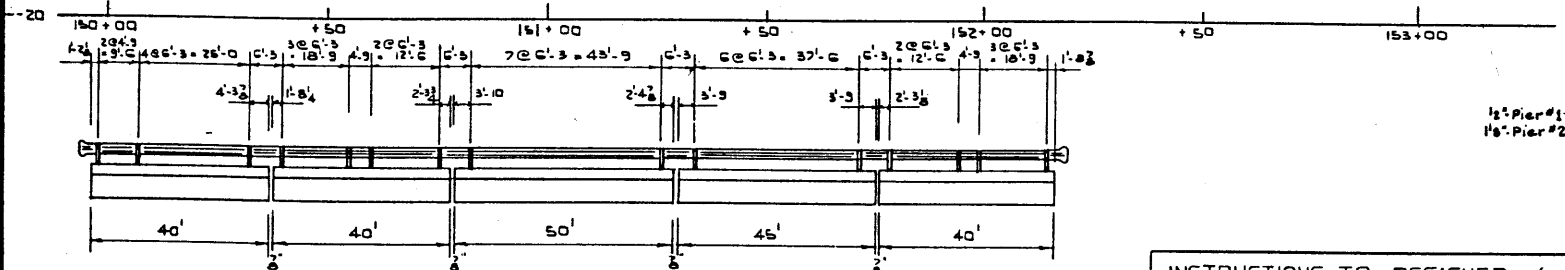
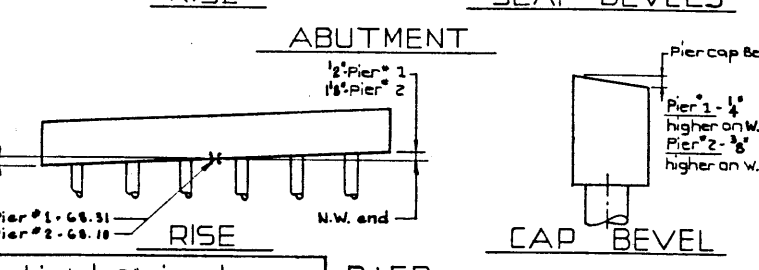
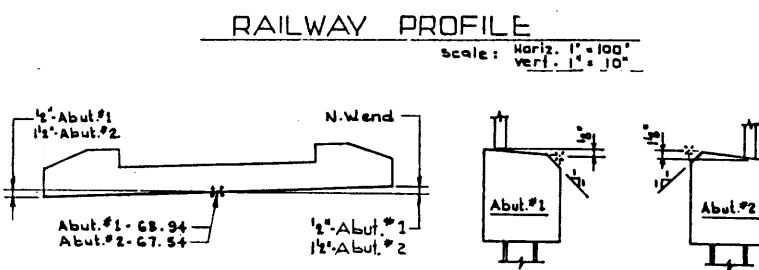
