| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| CONST. | 2017 | HSIP-106(33) | 2E |

## ESTIMATED GRADING QUANTITIES

| STATION TO STATION | ROAD & DRAINAGE EXC. (UNCL.) | | BORROW EXCAVATION | | CHANNEL EXC. C.Y. | EXCESS EXC. WASTE C.Y. * | EMB. C.Y. |
|---|---|---|---|---|---|---|---|
| | COMMON - C.Y. | S. ROCK - C.Y. | UNCL. - C.Y. | GRADED S. ROCK - C.Y. | | | |
| 104+43 - 120+68.54 | 2,131 | | 2,420 | 579 | | 579 | 4,665 |
| SIDEROADS | 965 | | 1138 | | | | 452 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| **TOTALS** | **3096** | **0** | **3558** | **579** | **0** | **579** | **5117** |

* UNDERCUT MATERIAL DISPOSAL

** SEE GRADING SPECIAL NOTES ON SHEET 2D.

## PROPOSED GUARDRAIL

| SHEET NO. | LOCATION | SIDE | | STATION | | GUARDRAIL | | | TERMINAL ANCHORS | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LT | RT | FROM | TO | BRIDGE END 705-01.01 (L.F.) | METAL BEAM 705-01.04 (L.F.) | SINGLE TYPE 2 705-06.01 (L.F.) | TYPE 21 705-06.30 (EACH) | TYPE IN-LINE 705-06.11 (EACH) | TYPE 13 705-06.10 (EACH) | |
| 4 | SR 106 / CRITZ LANE | X | | 104+43 | 19+19 | | | 712.5 | 1 | 1 | | |
| 4 | CRITZ LANE | | X | 15+84 | 18+74 | | 50 | 250 | 2 | 2 | 2 | |
| 4/5 | CRITZ LANE / SR 106 | X | | 16+32.75 | 120+68.33 | 26.9 | 50 | 1162.5 | 1 | 3 | 2 | TIE TO BRIDGE |
| | | | | | | | | | | | | |
| **TOTALS** | | | | | | **27** | **100** | **2125** | **4** | **6** | **4** | |

## SIDE DRAIN TABULATION

| STATION | LOCATION | | DESCRIPTION | SURFACE WIDTH (L.F.) | RCP CLASS III OR CMP 16 GA. OR HDPE OR PVC (L.F.) FILL HEIGHT < OR = 10 FT. | | | | | END TREATMENT | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LT | RT | | | 15" | 18" | 24" | 30" | 36" | TYPE | DRAWING NO. | |
| 16+04.00 (CRITZ LN) | X | | PRIVATE DRIVE | 16 | 44 | | | | | | | NO EW'S REQ'D |
| 16+59.00 (CRITZ LN) | | X | PRIVATE DRIVE | 12 | | 32 | | | | | | NO EW'S REQ'D |
| 18+81.00 (CRITZ LN) | X | | FIELD ENT. | 12 | | 32 | | | | | | NO EW'S REQ'D |
| 18+97.00 (CRITZ LN) | | X | BUS. ENT. | 20 | | 44 | | | | | | NO EW'S REQ'D |
| 119+31.00 (SR-106) | | X | PRIVATE DRIVE | 36 | | | 78 | | | | | NO EW'S REQ'D |
| | | | | | | | | | | | | |
| **TOTALS** | | | | | **44** | **108** | **78** | **0** | **0** | | | |

## SLAB BRIDGE TABULATION

| STATION | LOCATION | SPAN | HEIGHT | LENGTH | SKEW | DRAINAGE AREA SQ. MI. | CLASS "A" CONC. *CU. YD. | REINF. STEEL *LBS. | CULVERT EXC. CU. YD. | DRAWING NO. | BACKFILLING ITEM 303-01.01 DWG. STD-10-1 TONS | FOUNDATION FILL MATERIAL CU. YD. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17+44.60 | CRITZ LANE | 3 @ 15 | 8 | 8 | 90 | 5.48 | 34 | 6437 | | STD-17-162 | 109 | 6 |
| 17+44.60 | CRITZ LANE | 3 @ 15 | 8 | 22 | 90 | 5.48 | 78.6 | 16167 | | STD-17-162 | 299 | 17 |
| | | | | | | | | | | | | |
| **TOTALS** | | | | | | | **112.6** | **22604** | **0** | | **408** | **23** |

*INCLUDES WINGWALLS

NOTE: CULVERT EXCAVATION FOR CONCRETE BOX OR SLAB TYPE CULVERTS OR BRIDGES WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

