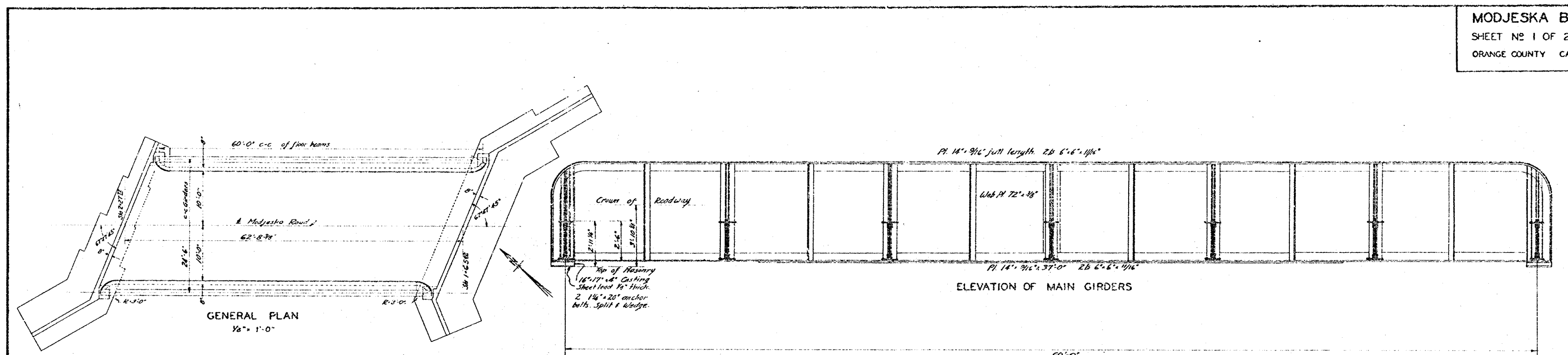


MODJESKA BRIDGE
SHEET NO 1 OF 2 SHEETS
ORANGE COUNTY CALIFORNIA



Ad	2	15 reg	17'8"	6 reg	17'8"	4 reg	17'8"	4 reg	17'8"	4 reg	17'8"
Bd	2	3 reg	15'5"	6 reg	15'5"	4 reg	15'5"	4 reg	15'5"	4 reg	15'5"
Cd	2	5 reg	12'2"	6 reg	12'2"	4 reg	12'2"	4 reg	12'2"	4 reg	12'2"
Dd	2	10 reg	8'11"	6 reg	8'11"	4 reg	8'11"	4 reg	8'11"	4 reg	8'11"
Ed	2	5 reg	6'5"	6 reg	6'5"	4 reg	6'5"	4 reg	6'5"	4 reg	6'5"

Ag	2	31 reg	40'0"	6 reg	40'0"	4 reg	40'0"	4 reg	40'0"	4 reg	40'0"
Bg	2	4 reg	23'0"	6 reg	23'0"	4 reg	23'0"	4 reg	23'0"	4 reg	23'0"
Cg	2	5 reg	20'6"	6 reg	20'6"	4 reg	20'6"	4 reg	20'6"	4 reg	20'6"
Dg	2	3 reg	36'2"	6 reg	36'2"	4 reg	36'2"	4 reg	36'2"	4 reg	36'2"
Eg	2	8 reg	44'2"	6 reg	44'2"	4 reg	44'2"	4 reg	44'2"	4 reg	44'2"

g	2	7 reg	11'6"	7 reg	2'6"	14 reg	13'10"	4 reg	13'10"	4 reg	13'10"
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h	2	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"
---	---	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

i	2	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"
---	---	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

j	2	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"
---	---	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

k	2	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"
---	---	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

l	2	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"	7 reg	4'10"
---	---	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

m	2	100 reg	32'6"	6 reg	32'6"	4 reg	32'6"	4 reg	32'6"	4 reg	32'6"
---	---	---------	-------	-------	-------	-------	-------	-------	-------	-------	-------

