

TIMBER BILL OF MATERIAL

MEMBER	No.	SIZE & LENGTH	KIND OF LUMBER	MILL WKR	FT. B.M.
DOUGLAS FIR COAST RGN.					
Solid Bridging	7	4" x 18" x 18'-0"	No. 1 Dimension	SIE	756
"	2	4" x 18" x 26'-0"	"	"	312
Cross	16	2" x 4" x 32'-0"	"	Rough	341
Splice Blocks	28	6" x 18" x 3'-0"	Select Joist Blank	SIE	756
Stringers	120	6" x 18" x 20'-0"	"	"	21600
Sidewalk Joist Bl.	16	12" x 18" x 3'-0"	"	See detail	864
Wheel Guard	16	10" x 12" x 20'-0"	"	SIE	3200
Wheel Grd. face	16	4" x 16" x 20'-0"	"	"	1707
Guard Railing	16	3" x 8" x 20'-0"	"	S4S	640
"	16	4" x 8" x 20'-0"	"	"	853
End Sheathing	1	4" x 6" x 34'-0"	"	Rough	68
"	1	4" x 12" x 12'-0"	"	"	48
"	3	4" x 12" x 34'-0"	"	"	408
Sidewalk Endpc	2	2" x 16" x 4'-0"	"	"	21
"	2	2" x 16" x 6'-0"	"	"	32
Corner Blocking	2	2" x 4" x 1'-6"	"	SIS	2
Deck Starter	1	6" x 6" x 26'-0"	"	SISIE	78
Wall Plate	1	6" x 8" x 34'-0"	"	SIS	136
Sidewalk Joist Bl.	2	8" x 18" x 3'-0"	"	See detail	72
End pc.	2	8" x 12" x 4'-0"	"	SIS	64
Floor Decking	1130	2" x 6" x 26'-0"	"	SISIE	29380
Sidewalk Plank	8	1" x 8" x 6'-0"	No. 1 Dimension	SIS	32
"	442	1" x 8" x 4'-0"	"	"	1189
"	8	2" x 8" x 4'-0"	"	"	64
"	442	2" x 8" x 4'-0"	"	"	2378
Railing Posts	18	8" x 8" x 8'-0"	Select	S4S	768
"	32	8" x 8" x 6'-0"	"	"	1024
Posts	1	12" x 12" x 6'-0"	"	Rough	72
"	7	12" x 12" x 10'-0"	"	"	840
"	1	12" x 12" x 14'-0"	"	"	144
"	2	12" x 12" x 16'-0"	"	"	168
"	2	12" x 12" x 18'-0"	"	"	432
"	7	12" x 12" x 20'-0"	"	"	1680
"	4	12" x 12" x 24'-0"	"	"	1152
Caps	8	12" x 12" x 34'-0"	"	SIS	3264
Braces	5	3" x 10" x 16'-0"	"	Rough	200
"	2	3" x 10" x 18'-0"	"	"	90
"	12	3" x 10" x 20'-0"	"	"	600
"	10	3" x 10" x 22'-0"	"	"	550
"	14	3" x 10" x 24'-0"	"	"	840
"	2	3" x 10" x 26'-0"	"	"	130
"	2	3" x 10" x 28'-0"	"	"	140
"	6	3" x 10" x 30'-0"	"	"	450
"	5	3" x 10" x 32'-0"	"	"	400
"	1	3" x 10" x 34'-0"	"	"	85
"	1	3" x 10" x 38'-0"	"	"	95
Struts	4	4" x 12" x 28'-0"	"	"	448
Post Scabs	20	6" x 12" x 6'-0"	"	"	720
Solid Br. @ I	8	4" x 9" x 4'-0"	No. 1 Dimension	"	96
"	16	4" x 12" x 4'-0"	"	"	256
Blocks @ I	16	6" x 12" x 3'-0"	"	SIS	288
"	4	10" x 12" x 3'-0"	"	See detail	120
Blocks @ Struts	16	4" x 12" x 1'-0"	"	Rough	64
Total					80,501

LAYOUT PLAN OF BRIDGE

Scale: 1"=10'-0"

ESTIM. QUANTITIES.	
CLASS 'A' CONC.	5.5 c.y.
CLASS 'B' CONC.	22.5 c.y.
REINF. STEEL	863 #
STRUCT. STEEL	41,036 #
C.R.M. WALL	115 c.y.
TREATED TIMBER	80,501
TREATED PILING	200 lin. ft.
STRUCT. EXCAV.	178.0 c.y.
UNCLASS. EXCAV.	65.0 c.y.

