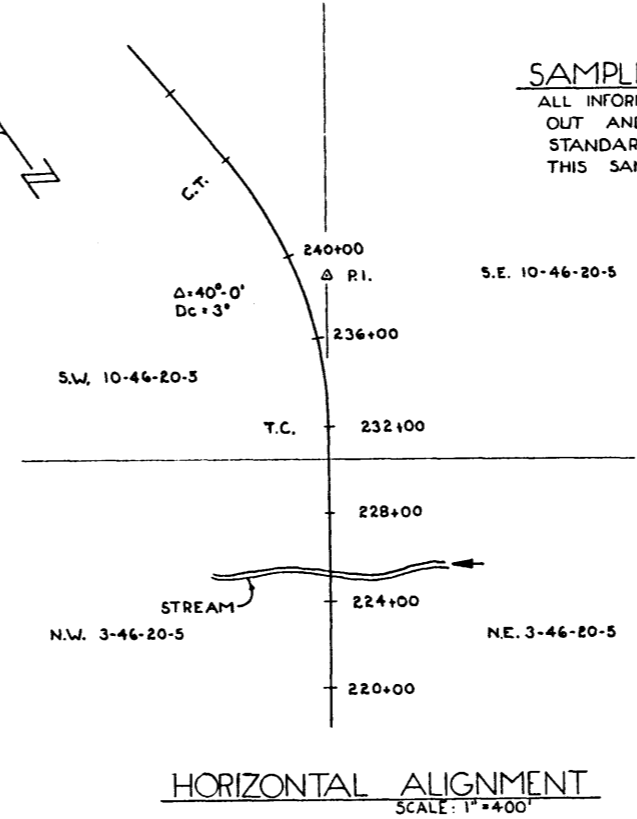
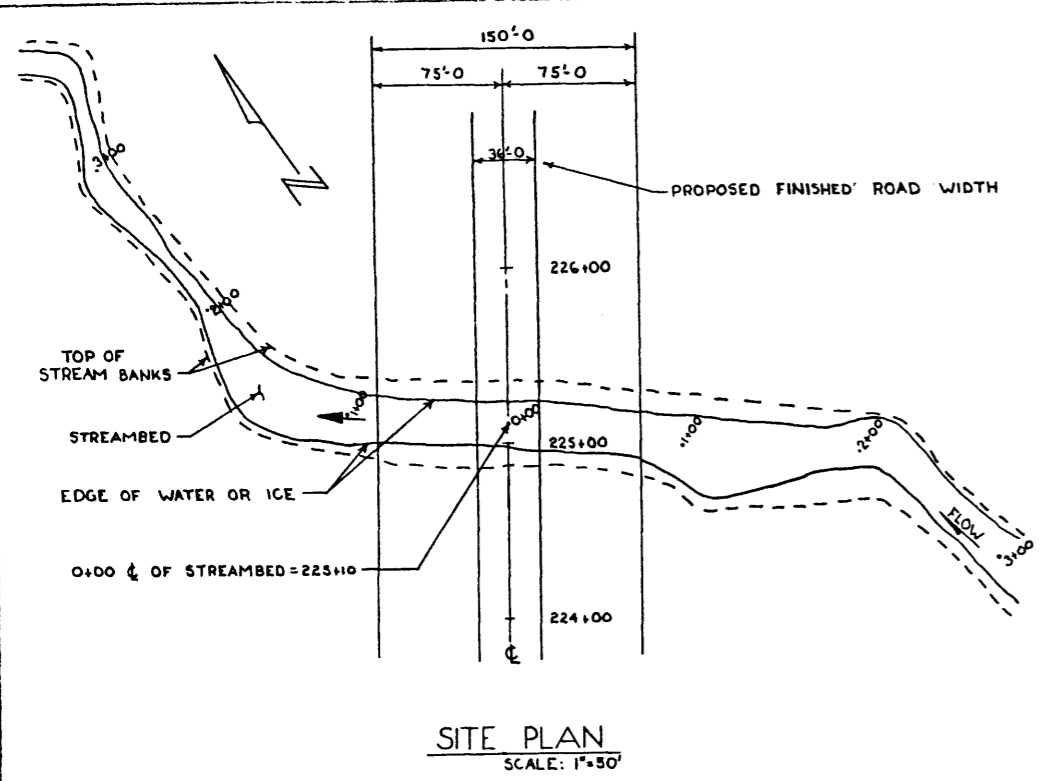


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