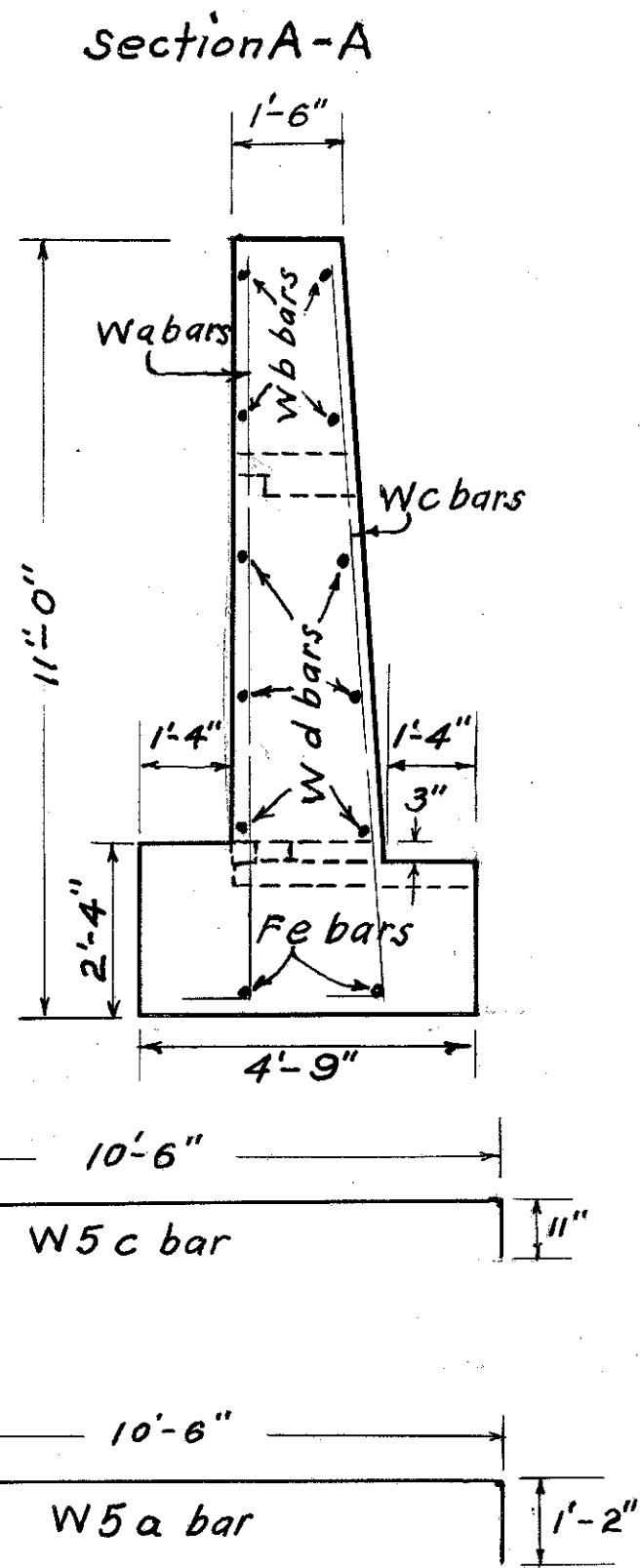


BAR LEGEND				
Mark	Size	No.	Length	Wt. Lbs.
W5a. Bt.	5	6	11'-5"	71.446
W5b. St.	5	4	14'-8"	61.162
W5c. Bt.	5	6	11'-8"	72.968
W5d. St.	5	12	4'-2"	52.150
F5e St.	5	2	14'-8"	30.581
Total =				288.307



