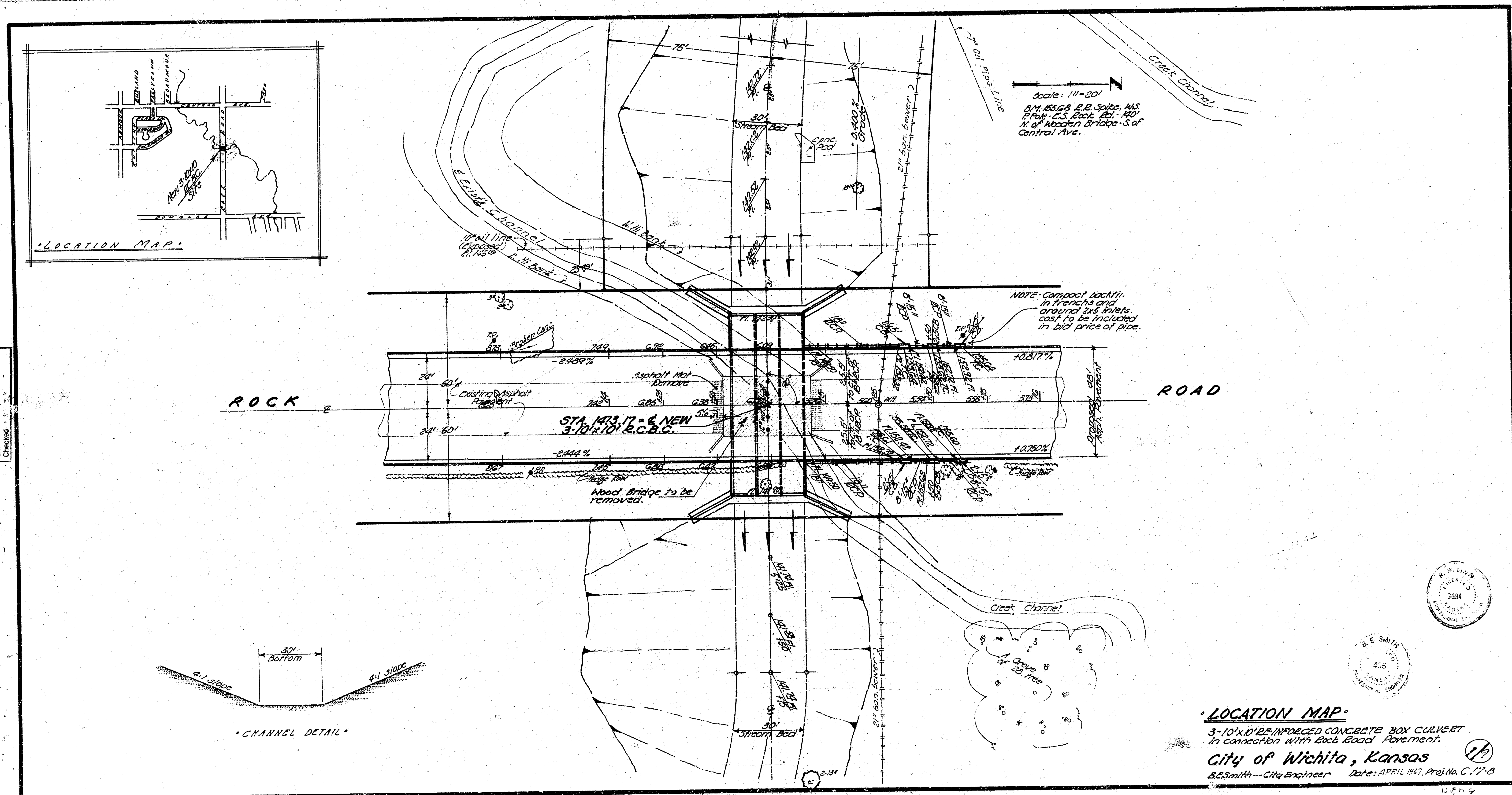