EXISTING (PAAUULO SCHOOL BRIDGE)
AAMANU STREAM BRIDGE
FOR INFORMATION ONLY

TERRACE ENGINEERING CO. INC.
AAMANU STREAM BRIDGE
(PAAUULO SCHOOL BRIDGE)
STA. 756+07.17 TO STA. 757+61.5
Hawaii Belt Rd.
F.A.P. 26-A Jan. 1938

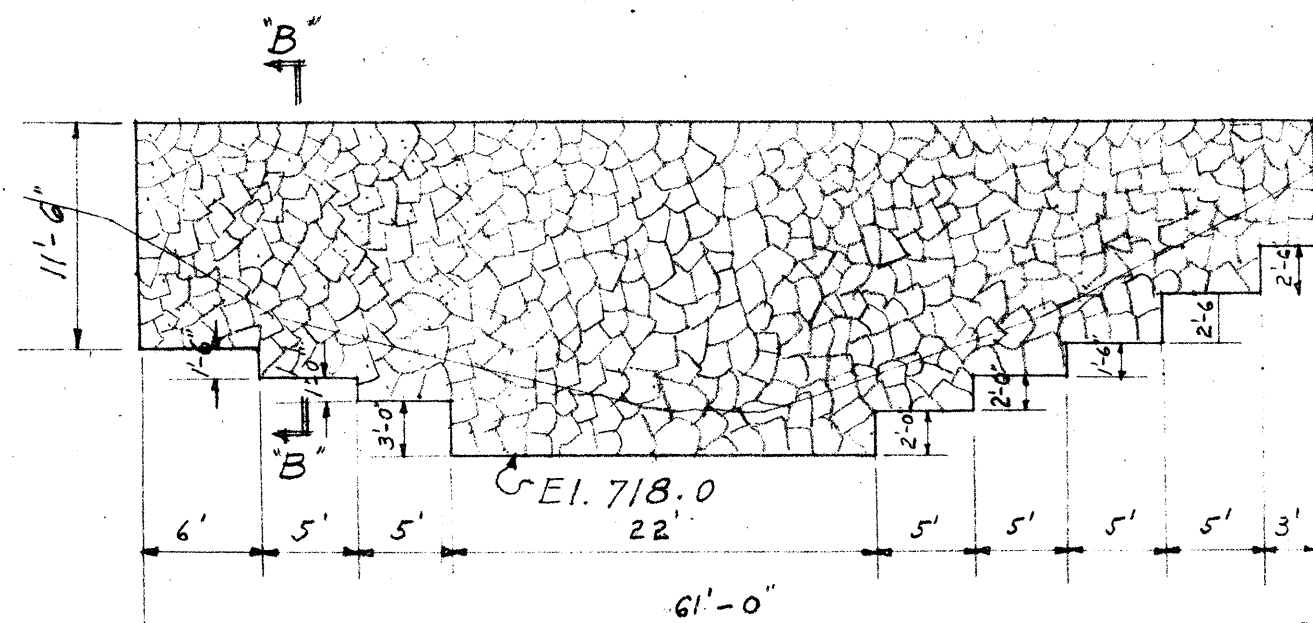
OF 3
EB1 EB2 3 7

DOWNSTREAM ELEVATION OF BRIDGE

Scale: 1"=10'-0"

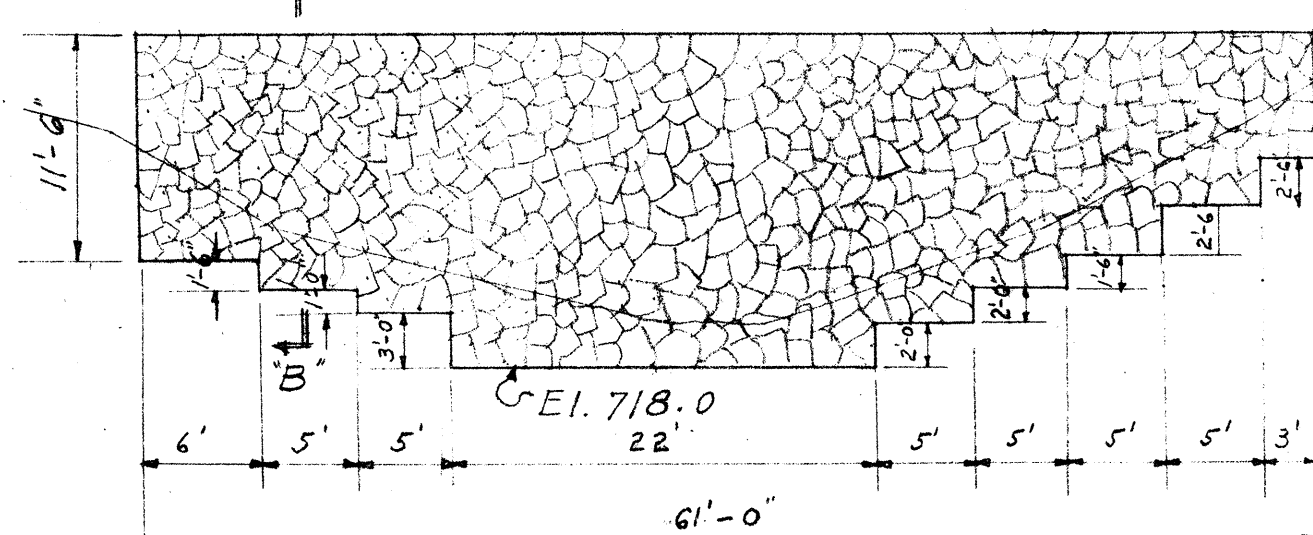
SECT. 'B-B'

