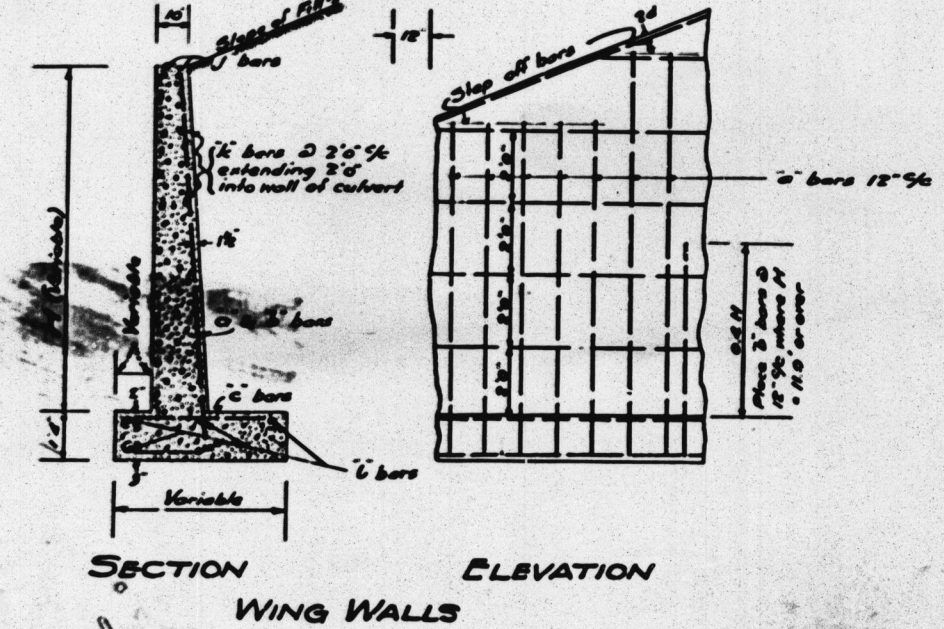
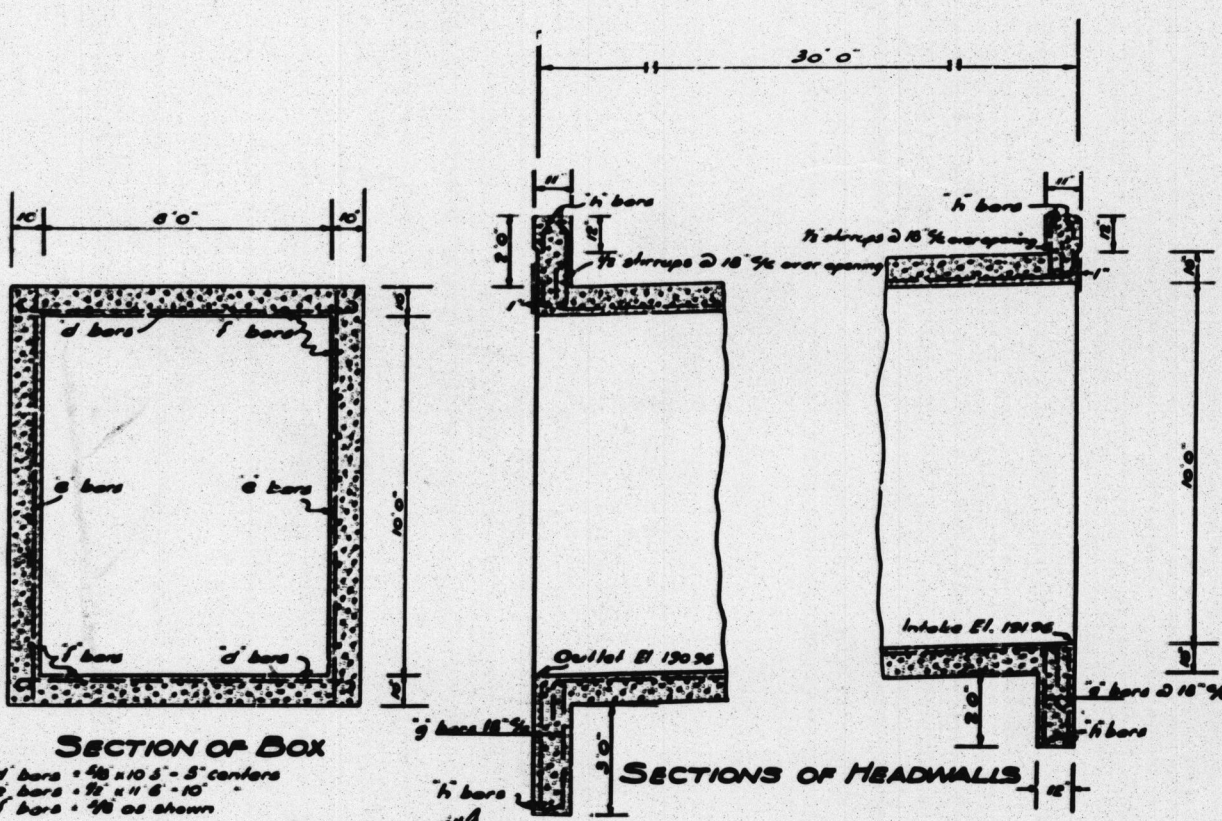
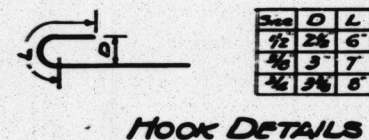


