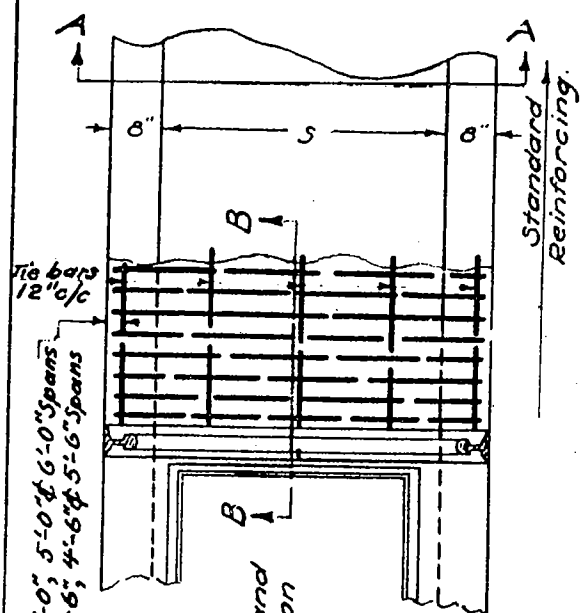
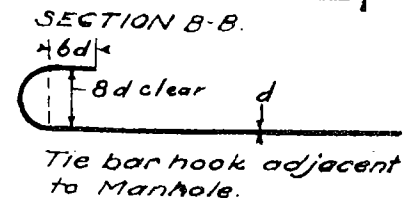
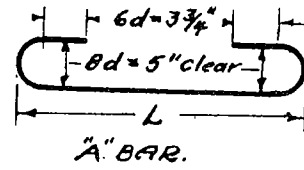
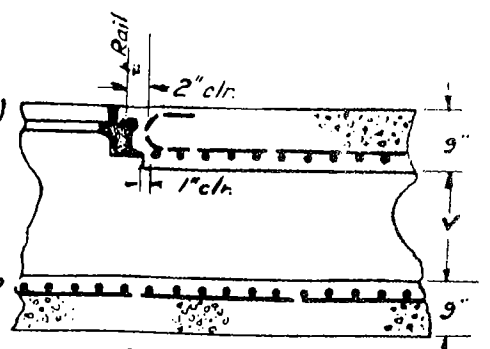


Exc. C.Y. p. lin. ft. = $(D+V+18)(35+10)(.00103)$
D and V are in inches.
5" in ft.

Form surface:
 $p. ft. = S + 4V + 2.92$
5" + V" in ft.

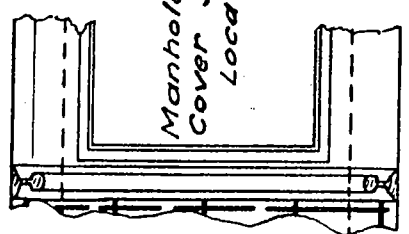


STANDARD REINFORCING.

Span-S	A-BARS			
	Size	Ctr's	L	Length
2'-6"	5/8"	7 1/2"	3'-8"	5'-3"
3'-0"	5/8"	6 1/2"	4'-2"	5'-9"
3'-6"	5/8"	6"	4'-8"	6'-3"
4'-0"	5/8"	5 1/2"	5'-2"	6'-9"
4'-6"	5/8"	5"	5'-8"	7'-3"
5'-0"	5/8"	5"	6'-2"	7'-9"
5'-6"	3/8"	4 1/2"	6'-8"	8'-3"
6'-0"	5/8"	4"	7'-2"	8'-9"

Length = $L + (1'-7")$
 Note = Splice all bars 40 diameters at laps.
 Tie bars to be 5/8" φ bars placed as shown
 All bars to be deformed.

1 5/8" Clr. for 3'-0", 4'-0", 5'-0" & 6'-0" Spans
 4 5/8" Clr. for 2'-6", 3'-6", 4'-6" & 5'-6" Spans



Reinforcement Identical

Dimensions 'S' and 'V' as specified on Location Plan.

QUANTITIES PER 100 FT LENGTH, STANDARD SECT.

Span-S	Concrete Cu. Yd. for Varying depths V								Steel Pounds
	V-8"	9"	10"	11"	12"	14"	16"	18"	
2'-6"	2.48	2.52	2.56	2.60	2.64	2.72	2.80	2.88	270
3'-0"	2.76	2.80	2.84	2.88	2.92	3.00	3.08	3.16	332
3'-6"	3.05	3.09	3.13	3.17	3.21	3.29	3.37	3.45	378
4'-0"	3.32	3.36	3.40	3.44	3.48	3.56	3.64	3.73	435
4'-6"	3.60	3.64	3.68	3.72	3.76	3.84	3.92	4.01	503
5'-0"	3.88	3.92	3.96	4.00	4.04	4.12	4.20	4.28	550
5'-6"	4.16	4.20	4.24	4.28	4.32	4.40	4.48	4.56	611
6'-0"	4.44	4.48	4.52	4.56	4.60	4.68	4.76	4.84	733

LOS ANGELES COUNTY ROAD DEPARTMENT

STANDARD REINFORCED CONCRETE

STANDARD PLAN

BOX CULVERT NO. 1

56-01

APPROVED

S. J. Moshier 10/26/27
 ROAD COMMISSIONER