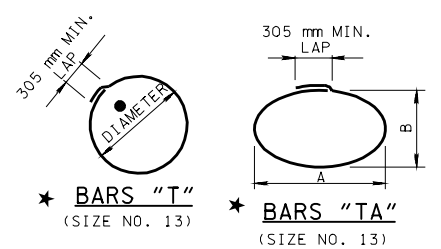


TYP. BARS FOR 2:1 SLOPE CONCRETE PIPE ROUND INLET OR SIDE TAPERED INLET

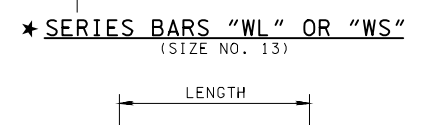
TYP. BARS FOR 2:1 CONCRETE PIPE ROUND INLET ONLY

TYP. BARS FOR 2:1 CONCRETE PIPE SIDE TAPERED INLET ONLY

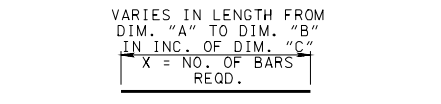
Main table with columns for PIPE SKEW, BARS F, FB, FC, WXL, WXS, SERIES BARS WYL, WYS, WL, WS, WLA, WSA, FA, FD, 4 BARS W, T, 2 BARS TA, and T.L. N.R. for various bar types.



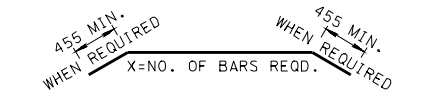
VARIES IN LENGTH FROM DIM. "A" TO DIM. "B" IN INC. OF DIM. "C" X = NO. OF BARS REQ'D.



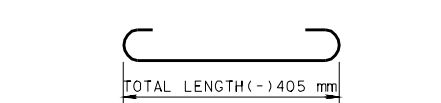
VARIES IN LENGTH FROM DIM. "A" TO DIM. "B" IN INC. OF DIM. "C" X = NO. OF BARS REQ'D.



VARIES IN LENGTH FROM DIM. "A" TO DIM. "B" IN INC. OF DIM. "C" X = NO. OF BARS REQ'D.



TOTAL LENGTH VARIES FROM DIM. "A" TO DIM. "B" IN INCREMENTS OF DIM. "C" (BEND IN FIELD AS REQUIRED) (SIZE NO. 20)



REINFORCING STEEL CODE

Table with 3 columns: TYPE, SIZE, SERIES. Row 1: TYPE A, SIZE 15, SERIES 06.



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAYS

BILL OF STEEL (SHEET 1 OF 4) CONCRETE ENDWALLS TYPE "B" (FOR CONCRETE ROUND AND SIDE TAPERED INLET, PIPE SIZE 375 mm-1950 mm, ALL SKEW, 2:1 SLOPE)

NOTE: FOR TOTAL LENGTH SEE BILL OF STEEL ABOVE.

DIAMETER = [STEEL PIPE SIZE + 150 mm CONCRETE PIPE SIZE + 305 mm]

NOTE: DIMENSIONS SHOWN ON THIS SHEET ARE OUTSIDE TO OUTSIDE OF BAR. STANDARD C.R.S.I. HOOK DETAILS SHALL APPLY, EXCEPT AS NOTED.

NOTE: N.R. OR X = NO. REQUIRED. T.L. = TOTAL LENGTH