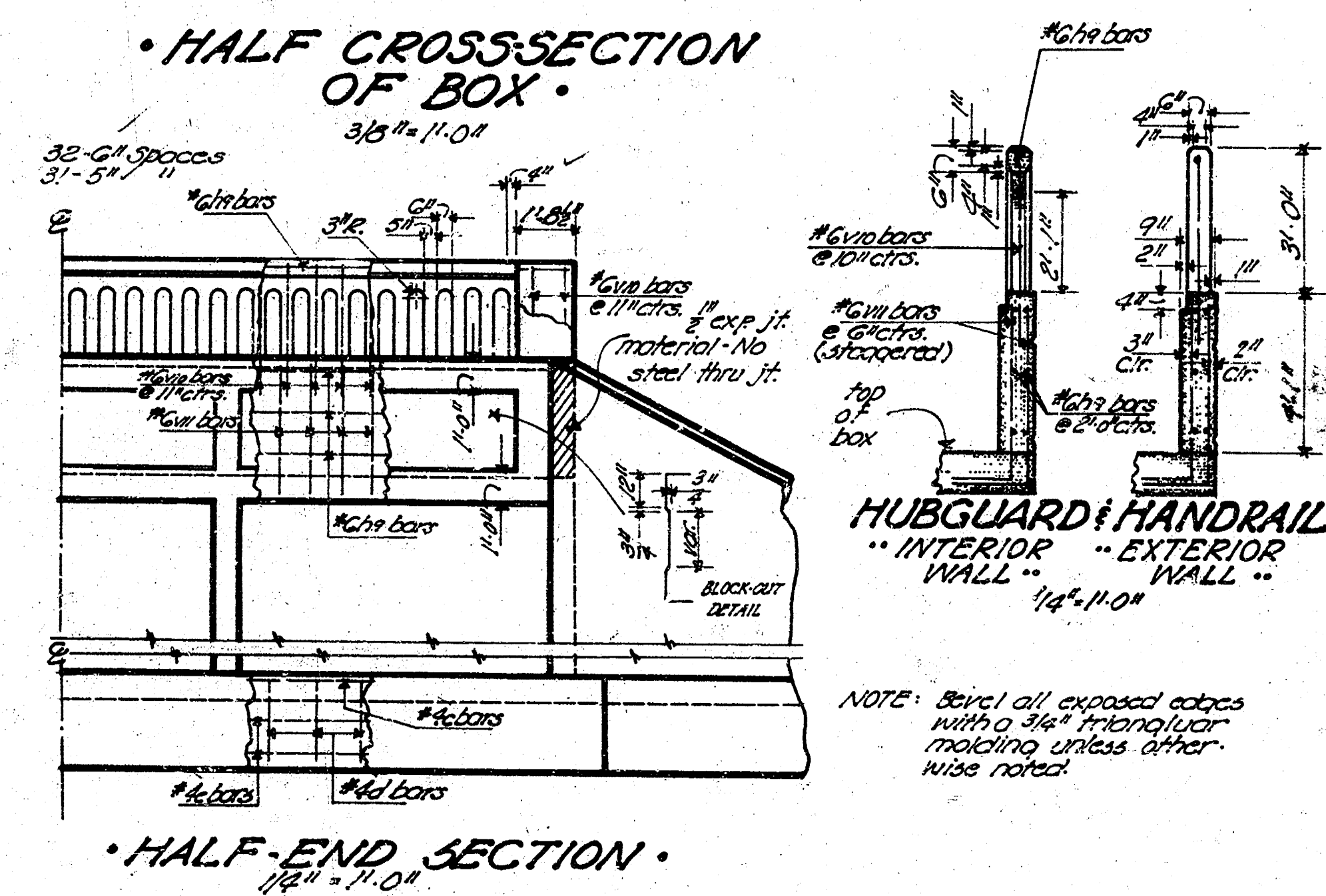
