Fened End Beams F some of P concertify MB $M_{F} = \frac{2Fdb}{L^{3}} \left\{ -\frac{2F \times d \times (L-a)}{L^{3}} \right\}$ · 2fx (生)x(生) -2fx 上2x 上4x 上4x 上3 -2fx 上4x 上 F P/2 P-1

Mananum rade (+) proment is produced at madepan I tils value = PL = 1 sunde spacen moment

For UDL moment

6 de la company de

MIE AL maximum moment at center

due to of (UDL)

equating two momets -

PL 924

=) 9 = PK × 24 3(P)

9 = 3 (P) toul box. com/beary-fencelboth-ends-support-loads - deflection-d_809

P-2

P= 32 Kup

= 32 Kep/JE [white Regulation]
= 32.6714P/JE and Gy A 4511 \$10 Lox wills)

~ 2.67 K/Jut/JE