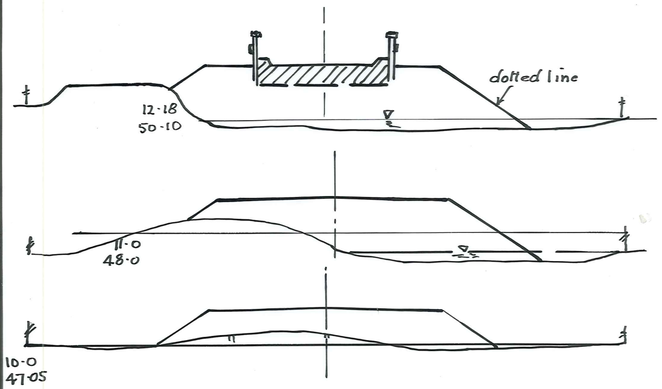
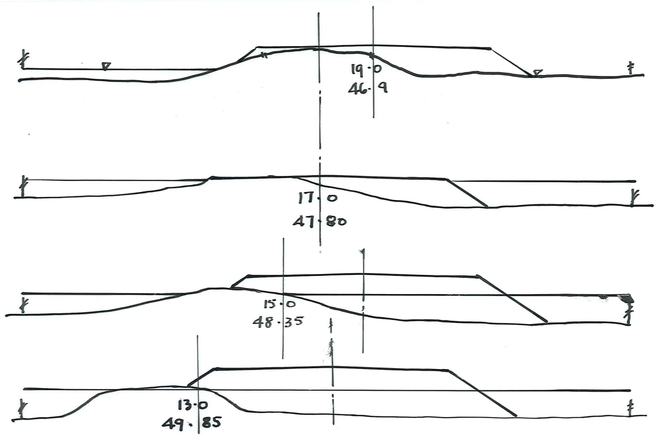
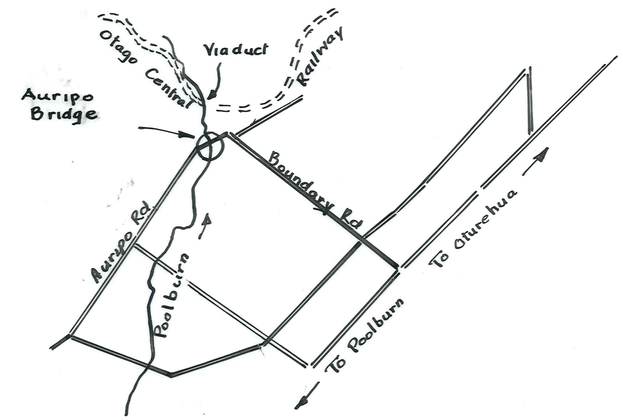
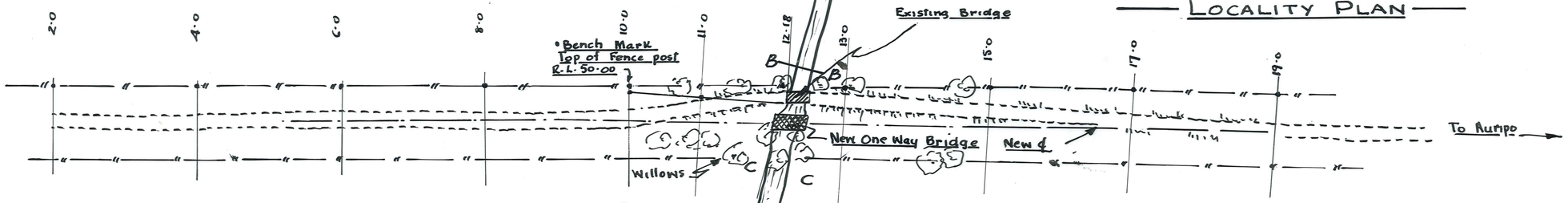
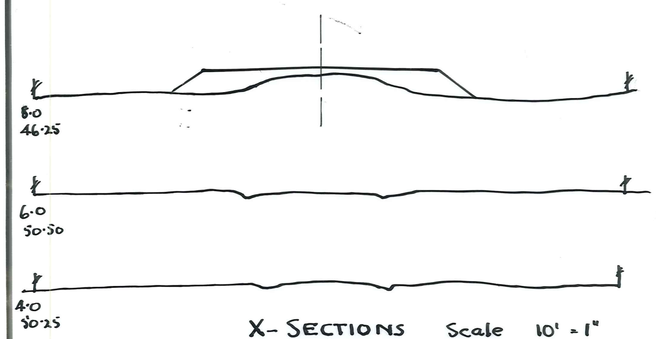