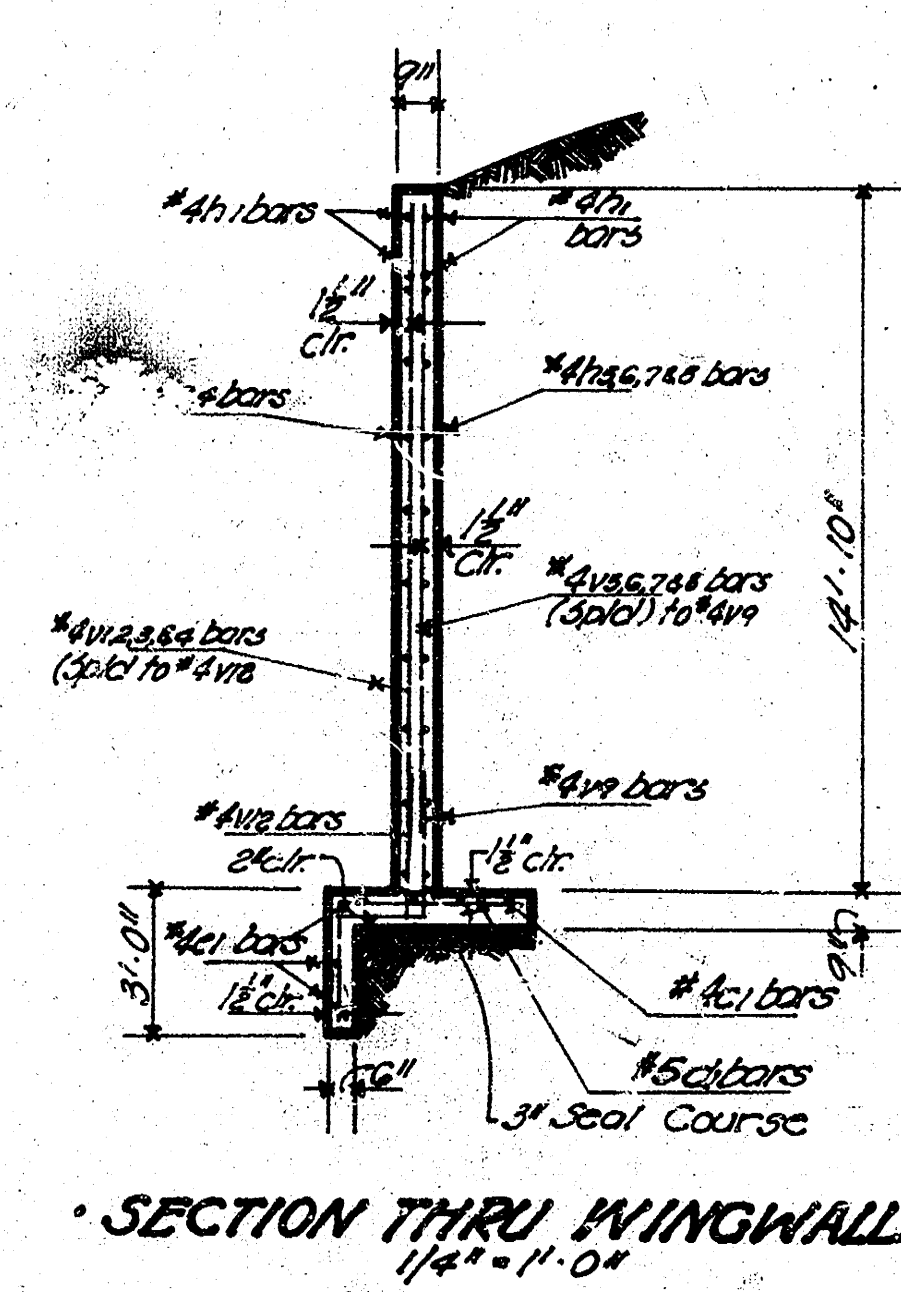