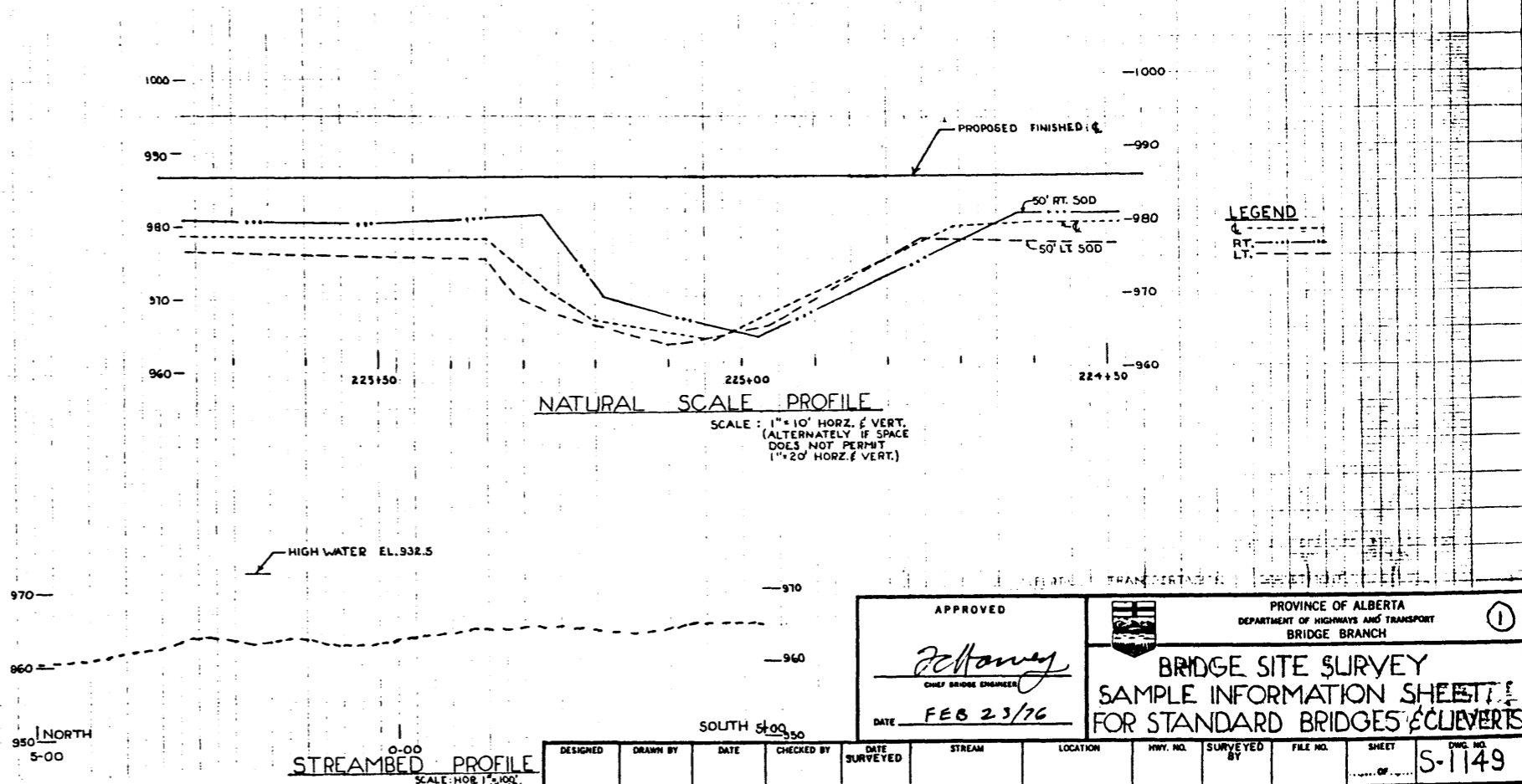
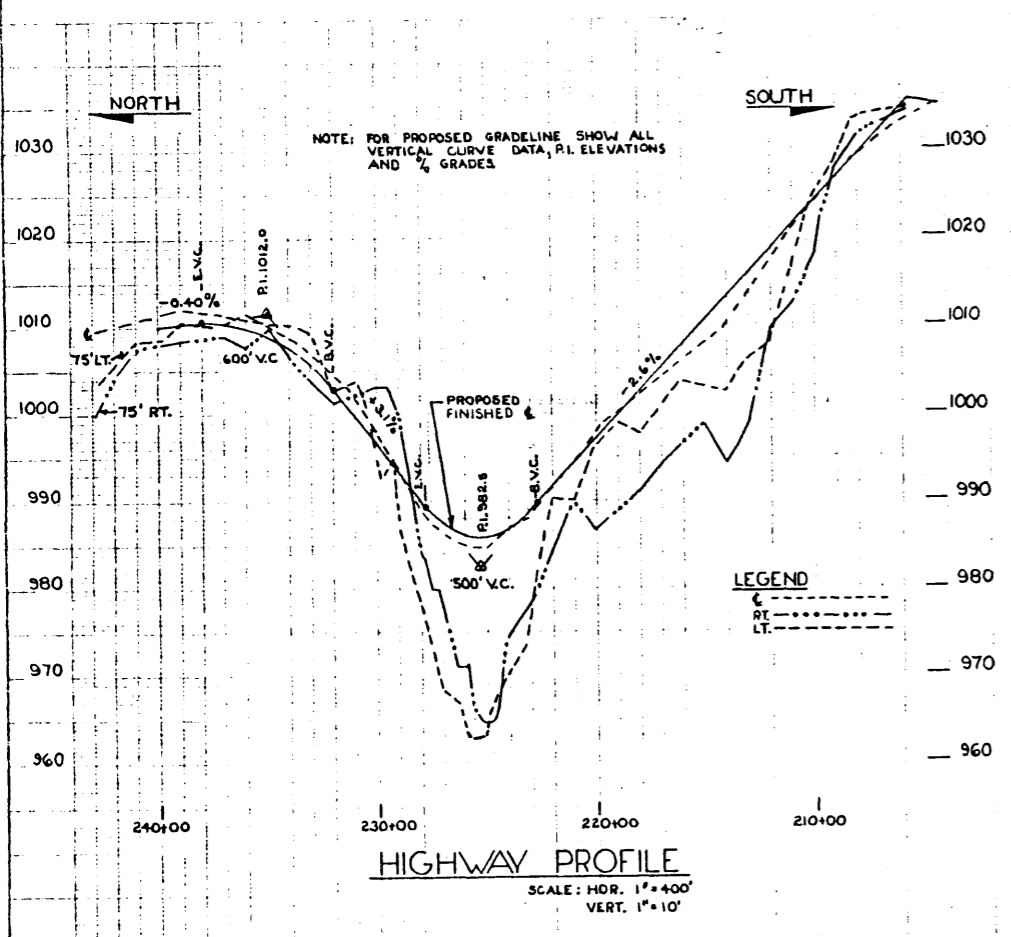
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**SAMPLE PLAN ONLY**  
ALL INFORMATION TO BE LAID OUT AND DRAWN ON ONE STANDARD SHEET AS PER THIS SAMPLE.