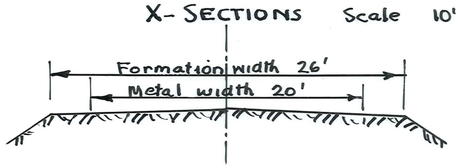


LOCALITY PLAN

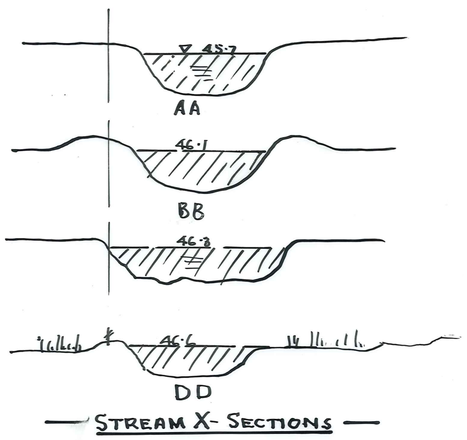




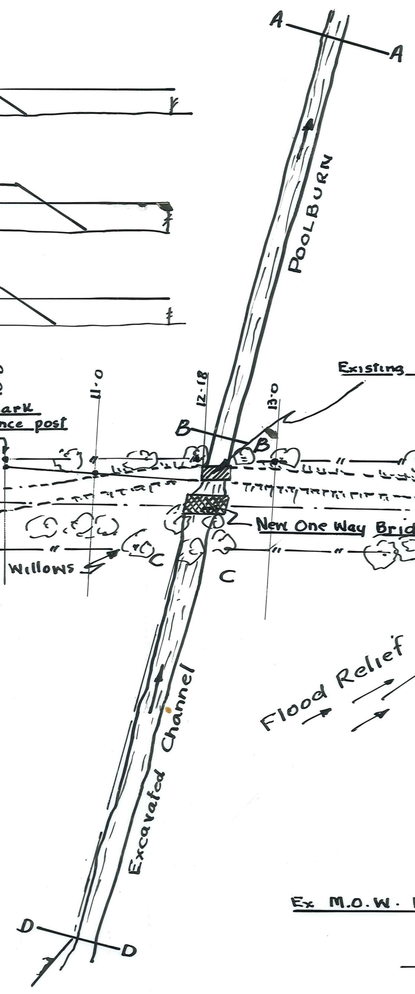
X- SECTIONS Scale 10' = 1"



