MISSION CREEK
AT KELOWNA
MONITIORING CROSS SECTIONS
PROJECT 9231P018

Requested By: L.Bergman Planning and Standards Section
A.Zackodnik Southern Interior Region-Kamloops
B.Symonds Southern Interior Region-Penticton

Time Code: 020018

Field Time: 16.0 staff/days (M.Pronk, J.Duncan, M.Spencer)
3.0 staff/days (Allan Allport)

Field Book: 2612

Survey Date	Personnel
December 1-5	M.Pronk, M.Spencer
December 1-4	J.Duncan
December 2-4	A.Allport

This field survey was carried out in cold winter conditions under the supervision of Mike Pronk, Projects Manager in December 1992.

Accommodation for the crew was in the Travellers Choice Inn in Kelowna.

Allan Allport, Penticton Regional office, assisted as a rodperson during the survey.

The survey consisted of twenty seven (27) cross sections with twenty six (26) reran for comparison with previous years; twenty two (22) in 1980 under Project 800IP-1 ; four (4) in 1983 under Project 83FDC-11 ; one (1) additional in 1992.

Cross Section Nos.

1980	(22)	4,5,6,7,27-33,33A,34-39,39A,40,40A,41
1983	(4)	6A.6B,6C,6D
1992	(1)	4A

Cross Sections were relocated by E.D.M. traverse along the dyke and any missing reference points were reset with bridging bolts. In some instances the dyke had been raised by approximately 1.5 metres.

Traverse & cross sections were obtained using total station theodolites by two crews and the channel sections were all waded.

This survey did not require any differential levelling, so all vertical control was established by reciprocal height traversing.

Horizontal and vertical control is based on stadia traverse reference points established by the Technical Support Section in September 1990 under Project 800IP-1 and posts 75H2785, 75H2787, 75H2448 and 75H2463.

Coordinates are Universal Transverse Mercator, Zone 11, Central Meridian 117, NAD27.

Elevations are in metres and referred to Geodetic Datum.

DATA RETURNS:

Planning and Standards Section Attention: Les Bergman

One Volume Containing:
- -Print of Drawing No. A5215-1-1 Sheets 1 to 3, scale 1:5000
  Showing Cross Section Locations
  Sheet 3 XS 4,4A,5,6,6A,6B,6C,6D,7
  Sheet 2 XS 27-30
  Sheet 1 XS 31-33,33A,34-39,39A,40,40A,41
- -Cross Section profile statement for DEC.1992 and SEPT.1980
- -Cross Section plot (H1:500 V1:50) comparing DEC.1992 & SEPT.1980
  Note: Cross Section 4A DEC.1992 only
  Cross Section 6A,6B,6C,6D DEC.1992 comparing AUG.1983
- -3.5 Floppy disk & listing with DEC.1992 G.R. Cross Section data

Southern Interior Region-Penticton Attention: Brian Symonds 2 Copies

One Volume Containing:
- -Print of Drawing No. A5215-1-1 Sheets 1 to 3, scale 1:5000
  Showing Cross Section Locations
  Sheet 3 XS 4,4A,5,6,6A,6B,6C,6D,7
  Sheet 2 XS 27-30
  Sheet 1 XS 31-33,33A,34-39,39A,40,40A,41
- -Cross Section profile statement for DEC.1992 and SEPT.1980
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  Note: Cross Section 4A DEC.1992 only
  Cross Section 6A,6B,6C,6D DEC.1992 comparing AUG.1983

Technical Support Section

One volume containing a complete copy of the Project data.

Mike Pronk
Projects Manager
Technical Support Section