

CALCULATIONS

659 SEEDING & MULCHING			
SEEDING AND MULCHING	SEEDING AND MULCHING (S.Y.) x 9	AGRICULTURAL LIMING SQ. FT. x 100 1000 2000	COMMERCIAL FERTILIZER SQ. FT. x 20 100 2000
SQ. YD.	SQ. FT.	TONS	TONS
368	3312.0	0.16	0.33
TOTALS :		0.16	0.33

601- ROCK CHANNEL PROTECTION

$$10' \times 55' \times 18''/12 \times 1/27 = 3.1 \text{ C.Y.}$$

602 - CONCRETE MASONRY

$$2 - \text{HW-4A @ } 0.92 \text{ C.Y. EACH} = 1.84 \text{ C.Y.}$$

304 - AGGREGATE BASE

(PAVEMENT) $\frac{(26.5')(4.25')(10') + (3.25')(3')(21')}{27} = 50 \text{ C.Y.}$

(BERMS) $2 \times \frac{(4.25')(5')(10')}{27} + \frac{(10')(3')(3.25')}{27} = 20 \text{ C.Y.}$

TOTAL $\frac{70}{70} \text{ C.Y.}$

305 - CONCRETE BASE

$$\frac{(36.5')(10')}{9} = 40.5 \text{ S.Y.}$$

402 - ASPHALT CONCRETE, AC-20

