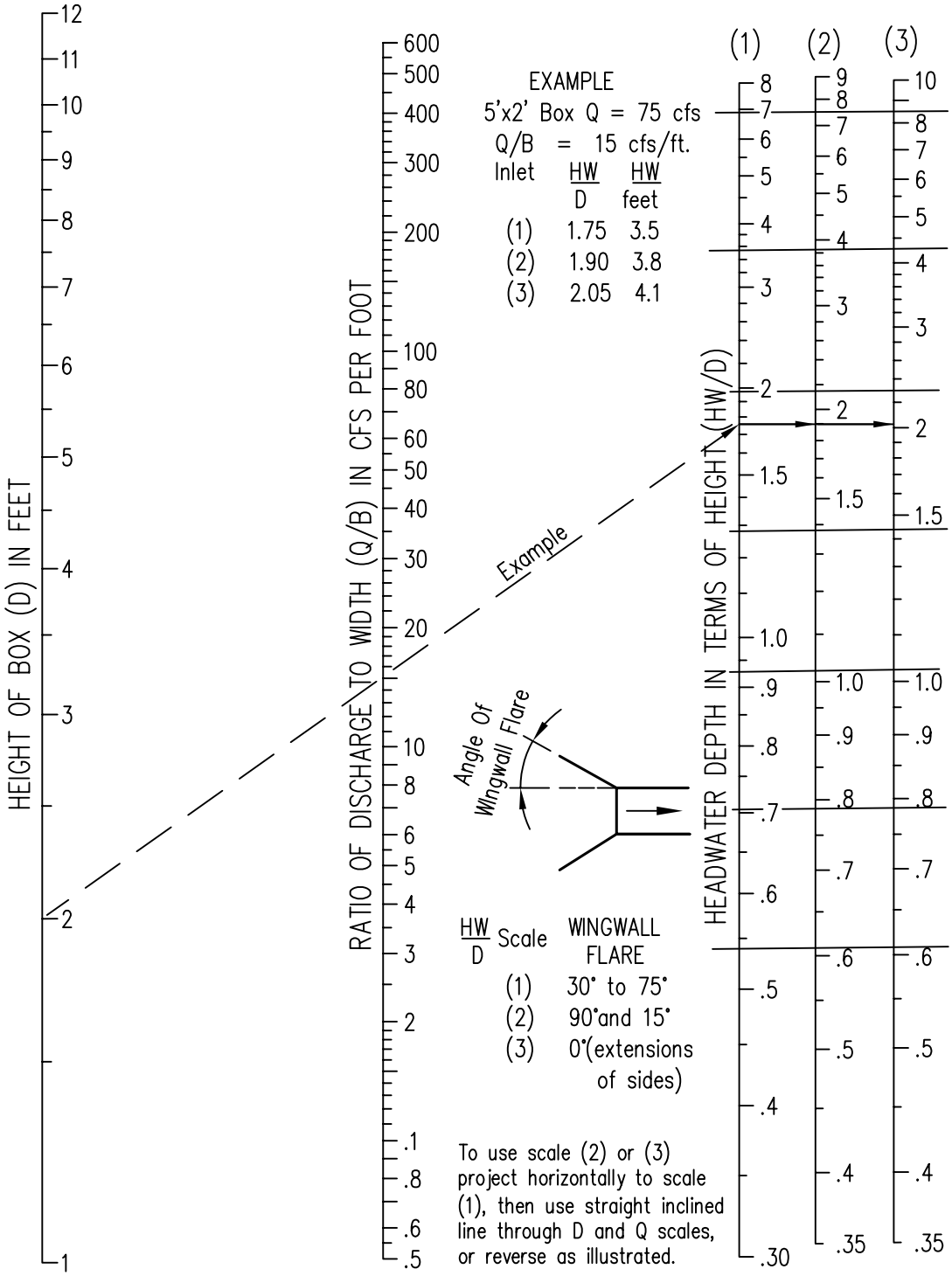
