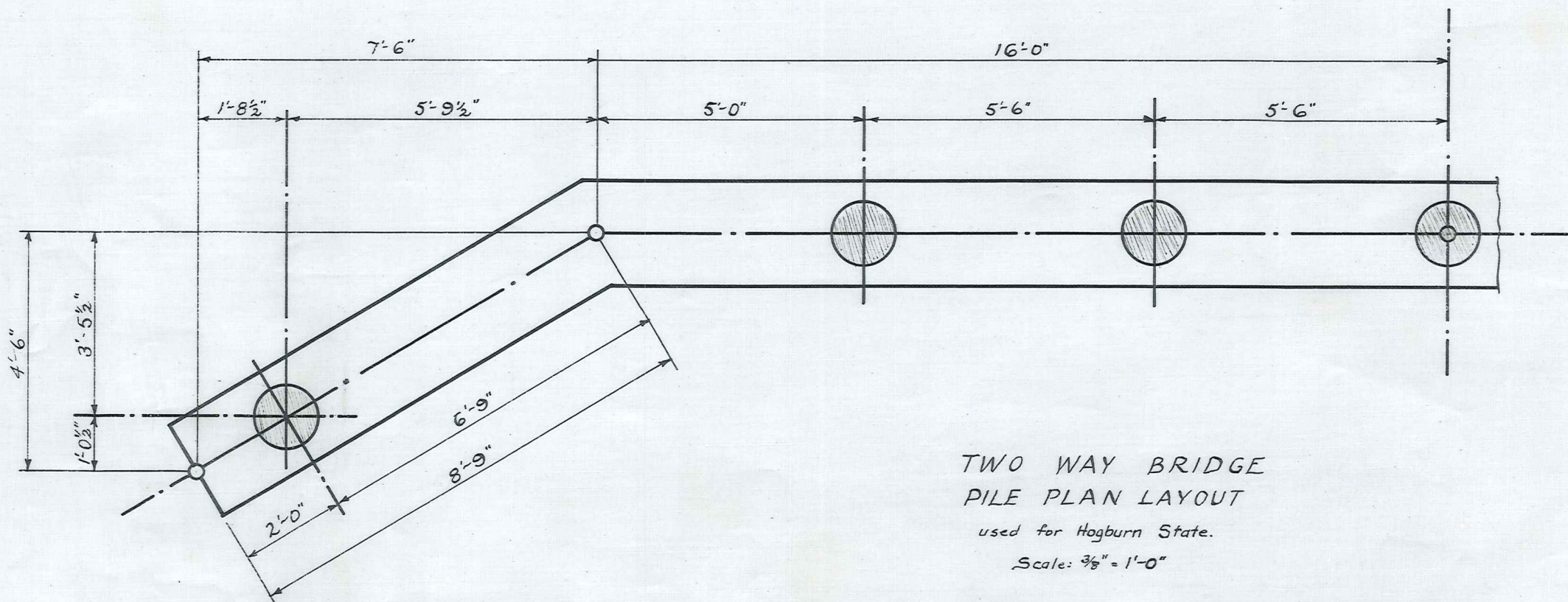


SINGLE WAY BRIDGE
PILE PLAN LAYOUT
used for Wetherburn Wilson.
Scale: $\frac{3}{8}$ " = 1'-0"

