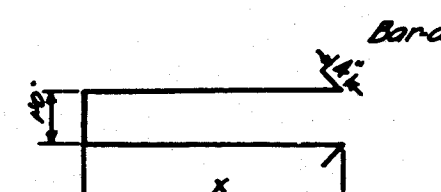
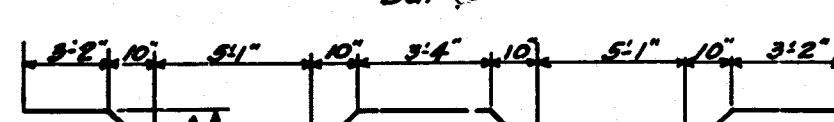
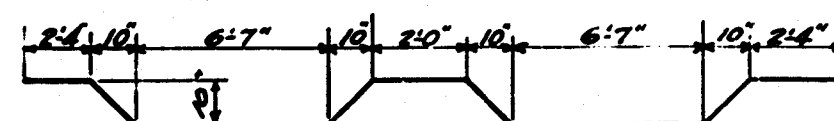
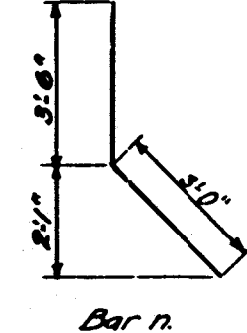
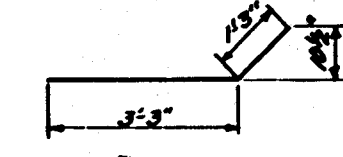


SHEET No 5 OF 5.

Bar	No	Size	Length	Location	Bar	No	Size	Length	Location
A	8	1 1/2"	59'3"	Girders Bent	O	144	1/2"	2'-6"	New rail.
B	8	1 1/2"	55'8"	Girders	P	192	1/2"	6'-6"	"
C	8	1 1/2"	44'-0"	Girders	Q	72	1/2"	19'-3"	"
D	8	1 1/2"	37'-0"	Girders	R	6	1/2"	24'-0"	East rail-approach panel
E	24	1 1/2"	56'-0"	Girders	S	6	1/2"	15'-9"	West " "
F	16	1 1/2"	53'-0"	Girders	T	144	1/2"	23'-0"	Paving on existing bridge
G	8	1 1/2"	54'-0"	Girders	U	40	1/2"	60'-0"	" " " "
H	196	1/2"	15'-2"	Girders, stirrups	V	10	1/2"	25'-0"	" " " "
I	8	1	10'-0"	Girders, fixed end	W	10	1/2"	21'-0"	" " " "
J	20	1/2"	28'-0"	Floor beams	X	12	1"	4'-0"	Abutment footing
K	26	1/2"	28'-0"	Floor beams					
L	52	1/2"	26'-6"	Floor beams					
M	230	1/2"	5'-9"	Floor beams, stirrups - Interior Beams.					
N	52	1/2"	30'-4"	Slab					
O	52	1/2"	30'-4"	Slab					
P	112	1/2"	29'-0"	Slab					
Q	112	1/2"	25'-0"	Slab, spacer					
R	16	1/2"	11'-0"	Pier, vertical					
S	12	1/2"	24'-0"	Pier					
T	4	1/2"	54'-6"	Curb					
U	69	1/2"	5'-9"	Floor beams - stirrups - End Beams					
V	56	1/2"	25'-3"	Abutment Wings					
W	28	1/2"	26'-0"	Abutment Wings					
X	28	1/2"	26'-0"	"					
Y	28	1/2"	26'-0"	"					
Z	14	1/2"	24'-8"	"					
aa	16	1/2"	31'-0"	Tie beams					
ab	52	1/2"	5'-6"	Abutment rail					
ac	16	1/2"	26'-0"	"					
ad	100	1/2"	4'-0"	" Dowels					
ae	10	1/2"	21'-6"	"					
af	6	1/2"	24'-6"	"					
ag	22	1/2"	22'-7"	"					
ah	11	1/2"	24'-7"	"					
ai	11	1/2"	24'-7"	"					
aj	2	1/2"	17'-6"	" Counterfort.					
ak	2	1/2"	13'-0"	"					
al	2	1/2"	8'-0"	"					
am	2	1/2"	4'-0"	"					
an	1	1/2"	5'-2"	"					
ao	1	1/2"	6'-2"	"					
ap	1	1/2"	2'-2"	"					
aq	1	1/2"	2'-2"	"					
ar	1	1/2"	2'-2"	"					
as	1	1/2"	2'-2"	"					
at	1	1/2"	2'-2"	"					
au	1	1/2"	10'-2"	"					
av	1	1/2"	11'-4"	"					
aw	1	1/2"	12'-0"	"					
ax	1	1/2"	12'-6"	"					
ay	1	1/2"	13'-8"	"					
az	1	1/2"	14'-0"	"					
ba	1	1/2"	14'-6"	"					
bb	1	1/2"	15'-2"	"					
bc	1	1/2"	15'-8"	"					
bd	1	1/2"	16'-4"	"					
be	3	1"	26'-10"	"					
bf	3	1"	14'-0"	"					
bg	4	3/8"	6'-0"	" rail.					
bh	5	1/2"	27'-0"	"					
bi	22	1/2"	4'-6"	"					
bj	8	1/2"	29'-0"	Wing Footing					
bk	20	1/2"	4'-10"	"					
bl	22	1/2"	7'-6"	Abutment Footing					
bm	4	1/2"	25'-0"	"					
bn	13	1/2"	11'-6"	"					
bo	9	1/2"	29'-0"	"					
bp	14	1/2"	8'-0"	Pier over arch abutment					
bq	14	1/2"	6'-0"	"					
br	8	1/2"	27'-0"	Pier over arch abutment					
bs	44	1/2"	2'-6"	Dowels in arch, abutment					
bt	8	1/2"	6'-6"	"					