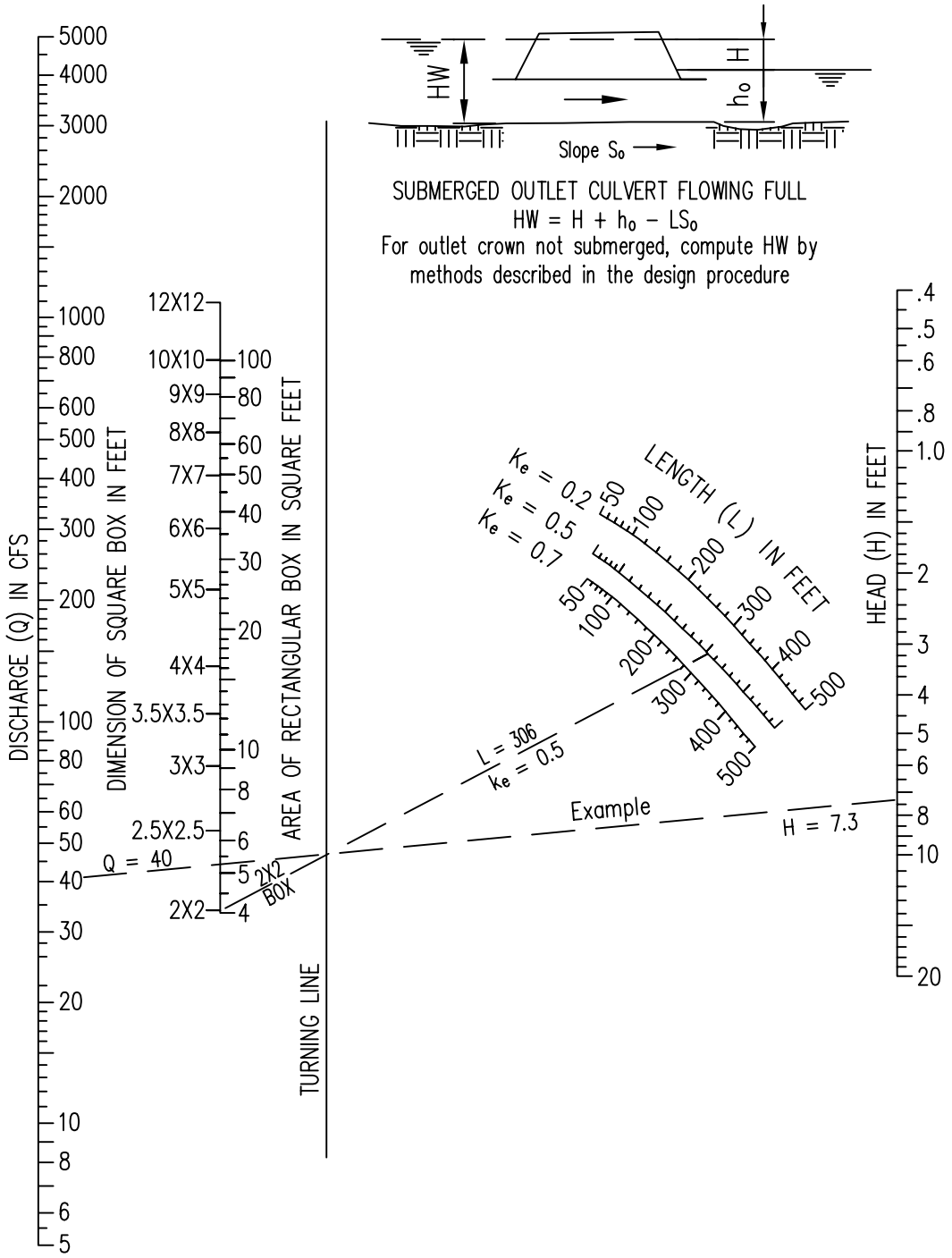