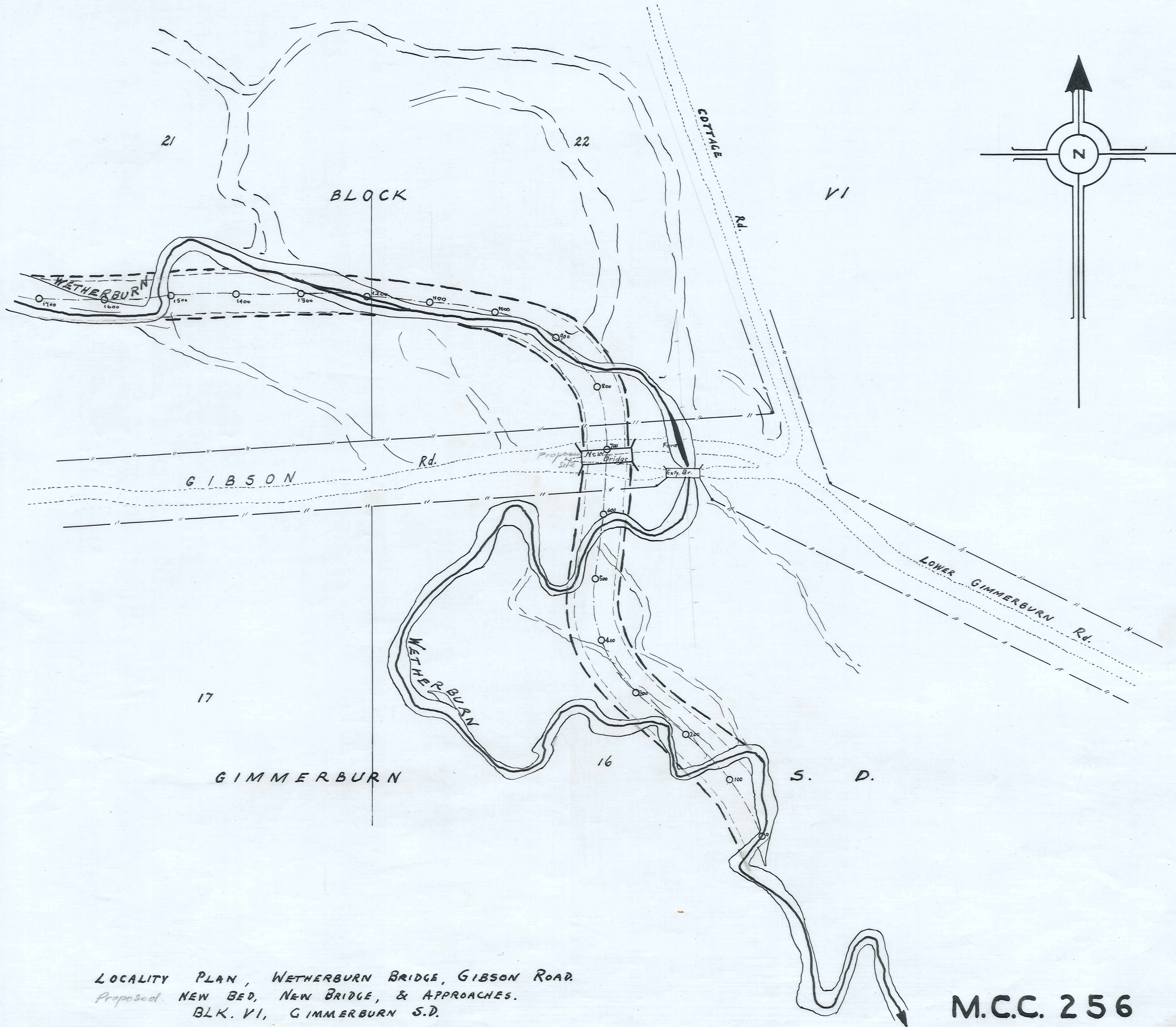
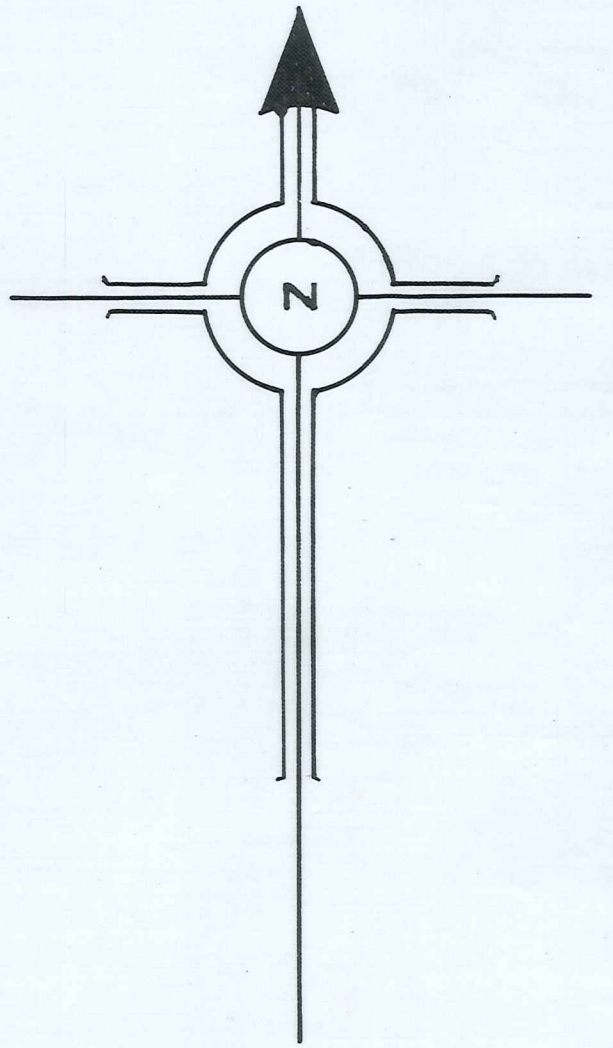