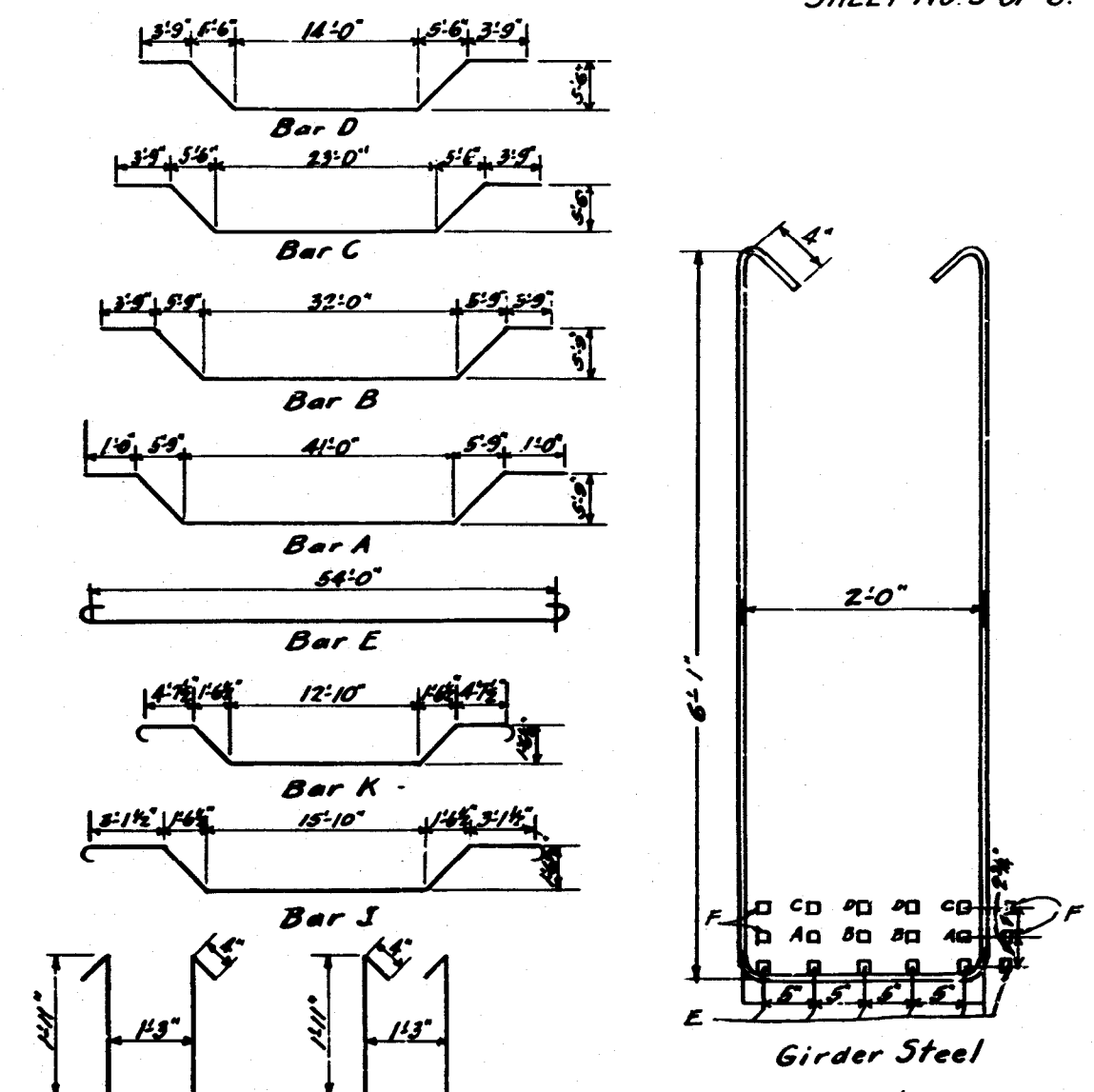


Bar	x	Bar	x
ti	1'-9"	ti	5'-5"
ti	2'-3"	ti	5'-9"
ti	2'-9"	ti	6'-2"
ti	3'-3"	ti	6'-5"
ti	3'-10"	ti	6'-9"
ti	4'-5"	ti	7'-1"
ti	4'-10"	ti	7'-5"
ti	5'-2"		



Bridge #3726
Tustin Road Bridge
across Santiago Creek
Sheet 5 of 5
Scale as shown
Lines

MICROFILMED
JUL 5 1964



PROPOSED ADDITIONS
TO
TUSTIN ROAD BRIDGE
ACROSS
SANTIAGO CREEK
ORANGE COUNTY

HOOK DETAILS.
Note for hooked bars in
bottom of girders
7'-5" for 1/2" bars.
5'-5" for 1/4" bars.