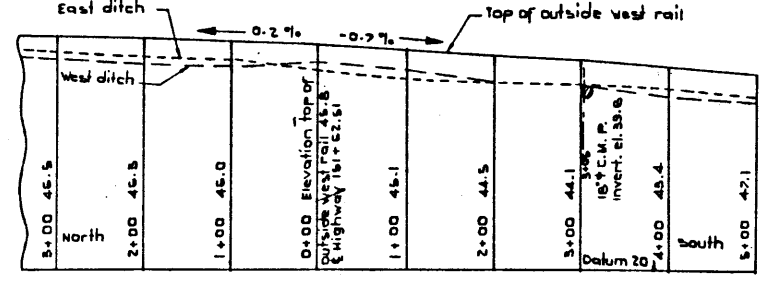
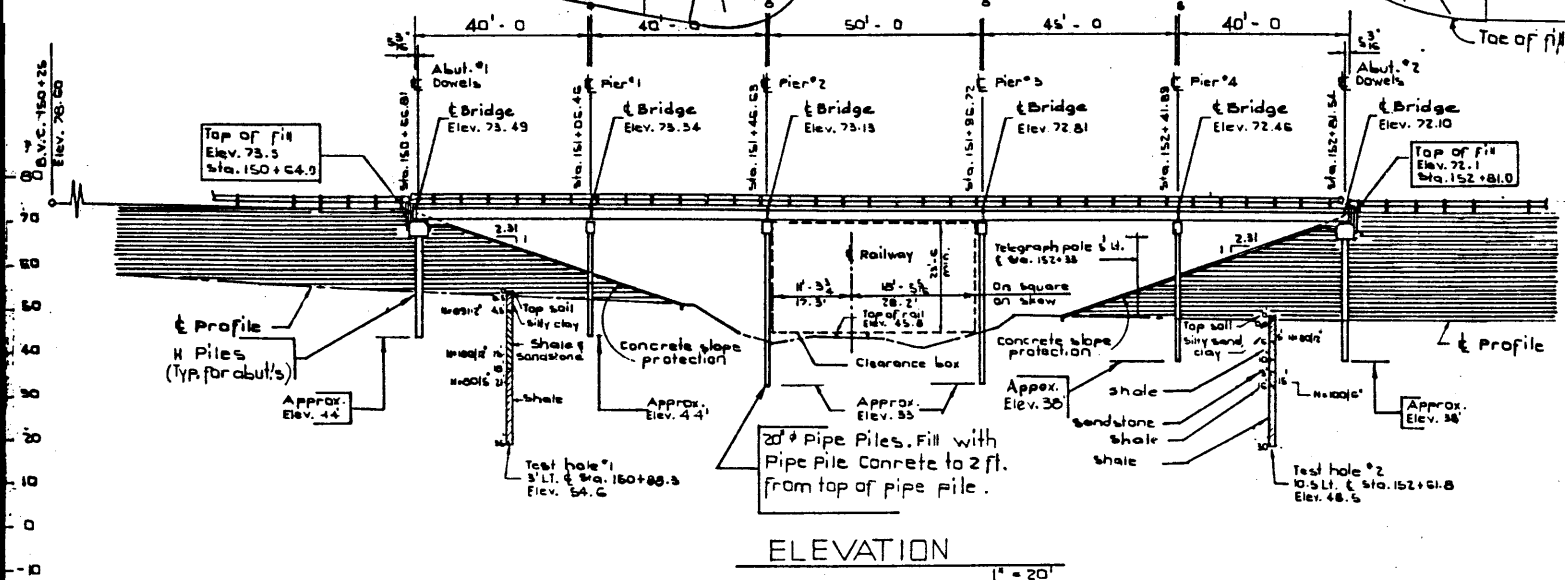
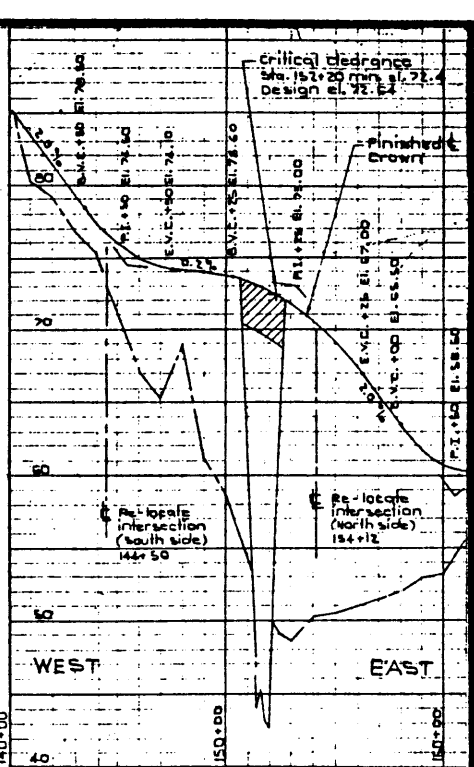