## CROSS DRAIN TABULATION

| STATION | RCP CLASS III OR CMP 14 GA. OR HDPE OR PVC (L.F.) FILL HEIGHT < OR = 18 FT. | | | | | SKEW | RIP-RAP CLASS B 709-05.08 (TON) | RIP-RAP CLASS A-1 709-05.06 (TON) | SOD 803-01 (S.Y.) | END TREATMENT | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | INLET | | OUTLET | | |
| | 18" | 24" | 30" | 36" | 42" | | | | | TYPE | DRAWING NO. | TYPE | DRAWING NO. | |
| 106+43.53 | | 7 | | | | 87° 25' 45" RT | | 8.1 | 25.2 | "U" | D-PE-24(A&B) | | EXISTING | RCP EXT |
| 106+43.53 | | 10 | | | | 87° 25' 45" RT | 20.2 | | 85.3 | | EXISTING | "ST" | D-PE-4 | RCP EXT |
| 111+75.86 | | 9 | | | | 88° 46' 33" LT | | | | "U" | D-PE-24(A&B) | | EXISTING | RCP EXT |
| 111+75.86 | | 34 | | | | 88° 46' 33" LT | | | | #1-JB | D-JBS-1 | "ST" | D-PE-4 | RCP EXT |
| 116+02.59 | | 16 | | | | 85° 25' 55" RT | | | | "ST" | D-PE-4 | | EXISTING | RCP EXT |
| 116+02.59 | | 8 | | | | 85° 25' 55" RT | | | | | EXISTING | "U" | D-PE-24(A&B) | RCP EXT |
| | | | | | | | | | | | | | | |
| **TOTALS** | **0** | **84** | **0** | **0** | **0** | | **21** | **9** | **111** | | | | | |

## CROSS DRAIN ENDWALLS

| LOCATION | CROSS DRAIN STATION | OFFSET (FT.) | STRUCTURE TYPE | STANDARD DRAWING | SKEW | 24 IN. ENDWALL 4:1 611-07.58 (EA.) | CLASS A CONC. 611-07.01 (C.Y.) | REINF. STEEL 611-07.02 (LB.) |
|---|---|---|---|---|---|---|---|---|
| SR 106 | 106+41.93 | 35.93 LT | "ST" | D-PE-4 | 87° 25' 45" RT | | 1.5 | 70 |
| SR 106 | 106+44.93 | 30.88 RT | "U" | D-PE-24(A&B) | 87° 25' 45" RT | 1 | | |
| SR 106 | 111+85.41 | 59.26 LT | "ST" | D-PE-4 | 88° 46' 33" LT | | 1.5 | 70 |
| SR 106 | 111+75.14 | 33.24 RT | "U" | D-PE-24(A&B) | 88° 46' 33" LT | 1 | | |
| SR 106 | 115+99.12 | 44.18 LT | "ST" | D-PE-4 | 85° 25' 55" RT | | 1.5 | 70 |
| SR 106 | 116+05.40 | 34.74 RT | "U" | D-PE-24(A&B) | 85° 25' 55" RT | 1 | | |
| | | | | | | | | |
| **TOTALS** | | | | | | **3** | **4.5** | **210** |

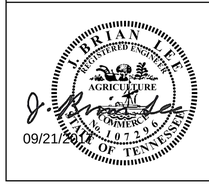
## PAVEMENT QUANTITIES

| LOCATION | 303-01 (TON) | 307-01.08 (TON) | 307-02.01 (TON) | 307-02.08 (TON) | 402-01 (TON) | 402-02 (TON) | 403-01 (TON) | 411-01.07 (TON) | 411-01.10 (TON) | 411-02.10 (TON) | 415-01.02 (SY) | 701-02 (SF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SR-106 | 4377 | | 469 | 288 | 6 | 21 | 4 | 101 | | 417 | 4250 | |
| | | | | | | | | | | | | |
| CRITZ LN | 730 | | 65 | 43 | 1 | 4 | 1 | | | 109 | 968 | |
| | | | | | | | | | | | | |
| DRIVEWAYS & ENTRANCES | 165 | 29 | | | | | | | 20 | | | 1024 |
| | | | | | | | | | | | | |
| MAINTENANCE OF TRAFFIC | 173 | | 115 | 75 | 1 | 4 | 0.2 | | | | | |
| | | | | | | | | | | | | |
| **TOTALS** | **5445** | **29** | **649** | **406** | **8** | **29** | **5** | **101** | **20** | **526** | **5218** | **1024** |

## R.O.W. MARKERS

| SHEET NO. | QUANTITIES "A" | "B" | "C" | TOTALS |
|---|---|---|---|---|
| 4 | 11 | 1 | 4 | **16** |
| 5 | 6 | 0 | 0 | **6** |
| | | | | |
| **TOTALS** | **17** | **1** | **4** | **22** |

SEALED BY




09/21/2017

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

# TABULATED QUANTITIES

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