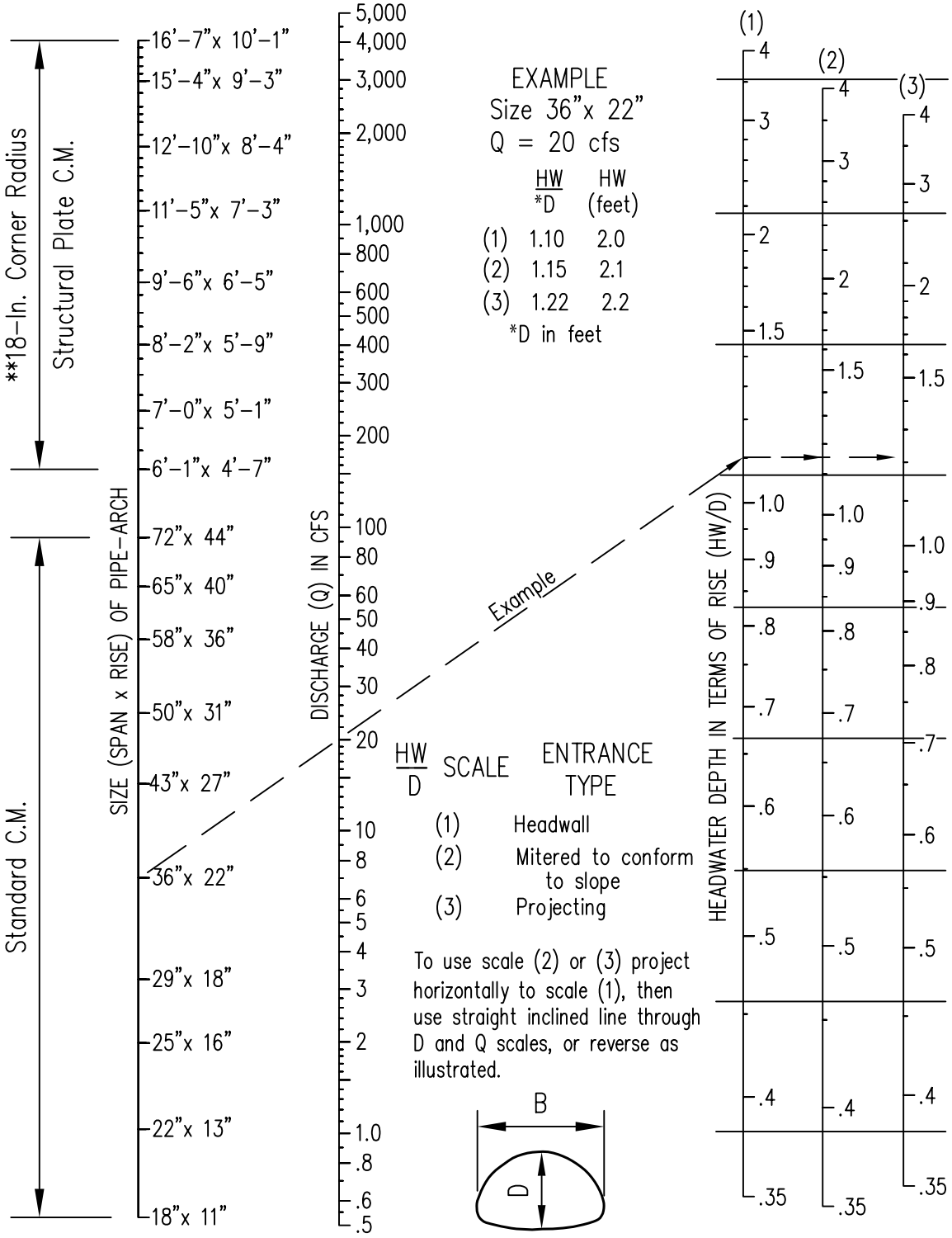
(Bureau of Public Roads Jan. 1963)