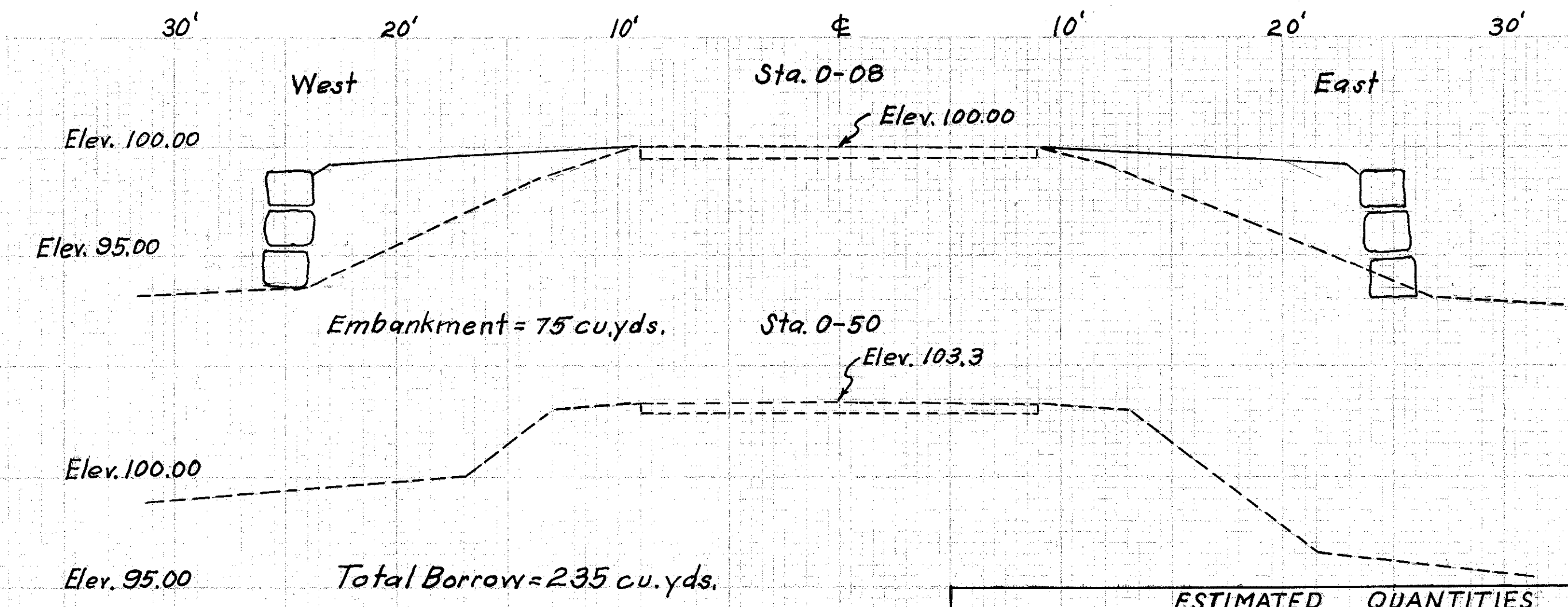
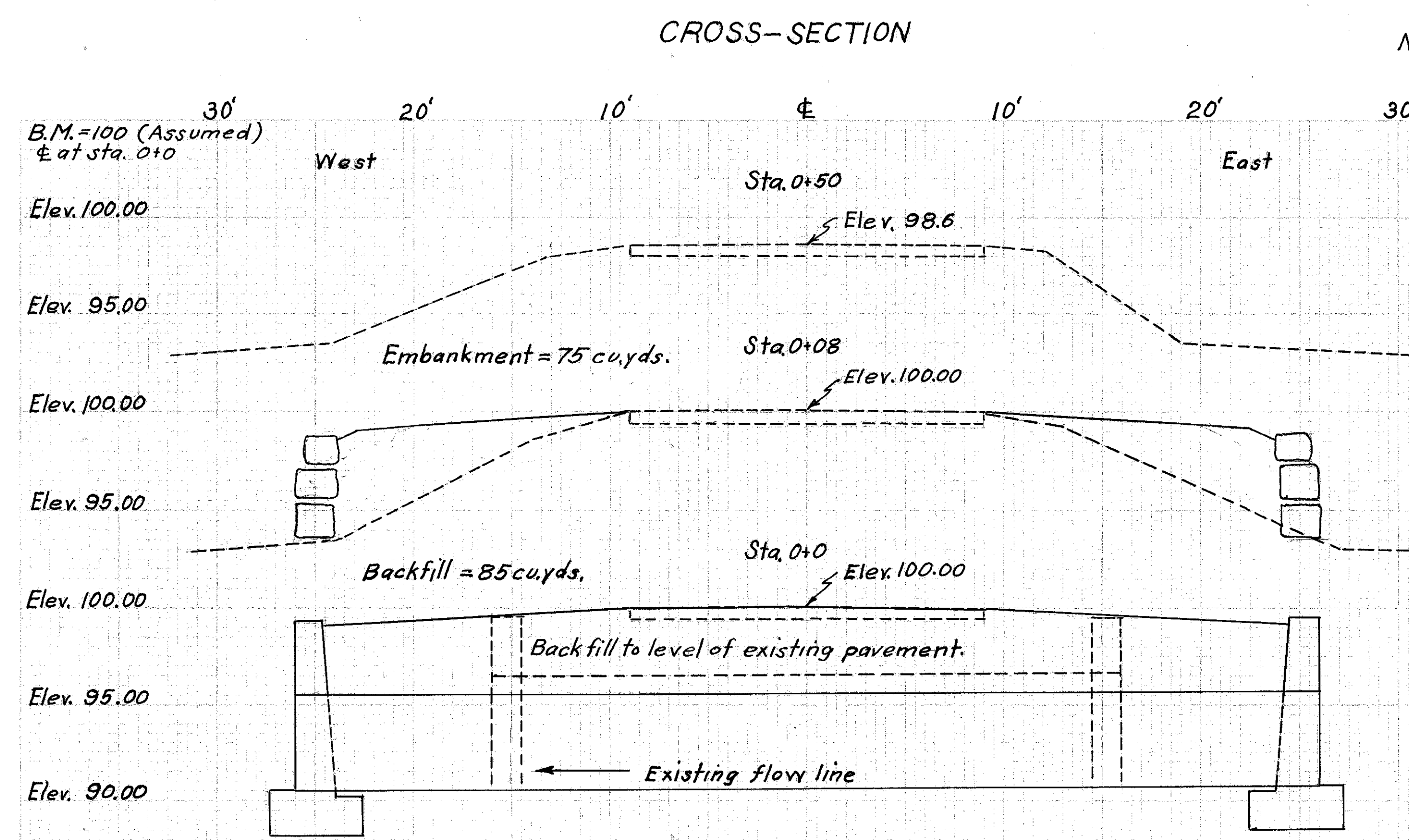
12.5 cu.yds. Concrete, class 'C'