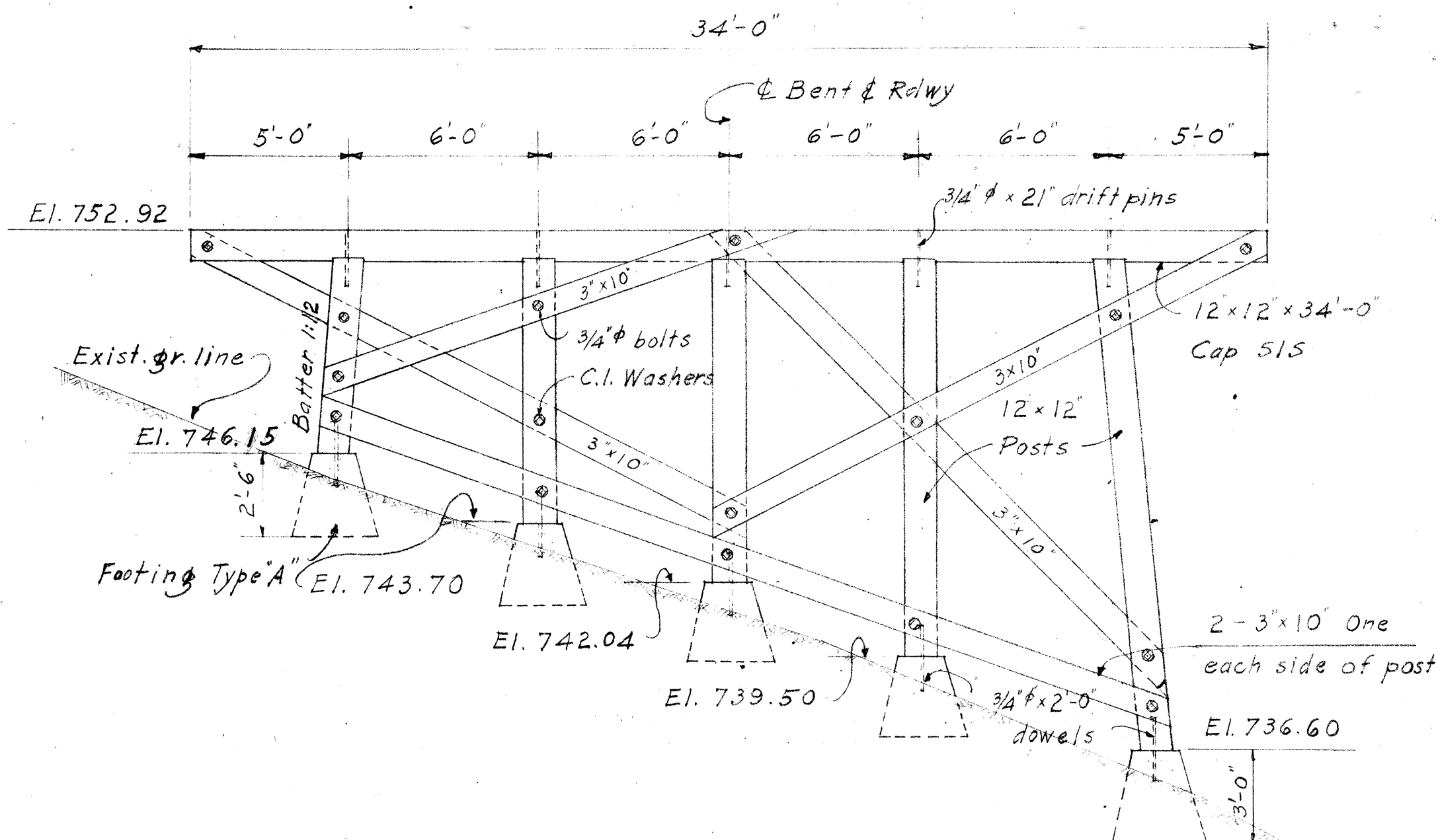
Scale: 1/4"=1'-0"



SECT. 'A-A'

