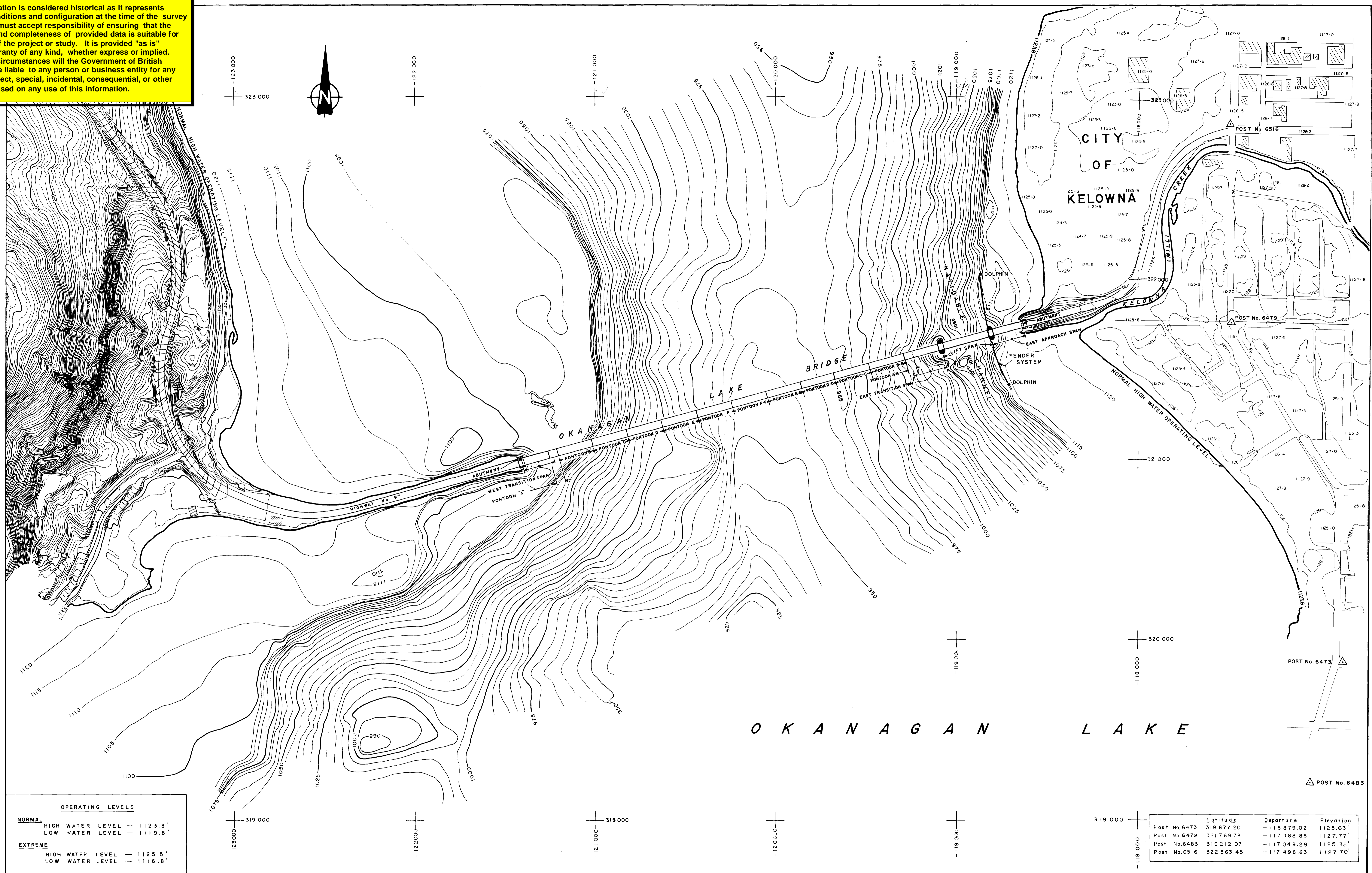


NOTE:
 This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.