n	2	68 reg	Variable 3'0" to 12'6"	6 reg	Variable 3'0" to 12'6"	4 reg	Variable 3'0" to 12'6"	4 reg	Variable 3'0" to 12'6"	4 reg	Variable 3'0" to 12'6"
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p	2	43 reg	20'8"	6 reg	20'8"	4 reg	20'8"	4 reg	20'8"	4 reg	20'8"
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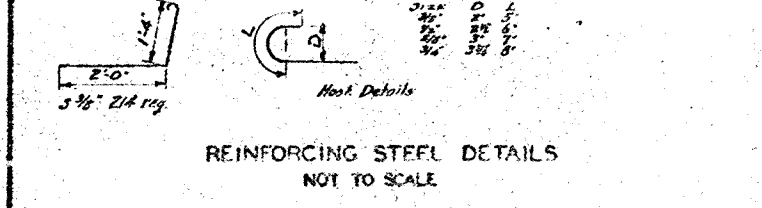
q	2	43 reg	21'0"	6 reg	21'0"	4 reg	21'0"	4 reg	21'0"	4 reg	21'0"
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r	2	43 reg	21'0"	6 reg	21'0"	4 reg	21'0"	4 reg	21'0"	4 reg	21'0"
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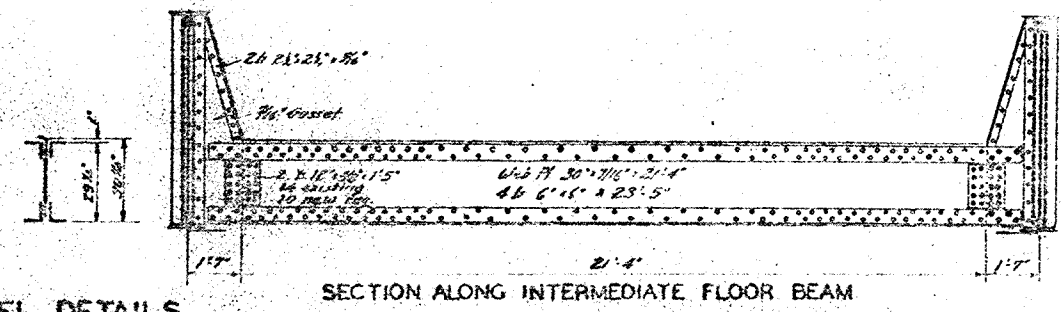
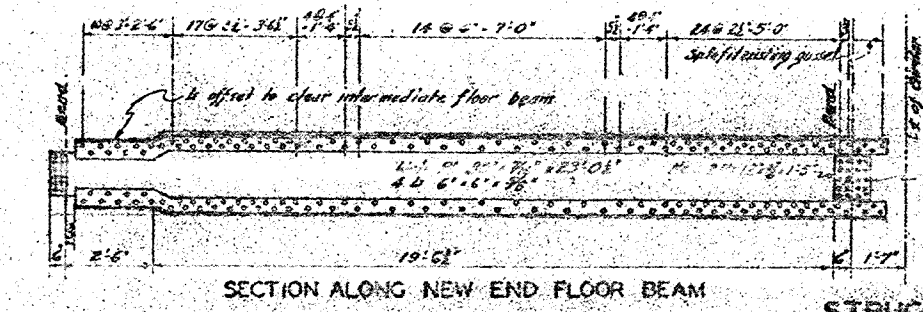
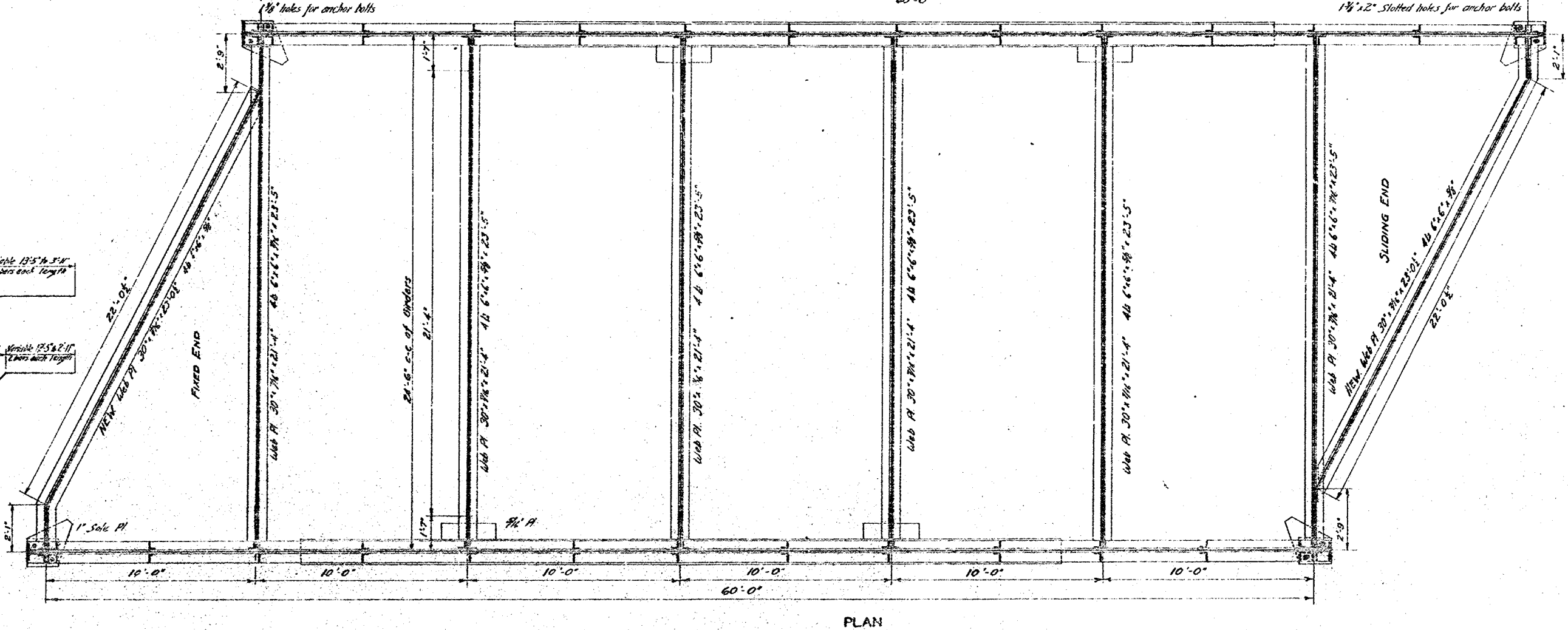
s	2	43 reg	21'0"	6 reg	21'0"	4 reg	21'0"	4 reg	21'0"	4 reg	21'0"
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t	2	43 reg	21'0"	6 reg	21'0"	4 reg	21'0"	4 reg	21'0"	4 reg	21'0"
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u	2	6 reg	21'0"	6 reg	21'0"	4 reg	21'0"	4 reg	21'0"	4 reg	21'0"
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All reinforcing rods to be deformed square bars.
All concrete to be Class 'A' Portland cement concrete.
• Indicates shop or existing rivets.
• Indicates field rivets. All rivets 7/8" diameter.
Rivet holes for connection between new and floor beams and existing floor beams must be drilled.
Cutting with torch will not be permitted.
Routing may be modified to suit existing conditions upon written instructions from Engineer.