TWO WAY BRIDGE
PILE PLAN LAYOUT
used for Hogburn State.
Scale: $\frac{3}{8}$ " = 1'-0"

PILE LAYOUTS for USUAL ABUTMENTS
see Wetherburn & Hogburn Bridges.

M.C.C.
J.P.B. 6-5-54

FOLDER 1c
M.C.C. 281

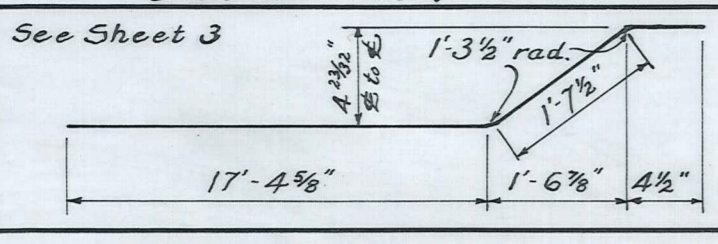


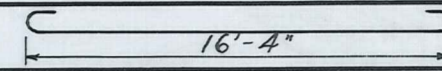
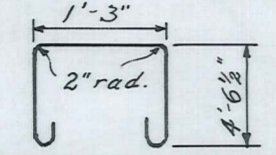
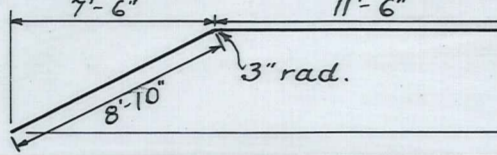
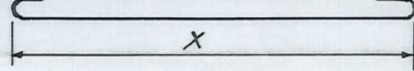
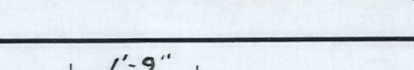
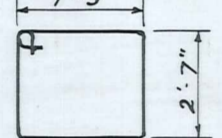
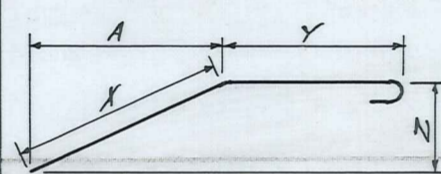
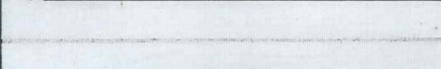
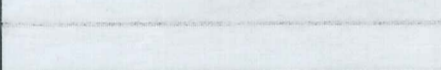
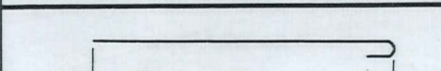
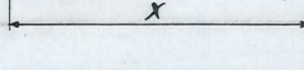
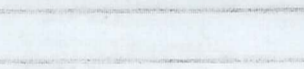
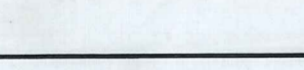
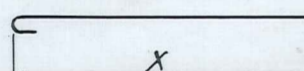
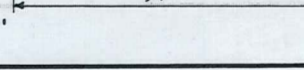
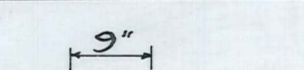
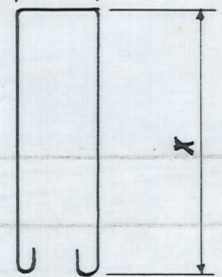