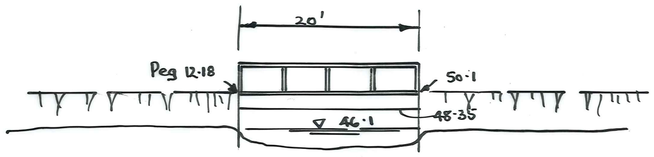
TYPICAL X- SECTION



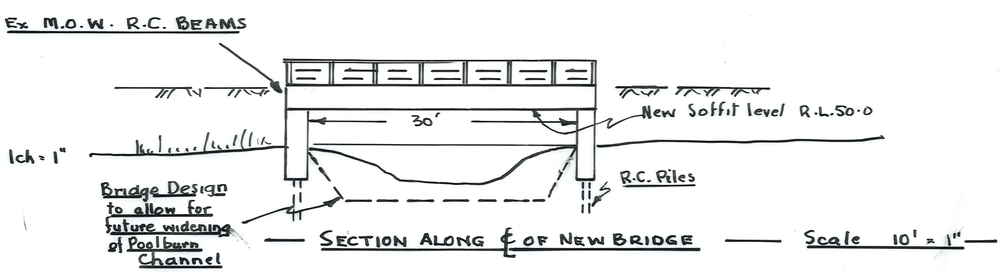
STREAM X- SECTIONS



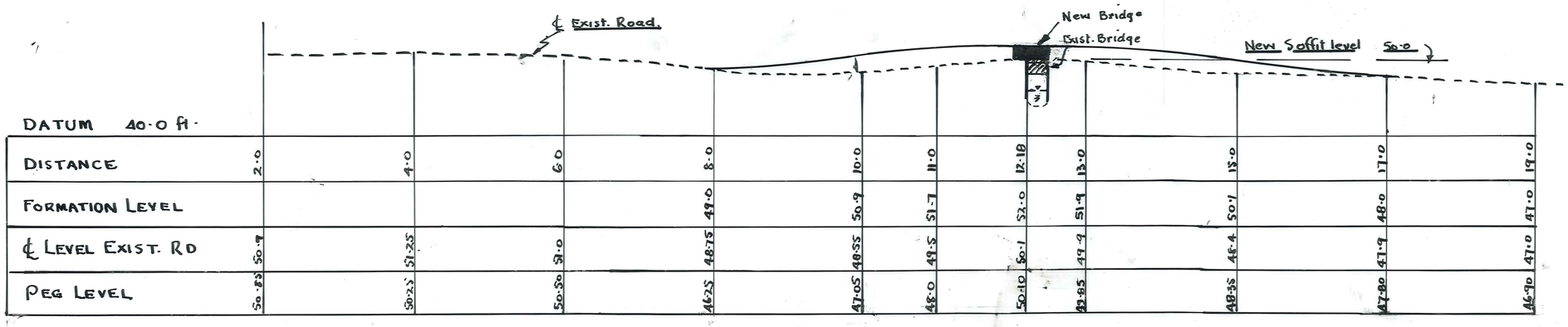
PLAN — Scale 1ch = 1"



EXISTING BRIDGE SECTION — 10' = 1"



SECTION ALONG ℄ OF NEW BRIDGE — Scale 10' = 1"



DISTANCE	2·0	4·0	6·0	8·0	10·0	11·0	12·18	13·0	15·0	17·0	19·0
FORMATION LEVEL				49·0	50·9	51·7	52·0	51·9	50·1	48·0	47·0
℄ LEVEL EXIST. RD	50·9	51·25	51·0	48·75	48·55	49·5	50·1	49·9	46·4	47·9	47·0
PEG LEVEL	50·85	50·23	50·30	46·25	47·05	48·0	50·10	49·85	48·35	47·90	46·90

LONG. SECTION — Scales Vert 10' = 1" Horiz. 1ch = 1"