OPERATING LEVELS	
NORMAL	HIGH WATER LEVEL — 1123.8'
	LOW WATER LEVEL — 1119.8'
EXTREME	HIGH WATER LEVEL — 1125.5'
	LOW WATER LEVEL — 1116.8'

Post No.	Latitude	Departure	Elevation
Post No. 6473	319 877.20	-116 879.02	1125.63'
Post No. 6479	321 769.78	-117 486.86	1127.77'
Post No. 6483	319 212.07	-117 049.29	1125.35'
Post No. 6516	322 863.45	-117 496.63	1127.70'

NOTES

- This map has been prepared from field surveys carried out by the Surveys Section, Planning and Surveys Division, Water Investigations Branch, including photogrammetric mapping, prepared by the Surveys and Mapping Branch, Ministry of the Environment, Province of British Columbia.
- Survey Data**
 - Horizontal control was established by triangulation.
 - Subaqueous contours below elevation 1120 were determined by Raytheon depth sounder Model DE 719.
 - Bathymetric fix is made independent by having simultaneous observations to the transducer taken by theodolite from two shore stations.
 - Planimetric mapping above contour elevation 1120 was supplied by Surveys and Mapping Branch, Mapping Project 72-5T - Vernon Creek.
- The survey was carried out during the period August 21 - 23, 1976.
- Location of bridge and pontoons are taken from Dwg. No's 5280-2, 5280-2, available through the British Columbia Toll Highways and Bridges Authority, and prepared by Swan, Moser & Partners, Consulting Engineers, March, 1957.
- Datum**
 - Coordinates are polygonic rectangular referred to Latitude 49° and Longitude 119°.
 - Horizontal control for the mapping above contour elevation 1120 is based on provincial network and the horizontal control for mapping below contour elevation 1120 is based on integrated survey monument no.'s 6437, 6479, 6483 and 6516.
 - Elevations (feet) are referred to Bench Mark 1378-J, Kelowna, established by Geodetic Survey of Canada 1959.
 - Field Books: Survey data are recorded in field books NO. TS 2140F2 page 38-43, 2140F3 page 37-38, and 2140I-3.
 - Air Photographs: B.C. 5512 frames 174-176 for planimetric details at west end of bridge, exposed August 25, 1972, photo scale 1 inch = 2650 feet. B.C. 5499 frames 284-286 for planimetric details at east end of bridge, exposed August 4, 1972, photo scale 1 inch = 2650 feet.

LEGEND

- ▲ TRIANGULATION STATION
- ▲ BENCH MARK
- GROUND CONTROL POINT
- AIR PHOTO CENTRE
- ROAD
- - - TRAIL
- ~ CREEK
- ~ CREEK INTERMITTENT
- ~ CREEK INDEFINITE
- ☼ SWAMP
- CONTOURS & ELEVATIONS
- ▭ BUILDING
- DRAINAGE AREA BOUNDARY

STORAGE LICENCES				REFERENCES		REVISIONS	
LICENCE	PRIORITY	AUTHORIZED	DEVELOPED	DWG NO	DESCRIPTION	DATE	NO
		ACRE - FEET	ACRE - FEET				

DESIGNED BY	DRAWN	TRACED	CHECKED	DATE
B Schubert			J. Watson	MAY 1977

BRITISH COLUMBIA
 MINISTRY OF THE ENVIRONMENT
 ENVIRONMENTAL AND ENGINEERING SERVICES
WATER INVESTIGATIONS BRANCH
 STORAGE INVENTORY PROGRAMME
 OKANAGAN BASIN - COLUMBIA SYSTEM

OKANAGAN LAKE
 PLAN OF BATHYMETRIC SURVEY
 OKANAGAN LAKE BRIDGE

APPROVED: *[Signature]* DATE: MAY 1977
 HEAD, SURVEYS SECTION PLANNING & SURVEYS DIV.

FILE NUMBERS
INVENTORY: 0305080-1
SCALE: 1 inch = 200 Feet
SURVEY PROJECT NO: 76-01A-1/10
DWG NO: 4567-76A
SHEET: 1 of 1