S-209-Concrete Box Culvert
Fremont Canyon Rd.
Sheet 1 of 1
Red. 30:1 Scale 3/8"=1'-0"
11mm



APPROXIMATE QUANTITIES
Concrete 600 c.y.
Steel 4900 lbs

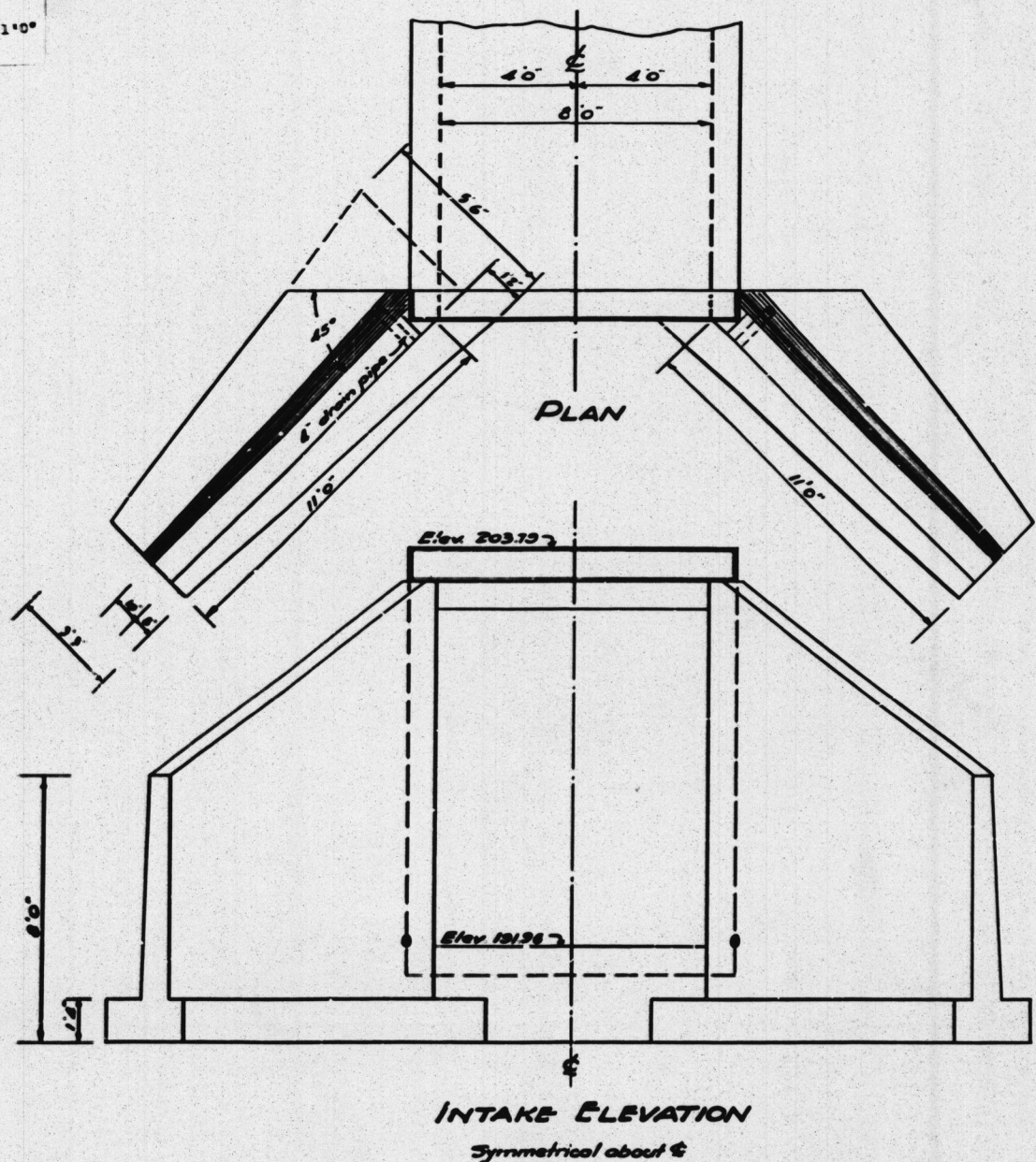


TABLE OF REINFORCING STEEL

INTAKE HEADWALL & WINGS			
6" bars 1/2" square deformed bars 4 @ 5'1"	7'8"	11'0"	
6" - - - - - 2 - 5'5"	7'8"	11'0"	
6" - - - - - 4 - 11'4"	8'8"	11'0"	
6" - - - - - 4 - 11'5"	8'8"	11'0"	
6" - - - - - 4 - 11'5"	8'8"	11'0"	
6" - - - - - 4 - 11'5"	8'8"	11'0"	
6" - - - - - 2 - 7'10"	8'8"	11'0"	
6" - - - - - 2 - 8'1"	8'8"	11'0"	
20' x 3'0" x 3'0" 40' x 3'5" x 4'5" 20' x 5'10" x 4'10"	2'8"	11'0"	
20' x 3'0" x 4'0" 20' x 3'5" x 4'5" 20' x 4'0" x 5'0"	2'8"	11'0"	
20' x 3'5" x 4'5" 20' x 4'0" x 5'0" 20' x 4'5" x 5'5"	2'8"	11'0"	
6" bars 1/2" square deformed bars 16 @ 2'5"	2'8"	11'0"	
6" - - - - - 4 @ 5'5"	2'8"	11'0"	
6" - - - - - 4 @ 11'0"	16'0"		
6" - - - - - 6 @ 11'0"	60'0"		
6" - - - - - 4 @ 11'0"	44'0"		
6" - - - - - 2 @ 11'0"	22'0"		
Stirrups - - - - - 7 @ 4'5"	17'0"		

