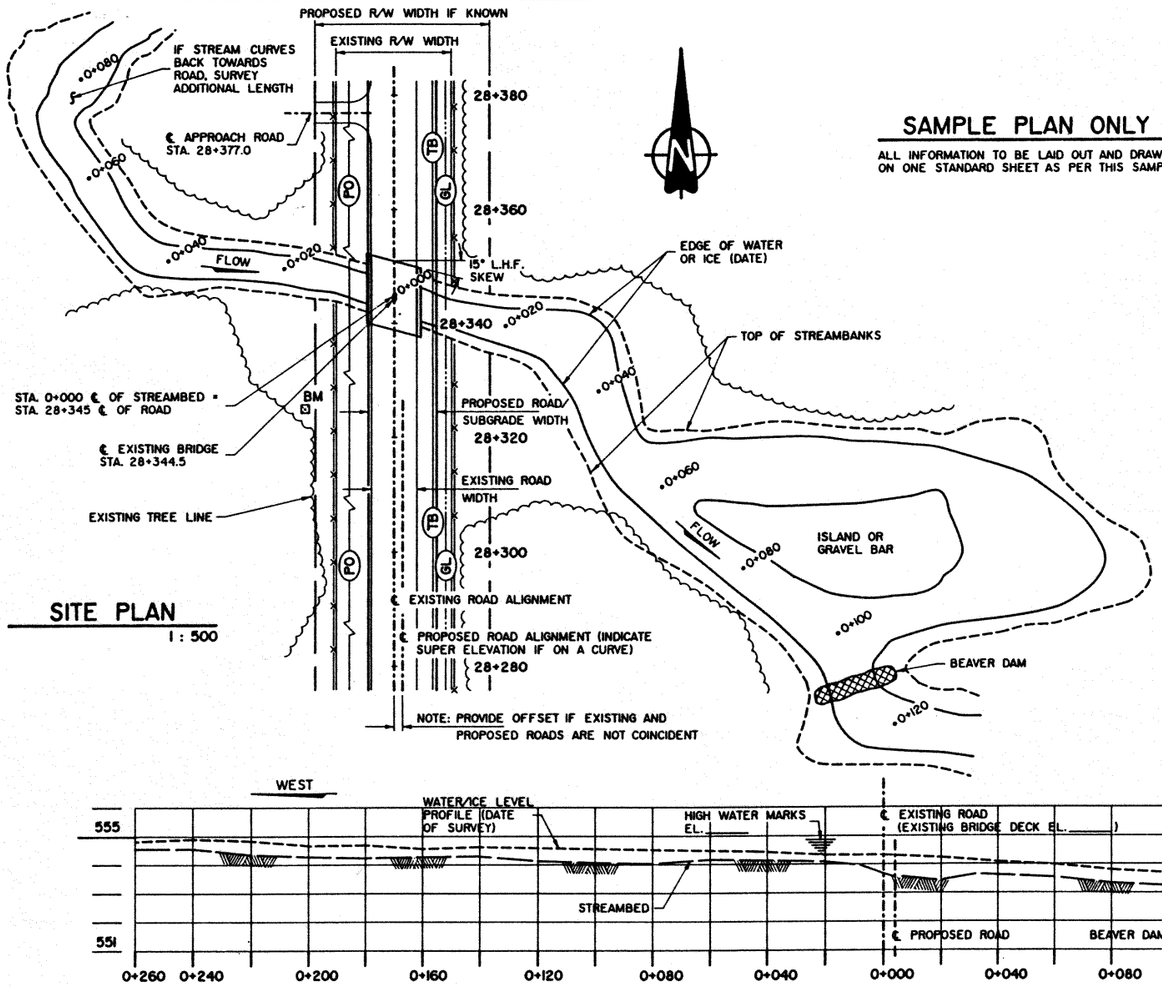
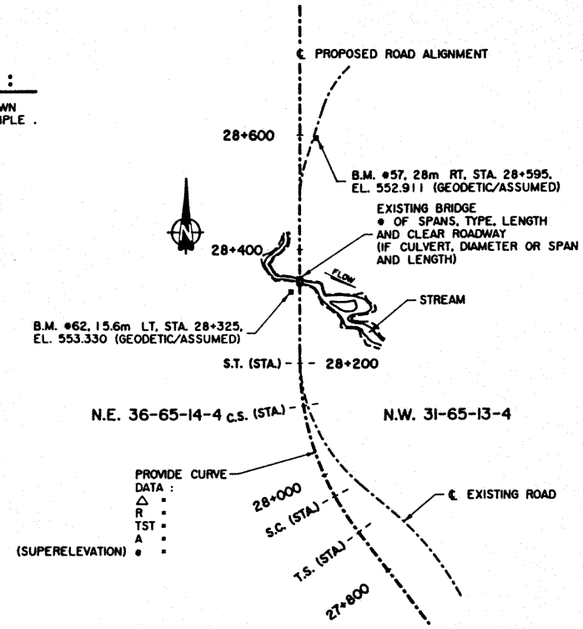


