



DAVID EVANS AND ASSOCIATES, INC.

DEA MEMORANDUM

2828 SW Corbett Avenue

TO: Mike Baker
FROM: Joanna Hawkins
DATE: June 4, 2001
SUBJECT: **I-5 DATA**

Portland, Oregon 97201

Tel: 503.223.6663

Fax: 503.223.2701

PROJ. #: ODOT0000-0364

COPIES:

Mike,

In response to your email dated May 30, 2001, regarding the bathymetric data near the I-5 bridge I have answered your questions below:

DEA is currently under contract with the ACOE to perform bathymetric condition surveys in navigables waters, including the Columbia River. DEA just completed a condition survey beginning at the I-5 bridge and continuing upriver to Bonneville Dam. The area of survey included lines run bank to bank at 500 foot line spacing and lines run parallel with the shoreline in the channel at 75 foot line spacing. We did not cover the area between the BNRR bridge and the I-5 bridge. The ACOE requires this survey annually so they would have data from the previous year in this area.

Specifically:

1. Data is available from DEA or the ACOE on set 500 foot intervals within the area defined.
2. I am unaware of additional data that may become available.
3. The data shows depths of the river at 500 foot intervals all relative to Columbia River Datum.
4. The data is in an ASCII format, which can be imported into most applications.
5. The data from this years survey is available now, and data from the ACOE should only take a couple days to receive.

As the data is widely spaced at 500 foot intervals, I would suggest it be used only as a general idea of the bottom topography and not used for any aspect of design.

Please let me know if there is anything else I can help you with.

Regards,

Joanna Hawkins
Associate Hydrographer
Project Manager