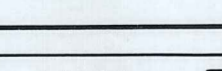
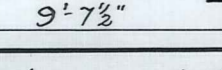
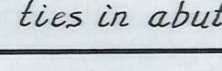
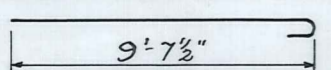
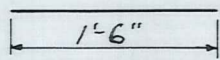
LOCALITY PLAN, WETHERBURN BRIDGE, GIBSON ROAD
Proposed. NEW BED, NEW BRIDGE, & APPROACHES.
BLK. VI, GIMMERBURN S.D.

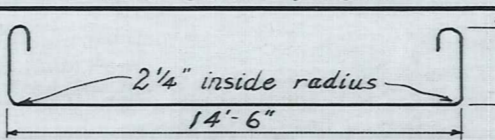
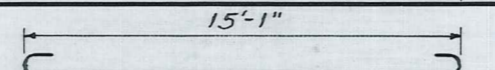
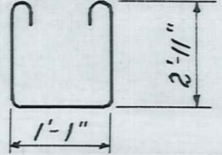
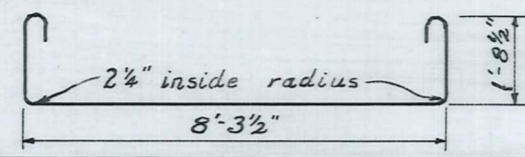
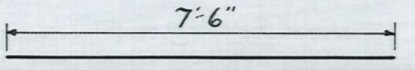
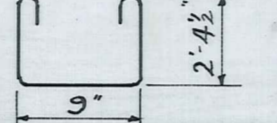
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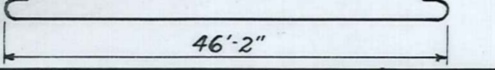
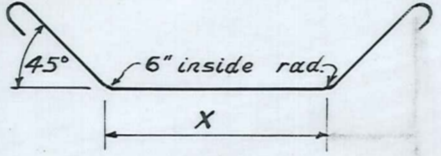
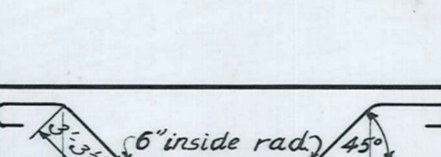
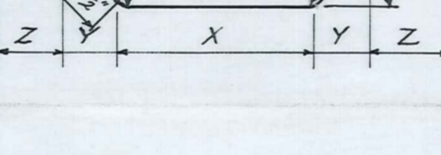
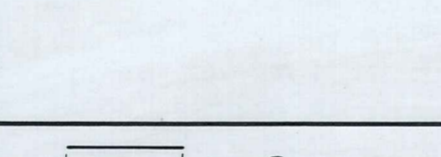
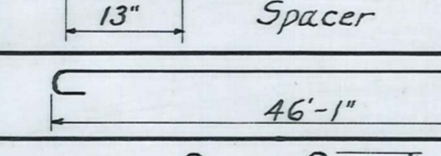
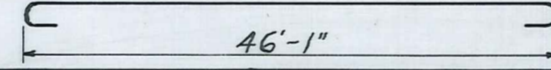
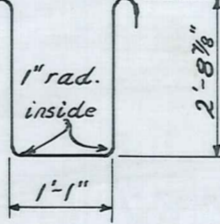
308 17-4-53