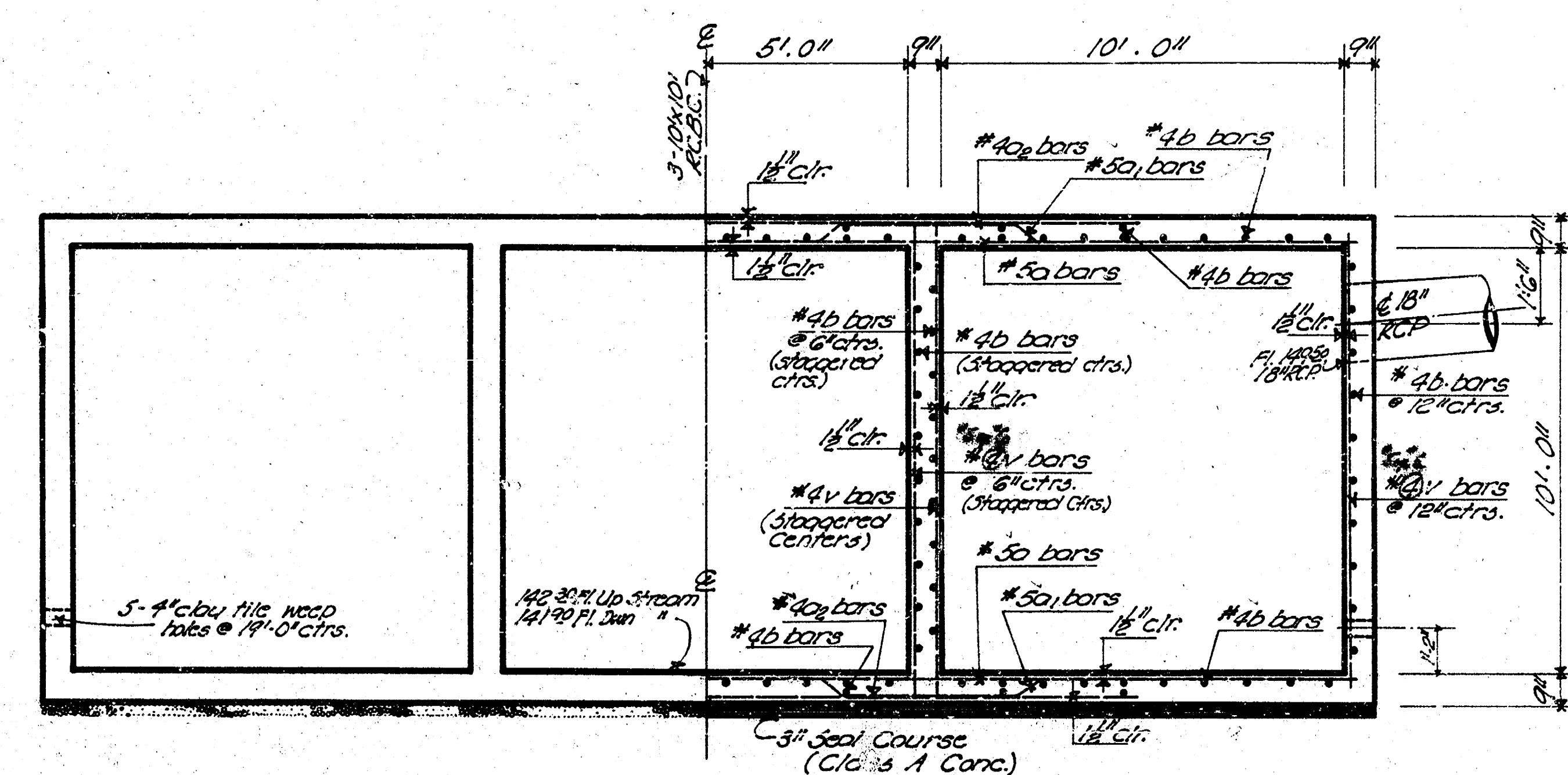