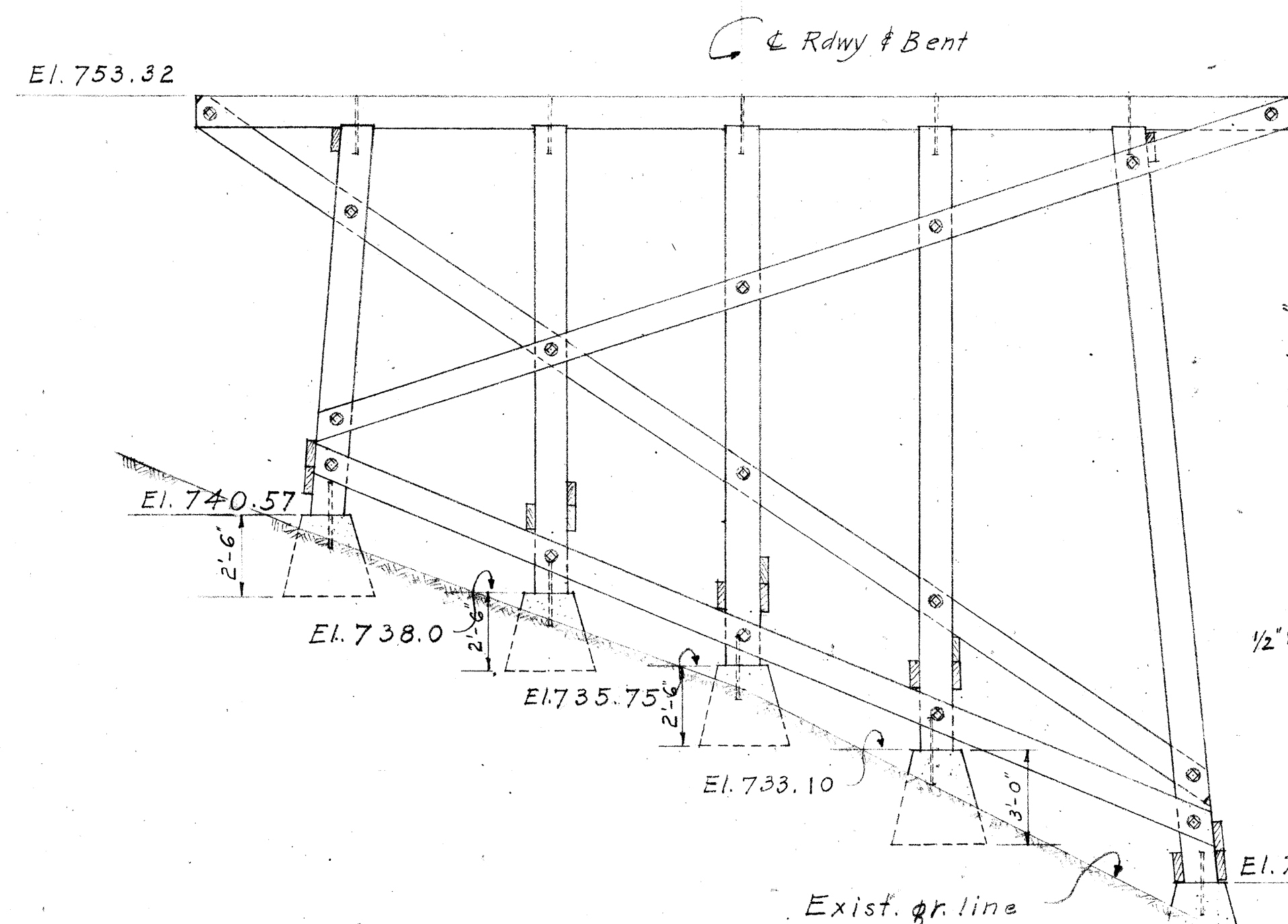
Scale: 1"=10'-0"





ELEV. OF BENT NO. 1 STA. 756+27

Scale: 1/4"=1'-0"