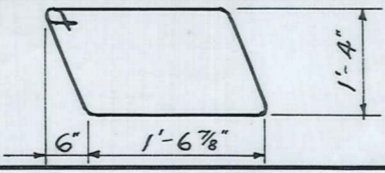
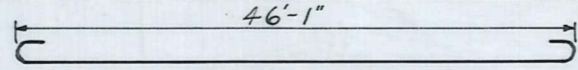
M.C.C. 256

PILE STEEL				
ROD	DESCRIPTION	DIA.	N ^o OF	LENGTH
P1	See Sheet 3 	3/8"	80	19'-4 1/2"
P2	See drawing	N ^o 6g.	10	476'-0"

ABUTMENT STEEL					
ROD	DESCRIPTION	DIA.	N ^o OF	LENGTH	
A1		5/8"	16	17'-3"	
A2		3/4"	42	11'-3"	
A3		3/4"	12	20'-9"	
A4		X=24'-11"	3/4"	6	26'-0"
A5		X=11'-5"	3/4"	12	12'-0"
A6		3/8"	74	9'-0"	
A7		A X Y Z 7'-5 8/8" 8'-8 1/2" 4'-1' 4'-3 1/2"	5/8"	16	13'-3"
A8		5'-8" 6'-6" 2'-7" 3'-5"	5/8"	4	9'-6"
A9		3'-9" 4'-4" 2'-7" 2'-3"	5/8"	4	7'-6"
A10		1'-10 1/2" 2'-2" 2'-7" 1'-1 1/2"	5/8"	4	5'-3"
A11		9'-9"	5/8"	16	10'-3"
A12		7'-8"	5/8"	4	8'-2"
A13		5'-6"	5/8"	4	6'-0"
A14		3'-5"	5/8"	4	3'-11"
A15		5'-1"	5/8"	16	6'-0"
A16		3'-7"	5/8"	12	4'-6"
A17		3'-9"	5/8"	4	9'-0"
A18		4'-3"	5/8"	4	10'-0"
A19		4'-9"	5/8"	4	11'-0"
A20		5'-3"	5/8"	4	12'-0"
A21		5'-9"	5/8"	4	13'-0"
A22		6'-3"	5/8"	4	14'-0"
A23		6'-9"	5/8"	4	15'-0"
A24		7'-3"	5/8"	4	16'-0"
A25		7'-9"	5/8"	16	17'-0"
A26		1/2"	8	10'-0"	
A27	Wire ties in abutment	N ^o 6g.	100	3'-0"	
A28	Wire ties in wingwall	N ^o 6g.	100	2'-0"	
A29		1 1/4"	8	1'-6"	

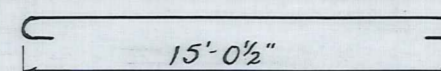
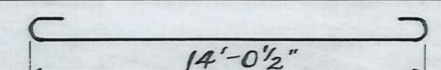
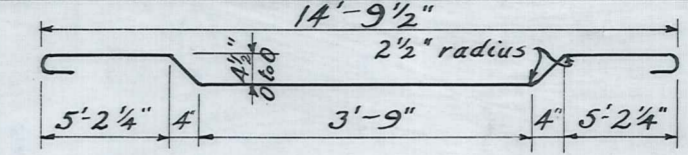
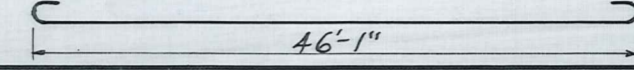
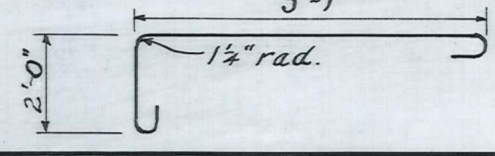
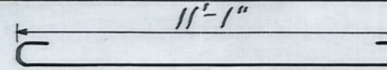
BEAM STEEL				
ROD	DESCRIPTION	DIA.	N ^o OF	LENGTH
B1		1 1/8"	4	20'-6"
B2		5/8"	4	16'-0"
B3		1/2"	26	7'-6"
B4		1 1/8"	2	13'-0"
B5		5/8"	2	7'-6"
B6		1/2"	7	6'-1"