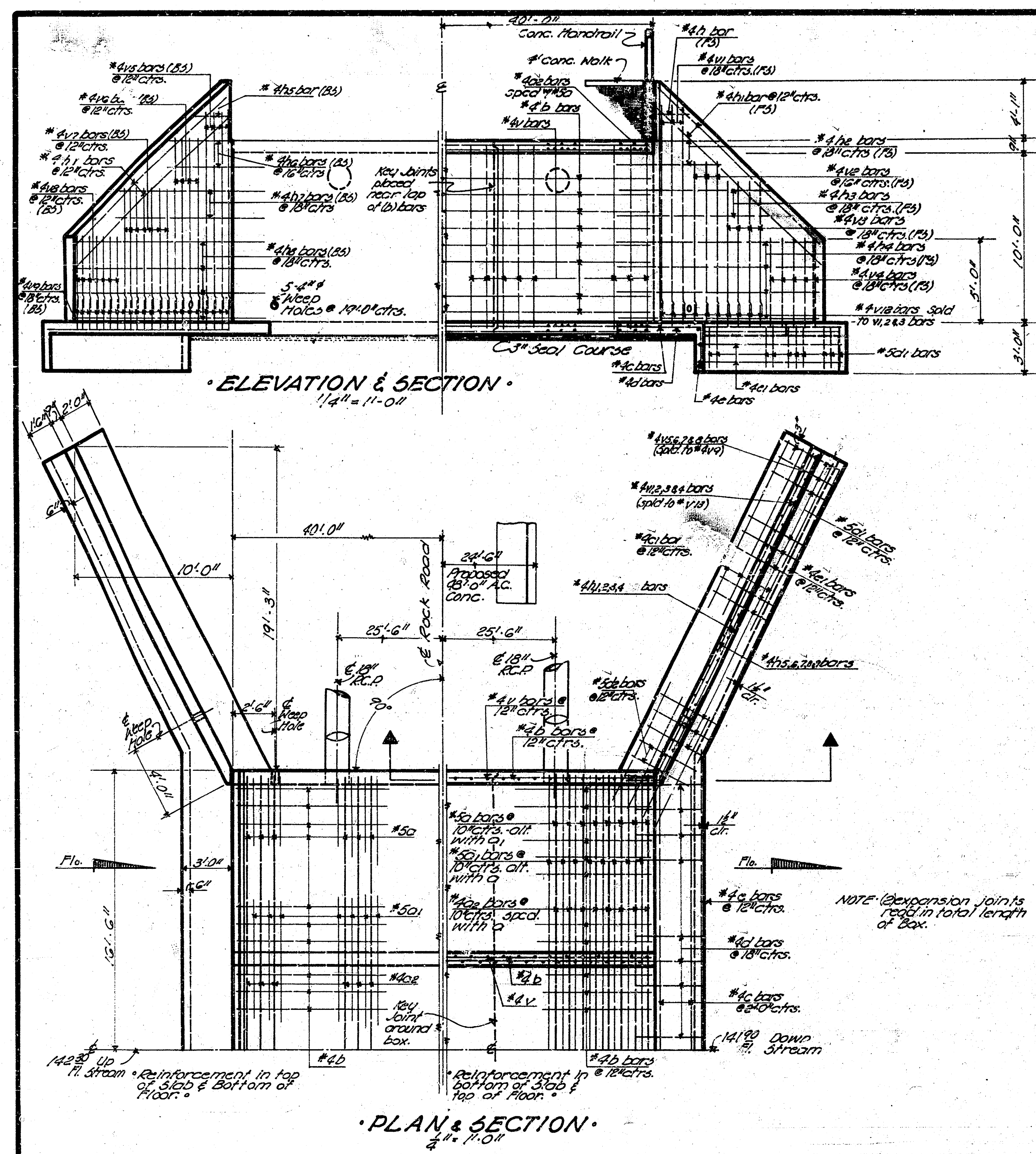