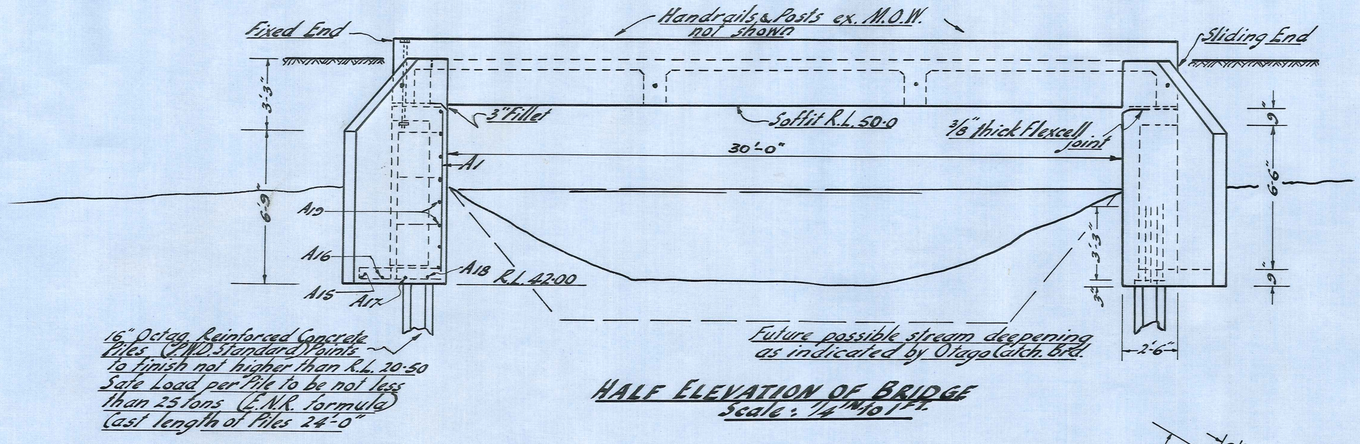
VINCENT COUNTY COUNCIL

AURIPO STREAM BRIDGE
IDA VALLEY

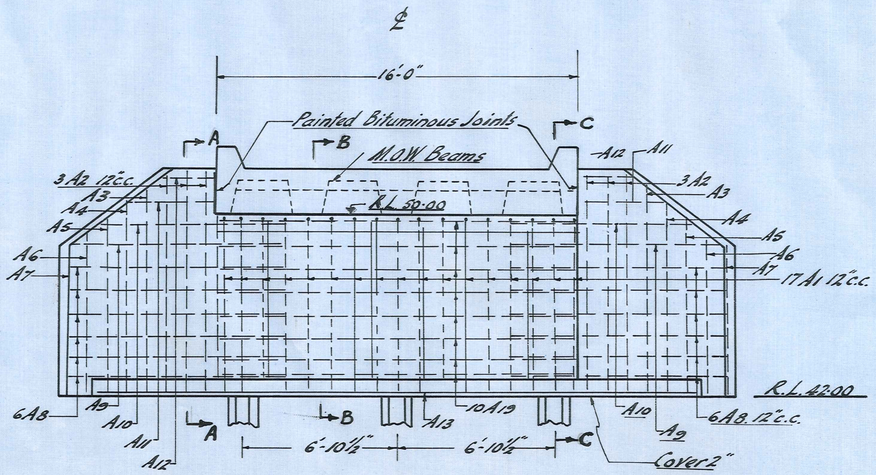
DUFFILL, WATTS & KING
CONSULTING CIVIL & STRUCTURAL ENGINEERS
DUNEDIN and INVERCARGILL

	NAME	DATE
DRAWN	R.J. Fulton	Sept 1963
CALCULATIONS	"	
CHECKED	[illegible]	
TRACED		OCT 1963
APPROVED		

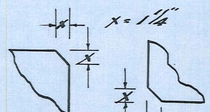
JOB NO. 4373/1
F.BK. FILE NO. 4/27



HALF ELEVATION OF BRIDGE
Scale: 1/4" to 1 Ft.

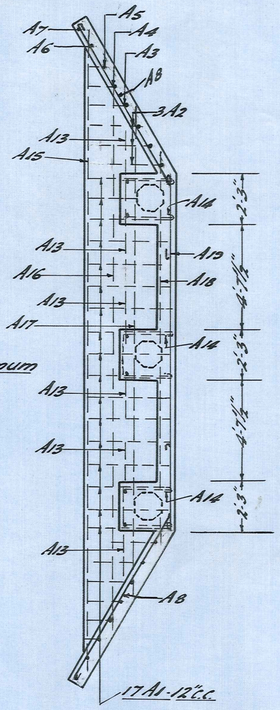


BACK ELEVATION OF ABUTMENT
Scale: 1/4" to 1 Ft.