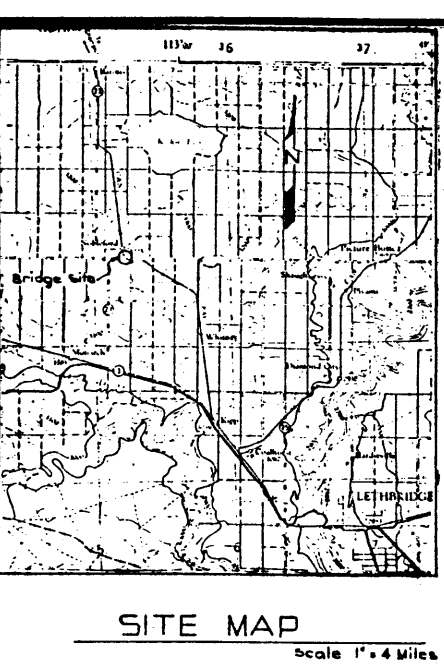
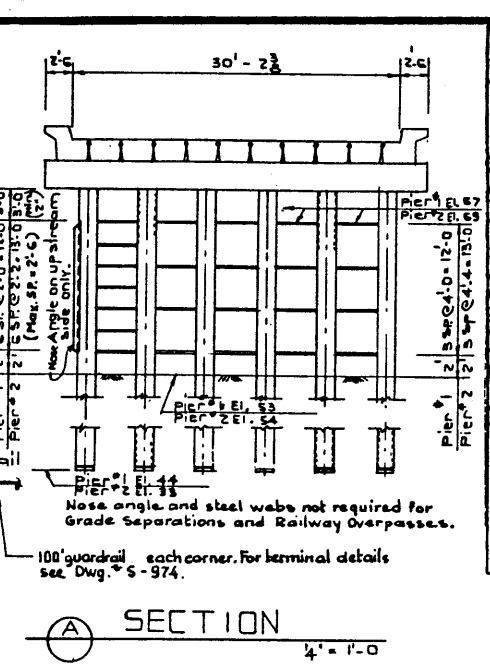
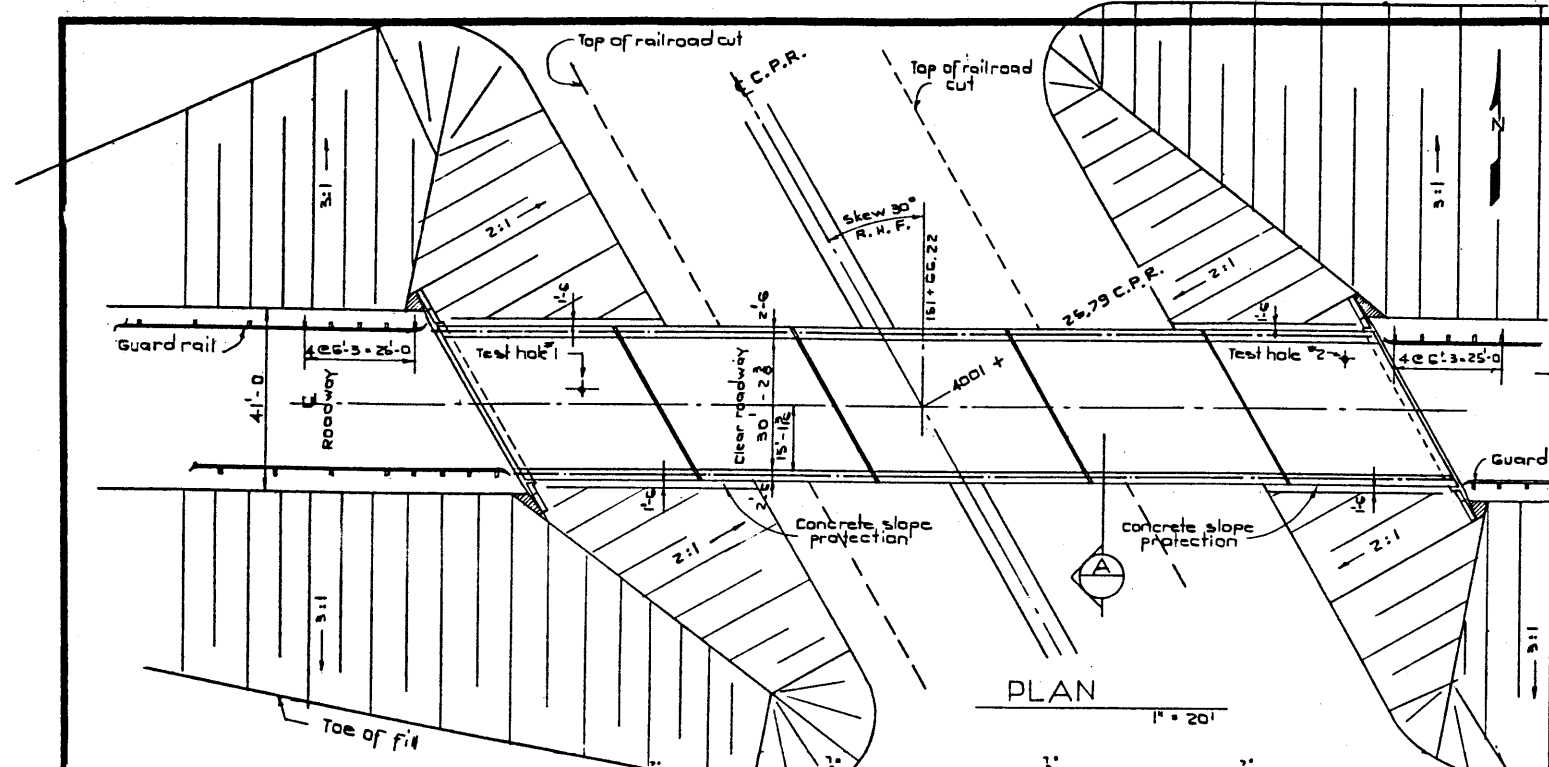