- BRIDGE SITE SURVEY INSTRUMENTS**
- 1. SITE PLAN**  
SITE PLAN TO SCALE 1" = 50' SHOWING LOCATION AND SKETCH OF THE STREAM CHANNEL, RELATIONSHIP TO OLD AND NEW CENTERLINES, LOCATION OF EXISTING BRIDGE STRUCTURES, BALCOATS, TELEPHONE AND POWER LINES, PIPELINES, FENCES, ETC. SHOW THE LOCATION OF TRANSIT NUBS, BASE LINES AND BENCH MARKS. SITE PLAN TO BE EXTENDED AS NECESSARY TO SHOW GENERAL DIRECTION OF STREAM FLOW. SHOW LOCATION OF ANY POSSIBLE STREAM DIVERSIONS. WHEN POSSIBLE, THE HIGHWAY ALIGNMENT AND THE STREAM ALIGNMENT SHOULD BE PLOTTED ON THE MOSAIC.
  - 2. HIGHWAY PROFILE**  
PROFILES DRAWN TO SCALE 1" = 10' VERTICALLY AND 1" = 400' HORIZONTALLY SHOWING CENTERLINE AND LEFT AND RIGHT SOD LINES. ALSO SHOW PROPOSED GRADELINE. MOSAIC PLAN PROFILE SHEET WITH DESIGN GRADELINE TO BE PROVIDED IN LIBR OF THE ABOVE IF AVAILABLE.
  - 3. NATURAL SCALE PROFILE**  
NATURAL SCALE PROFILES TO SCALE 1" = 10' ON THE PROPOSED CENTERLINE AND 20' LEFT AND RIGHT SOD LINES. PROFILES TO EXTEND 100' BEYOND TOP OF BANK AT EACH LINE AND TO SHOW ALL BREAKS IN GROUND. IF EXISTING BRIDGE IS ON PROPOSED ALIGNMENT SHOW ELEVATION OF EXISTING BRIDGE DECK AND LOCATION OF EXISTING ABUTMENTS AND PILES.
  - 4. PROFILE ALONG THE STREAMBED**  
PROFILE ALONG THE STREAMBED AND OF THE EXISTING WATER OR ICE LEVELS TO SCALE 1" = 10' VERTICALLY AND 1" = 100' HORIZONTALLY FOR 50' UP STREAM AND DOWNSTREAM OF CROSSING. ALSO TAKE PROFILE ALONG POSSIBLE STREAM DIVERSIONS, AND SHOW INVERT ELEVATIONS OF EXISTING CULVERTS.
  - 5. HORIZONTAL ALIGNMENT**  
DRAWN TO SCALE 1" = 400' SHOWING HIGHWAY ALIGNMENT AND STREAM ALIGNMENT. SHOW HIGHWAY STATIONING AND HORIZONTAL CURVE DATA.
- GENERAL NOTES**
- ESTABLISH A BENCH MARK AND TRANSIT NUB NEAR EACH SURVEY POINT FOR REFERENCE PURPOSES.
  - MOSAIC PLAN PROFILE SHEET WITH DESIGN GRADELINE TO BE SUBSTITUTED FOR (2) AND (3) ABOVE IF AVAILABLE.
  - ORIGINAL PLAN TO BE SENT TO BRIDGE BRANCH.



APPROVED		PROVINCE OF ALBERTA DEPARTMENT OF HIGHWAYS AND TRANSPORT BRIDGE BRANCH	
<i>Peltanay</i> CHIEF BRIDGE ENGINEER		BRIDGE SITE SURVEY SAMPLE INFORMATION SHEET FOR STANDARD BRIDGES & CULVERTS	
DATE FEB 23/76		①	
DESIGNED	DRAWN BY	DATE	CHECKED BY
DATE SURVEYED	STREAM	LOCATION	WHY. NO.
SURVEYED BY	FILE NO.	SHEET	DWG. NO.
			S-1149