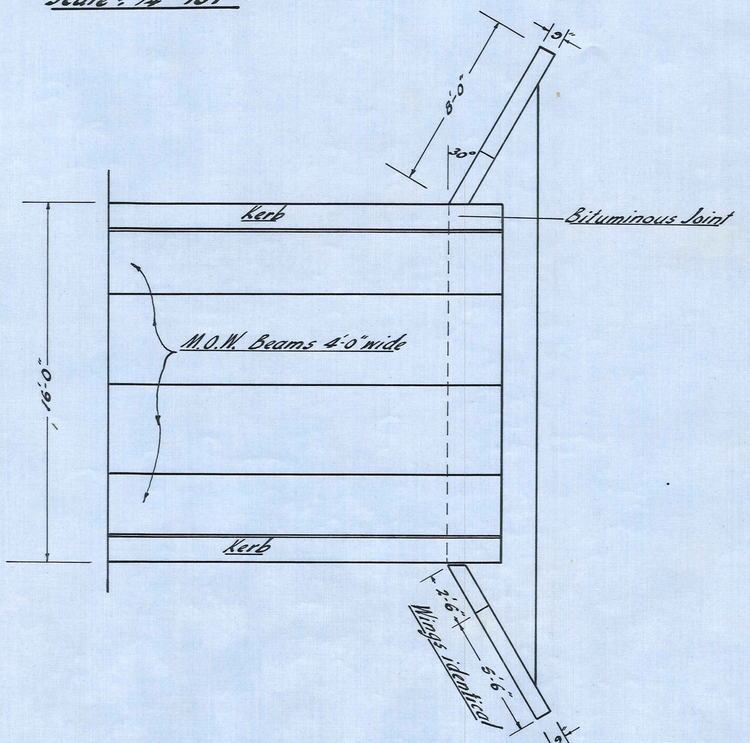


CHAMFER DETAIL

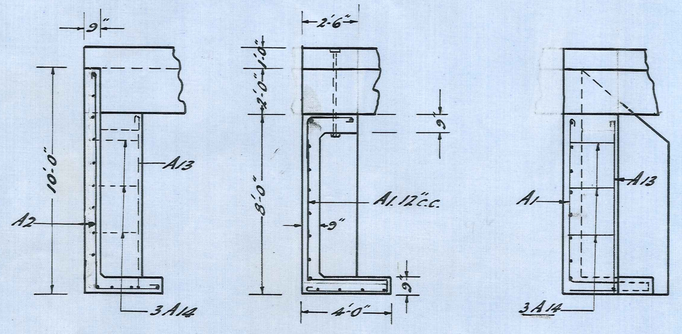
Note: Unless otherwise shown minimum cover on steel to be 1½



HALF PLAN OF ABUTMENT



HALF PLAN OF DECK
Scale: 1/4" to 1 Ft.

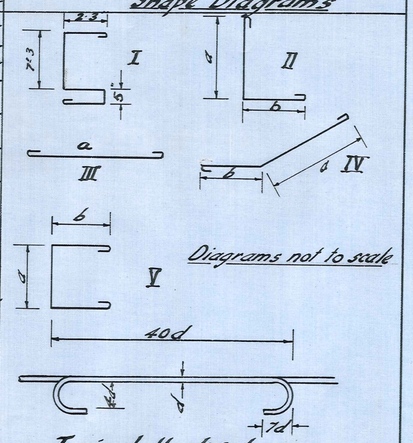


SECTION A-A
SECTION B-B
SECTION C-C
Scale: 1/4" to 1 Ft.

STEEL LIST

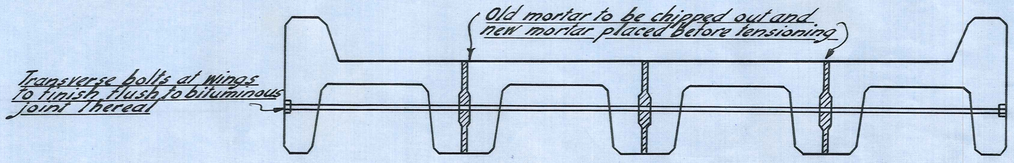
Rod	Dia	No	Shape	a	b	Cut lengths
A1	5/8"	34	I	-	-	18'-6"
A2	5/8"	12	II	9'-8"	1'-6"	12'-5"
A3	5/8"	4	II	9'-3"	1'-1"	11'-5"
A4	5/8"	4	II	8'-6"	0'-9"	10'-4"
A5	5/8"	4	II	7'-9"	0'-6"	9'-4"
A6	5/8"	4	III	7'-0"	-	7'-11"
A7	5/8"	4	III	6'-6"	-	7'-5"
A8	5/8"	24	IV	7'-9"	3'-0"	11'-10"
A9	5/8"	4	IV	7'-0"	8'-0"	11'-4"
A10	5/8"	4	IV	6'-0"	3'-0"	9'-1"
A11	5/8"	4	III	4'-6"	3'-0"	8'-7"
A12	5/8"	4	III	2'-7"	3'-0"	6'-8"
A13	5/8"	12	II	7'-8"	2'-0"	10'-3"
A14	1/2"	18	V	2'-1"	2'-3"	8'-6"
A15	1/2"	4	III	15'-2"	-	16'-1"
A16	1/2"	4	III	13'-3"	-	14'-2"
A17	1/2"	4	III	11'-6"	-	12'-5"
A18	5/8"	4	III	17'-3"	-	18'-2"
A19	5/8"	20	III	15'-9"	-	16'-8"

Shape Diagrams



Typical Hook & Lap

Note: Dimensions given are outside to outside of rods Minimum radius of bend to be 3d.



DETAIL OF M.O.W. GIRDER SECTIONS
Scale: 1/2" to 1 Ft.

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IDA VALLEY

DUFFILL, WATTS & KING
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DUNEDIN and INVERCARGILL

J. Fulton	Sept 1963	JOB NO.
W.C. Duffill	Oct. "	4373/2
R. Allnarden	Oct. '63	

S.B.K. FILE NO. 51/22