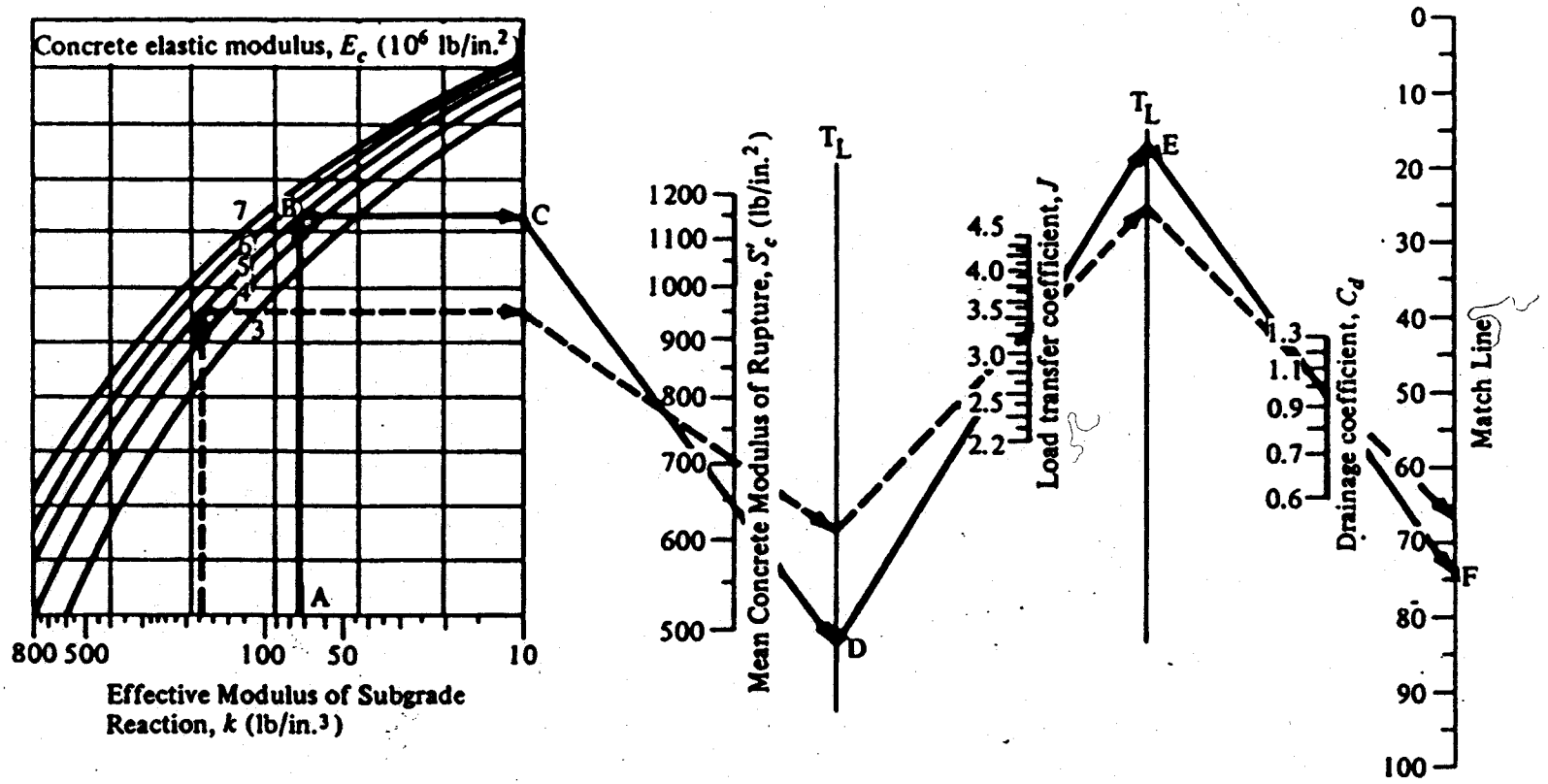
- Design Chart for Rigid Pavements Based on Using Mean Values for Each Input Variable (segment 1)



Example:

k = 72 lb/in.^{3}	S_o = 0.29
E_c = 5 × 10^6 lb/in.^{2}	R = 95% (Z_R = −1.645)
S'_c = 650 lb/in.^{2}	ΔPSI = 4.2 − 2.5 = 1.7
J = 3.2	W_{18} = 5.1 × 10^6 (18 kip ESAL)
C_d = 1.0	Solution: D = 10.0 in. (nearest half-in., from segment 2)

Figure 21.14 ■ Design Chart for Rigid Pavements Based on Using Mean Values for Each Input Variable (segment 2)