED), WARRANT POINT (APPROACH END, TRAILING END), "N" DIST. FROM E.O.L., TOTAL SHLD. WIDTH, FLARE LENGTH (APPROACH END, TRAILING END), W (APPROACH END, TRAILING END), ANCHORS (Type III, Type B-77, GREU TL-3, CAT-1, AT-1), IMPACT ATTENUATOR MASH, TL-3 (PERMITTED G, NG), 25' CLEAR SPAN GUARDRAIL SECTIONS (STD. 862.01) (SHT 10 OF 15), REMOVE EXISTING GUARDRAIL, REMOVE & RESET EXISTING GUARDRAIL, REMARKS. Includes a TOTAL row and ANCHOR UNIT DEDUCTIONS section.