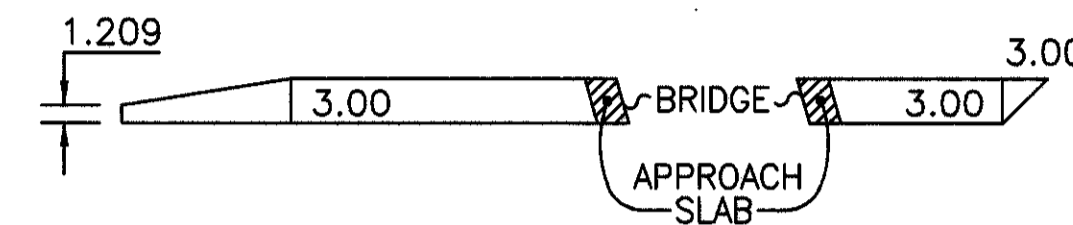


ITEM 301 - BITUMINOUS AGGREGATE BASE, PG 64-22 ④

FROM SHEET 4, PROPOSED NORMAL SECTION = $22.636 \times (7.32+0.15) = 169.091$ SQ. METERS
 $169.091 \times 0.200 = 33.818$ CU. METERS

ITEM 301 - BITUMINOUS AGGREGATE BASE, PG 64-22 ⑨

FROM SHEET 12, PERMANENT SHOULDER, LT.



ALLTEL DRIVEWAY
SEE SHEETS 12 & 29.

STA. 3+170.000 TO STA. 3+180.000 = $10 \times (1.209+3)/2 = 21.045$ SQ. METERS
 STA. 3+180.000 TO ST.A 3+226.558 = $46.558 \times 3 = 139.674$ SQ. METERS
 DEDUCT FOR APPROACH SLAB = $(-1)62.50$ SQ. METERS
 BRIDGE, SEE SHEET 18
 STA. 3+236.639 TO STA. 3+253.774 = $17.135 \times 3 = 51.405$ SQ. METERS
 $= 49.620$ SQ. METERS
 $49.620 \times 0.075 = 3.722$ CU. METERS
 TOTAL = 37.540 CU. METERS

④ ⑨ TOTAL 301 = 38 CU. METERS

ITEM 304 - AGGREGATE BASE ⑥

FROM SHEET 4, PROPOSED NORMAL SECTION = $22.636 \times (7.32+0.45) = 175.882$ SQ. METERS
 $175.882 \times 0.150 = 26.382$ CU. METERS
 SHOULDER, AREA FROM ITEM 301, = 49.620 SQ. METERS
 LESS 0.15 m NOTCH = $49.620 \text{ sq. m} - 0.15(10+46.558 + 17.135) = 38.566$ SQ. METERS
 $38.566 \times 0.150 = 5.785$ CU. METERS

APPROACH SLABS: FROM TYPICAL SECTIONS, SHEET 5

LEFT = $1.293 \text{ m} + 10.907 \text{ m} = 12.200 \text{ m}$
 RIGHT = $4.586 \text{ m} + 7.614 \text{ m} = 12.200 \text{ m}$
 $12.2 \times 13.62 \times 0.150 = 24.925$ CU. METERS

TOTAL 57.092 CU. METERS

⑥ TOTAL = 57 CU. METERS

ITEM 203 - SUBGRADE COMPACTION ⑧

FROM ITEM 304
 $175.882 + 38.566 + 166.164 = 380.612$ SQ. METERS

⑧ TOTAL = 381 SQ. METERS

ITEM 407 - TACK COAT FOR INTERMEDIATE COURSE ⑮

FROM ITEM 448
 $166 \text{ SQ. METERS} \times 0.34 \text{ L/SQ METERS} = 56.44 \text{ L}$

⑮ TOTAL = 57 LITERS

ITEM 448 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22 ①

FROM SHEET 4, PROPOSED NORMAL SECTION = $22.636 \times 7.32 = 165.696$ SQ. METERS
 $165.696 \times 0.032 = 5.302$ CU. METERS