ESTIMATED QUANTITIES

Class 'A' Concrete, C.Y.	1642
Reinforcing Steel, Lbs.	19,125
Structural Steel, Lbs.	5,977
Field Rivets	416
Field holes to be drilled	21
Steel, existing bridge, pounds	22,000

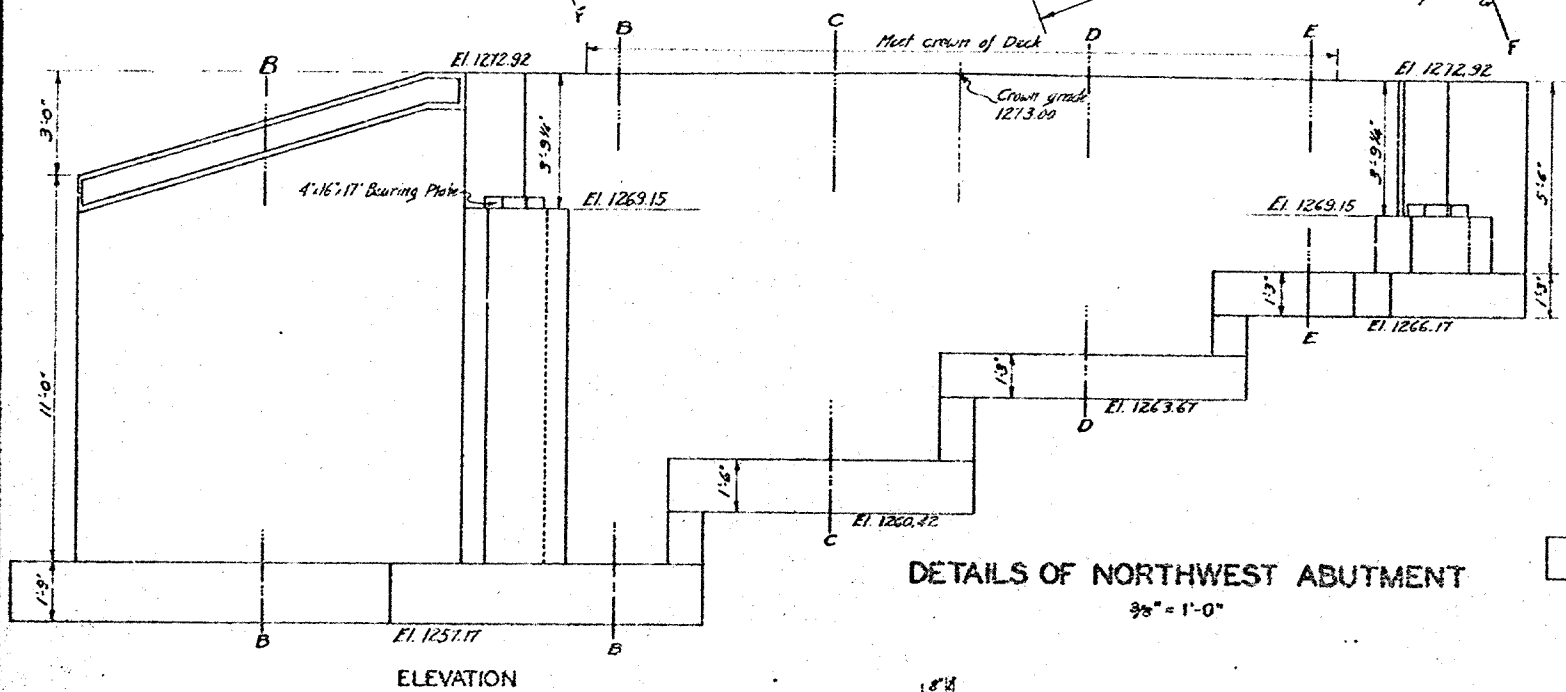
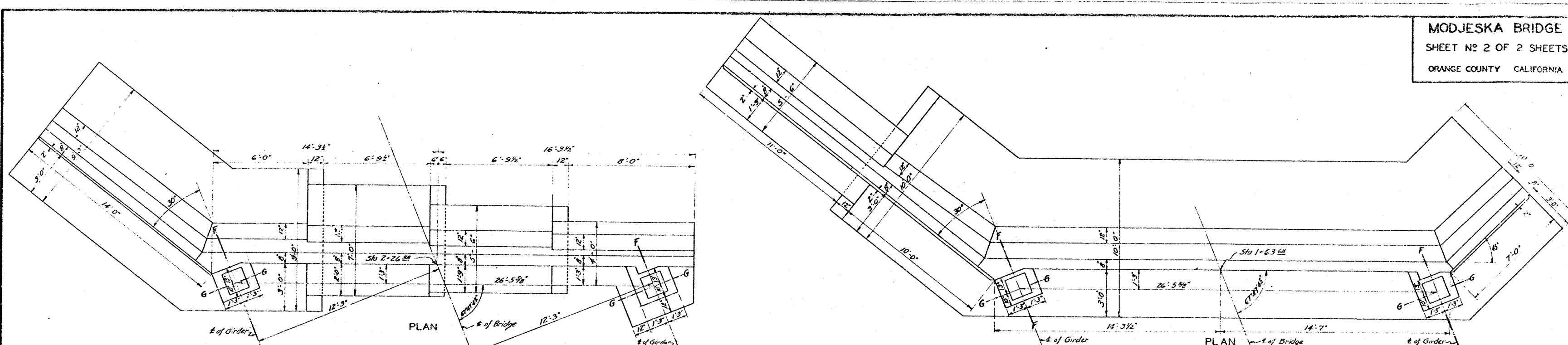
MODJESKA ROAD BRIDGE
OVER
SANTIAGO CREEK
ORANGE COUNTY CALIFORNIA

