ZYMOETZ (COPPER) RIVER
Cross-sections 1-15 & Thalweg

PROJECT 83FDC-4

SURVEY DATE
July 17,24-26
1983

CREW
Pronk, Barclay, Bridgeman
Stewart, Lauder, Nauman

Field time approximately 28 man-days (excluding travel time). This job was done in conjunction with projects 83FDC-5,6 and 7.

FIELD SURVEY

1. Data recorded in field books 2374 L-1,L-2,L-3 and 2374I-1.

2. Each cross-section is referenced with a bolt on each bank. (exception XS 12 right bank referenced with monument 83HAW031)

3. Horizontal control established by traverse using Hewlett-Packard Distance Meter Model 3800B and ZEISS (TH43) Minute reading instrument.

4. Origin for horizontal control W.R.S. monument 727 which was assigned a scaled (U.T.M.) Value obtained from Sheet 26 mapping project 77.110T.0.

5. Elevations are geodetic obtained by direct levelling from Water Management Monuments set from a previous survey (75F-4).

6. Topography was obtained by stadia using a Zeiss (TH43) minute reading instrument, intersection and raytheon echo sounder Model 7198.

7. Set monuments 83HAW031, 83HAW032 and T.B.M.'s 4721 to 4727.

8. Bearings are solar grid referred to Longitude 129^0.

OFFICE DATA

1. Reduced Survey Notes for each cross-section.

2. Mosaic 5471-1, showing location of cross-sections, monuments and T.B.M.'s. (scale 1:5000)

3. Cross-Sections plotted at a scale: Horz. 1:500
   Vert. 1:50
   Reduced to half scale

4. Thalweg plotted at a scale: Horz. 1:5000
   Vert. 1:50

5. Sketch of bridge on Hwy. 16.

6. Photographs of each cross-section (for Planning Section only).

7. Listing of GR coordinates of each cross-section for Hec-2 programme.