HEADWATER DEPTH FOR BOX CULVERTS WITH INLET CONTROL



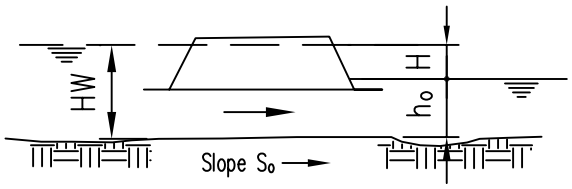
HEAD FOR
CONCRETE BOX CULVERTS
FLOWING FULL
n=0.012

(Bureau of Public Roads Jan. 1963)



**Additional Sizes Not Dimensioned Are Listed in Fabricator's Catalog (Bureau Of Public Roads 1963)

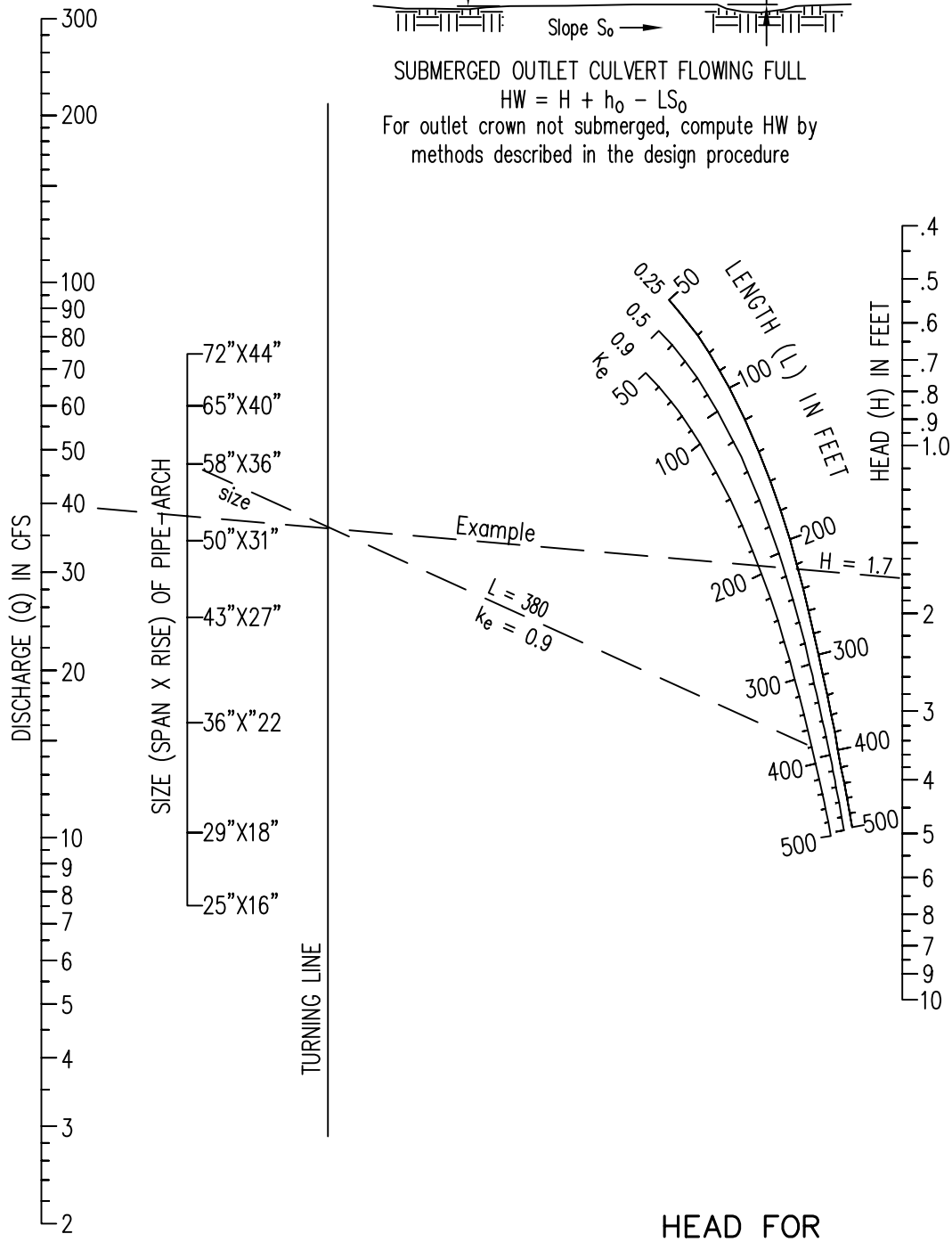
HEADWATER DEPTH FOR C. M. PIPE-ARCH CULVERTS WITH INLET CONTROL



