

Bill of Reinf. Steel for One Up Stream Wingwall

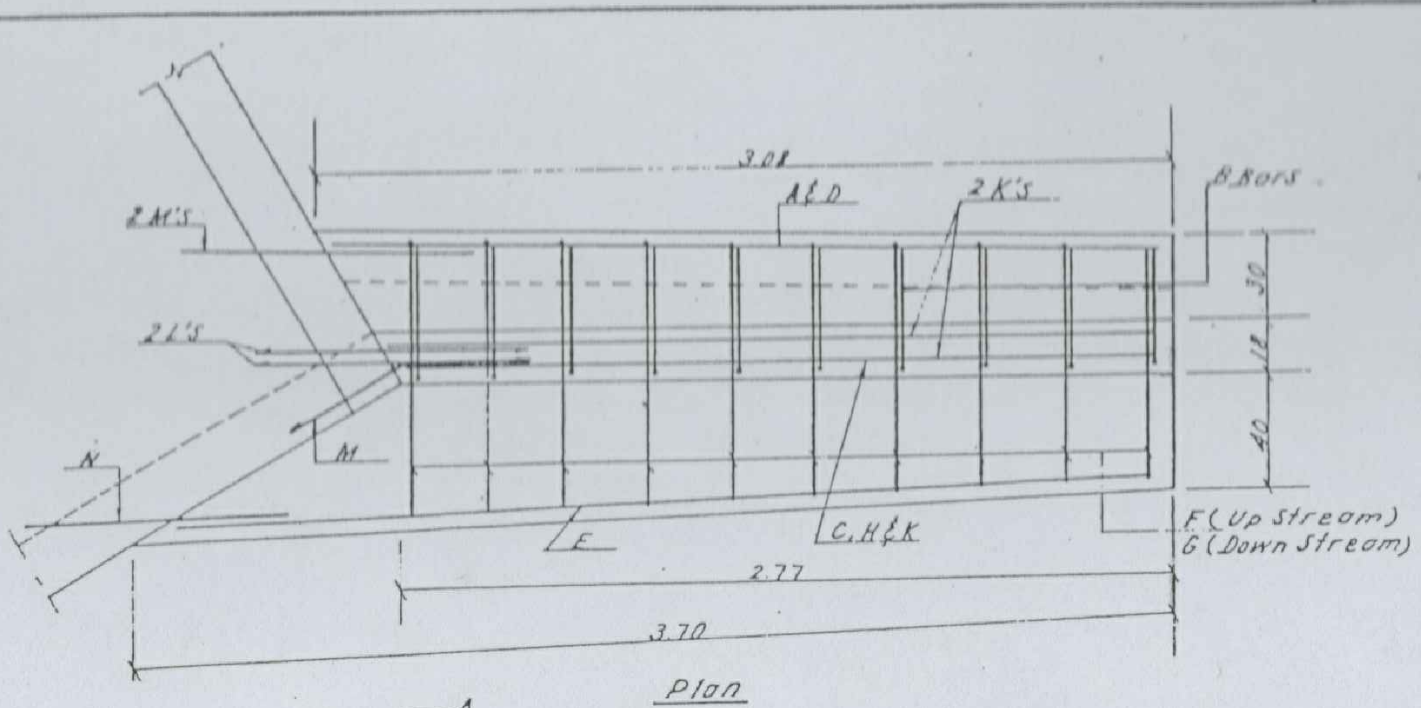
Bar No.	Size	Length (m)	Wt (Kgs)
1	12	3.18	2.81
2	12	6.54	5.85
3	12	11.00	9.85
4	12	2.88	2.55
5	12	3.18	2.81
6	16	3.80	6.00
7	12	3.15	2.85
8	12	8.10	8.10
9	12	7.30	6.55
10	16	8.20	9.80
11	12	2.40	5.92
12	12	7.00	6.23
13	16	1.00	1.58
Total			68.90

Estimated Quant. for One Up Stream Wingwall

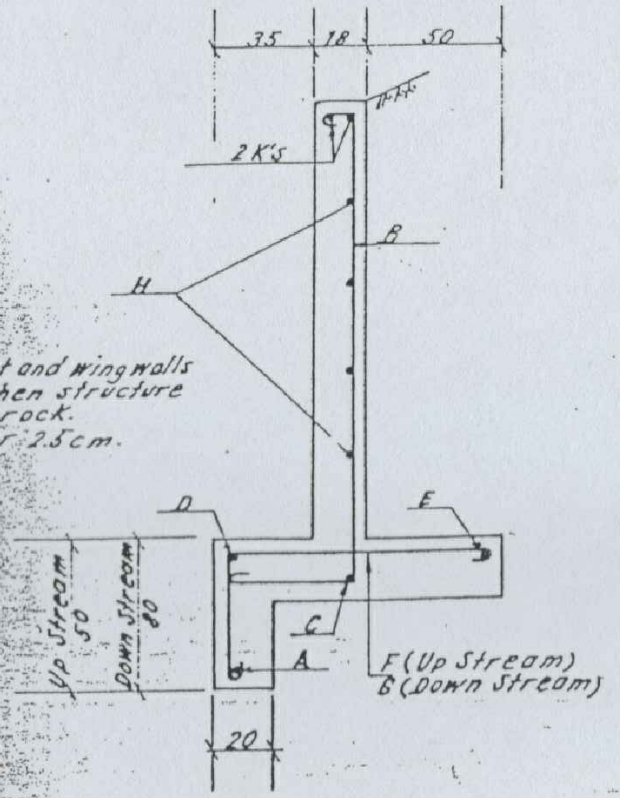
Item	Unit	Quant
Concrete	Cubic m	1.17
Reinf. Steel	Kgs	68.90