• **DETAIL SHEET** •
Proj. No. _____

BAR SCHEDULE						
bar	size	length	number	location	shape	weight
a	#5	32'-9"	122	box	U	6558.4
a1	#5	33'-1 1/4"	120	box	U	6536.1
a2	#5	10'-9"	132	box	U	1338.9
b	#5	27'-6"	390	box	U	7164.4
c	#4	32'-0"	4	apron	—	85.3
c1	#4	32'-0"	16	minwall	—	256.5
c2	#5	7'-2"	24	apron	—	215.5
c3	#5	6'-6"	72	minwall	—	515.2
d1	#5	4'-0"	6	"	—	53.6
d2	#5	35'-6"	6	apron	—	142.3
d3	#5	19'-6"	12	minwall	—	156.3
e	#5	2'-0"	4	"	—	10.7
f	#5	23'-3 1/4"	16	"	—	246.5
f1	#4	17'-0"	6	"	—	89.5
f2	#4	17'-6"	6	"	—	93.5
f3	#4	23'-6"	16	"	—	251.2
g	#5	4'-0"	6	"	—	10.7
g1	#5	17'-6"	6	"	—	89.5
g2	#5	23'-6"	16	"	—	251.2
h	#5	32'-6"	16	subgrade	—	333.4
h1	#5	11'-3 1/4"	480	box	U	3607.2
h2	#4	11'-0"	12	minwall	—	92.2
i	#4	7'-0"	16	"	—	72.8
i1	#4	6'-6"	20	"	—	73.5
i2	#4	11'-6"	16	"	—	122.2
j	#4	2'-0"	16	"	—	16.6
j1	#4	2'-0"	28	"	—	150.9
j2	#4	4'-0"	28	"	—	248.8
j3	#4	4'-6"	28	"	—	274.3
k	#6	4'-6"	72	handrail	—	500.2
k1	#6	4'-0"	132	handrail	—	1089.5
k2	#6	2'-6"	40	minwall	—	66.8

• GENERAL NOTES •

• **CLASS A-AS Concrete:** shall be used throughout this project. All Reinforcing Steel shall conform to A.S.T.M. Specifications. The Bridge Contractor shall remove and dispose of the existing Wooded Bridge Structure.

• **SETBACKS:** all earthwork shall be considered as "Common Excavation" except for the item.

• **Excavation:** shall be included in "Lump Sum Bid".

• **BACKFILL:** shall be compacted to the bottom of new pavement grade. All backfill and excavation to extend to (2') beyond sides of box & minwall.

• **WEED HOLES:** coarse aggregate shall be deposited behind each weep hole to occupy a space extending (10') in all directions above weep hole Rowline. This work shall not be paid for directly, but shall be considered a part of the excavation work.

• **SEAL COURSE:** a seal course consisting of (3") Class A concrete shall be constructed only where specified on the plans or by the Engineer. No reinforcing shall be placed until the seal course has gained sufficient strength to permit walking upon it without injury.

• **BIDDING OF CULVERTS:** the culvert shall be bid as a "Lump Sum Bid" except for the following items:

• **Culverts common excavation, culverts, compacted fill, class A concrete, lin. ft. 12" E.C.R., lin. ft. 15" E.C.R., 2x5 inlets, and clearing of R.O.W. —** The quantities shown in the "BILL OF MATERIALS" for items which are included in the "Lump Sum Bid" of the culvert are for "INFORMATION PURPOSES ONLY." The Contractor must satisfy himself to the quantities and the Engineer assumes no responsibility for their accuracy. The Contractor will have the full responsibility for providing all materials shown on the detailed plans necessary to complete this project.