193 SCALES AS NOTED

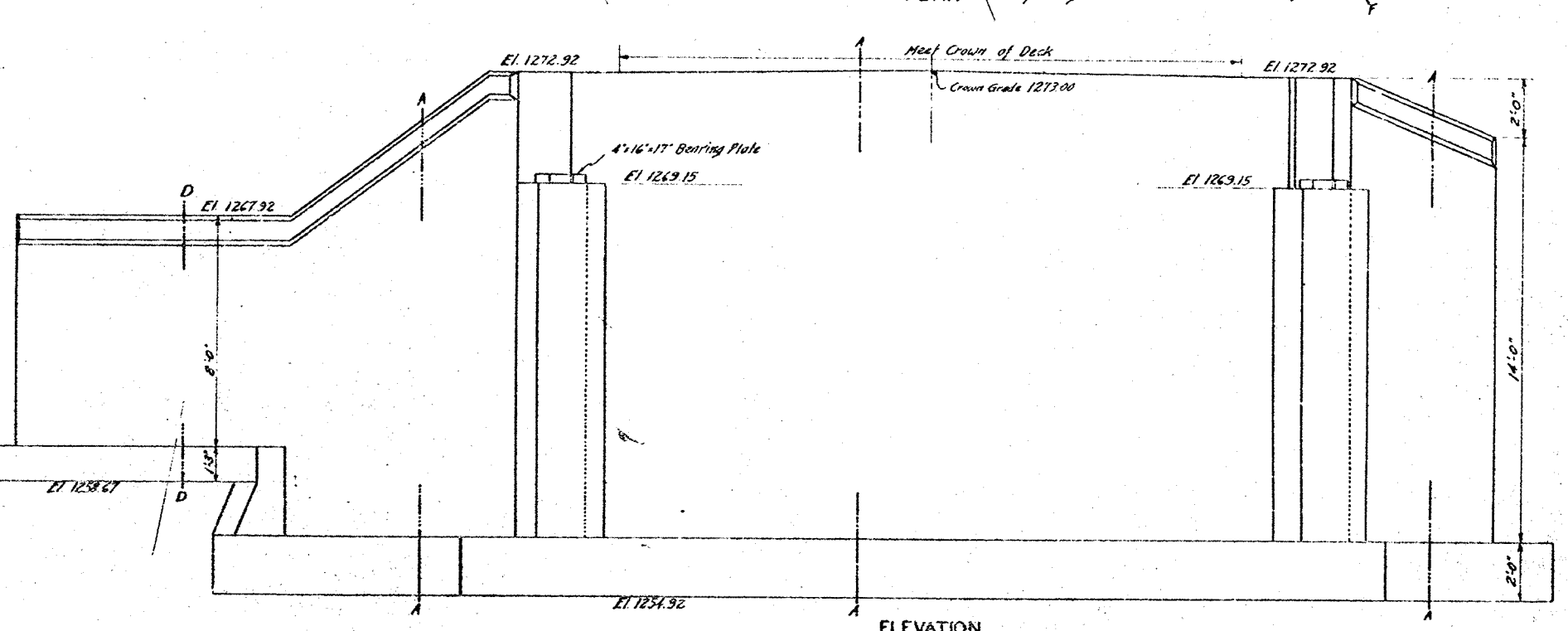
Approved: [Signature]
Supt. of Highways

#14647
1931-SC-7
55C-172
MODJESKA CYN. RD. BR.