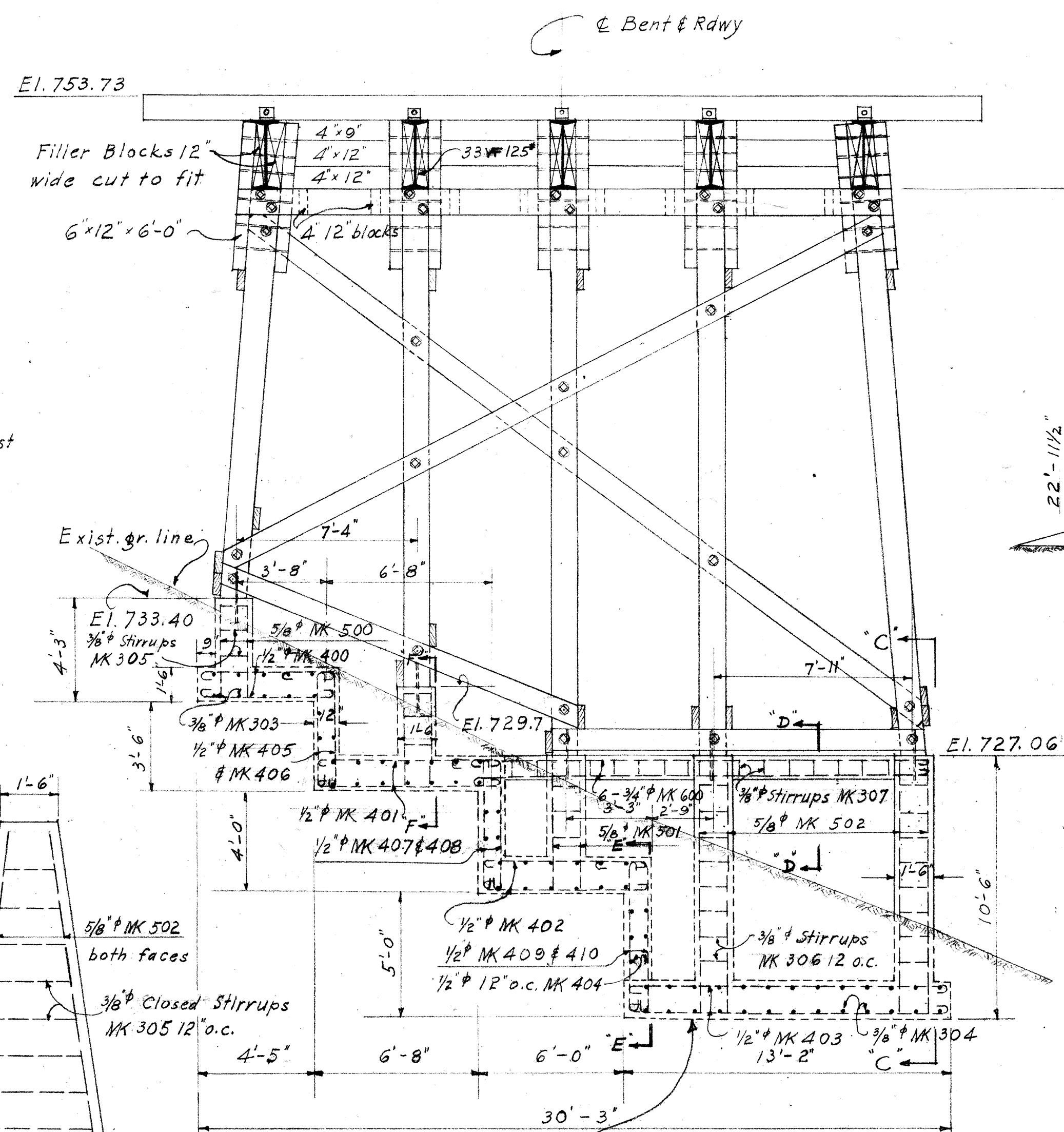


ELEV. OF BENT NO. 2 STA. 756+46

Scale: 1/4"=1'-0"

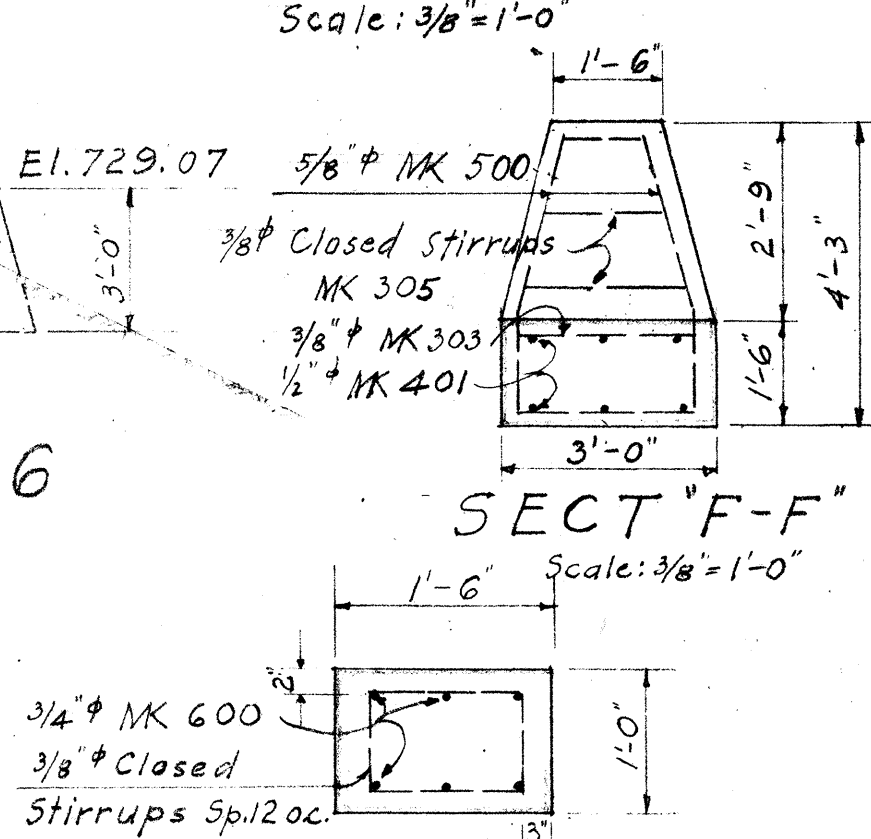
NOTE! Spacing of posts for other bents are same as shown for bent No. 1.

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Reduction not to scale



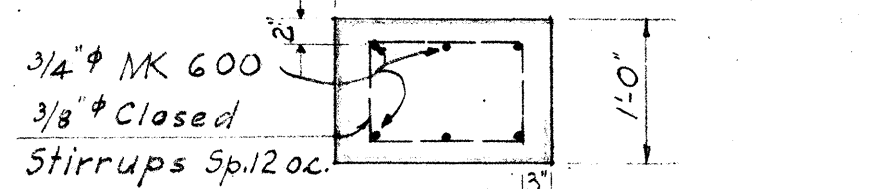
ELEV. OF BENT NO. 3 STA. 756+65

Scale: 1/4"=1'-0"



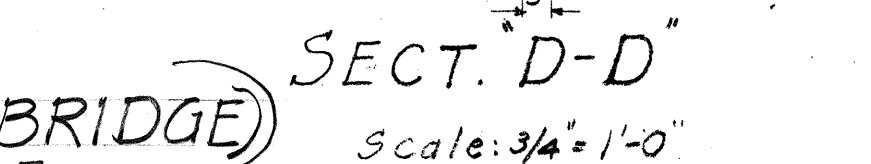
SECT. C-C

Scale: 3/8"=1'-0"