SITE PLAN
1 : 500

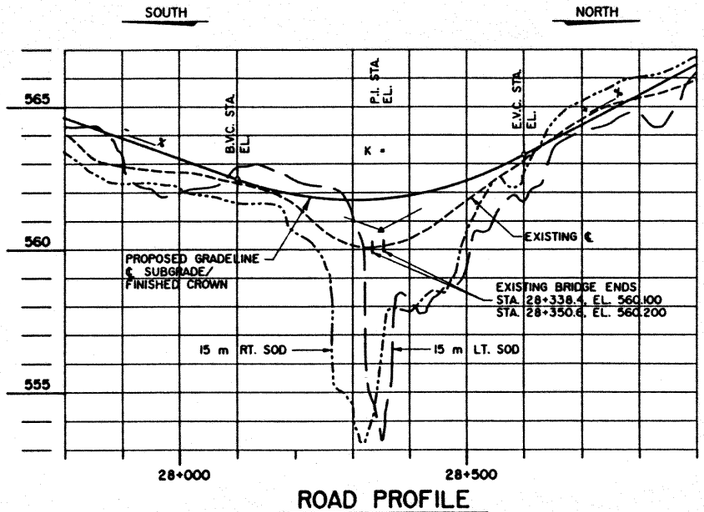
SAMPLE PLAN ONLY :

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

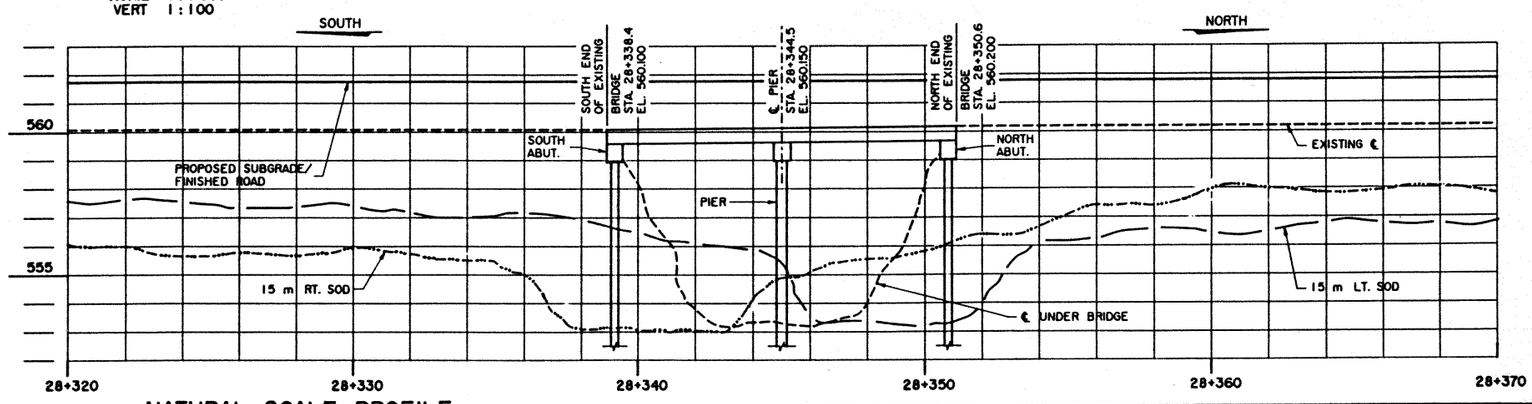


HORIZONTAL ALIGNMENT
1 : 5000

STREAM PROFILE
HORIZ 1 : 1 000
VERT 1 : 100



ROAD PROFILE
HORIZ 1 : 5000
VERT 1 : 100
(MAY USE 1 : 200 FOR VERTICAL SCALE)



NATURAL SCALE PROFILE
HORIZ 1 : 100
VERT 1 : 100

BRIDGE SITE SURVEY REQUIREMENTS

1. SITE PLAN
DRAWN TO SCALE 1:500 SHOWING BANK TRAVERSE, TOP OF BANK, EDGE OF WATER/ICE, RELATIONSHIP BETWEEN EXISTING AND PROPOSED ROAD CENTRE LINES, LOCATION AND CONFIGURATION OF EXISTING BRIDGE/CULVERT STRUCTURES, APPROACH ROADS, BUILDINGS, UNDERGROUND AND OVERHEAD UTILITIES, FENCES, TREELINES, CATTLE GATES, RIGHT-OF-WAY, TRANSIT HUBS AND BENCH MARKS. INCLUDING EXISTING AND PROPOSED ROAD WIDTHS, STREAM DIVERSIONS AND RIGHT-OF-WAY REQUIREMENTS .

