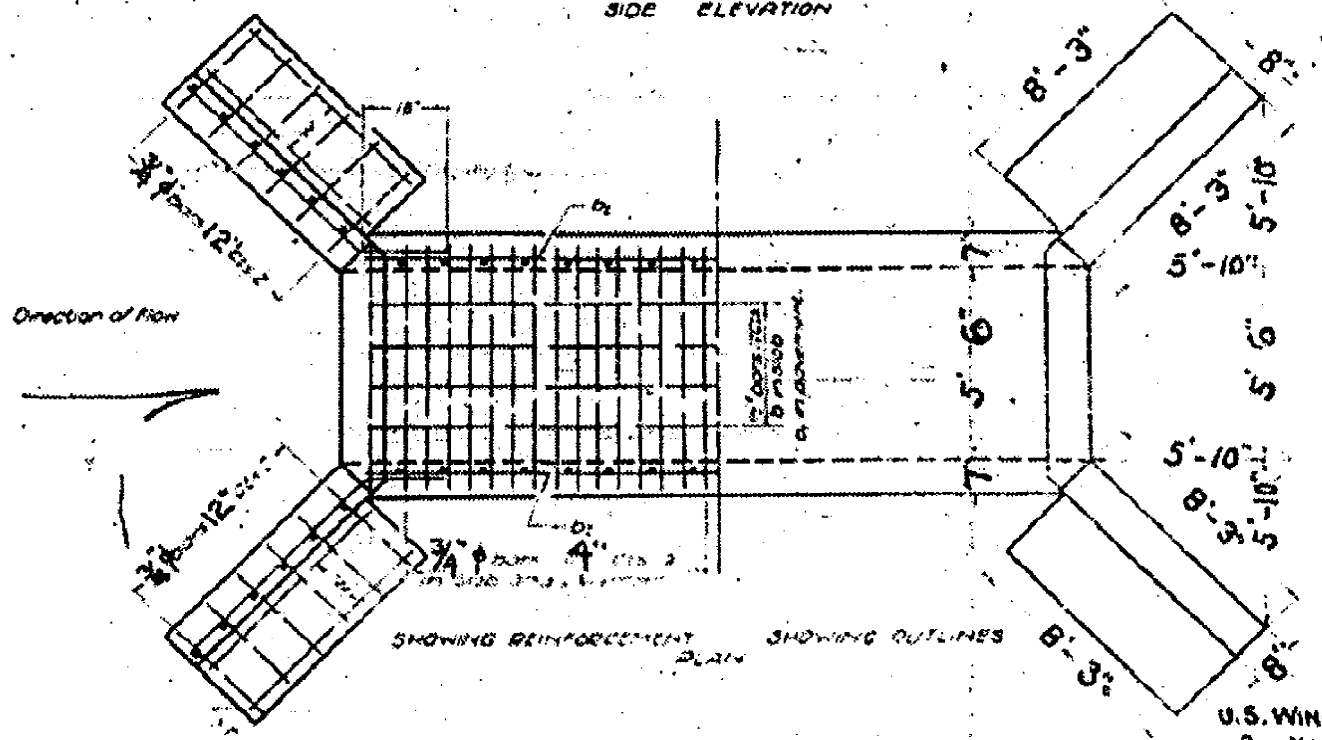


HALF LONGITUDINAL SECTION SIDE ELEVATION HALF ELEVATION

HALF SECTION END ELEVATION HALF ELEVATION



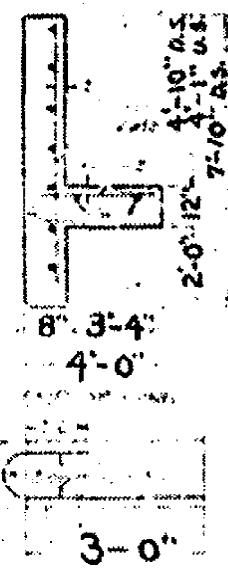
Direction of flow

SHOWING REINFORCEMENT PLAN SHOWING OUTLINES

NOTES:
Class V concrete shall be used throughout
All reinforcing steel shall be wired securely
in place before the concrete is poured

U.S. WING
2-V4
3-V5
3-V1

D.S. WING
2-V1
3-V2
3-V3



BILL OF MATERIAL

Bar	Number	Size	Length
0	24	3/4"	8'-3"
0	12	1/2"	22'-6"
0	12	1/2"	22'-6"
0	24	1/2"	22'-6"
V1	6	1/2"	8'-6"
V1	10	1/2"	6'-0"
V1	30	1/2"	9'-6"
V1	4	1/2"	7'-0"
V1	4	1/2"	5'-0"
V1	80	1/2"	7'-6"
V1	4	3/4"	7'-6"
V1	6	3/4"	8'-6"
V1	12	3/4"	10'-9"
V1	4	3/4"	7'-0"
V1	8	1/2"	6'-0"
V1	3	3/4"	4'-6"
Class V Concrete			37.8
Reinforcing Steel 1/2"			3/40

SPECIAL CULVERT DESIGN
S.B.I. RT. 119 - CONST. SEC. II
VERMILION CO.
STR. 172 + 31