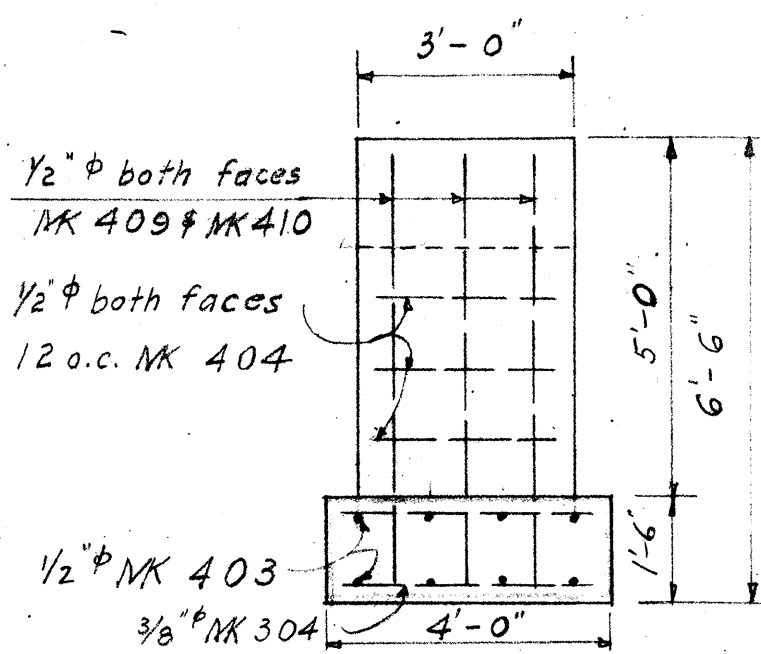
SECT. F-F

Scale: 3/8"=1'-0"



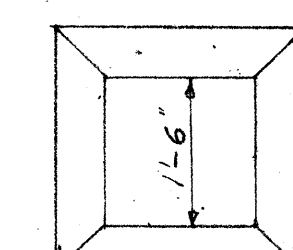
SECT. D-D

Scale: 3/4"=1'-0"

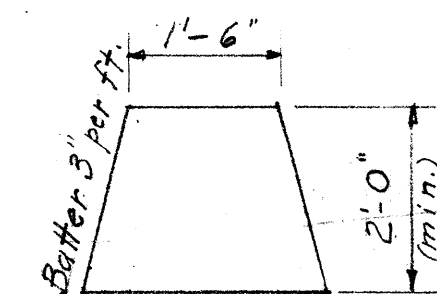


SECT. E-E

Scale: 3/8"=1'-0"



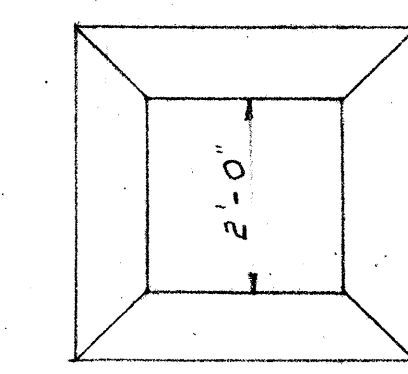
PLAN



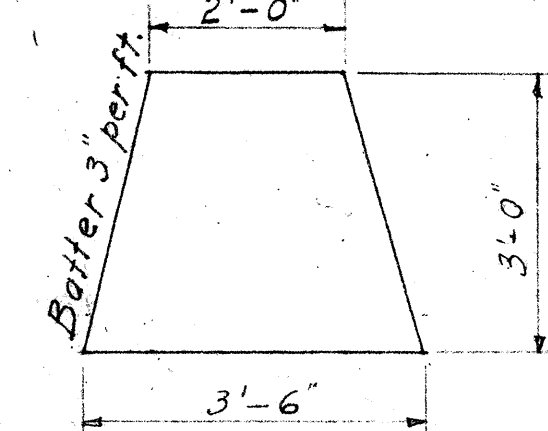
ELEVATION

Scale: 1/2"=1'-0"

DETAIL OF CONC. FTG. TYPE "A"



