

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SUMMARY OF QUANTITIES

Main summary table with columns for Station, Location, Structure No., Top Invert Elevation, Invert Elevation, Slope Critical, Pipe Size (12" to 48"), Pipe Material (R.C.P., C.S.P.), Endwalls, Frame and Hood, Type of Grate, and Remarks.

*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

Guardrail summary table with columns for Survey Line, Beg. Sta., End Sta., Location, Length (Straight, Shop Curved, Double Faced), Warrant Point (Approach, Trailing), Flare Length, W, Anchors, Impact Attenuator, and Remarks.

RIGHT OF WAY AREA DATA

SUMMARY OF SHOULDER BERM GUTTER

Right of Way Area Data table with columns for Parcel No., Property Owners Names, Total Acreage, Area Taken, Area Remaining RT, Area Remaining LT, Const. Ease, Perm. Drain. Ease, Temp. Drain. Ease, Line, L/RT, Station to Station, and FT.

*SUMMARY OF EARTHWORK IN CUBIC YARDS

Summary of Earthwork table with columns for Location, Unclassified Excavation, Undercut, Embt + %, Borrow, and Waste.

*PAVEMENT REMOVAL IN SQUARE YARDS

Pavement Removal table with columns for Line, L/RT, Station to Station, and Sq. Yds.

* APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, SHOULDER BORROW, CLEARING AND GRUBBING, REMOVAL OF EXISTING PAVEMENT, AND BREAKUP OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING".

Plans Prepared By: RUMMEL KLEPPER & KAHL, LLP consulting engineers
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FOR STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

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