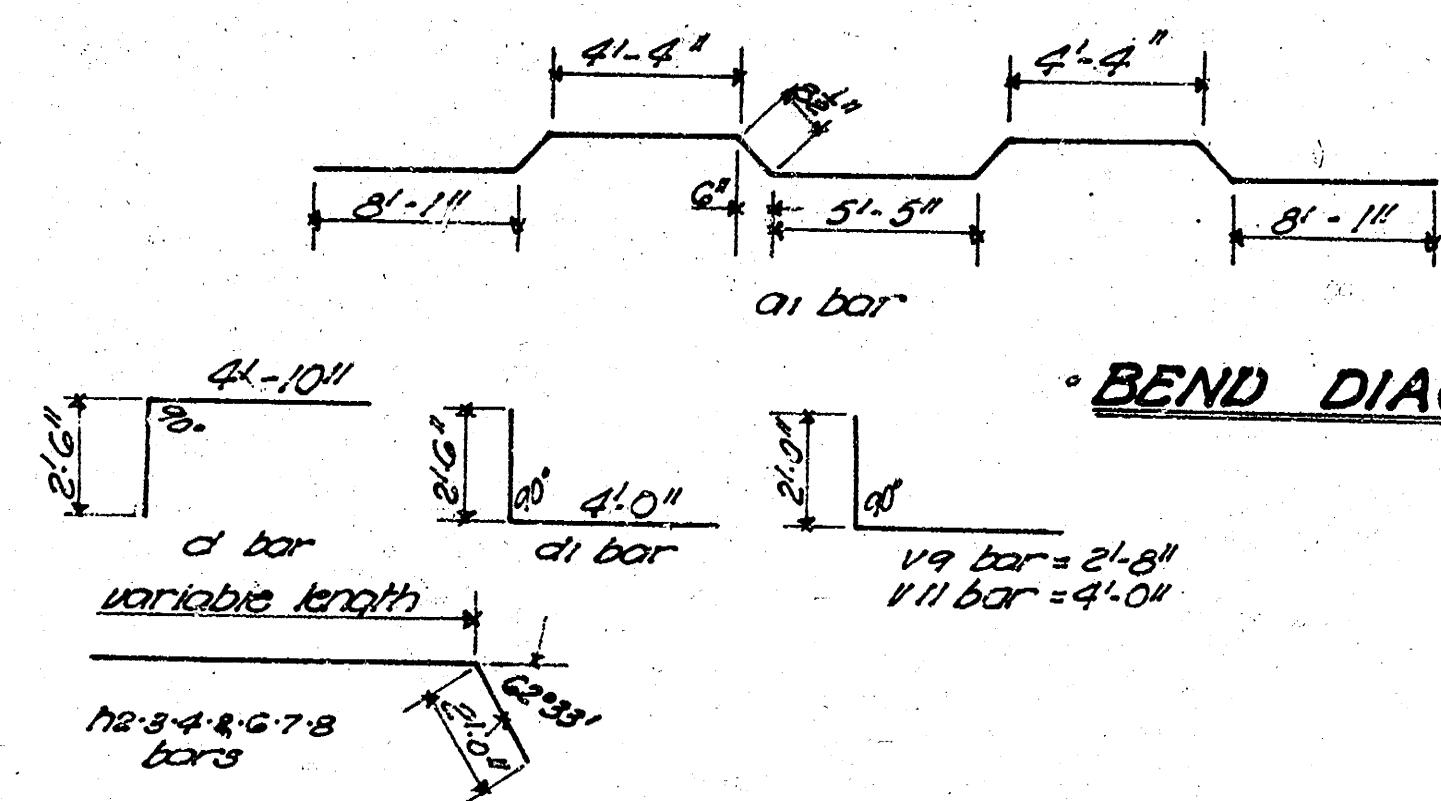
• **CLEARING RIGHT-OF-WAY:** will include the following: Asphalt Surface rem., Hedge, Tree rem. conc. rem., Existing wood bridge struc. rem. & any other obstruction hindering the construction of this project.

BILL OF MATERIALS		
Item	Quantity	Unit
Class A-AS Concrete	239.15	cu. yds.
Reinforcing Steel	818.00	lbs.
Concrete Handrail	16	lin. ft.
Hand Excavation	6.80	cu. yds.
Wood Bridge Structure Rem.	1	each
2x5 Brns. Inlets	100	each
12" Bent. Concrete Pipe	100	lin. ft.
15" Bent. Concrete Pipe	480	lin. ft.
Common Excavation	792.6	cu. yds.
Compacted Fill	102.4	cu. yds.
Class A Concrete	23.30	cu. yds.
Asphalt Surface Removed	—	sq. yds.
Hedge Removed	—	lin. ft.
Trees Removed	—	each

Lump Sum

Bid Items

(*) Clearing Right-of-Way (See Note)