SUBMERGED OUTLET CULVERT FLOWING FULL

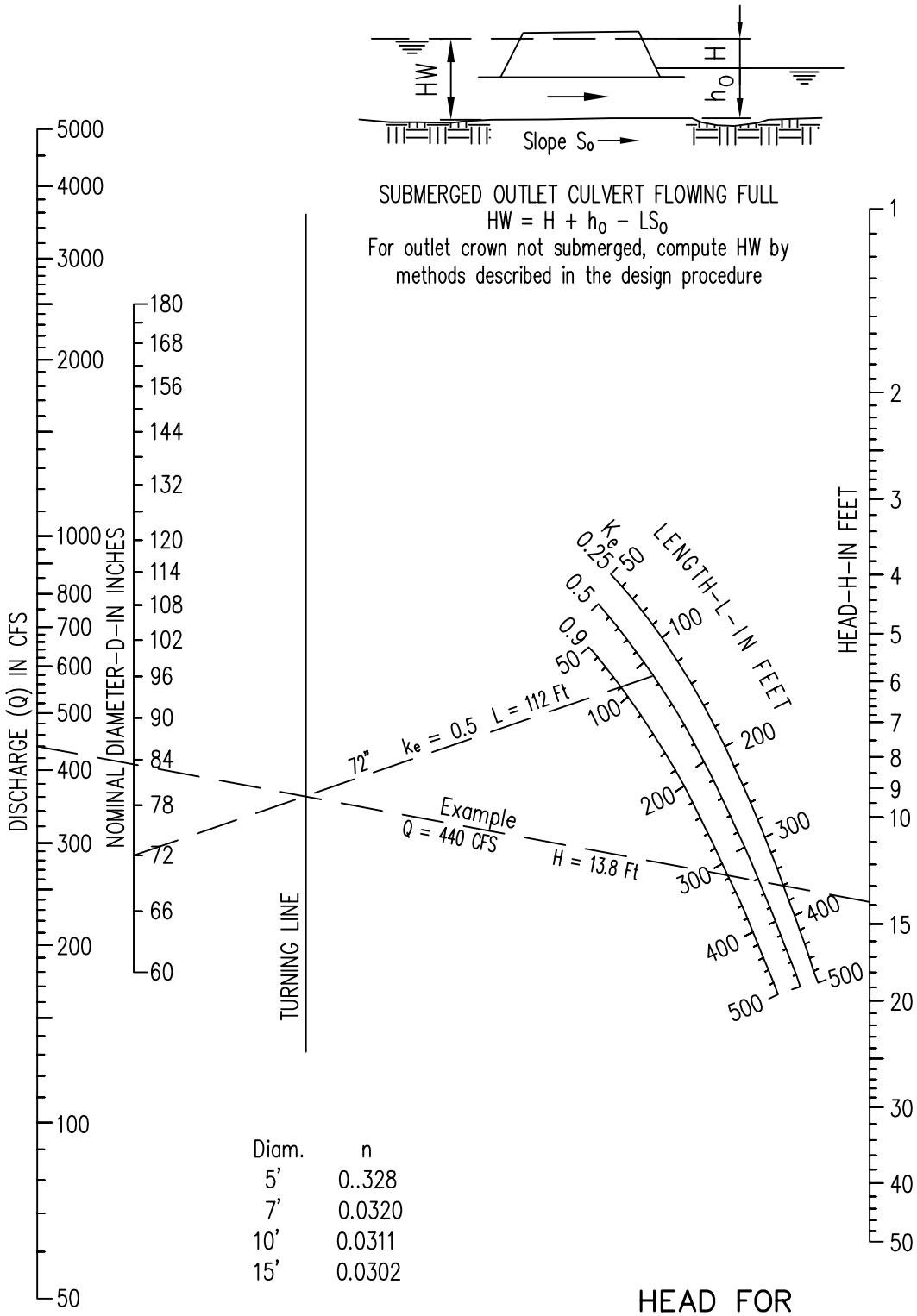
$HW = H + h_o - LS_o$

For outlet crown not submerged, compute HW by methods described in the design procedure



HEAD FOR
STANDARD C. M. PIPE-ARCH CULVERTS
FLOWING FULL
n=0.024

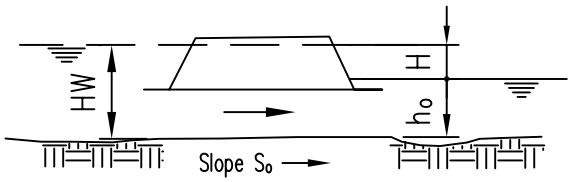
(Bureau of Public Roads Jan. 1963)



Diam.	n
5'	0..328
7'	0.0320
10'	0.0311
15'	0.0302

(Bureau of Public Roads Jan. 1963)

