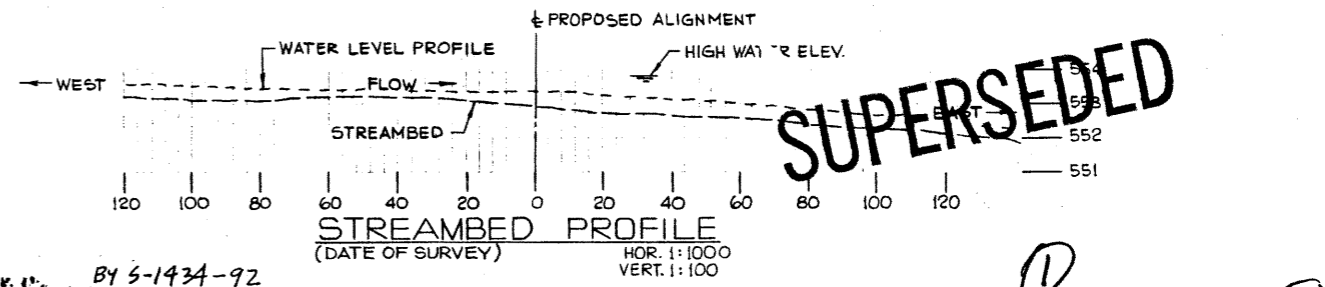
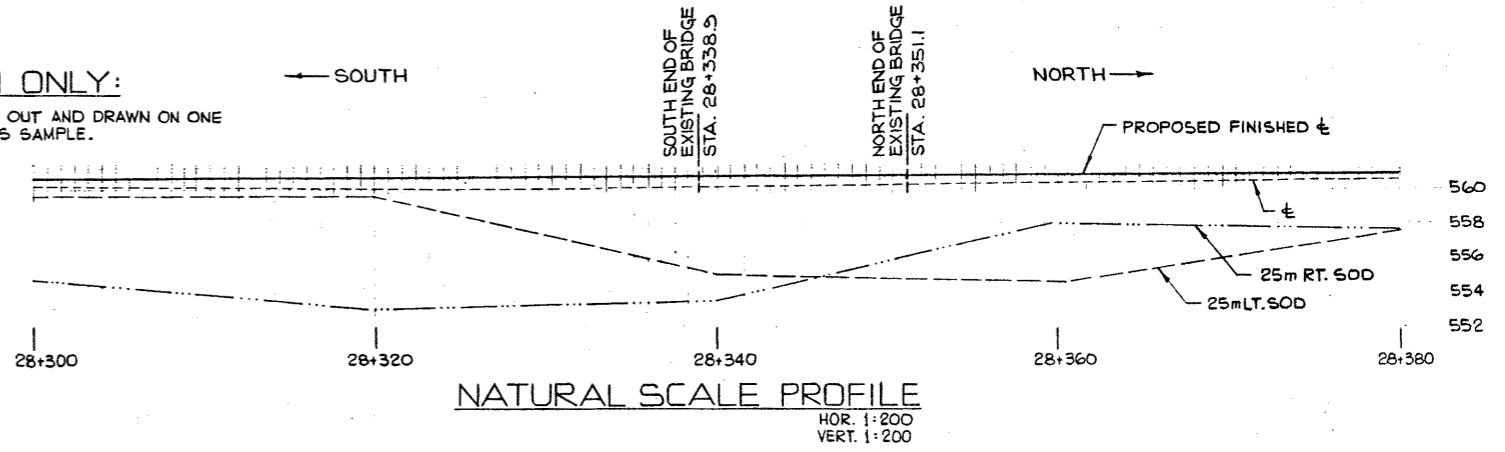
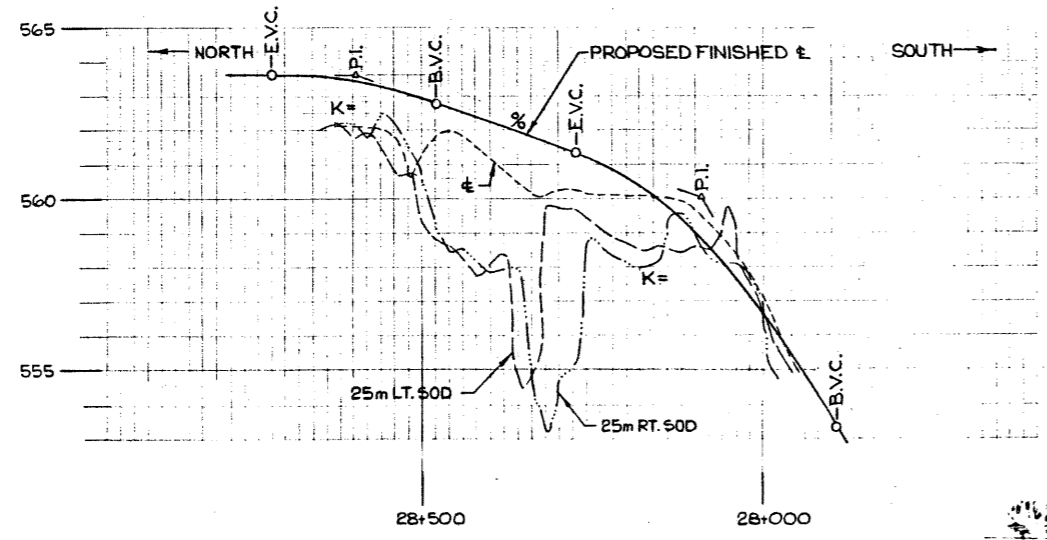