2. ROAD PROFILE
DRAWN TO SCALE 1:5 000 HORIZONTAL AND 1:100 (OR 1:200) VERTICAL SHOWING CENTRELINE AND LEFT AND RIGHT SOD LINES, PROPOSED GRADELINE AND ALL VERTICAL CURVE DATA .

3. NATURAL SCALE PROFILE
DRAWN TO SCALE 1:100 (OR 1:200), TAKEN ALONG THE PROPOSED CENTRE LINE AND LEFT AND RIGHT SOD LINES. PROFILES TO EXTEND 25 m BEYOND TOP OF BANK ALONG EACH LINE AND TO SHOW TOP OF BANK, TOE OF BANK, CHANNEL BED, WATER/ICE LEVEL, AND ALL BREAKS IN GROUND. IF AN EXISTING BRIDGE OR CULVERT IS ON OR NEAR THE PROPOSED ALIGNMENT, SHOW ELEVATIONS OF THE DECK AND LOCATION OF ABUTMENTS AND PIERS, OR U/S AND D/S INVERT ELEVATIONS OF CULVERT .

4. STREAM PROFILE
DRAWN TO SCALE 1:1 000 HORIZONTAL AND 1:100 (OR 1:50) VERTICAL AND TO EXTEND 260 m UPSTREAM AND 260 m DOWNSTREAM OF THE CROSSING MEASURED ALONG THE DEEPEST PART OF THE STREAM (SURVEY SHOULD EXTEND 500 m IN EACH DIRECTION IF STRUCTURE IS TO BE PLACED ON A DIVERSION). INCLUDE WATER/ICE PROFILE AT TIME OF SURVEY. SHOTS SHOULD BE TAKEN ON BOTH SIDES OF OBSTRUCTIONS SUCH AS BEAVER DAMS, WATERFALLS, OR ROCK LEDGES, OTHERWISE SHOTS MAY BE TAKEN AT 20 m INTERVALS .

5. HORIZONTAL ALIGNMENT
DRAW TO SCALE 1:5 000 SHOWING THE EXISTING AND PROPOSED ROADWAY AND STREAM ALIGNMENT. SHOW ROAD STATIONS AND HORIZONTAL CURVE DATA .

6. ADDITIONAL INFORMATION
REFER TO THE COVERING LETTER FROM THE REGIONAL BRIDGE ENGINEER FOR DETAILS ON ADDITIONAL REQUIREMENTS SUCH AS CHANNEL CROSS SECTIONS OR STREAM DIVERSIONS. PLOT ON A SEPARATE SHEET AS PER INSTRUCTIONS .

GENERAL NOTES
- ESTABLISH A BENCH MARK NEAR THE BRIDGE SITE FOR REFERENCE PURPOSES .
- MOSAIC PROFILE SHEET WITH DESIGN GRADELINE AND HORIZONTAL ALIGNMENT MAY BE SUBSTITUTED FOR (2) AND (5) ABOVE, IF AVAILABLE .
- ORIGINAL PLAN AND SURVEY NOTES TO BE SENT TO THE REGIONAL BRIDGE ENGINEER .

LEGEND

TERM	SYMBOL	TERM	SYMBOL
FENCE, BARBED	×—×—×	LIGHT POLE	✧
FENCE, CHAIN LINK	o—o—o	GAS LINE, EXISTING	GL
BENCH MARK	⊠	OIL LINE, EXISTING	OL
TELEPHONE CABLE, EXISTING, BURIED	TB	WATERLINE, EXISTING	WL
TELEPHONE CABLE, EXISTING, OVERHEAD	TO	FLOW DIRECTION	
POWER LINE, EXISTING, BURIED	PB	CENTRE LINE, EXISTING GROUND	
POWER LINE, EXISTING, OVERHEAD	PO	LEFT SOD, EXISTING GROUND	
POWER POLE/PEDISTAL	■	RIGHT SOD, EXISTING GROUND	

SURVEY BY : _____

UNDER THE DIRECTION OF : _____

DATE OF SURVEY : _____

REV	DATE	REVISIONS	BY
1	92-07-07	REDRAWN FROM S-1434-84	C.T.C.

APPROVED
EXECUTIVE DIRECTOR BRIDGE ENGINEERING
DATE July 9, 1992

Alberta TRANSPORTATION AND UTILITIES
BRIDGE ENGINEERING BRANCH

SAMPLE INFORMATION SHEET BRIDGE SITE SURVEY FOR STANDARD BRIDGES AND CULVERTS

DESIGNED	DRAWN	DATE	CHECKED	DATE	STREAM	LOCATION	HIGHWAY	FILE	SHEET	DRAWING
M.E.K.	W.A.B.	92-07-07	CTC	91-07-08					1 of 1	S-1434-92

PLOTTED JUL 08 1992 8E+150.6) B50I2415.DGN