OVER SANTIAGO CREEK
THOS. MAP. 832-E7

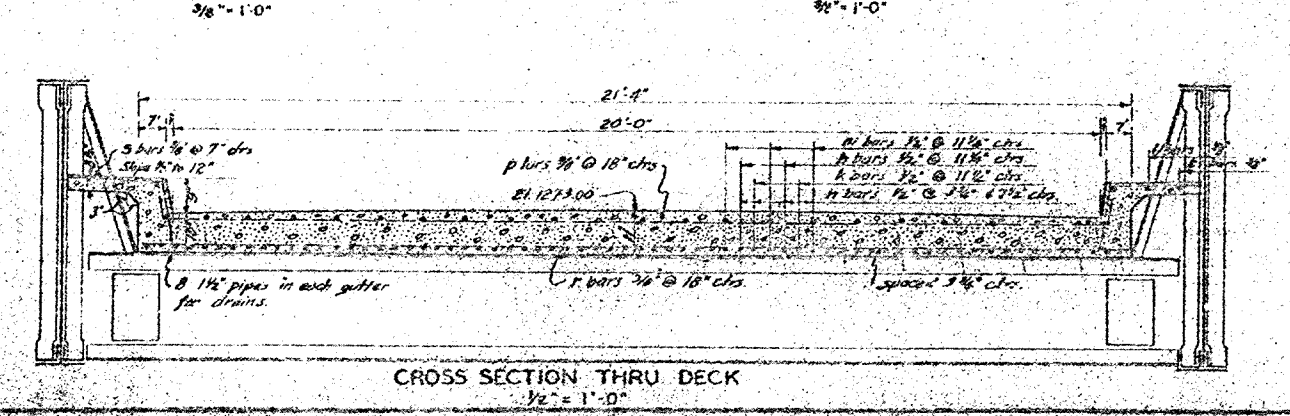
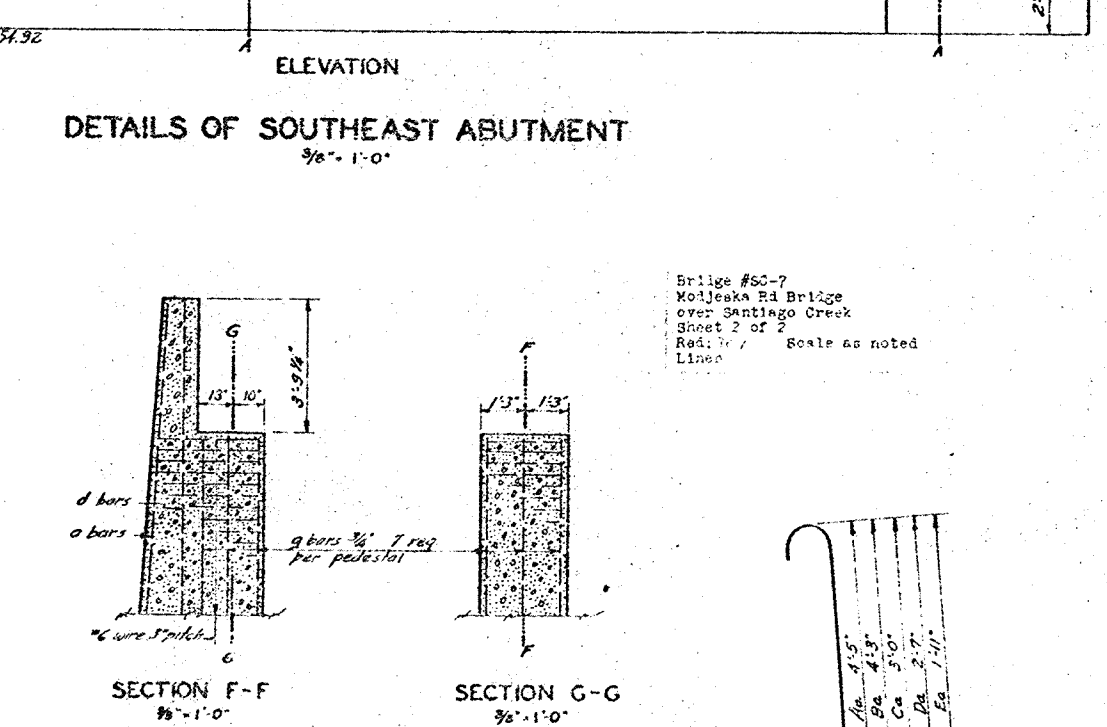