DESIGNED BY SHIK LEE DATE June 18 70
 CHECKED BY L. Kghlmann DATE June 18 70
 CHECKED BY J. J. J. DATE Jan 15 71



GENERAL NOTES:

- Foundation information shown is for guidance only of the Contractor.
- Precast stringers are to be fabricated as shown on Drawings S-796, S-797, S-798, S-799, S-800, S-801 except as modified on Drawing S-
- Deck elevations are given to top of finished pavement at E of bridge. No crown on bridge deck.
- Shop Drawings are not required for the deck units and need consist only of concrete outlines for the abutment and pier caps.

ELEVATION DATUM - according to Survey by Dist. Eng. T.D.M. Greer, Jan. 1966 and Sept. 1966.

BM # 0 - 51' RT of Sta. 140+00 Elev. 71.10
 BM # 11 - 51' RT of Sta. 150+00 Elev. 60.11
 BM # 12 - 51' RT of Sta. 155+00 Elev. 48.99

INSTRUCTIONS TO DESIGNER: (Do not include following notes on General Layout)

Substructure components designed for a max. span of 60' (including 25 pounds per sq. ft. of wearing surface)

Maximum column length: 26 ft. from top of pipe pile to point of theoretical fixity (5 ft. below ground elevation)

Maximum distance between E of bearing and top of fill to be 5 ft.

Ice force 1 2 ft. thick ice, ice pressure of 150 p.s.i., maximum ice elevation at 3' of column length.

Elevation of pier webs: Bottom of pier webs to be 2' above ground elevation or streambed elevation, top of pier webs to be 1 ft. below high ice elevation and at least 2' below bottom of pier cap.

Check overturning of pier due to ice if pile penetration is shallow (15 ft. or less) and/or if soil has low cohesive strength.

ITEM	UNIT	SUBSTRUCT.	TOTAL AMT.	AS CONTR.
Deep Beam Guardrail	lin. ft.		474	460
Excavation Common Dry	cu. yd.		210	222
Asphaltic Wearing Surface	sq. yd.		139	854
Concrete slope Protection	sq. yd.		550	744
Concrete class D	cu. yd.		19	20
Reinforcing steel	lbs.	40,603	40,603	40,708
Pipe Piles (20")	lin. ft.	268	268	149
Steel H Piles	lin. ft.	152	152	130
Backfill-compact Granular	cu. yds.	67	67	63

NO.	DESCRIPTION	QTY.
11	Guardrail Post Details	
10	50 Ft. span Type M Curb Stringer	
9	50 Ft. span Type M Stringer	
8	45 Ft. span Type M Curb Stringer	
7	45 Ft. span Type M Stringer	S-798
6	40 Ft. span Type M Curb Stringer	S-801
5	40 Ft. span Type M Stringer	S-800
4	Miscellaneous Details #1	S-
3	Pier side Type M Bridge, 30' roadway, R.L.E. Slab	S-
2	Abut. side Type M Bridge, 30' roadway, R.L.E. Slab	S-
1	General Layout	4842-P

PIER

APPROVED: [Signature] ENGINEER

REVISIONS:

NO.	DATE	DESCRIPTION	BY
1	Jan. 14/71	General Revisions	E.G.G.

STANDARD TYPE M BRIDGE

EXAMPLE GENERAL LAYOUT

GOVERNMENT OF THE PROVINCE OF ALBERTA
 DEPARTMENT OF HIGHWAYS AND TRANSPORT
 BRIDGE BRANCH, EDMONTON

FILE NO. _____ HWY. NO. _____ DWS. NO. _____
 LOCATION _____ SCALE _____ SHEET _____ OF _____
 STREAM _____

AT U.S. RECORDS CENTER
 12812