

# SUMMARY OF QUANTITIES. PROPOSAL No 2.

S.H. 345. SEC. R-R<sub>2</sub> PT.  
MUSKINGUM CO.

| No    | Station | Type | Size | Length | Excavation<br>Cu. Yds. | Concrete Curb<br>1-5 1/2" 1-6 1/2" 1-6 1/2" | Rein. St<br>Lbs | Pipe<br>12" 15" 18" 24" 30" | P-24 Rail<br>Lin. Ft. | Pip. Rod<br>Sq. Yds. | 1" Dowel<br>Holes | 1/4" Pres. Exp.<br>H. Filtr. Sq. Ft. | App. Slabs<br>Sq. Yds. | Remarks               |
|-------|---------|------|------|--------|------------------------|---------------------------------------------|-----------------|-----------------------------|-----------------------|----------------------|-------------------|--------------------------------------|------------------------|-----------------------|
| 5     | 62+02   | Pipe | 30"  | 100    | 325                    |                                             |                 |                             |                       |                      |                   |                                      |                        | Remove 20"x38" V.S.P. |
| 6     | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | Build new Std. Curb.  |
| 7     | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 8     | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 9     | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 10    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 11    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 12    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 13    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 14    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 15    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 16    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 17    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 18    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 19    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 20    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 21    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 22    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 23    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 24    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 25    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 26    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 27    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 28    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 29    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 30    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 31    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 32    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 33    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 34    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 35    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 36    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 37    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 38    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 39    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 40    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 41    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 42    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 43    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 44    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 45    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 46    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| 47    | 64+03   | "    | 30"  | 100    | 270                    |                                             |                 |                             |                       |                      |                   |                                      |                        | "                     |
| Total |         |      |      |        | 2776                   | 431.8                                       | 44.8            | 35.1                        | 62217                 | 778228               | 318               | 378                                  | 120                    | 33                    |

SUMMARY PRIVATE DRIVES

| No           | Station | Side | 12" Pipe<br>Lin. Ft. | 4"xM.T.L.<br>Curb Yds |
|--------------|---------|------|----------------------|-----------------------|
| 1-A          | 62+02   | Lt   | 16                   | 3                     |
| 2-A          | 66+31   | Rt   | 16                   | 3                     |
| 3-A          | 66+31   | Lt   | 16                   | 3                     |
| 4-A          | 100+30  | Lt   | 16                   | 3                     |
| 5-A          | 112+06  | Lt   | 16                   | 3                     |
| 6-A          | 115+04  | Lt   | 16                   | 3                     |
| 7-A          | 122+50  | Rt   | 16                   | 3                     |
| 8-A          | 131+00  | Lt   | 16                   | 3                     |
| 9-A          | 137+57  | Lt   | 16                   | 3                     |
| 10-A         | 145+00  | Rt   | 16                   | 3                     |
| 11-A         | 175+00  | Lt   | 16                   | 3                     |
| 12-A         | 180+00  | Lt   | 16                   | 3                     |
| 13-A         | 185+00  | Lt   | 20                   | 3                     |
| 14-A         | 190+00  | Lt   | 20                   | 3                     |
| 15-A         | 195+01  | Lt   | 16                   | 3                     |
| 16-A         | 201+00  | Lt   | 16                   | 3                     |
| 17-A         | 202+70  | Lt   | 16                   | 3                     |
| 18-A         | 211+00  | Lt   | 16                   | 3                     |
| 19-A         | 213+00  | Lt   | 16                   | 3                     |
| 20-A         | 225+00  | Lt   | 16                   | 3                     |
| 21-A         | 236+00  | Lt   | 16                   | 3                     |
| 22-A         | 242+25  | Rt   | 16                   | 3                     |
| 23-A         | 255+00  | Lt   | 16                   | 3                     |
| TOTAL 376 70 |         |      |                      |                       |

SUMMARY EXC. & EMB

| FROM STA | TO STA | Exc   | EMB   | EMB+25% | BORROW | WASTE |
|----------|--------|-------|-------|---------|--------|-------|
| 57+75    | 59+00  | 17052 | 13469 | 16833   |        | 216   |
| 59+00    | 112+00 | 10736 | 7552  | 9448    |        | 1341  |
| 112+00   | 154+00 | 10924 | 8638  | 10797   |        | 127   |
| 154+00   | 208+00 | 2797  | 22132 | 27665   |        | 132   |
| 208+00   | 229+00 | 7921  | 6232  | 7552    |        | 69    |
| 229+00   | 256+04 | 5287  | 5531  | 6914    | *1627  |       |
| TOTAL    |        | 79767 | 63608 | 79509   |        | 1885  |

\* Borrow to be furnished from Fed. Aid Proj.  
No. 400 B-Re., leaving no net borrow.  
Note: Waste to be disposed of at direction of Div. Eng.

Pavement Length

|                      |                                      |
|----------------------|--------------------------------------|
| Begin Project        | Sta. 57+75                           |
| End                  | Sta. 256+04                          |
| Gross Length         | 19,829 Lin. Ft.                      |
| Deductions           |                                      |
| Sta. 161+50 Bridge   | 36.83 Lin. Ft.                       |
| Sta. 210+00 Equation | 2.06                                 |
| Total                | 38.89                                |
| Additions            |                                      |
| Sta. 90+50 Equation  | 3.15 Lin. Ft.                        |
| Net Length           | 19,793.26 Lin. Ft.<br>or 3.748 miles |
| Total Pav't Area     | = 43,985.02 Sq. Yds.                 |

Summary of  
Shoulders, Slopes & Ditches  
19,811.86 Lin. Ft. (both sides)

Summary of  
Guard Rail Removal  
59+30 to 60+90 Rt. = 2160.0 Lin. Ft.

Summary of  
Std. Type I Curb & Gutter  
63+25 to 78+00 Lt. = 1475.0 Lin. Ft.