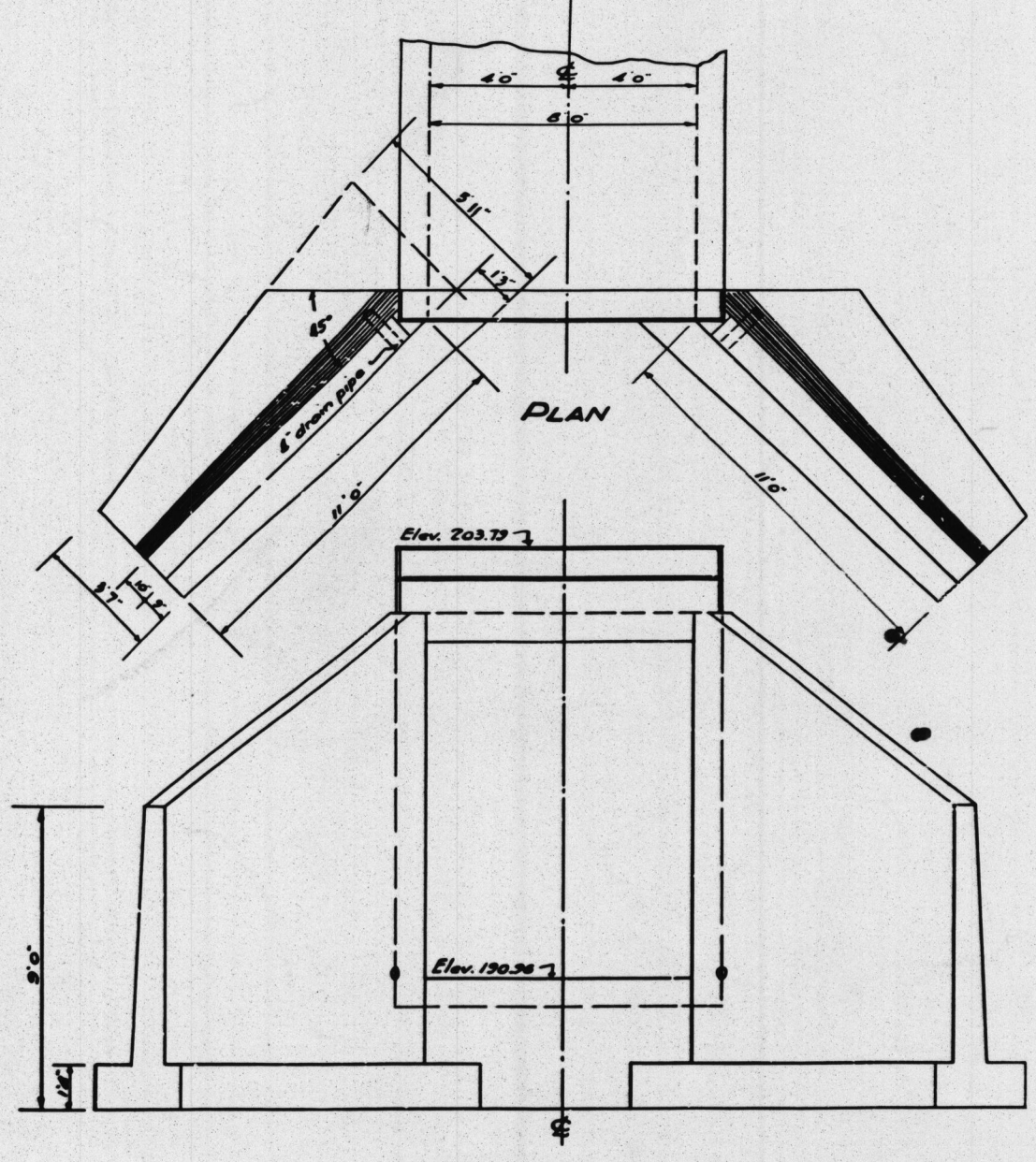


TABLE OF REINFORCING STEEL

OUTLET HEADWALLS & WINGS			
6" bars 1/2" square deformed bars 2 @ 10'5"	22'8"	11'0"	
6" - - - - - 4 @ 11'5"	22'8"	11'0"	
6" - - - - - 4 @ 11'7"	22'8"	11'0"	
6" - - - - - 4 @ 11'5"	22'8"	11'0"	
6" - - - - - 4 @ 11'5"	22'8"	11'0"	
6" - - - - - 2 @ 11'0"	22'8"	11'0"	
6" - - - - - 2 @ 11'0"	22'8"	11'0"	
6" - - - - - 2 @ 11'0"	22'8"	11'0"	
6" - - - - - 2 @ 11'0"	22'8"	11'0"	
6" - - - - - 2 @ 11'0"	22'8"	11'0"	
20' x 11'0" x 4'1" 40' x 11'5" x 4'5" 20' x 11'5" x 4'5"	2'8"	11'0"	
20' x 11'5" x 4'5" 20' x 11'5" x 4'5" 20' x 11'5" x 4'5"	2'8"	11'0"	
20' x 11'5" x 4'5" 20' x 11'5" x 4'5" 20' x 11'5" x 4'5"	2'8"	11'0"	
6" bars 1/2" square deformed bars 16 @ 2'5"	2'8"	11'0"	
6" - - - - - 4 @ 5'5"	2'8"	11'0"	
6" - - - - - 4 @ 11'0"	16'0"		
6" - - - - - 6 @ 11'0"	60'0"		
6" - - - - - 4 @ 11'0"	44'0"		
6" - - - - - 2 @ 11'0"	22'0"		
Stirrups - - - - - 7 @ 4'5"	17'0"		

ORANGE COUNTY ROAD DEPARTMENT
DETAILS OF
CONCRETE BOX CULVERT
FREMONT CANYON ROAD
AT STA. 24+50
Scale 3/8"=1'-0"

Sept. 1937
Approved
#14623 1937
S-209
FREMONT CYN RD.
Thomas 801-A4