PROPOSAL NO. 4  
LAKE COUNTY - S.R. 86  
SECTION-2.01  
STRUCTURE NO. LAK.86-0511

WORK REQUIRED:- Remove existing 4'x6'x32' stone arch culvert and construct a new culvert by placing 52 lin. ft. of 60" reinforced concrete pipe at existing flow line. Build headwalls as per plan. Backfill to elevation of existing pavement. Fill in berms and reshape ditches as shown by cross-section area. Salvaged stone to be placed for slope protection as directed by the Engineer. Guard rail to be carefully removed and stored and then replaced after fill for embankment has been completed.

Asphaltic concrete pavement to be replaced by the State Maintenance Department.

Note: Quantities listed are for one head wall only.



Embankment calculated to limits of existing structure.

ESTIMATED QUANTITIES		
Item No.	Quantities	Description
E-2	20 cu.yds.	Excavation. (Wet)
E-4	235 cu.yds.	Borrow. (Backfill and embankment)
S-1	25 cu. yds.	Concrete, class 'C'. (Headwalls)
S-4	577 lbs.	Reinforcing steel (Headwalls)
S-24	Lump	Removal of existing stone arch culvert. (Including pavement removal and any necessary excavation.)
S-27	52 lin. ft.	60" Reinforced concrete pipe. M-6.6(c)
I-10	30 sq. yds.	Riprap. (salvaged stone)
I-15	192 lin. ft.	Guard rail removed and replaced.