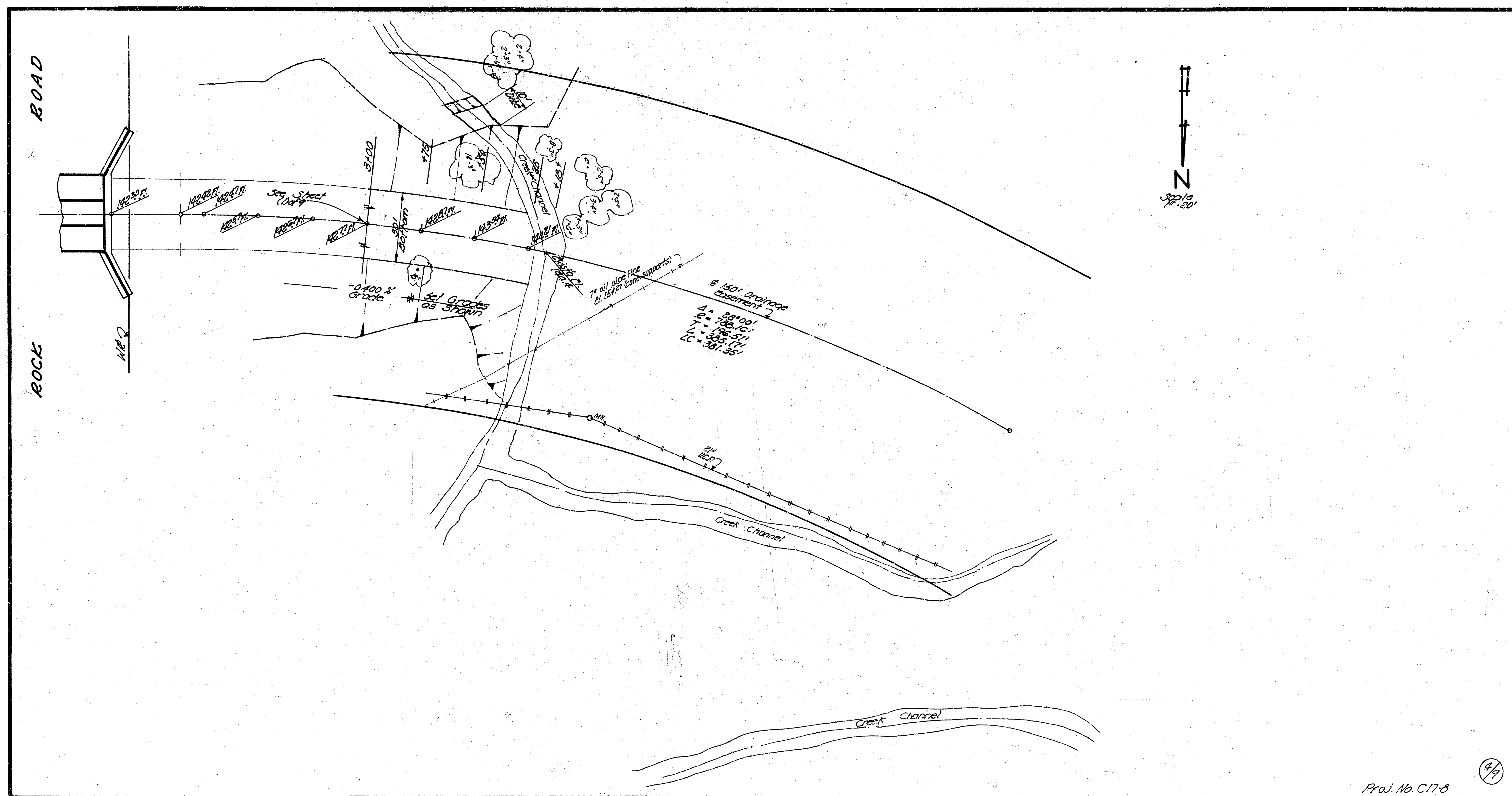


• BEND DIAGRAM •

• DETAIL SHEET •
Proj. No.

3/2

10 - E x 9
1 - W x 4



Proj. No. C17-8

4/5

10 - Eng
1 - H. J. Lee