- BRIDGE SITE SURVEY REQUIREMENTS**
- 1. Site Plan**
Site plan to scale 1:500 showing location and skew of the stream channel, relationship to old and new centerlines, location of existing bridge structures, railroads, telephone and powerlines, pipelines, fences, etc. Show the location of transit hubs, baselines 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 1:100 vertically and 1:5000 horizontally showing centerline and left and right sod lines. Also show proposed gradeline. Mosaic plan profile sheet with design gradeline to be provided in lieu of the above if available.
 - 3. Natural Scale Profiles**
Natural scale profiles to scale 1:200 on the proposed centerline and left and right sod lines. Profiles to extend 40 m beyond top of bank at each line and to show all breaks in ground. If an existing bridge is on or near proposed alignment, show elevations of existing bridge deck and location of existing abutments and piers.
 - 4. Profile Along Streambed**
Profile along streambed and of existing water or ice level to scale 1:100 vertically and 1:1000 horizontally for 150 m upstream and downstream of crossing. Also take profile along any possible stream diversions, and show invert elevations of existing culverts.
 - 5. Horizontal Alignment**
Draw to scale 1:5000 showing highway alignment and stream alignment. Show highway stationing and horizontal curve data.
- GENERAL NOTES**
- Establish a bench mark and transit hub near each site for reference purposes.
 - Mosaic plan profile sheet with design gradeline to be substituted for (2) and (5) above, if available.
 - Original plan to be sent to the Regional Bridge Engineer.

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



NOTE:

- SHOW ALL ELEVATIONS AND STATIONS FOR B.V.C., E.V.C. AND P.I. ALSO SHOW % GRADES AND K VALUES.
- MAY ALSO USE 1:200 FOR VERTICAL SCALE.

SURVEY BY: _____
UNDER THE DIRECTION OF: _____
DATE OF SURVEY: _____

BY 5-1434-92
REV Δ
(92-07-07)

NO.	DATE	DESCRIPTION	BY	CHK'D
84-01-11		GENERAL REVISIONS	WARJGR	

METRIC

Alberta
TRANSPORTATION
Regional Transportation Services

SAMPLE INFORMATION SHEET
BRIDGE SITE SURVEY FOR
STANDARD BRIDGES & CULVERTS

DESIGNED	DRAWN BY	DATE	CHK'D	STREAM	LOCATION	HWY. NO.	SCALE	FILE NO.	SHEET	DWG. NO.
S.TAKHAR	A.PHILLIPS	78 11 16	G.E.V.						1 OF 1	S-1434-84