Additional Quant. for Down Stream Wingwall

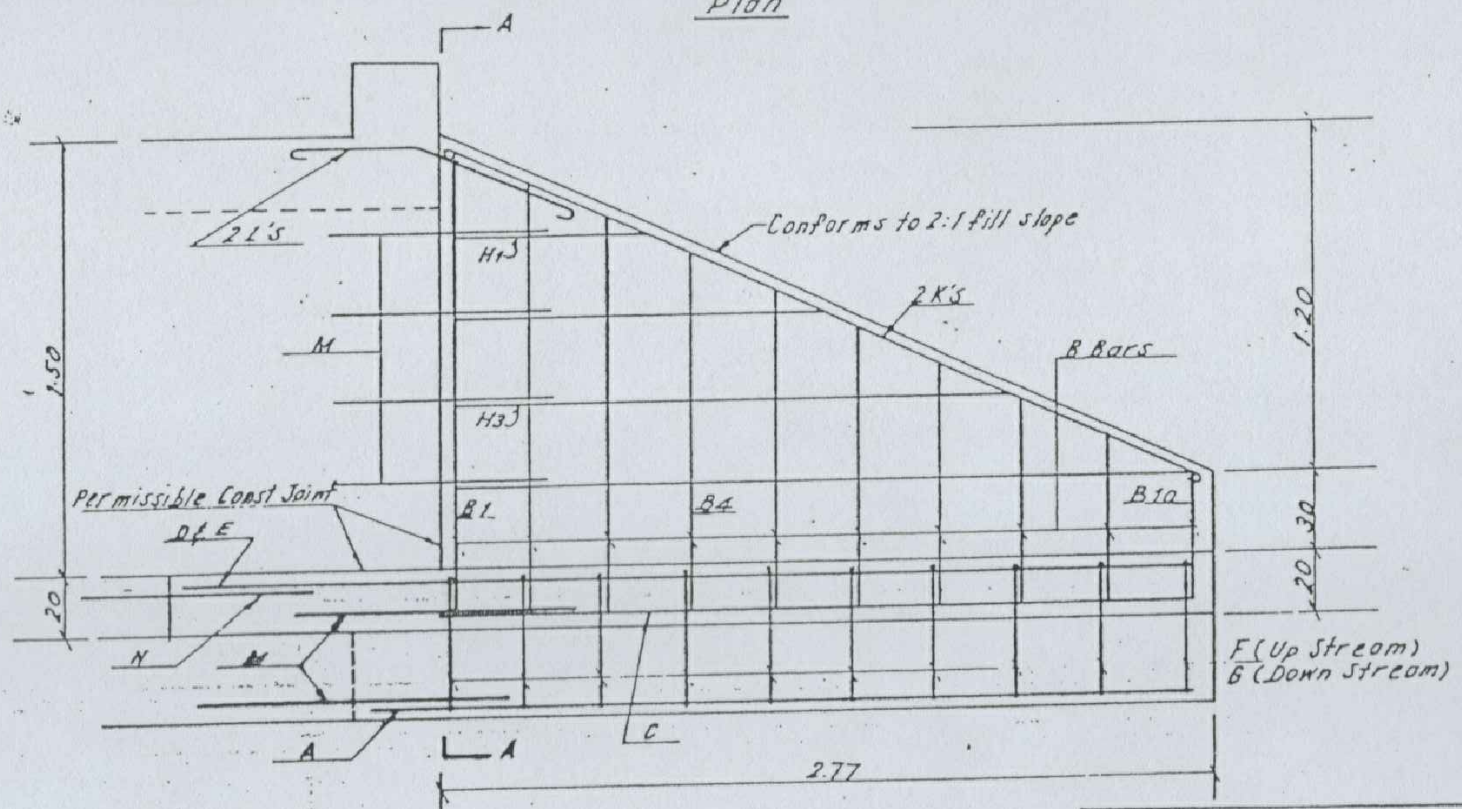
Item	Unit	Quant
Concrete	Cubic m	0.17
Reinf. Steel	Kgs	2.68



Plan



Sec. A-A



Elevation

Note:
Walls for culvert and wingwalls shall be omitted when structure founded on solid rock.
Concrete cover 2.5cm.

MINISTRY OF PUBLIC WORKS	
BRIDGE SECTION	
30° FLARED WING WALL 1.50 m.	
SHEET N ^o . 15	1-1-1972