

ITEM 448 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22

Sta. 142+40 to Sta. 142+75
 $24.6' \times 35' \times 1.25" / 12 / 27 = 3.32 \text{ Cu. Yd.}$
 Sta. 142+75 to Sta. 143+60
 $26' \times 85' \times 1.25" / 12 / 27 = 8.53 \text{ Cu. Yd.}$
 Sta. 143+60 to Sta. 143+85
 $19.03' \times 25' \times 1.25" / 12 / 27 = 1.84 \text{ Cu. Yd.}$

A Total of 14 Cu. Yd. to be Carried to the General Summary

ITEM 448 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22

Sta. 142+75 to Sta. 143+60
 $26' \times 85' \times 1.75" / 12 / 27 = 11.93 \text{ Cu. Yd.}$

A Total of 12 Cu. Yd. to be Carried to the General Summary

ITEM 407 - TACK COAT FOR INTERMEDIATE COURSE

Sta. 142+75 to Sta. 143+60
 $26' \times 85' / 9 \times 0.04 = 9.82 \text{ Gal.}$

A Total of 10 Gal. to be Carried to the General Summary

ITEM 301 - 7" ASPHALT CONCRETE BASE

Sta. 142+75 to Sta. 143+60
 $27' \times 85' \times 7" / 12 / 27 = 49.58 \text{ Cu. Yd.}$
 Additional Quantity Over Box
 Sta. 143+04.66 to Sta. 143+28.17
 $29.31 \text{ Sq. Ft.} \times 23.51' / 27 = 25.52 \text{ Cu. Yd.}$

A Total of 76 Cu. Yd. to be Carried to the General Summary

ITEM 304 - 6" AGGREGATE BASE

Sta. 142+75 to Sta. 143+04.66
 $28' \times 29.66' \times 6" / 12 / 27 = 15.38 \text{ Cu. Yd.}$
 Sta. 143+28.17 to Sta. 143+60
 $28' \times 31.83' \times 6" / 12 / 27 = 16.50 \text{ Cu. Yd.}$

A Total of 32 Cu. Yd. to be Carried to the General Summary

ITEM 204 - SUBGRADE COMPACTION

Sta. 142+75 to Sta. 143+04.66
 $29' \times 29.66' / 9 = 95.57 \text{ Sq. Yd.}$
 Sta. 143+28.17 to Sta. 143+60
 $29' \times 31.83' / 9 = 102.56 \text{ Sq. Yd.}$

A Total of 199 Sq. Yd. to be Carried to the General Summary

ITEM 407 - TACK COAT

Sta. 142+40 to Sta. 142+75
 $24.6' \times 35' / 9 \times 0.075 = 7.18 \text{ Gal.}$
 Sta. 143+60 to Sta. 143+85
 $19.03' \times 25' / 9 \times 0.075 = 3.96 \text{ Gal.}$

A Total of 12 Gal. to be Carried to the General Summary

ITEM 630 - REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL

(Hazard Markers at Bridge)
 Sta. 142+89.30, Rt. - 1 Each
 Sta. 143+05.03, Lt. - 1 Each
 Sta. 143+19.78, Rt. - 1 Each
 Sta. 143+43.36, Lt. - 1 Each

A Total of 4 Each to be Carried to the General Summary

ITEM 630 - REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL

(Hazard Markers at Bridge)
 Sta. 142+89.30, Rt. - 1 Each
 Sta. 143+05.03, Lt. - 1 Each
 Sta. 143+19.78, Rt. - 1 Each
 Sta. 143+43.36, Lt. - 1 Each

A Total of 4 Each to be Carried to the General Summary

ITEM 626 - BARRIER REFLECTOR, TYPE A2

Sta. 142+40.52 to Sta. 143+86.80, Rt.
 $146.28' / 50 + 1 = 3.9$
 Sta. 142+41.12 to Sta. 143+81.64, Lt.
 $140.52' / 50 + 1 = 3.8$

A Total of 8 Each to be Carried to the General Summary

ITEM 659 - COMMERCIAL FERTILIZER

Seeding Area to be Used: 990 Sq. Yd.
 $990 \times 9 \times 20 / 1000 / 2000 = 0.09 \text{ Ton}$

A Total of 0.09 Ton to be Carried to the General Summary

ITEM 659 - LIME

Seeding Area to be Used: 990 Sq. Yd.
 $990 \times 9 / 43560 = 0.21 \text{ Acres}$

A Total of 0.21 Acres to be Carried to the General Summary

ITEM 659 - WATER

Seeding Area to be Used: 990 Sq. Yd.
 $2 \times (990 \times 9 \times (300 / 1000) / 1000) = 5.4 \text{ MGal}$

A Total of 6 MGal to be Carried to the General Summary

ITEM 621 - RAISED PAVEMENT MARKER REMOVED

Sta. 142+40 to Sta. 143+85

A Total of 4 Each to be Carried to the General Summary

ITEM 642 - EDGE LINE

Sta. 142+40 to Sta. 143+85
 $145' / 5280 \times 2 = 0.06 \text{ Mile}$

A Total of 0.06 Mile to be Carried to the General Summary

ITEM 642 - CENTER LINE

Sta. 142+40 to Sta. 143+85
 $145' / 5280 = 0.03 \text{ Mile}$

A Total of 0.03 Mile to be Carried to the General Summary

CALCULATIONS (HOC-328-2.70)

HOC-328-2.70/5.93