$$\frac{(3''/12)(36.5')(10')}{27} = 3.4 \text{ C.Y.}$$

404 - ASPHALT CONCRETE, AC-20

$$\frac{(2''/12)(36.5')(10')}{27} = 2.2 \text{ C.Y.}$$

$$\frac{(1''/12)(26.5)(41')}{27} = 3.3 \text{ C.Y. (FEATHERING)}$$

$$5.5 \text{ C.Y.}$$

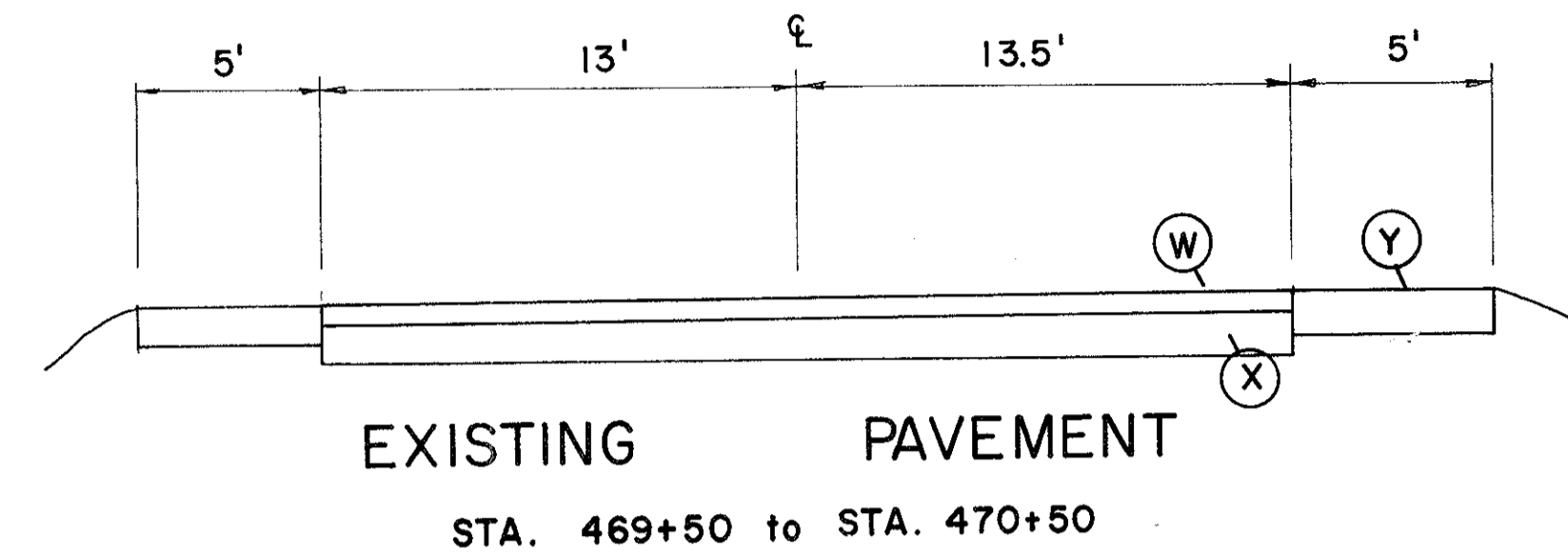
407 - TACK COAT

$$\frac{26.5(41) + 36.5(10)}{9} \times 0.1 \text{ GAL.} = 17 \text{ GALLONS}$$

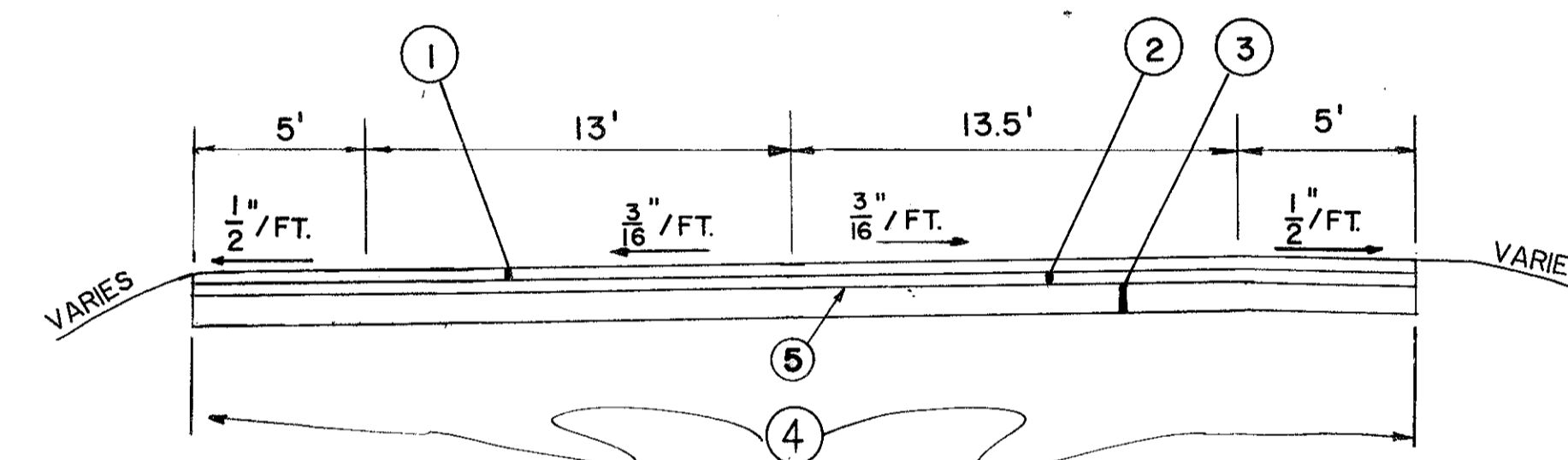
407 - COVER AGGREGATE

$$\frac{26.5(41) + 36.5(10)}{9} \times \frac{7 \text{ lbs.}}{2000 \text{ lbs. ton}} = 0.6 \text{ TON}$$

TYPICAL SECTIONS



- Ⓜ 5"± ASPHALT CONCRETE
- Ⓧ CONCRETE BASE
- Ⓨ 5" CRUSHED BASE



LEGEND

- ① ITEM 404 2"± ASPHALT CONCRETE AC-20
- ② ITEM 402 3" ASPHALT CONCRETE AC-20
- ③ ITEM 305 9" CONCRETE BASE
- ④ ITEM 304 AGGREGATE BASE
- ⑤ ITEM 407 TACK COAT