



WHERE σ^j = EFFECTIVE NORMAL STRESS ACTING
ACROSS SURFACE OF RUPTURE DUE TO
WEIGHT OF OVERLYING SOIL

$\tan \phi$ = TANGENT OF SOIL'S EFFECTIVE INTERNAL
FRICTION ANGLE

C = SOIL'S EFFECTIVE COHESION

SCHEMATIC OF SHEAR STRENGTH CALCULATION ALONG SURFACE OF RUPTURE

FIGURE 18