PLAN

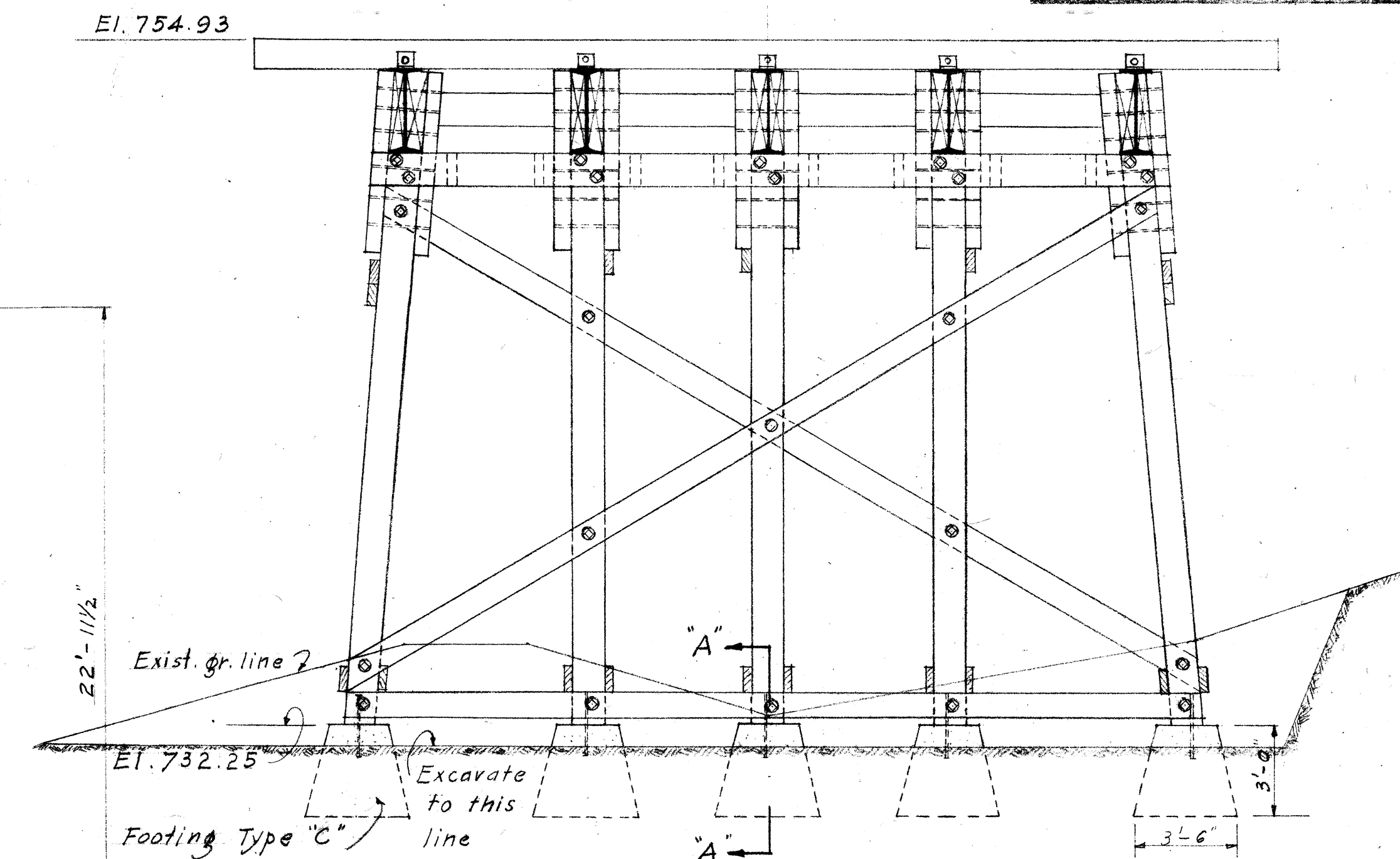


ELEVATION

Scale: 1/2"=1'-0"

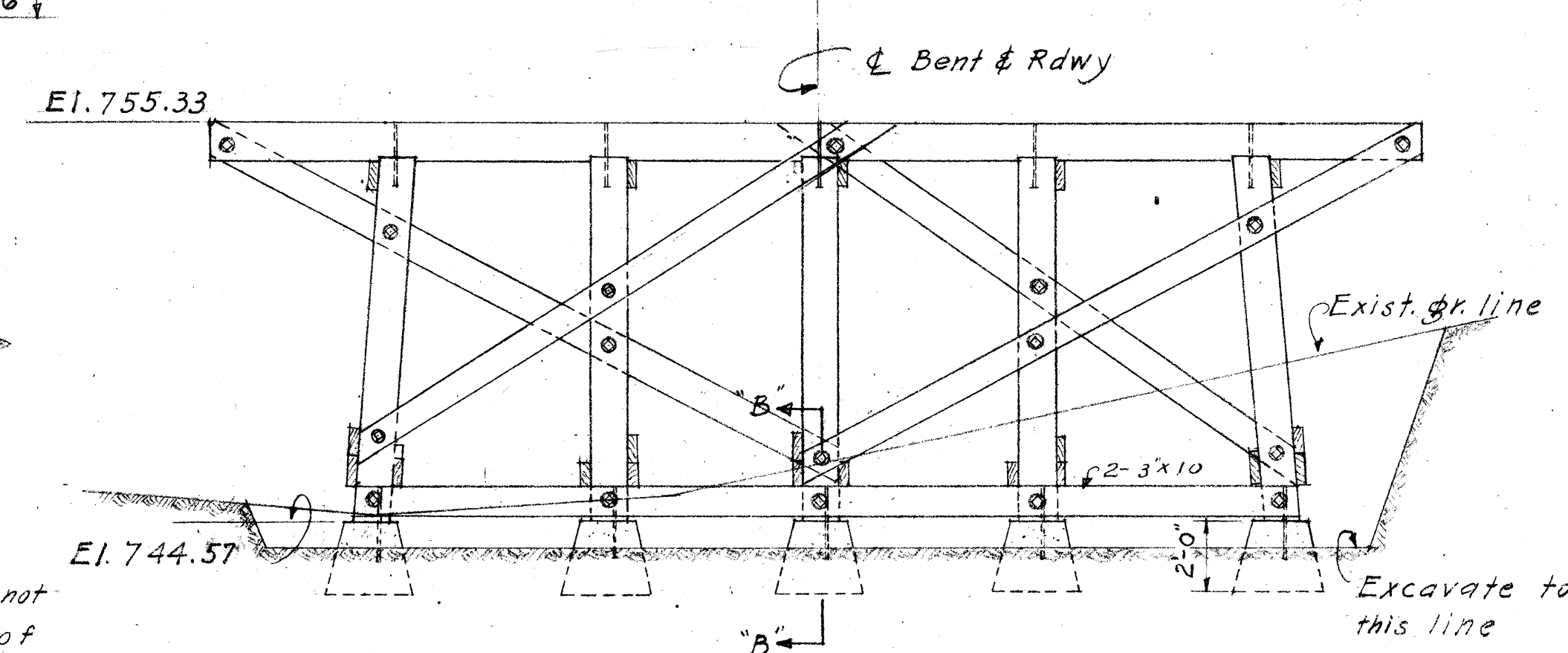
DETAIL OF CONC. FTG. TYPE "C"