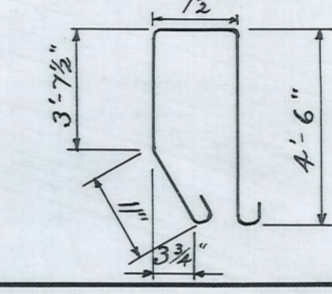
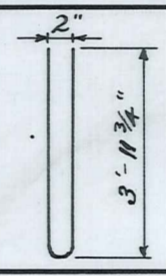
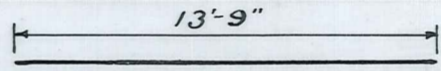
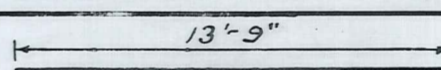
GIRDER STEEL					
ROD	DESCRIPTION	DIA.	N ^o OF	LENGTH	
G1		1 1/4"	8	48'-0"	
G2		X Y 40'-8" 3'-6 1/4"	1 1/4"	2	49'-6"
G3		X Y Z 40'-4" 3'-5 1/4"	1 1/4"	2	49'-0"
G4		X Y Z 35'-6" 2'-4 1/8" 2'-1"	1 1/4"	4	48'-0"
G5		X Y Z 30'-0" 2'-4 1/8" 1'-10"	1 1/4"	4	42'-0"
G6		X Y Z 23'-6" 2'-1 1/8" 2'-4"	1 1/4"	4	36'-0"
G7	13" Spacer	1 1/4"	30	1'-1"	
G8		5/8"	4	47'-0"	
G9		1/2"	146	7'-2"	

KERB STEEL				
ROD	DESCRIPTION	DIA.	N ^o OF	LENGTH
K1		3/8"	90	6'-6"
K2		5/8"	8	47'-0"

NOTES.

- Rod sketches are not to scale.
- Dimensions are outside to outside unless otherwise shown.
- Rods D1, D2 & D3 to be sloped 1" to suit deck slab slope.

DECK STEEL					
ROD	DESCRIPTION	DIA.	N ^o OF	LENGTH	
D1		D1, D2 and D3 to be set to slope of slab	5/8"	38	16'-0"
D2			5/8"	38	15'-0"
D3			5/8"	37	16'-0"
D4			5/8"	10	47'-0"
D5			5/8"	10	8'-0"
D6			5/8"	5	12'-0"

RAIL STEEL				
ROD	DESCRIPTION	DIA.	N ^o OF	LENGTH
R1		5/8"	12	10'-6"
R2	See drawing	N ^o 6g.	24	5'-3"
R3		3/8"	208	8'-0"
R4		1/2"	12	13'-9"
R5		3/8"	12	13'-9"
R6	See drawing	N ^o 6g.	6	20'-0"

ROD DIA.	LENGTH	WEIGHT
1 1/4"	1129' - 6"	2.099 T.
1 1/8"	108' - 0"	0.163 T.
7/8"	1550' - 0"	1.414 T.
3/4"	1021' - 6"	0.685 T.
5/8"	4580' - 4"	2.133 T.
1/2"	1498' - 6"	0.447 T.
3/8"	2495' - 0"	0.419 T.
N ^o 6g. wire	6201' - 0"	0.272 T.
TOTAL WEIGHT =		7.632 Tons.

MANIOTOTO COUNTY
13/10/54
R.J. Black, County Engineer
CONTRACT N^o 387

WETHERBURN (ROBERTS) BRIDGE
GIBSON ROAD
REINFORCING SCHEDULE

SCALES: Not to scale.
FILE: 34/1, FOLDER: 1b.
M.C.C. 295B
SHEET 1 OF 4 SHEETS.