STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

## GUARDRAIL SUMMARY

| SURVEY LINE | BEG. STATION | END STATION | LOCATION | LENGTH | | ANCHORS (MASH APPROVED) | | | RELAP GUARDRAIL | REMOVE EXISTING GUARDRAIL | TEMPORARY GUARDRAIL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | STRAIGHT | SHOP CURVED | GREU, TL-3 | CAT-1 | B-77 | | | | |
| RPB1 | 04+48 | 06+62 | RT | 225 | | 1 | | | | 225 | | REMOVE & REPLACE TIE INTO EXISTING |
| RPD1 | 03+73 | 06+74 | RT | 308 | | 1 | | | | 308 | | REMOVE & REPLACE TIE INTO EXISTING |
| RPAB2, RPB2 | 26+08 | 39+74 | RT | 1414 | | | | | | 1414 | | REMOVE & REPLACE TIE INTO EXISTING |
| L2 | 321+41 | 322+96 | RT | 155 | | | | | | 155 | | REMOVE & REPLACE TIE INTO EXISTING |
| RPC2, RPAB2 | 23+41 | 12+28 | RT | 230 | | | | | | 230 | | REMOVE & REPLACE TIE INTO EXISTING |
| RPC2 | 12+00 | 20+00 | RT | 150* | | | | | | 150* | | REMOVE & REPLACE TIE INTO EXISTING |
| RPA1 | 9+00 | 12+00 | RT | 100* | | | | | | 100* | | REMOVE & REPLACE TIE INTO EXISTING |
| | | | SUBTOTAL | 2,582 | | 2 | | | | 2,582 | | |
| | ANCHOR DEDUCTIONS | | GREU, TL-3 (2 x 50.0') | -100.00 | | | | | | | | |
| | | | CAT-1 (0 x 6.25') | 0 | | | | | | | | |
| | | | B-77 (0 x 22.875') | 0 | | | | | | | | |
| | | | | | | | | | | | | |
| | | | TOTAL | 2,482.00 | | 2 | | | | 2,582 | | |
| | | | | | | | | | | | | |
| | | | SAY | 2,500 | | 2 | | | | 2,600 | | |

CONTINGENCY ITEM - ADDITIONAL GUARDRAIL POSTS = 20 EA

* AS NEEDED FOR WASHOUT REPAIR AREAS - ESTIMATED 50 LF PER AREA

## SUMMARY OF SHOULDER BERM GUTTER

| LINE | STA TO STA | LOCATION | LINEAR FT |
|---|---|---|---|
| -RPA1- | 11+40 TO 11+50 | RT | 10 |
| -RPA1- | 9+80 TO 9+90 | RT | 10 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | TOTAL | 20 |
| | | SAY | 20 |
| | | | |

## SUMMARY OF ASPHALT PAVEMENT REMOVAL

### IN SQUARE YARDS

| LINE | RAMP | BEGIN STA. | END STA. | LOCATION | SQ. YDS. |
|---|---|---|---|---|---|
| -RPD1- | EB RAMP FROM HANES MALL BLVD | 5+11 | 6+74 | RT | 147 |
| -L2- | I-40 | 321+41 | 322+96 | RT | 75 |
| -RPC2- | EB RAMP TO PETERS CREEK PWY | 23+41 (RT) | -RPAB2- (EB RAMP TO PETERS CREEK) 12+28 LT | LT & RT | 401 |
| -RPAB2- | WB RAMP TO PETERS CREEK PWY | 26+08 | 39+74 | RT | 1277 |
| | | | | | |
| | | | | | |
| | | | | TOTAL | 1900 |
| | | | | SAY | 1900 |

## SUMMARY OF EARTHWORK

### IN CUBIC YARDS

| LOCATION | UNCLASSIFIED EXCAVATION | UNDERCUT | EMBANKMENT (+%) | BORROW | WASTE |
|---|---|---|---|---|---|
| LEFT | | | | | |
| -RPD6- 06+44 TO 13+48 | 208 | | | | 208 |
| -RPB6- 00+50 TO 12+74 | 119 | | | | 119 |
| RIGHT | | | | | |
| -RPB1- 01+34 TO 06+62 | 163 | | | | 163 |
| -RPC1- 08+50 TO 13+24 | 143 | | | | 143 |
| -RPD1- 01+14 TO 05+11 | 120 | | | | 120 |
| -RPA5- 05+08 TO 11+00 | 93 | | | | 93 |
| -RPD5- 05+30 TO 13+83 | 247 | | | | 247 |
| -LI2/RPC6- 605+00 TO 04+90 | 179 | | | | 179 |
| -RPC6- 07+40 TO 14+15 | 200 | | | | 200 |
| -RPD6- 04+33 TO 14+30 | 298 | | | | 298 |
| -RPB6- 08+42 TO 12+50 | 363 | | | | 363 |
| | | | | | |
| 5 WASHOUT AREAS | | | | 350 | |
| | | | | | |
| SUBTOTAL | 2,133 | | | 350 | 2,133 |
| ASSUME 10% CONTINGENCY | | | | | |
| GRAND TOTAL | 2,347 | | | 350 | 2,347 |
| SAY | 2,350 | | | 350 | 2,350 |

NOTE: APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, CLEARING & GRUBBING AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR GRADING.


5/28/99
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