FEATHERING: (SEE SHEET 18, PROFILE)
 STA. 3+200.454 TO STA. 3+208.054 = $7.600 \times 0.032 = 0.243$ SQ. METERS
 STA. 3+253.774 TO STA. 3+262.000 = $8.226 \times 0.032 = 0.263$ SQ. METERS
 TOTAL = 0.506 SQ. METERS

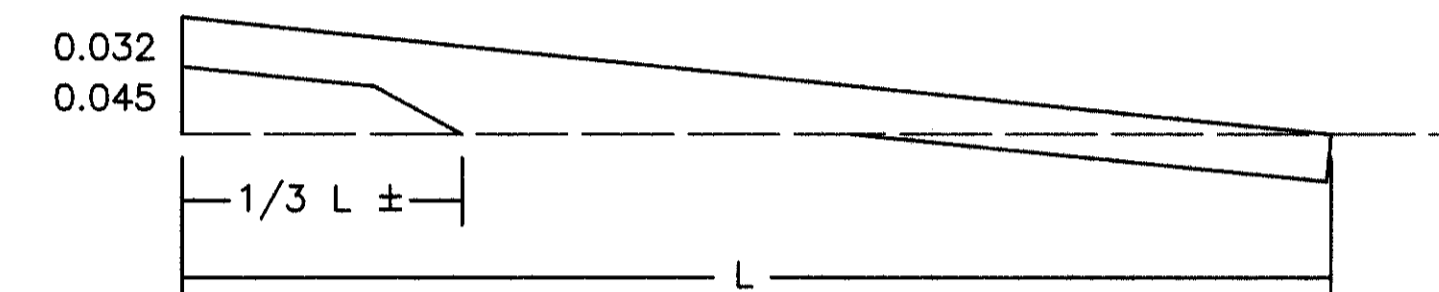
$7.32 \times 0.506 = 3.704$ CU. METERS
 TOTAL = 9.006 CU. METERS

① TOTAL SURFACE COURSE = 9 CU. METERS

ITEM 448 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG 64-22 ②

FROM ITEM 448 SURFACE COURSE = $165.696 \times 0.045 = 7.456$ CU. METERS

FEATHERING: (SEE SHEET 18)



STA. 3+200.454 TO STA. 3+208.054 = $7.600 \times 1/3 \times 0.045 = 0.114$ SQ. METERS
 STA. 3+253.774 TO STA. 3+262.000 = $8.226 \times 1/3 \times 0.045 = 0.123$ SQ. METERS
 TOTAL = 0.237 SQ. METERS

$7.32 \times 0.237 = 1.735$ CU. METERS
 TOTAL = 9.191 CU. METERS

② TOTAL INTERMEDIATE COURSE = 9 CU. METERS

ITEM 448 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, UNDER GUARD RAIL, PG 64-22, AS PER PLAN ⑭

UNDER GUARD RAIL: (SEE SHEETS 4 & 18)

STA. 3+178.800 TO STA. 3+245.800 = $67 \times 1.2 = 80.400$ SQ. METERS
 $80.400 \times 0.075 = 6.030$ CU. METERS
 TOTAL = 6.030 CU. METERS

⑭ TOTAL INTERMEDIATE COURSE = 6 CU. METERS

ITEM 408 - BITUMINOUS PRIME COAT ⑫

FROM ITEM 301 BITUMINOUS AGGREGATE BASE ④ = 169.091 SQ. METERS
 RATE = 1.8 LITERS/SQ. METER = 304.364 LITERS

⑫ TOTAL = 304 LITERS

ITEM 611 - REINFORCED CONCRETE APPROACH SLAB (T = 300 mm) ⑬

FROM ITEM 304 = $12.2 \times 13.32 = 162.504$ SQ. METERS

⑬ TOTAL = 163 SQ. METERS