Scale: 1/2"=1'-0"



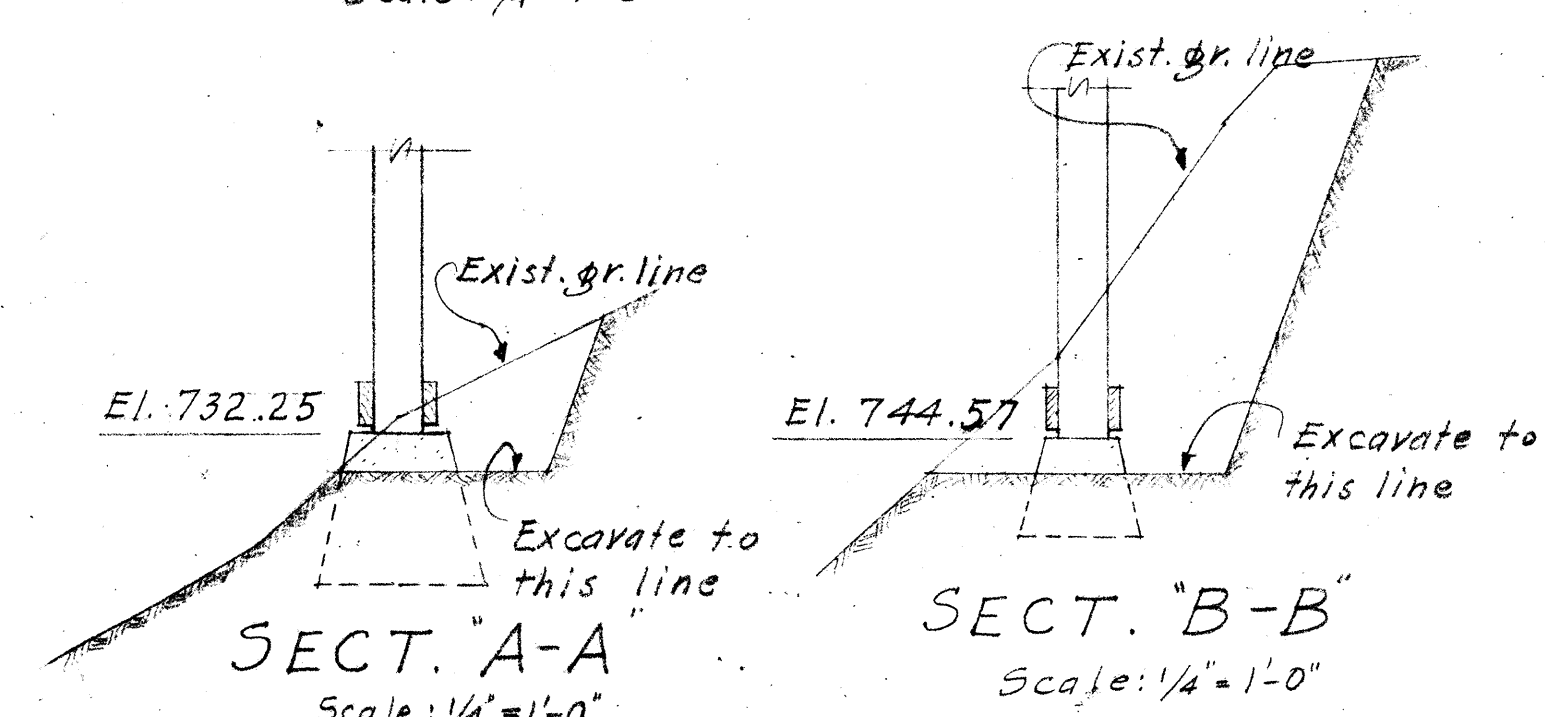
ELEV. OF BENT NO. 4 STA. 757+22

Scale: 1/4"=1'-0"



ELEV. OF BENT NO. 5 STA. 757+41

Scale: 1/4"=1'-0"



SECT. A-A

Scale: 1/4"=1'-0"

SECT. B-B

Scale: 1/4"=1'-0"

TERMINAL HIGHWAY DEPARTMENT
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Jan. 1938

SHEET NO. 38 OF 63 SHEETS

EB2 EB2 3 S