

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

Sta. 312+25 to Sta. 312+85
 $(25.66' + 28') / 2 \times 60' \times 1.25" / 12 / 27 = 6.21 \text{ Cu. Yd.}$
 Sta. 312+85 to Sta. 312+90
 $28' \times 5' \times 1.25" / 12 / 27 = 0.54 \text{ Cu. Yd.}$
 Sta. 312+90 to Sta. 313+57
 $28' \times 67' \times 1.25" / 12 / 27 = 7.24 \text{ Cu. Yd.}$

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. 312+25 to Sta. 312+85, Rt.
 $(5.13' + 7') / 2 \times 60' \times 1.75" / 12 / 27 = 1.97 \text{ Cu. Yd.}$
 Sta. 312+85 to Sta. 312+90, Rt.
 $7' \times 5' \times 1.75" / 12 / 27 = 0.19 \text{ Cu. Yd.}$
 Sta. 312+90 to Sta. 313+57
 $28' \times 67' \times 1.75" / 12 / 27 = 10.13 \text{ Cu. Yd.}$

A Total of 13 Cu. Yd. to be Carried to the General Summary

ITEM 407 - TACK COAT FOR INTERMEDIATE COURSE

Sta. 312+90 to Sta. 313+57
 $28' \times 67' / 9 \times 0.04 = 8.34 \text{ Gal.}$

A Total of 9 Gal. to be Carried to the General Summary

ITEM 301 - 7" ASPHALT CONCRETE BASE

Sta. 312+25 to Sta. 312+85, Rt.
 $(5.63' + 7.5') / 2 \times 60' \times 7" / 12 / 27 = 8.51 \text{ Cu. Yd.}$
 Sta. 312+85 to Sta. 312+90, Rt.
 $7.5' \times 5' \times 7" / 12 / 27 = 0.81 \text{ Cu. Yd.}$
 Sta. 312+90 to Sta. 313+57
 $29' \times 67' \times 7" / 12 / 27 = 41.98 \text{ Cu. Yd.}$
 Additional Quantity Over Box
 Sta. 313+09.87 to Sta. 313+28.13
 $2.71 \text{ Sq. Ft.} \times 18.27' / 27 = 1.83 \text{ Cu. Yd.}$

A Total of 54 Cu. Yd. to be Carried to the General Summary

ITEM 304 - 6" AGGREGATE BASE

Sta. 312+25 to Sta. 312+85, Rt.
 $(6.13' + 8') / 2 \times 60' \times 6" / 12 / 27 = 7.85 \text{ Cu. Yd.}$
 Sta. 312+85 to Sta. 312+90, Rt.
 $8' \times 5' \times 6" / 12 / 27 = 0.74 \text{ Cu. Yd.}$
 Sta. 312+90 to Sta. 313+09.87
 $30' \times 19.87' \times 6" / 12 / 27 = 11.04 \text{ Cu. Yd.}$
 Sta. 313+28.13 to Sta. 313+57
 $30' \times 28.87' \times 6" / 12 / 27 = 16.04 \text{ Cu. Yd.}$

A Total of 36 Cu. Yd. to be Carried to the General Summary

ITEM 204 - SUBGRADE COMPACTION

Sta. 312+25 to Sta. 312+85, Rt.
 $(6.63' + 8.5') / 2 \times 60' / 9 = 50.43 \text{ Sq. Yd.}$
 Sta. 312+85 to Sta. 312+90, Rt.
 $8.5' \times 5' / 9 = 4.72 \text{ Sq. Yd.}$
 Sta. 312+90 to Sta. 313+09.87
 $31' \times 19.87' / 9 = 68.44 \text{ Sq. Yd.}$
 Sta. 313+28.13 to Sta. 313+57
 $31' \times 28.87' / 9 = 99.44 \text{ Sq. Yd.}$

A Total of 224 Sq. Yd. to be Carried to the General Summary

ITEM 407 - TACK COAT

Sta. 312+25 to Sta. 312+85
 $(26.63' + 28') / 2 \times 60' / 9 \times 0.075 = 13.53 \text{ Gal.}$
 Sta. 312+85 to Sta. 312+90
 $28' \times 5' / 9 \times 0.075 = 1.17 \text{ Gal.}$

A Total of 15 Gal. to be Carried to the General Summary

ITEM 630 - REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL

(Hazard Markers at Bridge)
 Sta. 312+96.47, Rt. - 1 Each
 Sta. 313+00.39, Lt. - 1 Each
 Sta. 313+40.95, Rt. - 1 Each
 Sta. 313+33.57, 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. 312+96.47, Rt. - 1 Each
 Sta. 313+00.39, Lt. - 1 Each
 Sta. 313+40.95, Rt. - 1 Each
 Sta. 313+33.57, Rt. - 1 Each

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

ITEM 630 - REMOVAL OF GROUND MOUNTED SIGN AND REERECTION

(Bridge Marker Sign)
 Sta. 312+96.47, Rt. - 1 Each

A Total of 1 Each to be Carried to the General Summary

ITEM 630 - GROUND MOUNTED SUPPORT, No. 2 POST

(Bridge Marker Sign)
 Sta. 313+00, Rt. - 7 Ft.

A Total of 7 Ft. to be Carried to the General Summary

ITEM 626 - BARRIER REFLECTOR, TYPE A2

Sta. 312+34.01 to Sta. 313+64.98, RT.
 $130.97' / 50 + 1 = 3.6$
 Sta. 312+27.61 to Sta. 313+76.95, Lt.
 $149.28' / 50 + 1 = 4.0$

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

ITEM 659 - COMMERCIAL FERTILIZER

Seeding Area to be Used: 720 Sq. Yd.
 $720 \times 9 \times 20 / 1000 / 2000 = 0.07 \text{ Ton}$

A Total of 0.07 Ton to be Carried to the General Summary

ITEM 659 - LIME

Seeding Area to be Used: 720 Sq. Yd.
 $720 \times 9 / 43560 = 0.15 \text{ Acres}$

A Total of 0.15 Acres to be Carried to the General Summary

ITEM 659 - WATER

Seeding Area to be Used: 720 Sq. Yd.
 $2 \times (720 \times 9 \times (300 / 1000) / 1000) = 3.9 \text{ MGal}$

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

ITEM 621 - RAISED PAVEMENT MARKER REMOVED

Sta. 312+25 to Sta. 313+57

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

ITEM 642 - EDGE LINE

Sta. 311+36.50 to Sta. 315+35
 $398.5' / 5280 \times 2 = 0.15 \text{ Mile}$

A Total of 0.15 Mile to be Carried to the General Summary

ITEM 642 - CENTER LINE

Sta. 311+36.50 to Sta. 315+35
 $398.5' / 5280 = 0.08 \text{ Mile}$

A Total of 0.08 Mile to be Carried to the General Summary