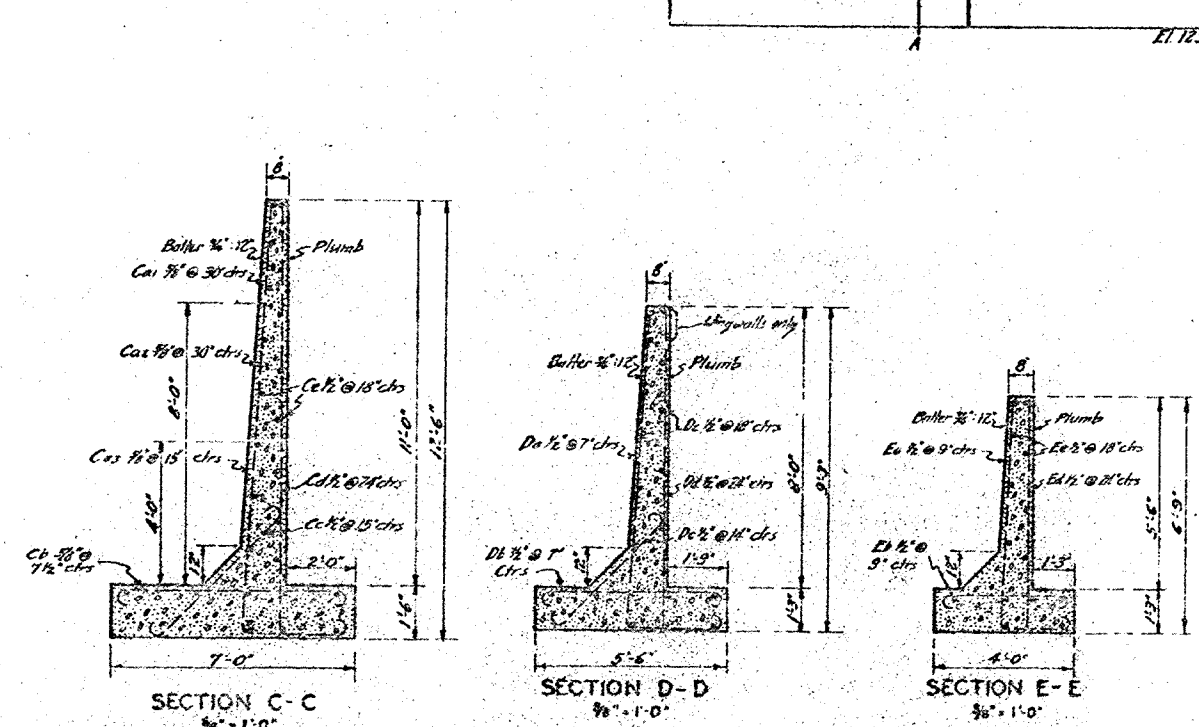
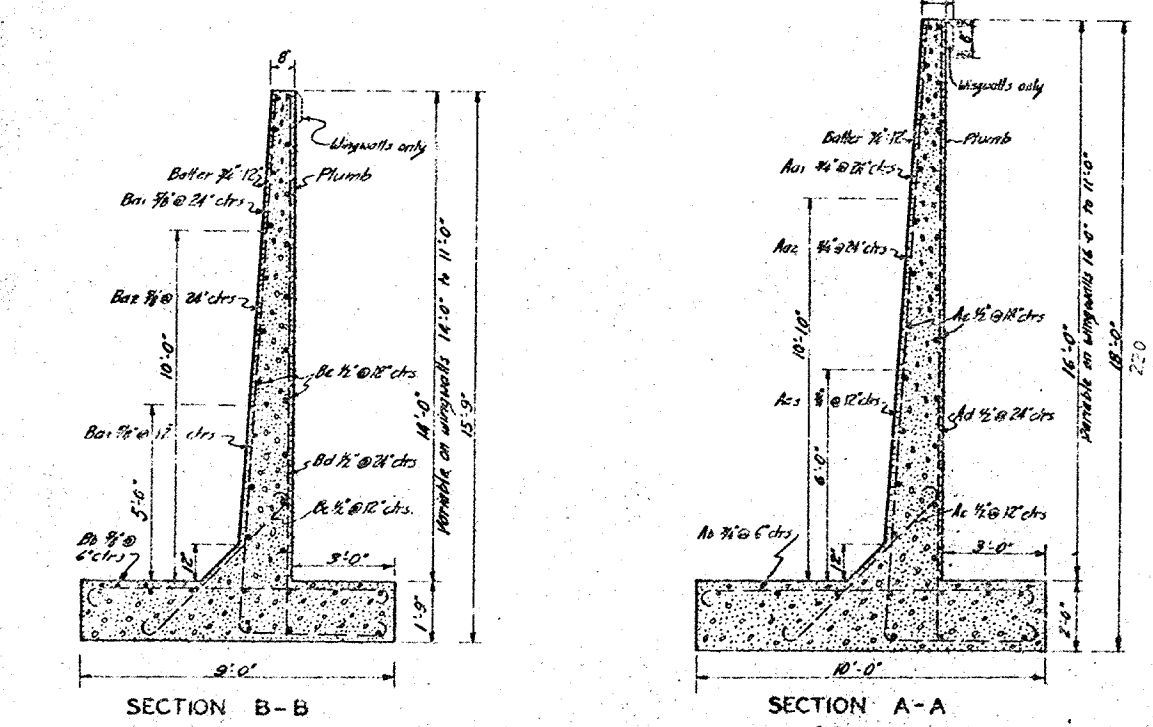
MODJESKA BRIDGE
SHEET NO 2 OF 2 SHEETS
ORANGE COUNTY CALIFORNIA