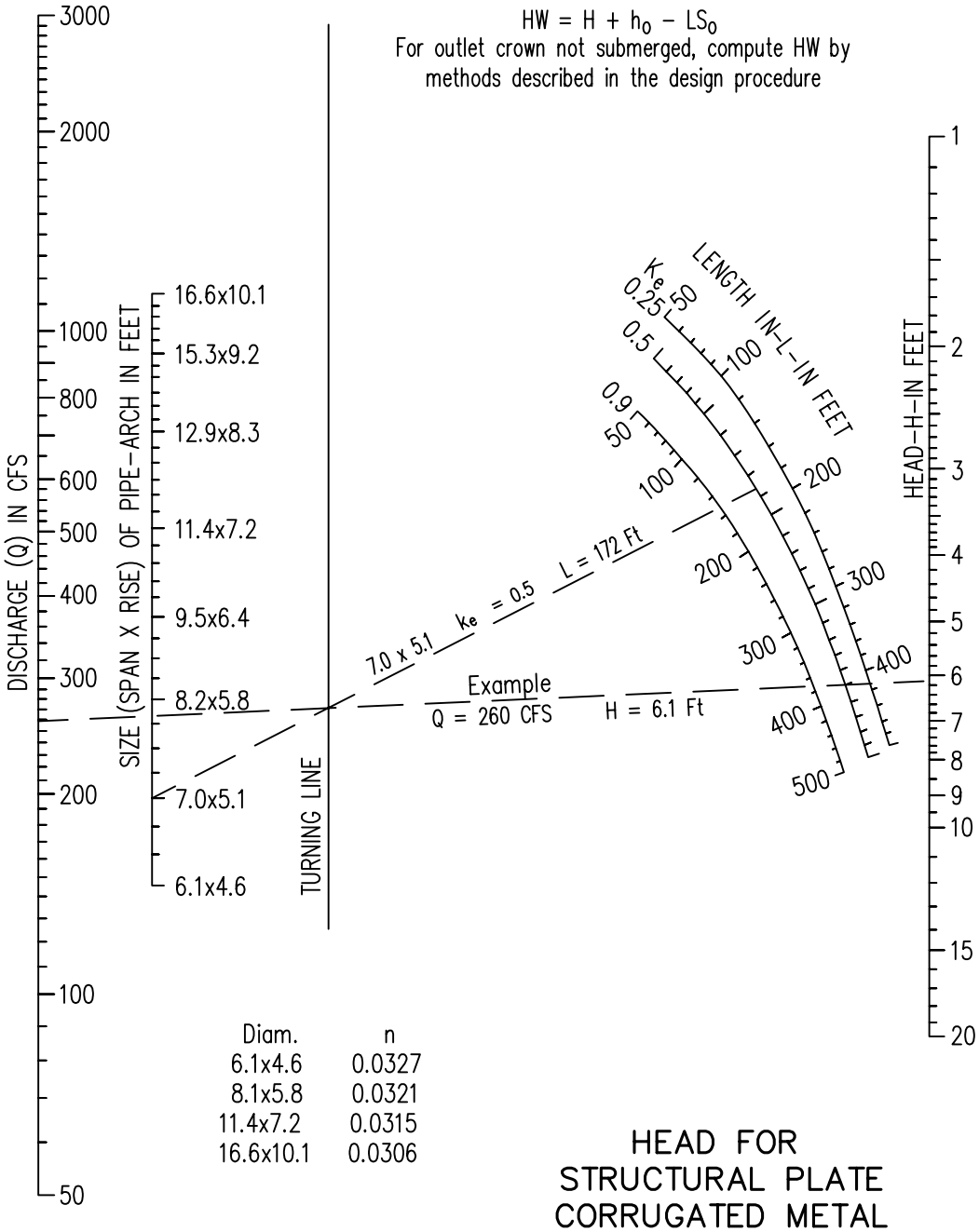
HEAD FOR
STRUCTURAL PLATE
CORR. METAL PIPE CULVERTS
FLOWING FULL
n=0.0328 TO 0.0302



SUBMERGED OUTLET CULVERT FLOWING FULL

$HW = H + h_o - LS_o$

For outlet crown not submerged, compute HW by methods described in the design procedure



Diam.	n
6.1x4.6	0.0327
8.1x5.8	0.0321
11.4x7.2	0.0315
16.6x10.1	0.0306

(Bureau of Public Roads Jan. 1963)

HEAD FOR
STRUCTURAL PLATE
CORRUGATED METAL
PIPE ARCH CULVERTS
18 IN. CORNER RADIUS
FLOWING FULL
n=0.0327 TO 0.0306