

Case A1 When Curb & Gutter is to be continued beyond Drain, the Drain will end at this point and same connection with Curb & Gutter will be made as on other end. Space Dowel Bars d @ 4'-6" ctrs. Length of Basin = 20'-0"

Case B1 When Curb & Gutter is to be continued beyond Drain, the Drain will end at this point and same connection with Curb & Gutter will be made as on other end. Space Dowel Bars d @ 4'-6" ctrs. Length of Basin = 20'-0"

HALF PLAN 18' PAVING SLAB

HALF PLAN 20' PAVING SLAB

PLAN CASE A AND A1 18' SLAB

PLAN CASE B AND B1 20' SLAB

CURB & GUTTER TO BE PAID FOR PER LINEAR FOOT
DRAIN BASINS PAID @ UNIT BID PRICES ITEMS SHOWN

BILL OF MATERIAL & QUANTITIES FOR ONE DRAIN BASIN

Bar Mark	spacing	CASE A	CASE A1	CASE A2	CASE B	CASE B1	CASE B2
a		No Length	No Length	No Length	No Length	No Length	No Length
a1	10'	2 5'-9"	2 5'-9"	2 5'-9"	2 5'-9"	2 5'-9"	2 5'-9"
a2		1 9'-6"	1 9'-6"	1 9'-6"	1 9'-6"	1 9'-6"	1 9'-6"
a3		1 7'-9"	1 7'-9"	1 7'-9"	1 7'-9"	1 7'-9"	1 7'-9"
a4		1 6'-0"	1 6'-0"	1 6'-0"	1 6'-0"	1 6'-0"	1 6'-0"
b	See Sec 22	7 14'-9"	7 14'-9"	7 14'-9"	7 13'-9"	7 13'-9"	7 13'-9"
b1		1 5'-6"	1 5'-6"	1 5'-6"	1 4'-6"	1 4'-6"	1 4'-6"
b2		1 5'-2 1/2"	1 5'-2 1/2"	1 5'-2 1/2"	1 4'-2 1/2"	1 4'-2 1/2"	1 4'-2 1/2"
b3		1 4'-11"	1 4'-11"	1 4'-11"	1 3'-11"	1 3'-11"	1 3'-11"
b4		1 4'-7 1/2"	1 4'-7 1/2"	1 4'-7 1/2"	1 3'-7 1/2"	1 3'-7 1/2"	1 3'-7 1/2"
b5		1 4'-4"	1 4'-4"	1 4'-4"	1 3'-4"	1 3'-4"	1 3'-4"
b6		1 4'-0 1/2"	1 4'-0 1/2"	1 4'-0 1/2"	1 3'-0 1/2"	1 3'-0 1/2"	1 3'-0 1/2"
b7		3 3'-9"	3 3'-9"	2 3'-9"	3 2'-9"	2 2'-9"	2 2'-9"
c1		1 24'-9"	1 19'-9"	1 27'-9"	1 24'-9"	1 19'-9"	1 27'-9"
c2	See	1 22'-9"	1 19'-9"	1 27'-9"	1 21'-3"	1 19'-9"	1 27'-9"
c3	Various	1 20'-10"	1 19'-9"	1 27'-9"	1 14'-7"	1 14'-7"	1 23'-6"
c4	Plans	1 4'-7"	1 14'-7"	1 23'-6"	1 6'-5"	1 6'-5"	1 7'-0"
c5		1 6'-5"	1 6'-5"	1 7'-0"	-	-	-
d		6 3'-6"	5 3'-6"	6 3'-6"	5 3'-6"	5 3'-6"	6 3'-6"
d1	12"	4 3'-6"	3 3'-6"	8 3'-6"	3 3'-6"	3 3'-6"	6 3'-6"
e		2 4'-6"	2 4'-6"	2 4'-6"	2 4'-6"	2 4'-6"	2 4'-6"
f		1 12'-0"	1 13'-0"	-	1 12'-0"	1 13'-0"	-
f1		1 19'-0"	1 19'-0"	2 19'-0"	1 19'-0"	1 19'-0"	2 19'-0"
g		1 6'-3"	-	-	1 5'-9"	-	-
STEEL Lbs		296	293	351	260	257	304
CONCRETE cu. ft.		3.70	3.50	4.30	3.18	3.01	3.85

The above quantities are based on drains 7'-6" long. The lengths are to be determined in the field and Bill of Steel corrected. For each 1'-6" correction in length add or subtract 1 bar a, correct length of 7 bars b and bars f and f1. All other steel remains as listed. For each 1'-0" correction in length use factor .0988 cu. yds. for concrete. All Steel shall be 1" Deformed Bars. All Concrete to be Class "A-4". No direct payment will be made for the tar paper, cost for this shall be included in price bid for Concrete. The Curb & Gutter shall be paid for actual number of linear feet laid, which unit price shall include the furnishing of tar paper and dowels. Louisiana Highway Commission Specifications to govern. All exposed surfaces to be given a smooth finish.

Discard

STANDARD PLAN
SURFACE DRAIN BASINS
CURBS AND GUTTERS
FOR
18' & 20' PAVING SLAB 30' CROWNS AND
WITH BRIDGE SLABS OF 24'-0"
4-135, VOID, Replaced by C-M-102
LOUISIANA HIGHWAY COMM'N.
BATON ROUGE, LA. OCT. 1932
Designed by R.H. McMillan
Checked by J.H. McMillan
In Charge of Bridge Designing Engineer