DETAILS OF NORTHWEST ABUTMENT
3/8" = 1'-0"



DETAILS OF SOUTHEAST ABUTMENT
3/8" = 1'-0"



Ab	8"	23	9'-1"
Bb	8"	11	8'-2"
Cb	8"	15	6'-7"
Db	8"	36	5'-1"
Eb	8"	13	3'-7"

Ac	8"	47	6'-0"
Bc	8"	21	5'-4"
Cc	8"	8	4'-10"
Dc	8"	19	4'-2"

Ab	36"	15'00"	17'-0"	6'00"	17'-0"	12'-0"	11'-0"	12'-0"	11'-0"
Bb	36"	14'00"	16'-0"	6'00"	15'-0"	11'-0"	11'-0"	11'-0"	11'-0"
Cb	36"	13'00"	15'-0"	6'00"	14'-0"	10'-0"	10'-0"	10'-0"	10'-0"
Db	36"	12'00"	14'-0"	6'00"	13'-0"	9'-0"	9'-0"	9'-0"	9'-0"
Eb	36"	11'00"	13'-0"	6'00"	12'-0"	8'-0"	8'-0"	8'-0"	8'-0"
Ac	36"	16'00"	18'-0"	6'00"	17'-0"	12'-0"	12'-0"	12'-0"	12'-0"
Bc	36"	15'00"	17'-0"	6'00"	16'-0"	11'-0"	11'-0"	11'-0"	11'-0"
Cc	36"	14'00"	16'-0"	6'00"	15'-0"	10'-0"	10'-0"	10'-0"	10'-0"
Dc	36"	13'00"	15'-0"	6'00"	14'-0"	9'-0"	9'-0"	9'-0"	9'-0"
Ec	36"	12'00"	14'-0"	6'00"	13'-0"	8'-0"	8'-0"	8'-0"	8'-0"

REINFORCING STEEL DETAILS
NOT TO SCALE

MICROFILMED
JUL 6 1960

Designed by P.O. Higgins