

15 DEC 1978

NPSEN-DB

SUBJECT: Skagit River, Washington, Levee and Channel
Improvements, Additional Funding

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right margin*

TO: Division Engineer, North Pacific

1. Additional funds of \$287,000 are required for Skagit River, Washington, Levee and Channel Improvements Project. These funds are in addition to the allocated fiscal year 1979 funds (\$300,000), and the transfer of \$113,000 under the Chief of Engineers' maximum delegated transfer authority.
2. Transfer of the requested \$287,000 funds will require Congressional Committee transfer approval. Suggested draft of letter to the Committee is attached as inclosure 1.
3. We originally anticipated that levee and channel improvements would consist of raising and strengthening intermittent reaches of existing levees downstream of the Burlington Northern Bridge near river mile 17. These improvements would provide protection from a 10- to 15-year flood for rural and urban areas. The project desired by local interests and giving the greatest net benefits is a continuous levee raising and strengthening project that would provide 100-year or more flood protection for urban areas and lesser protection (about 50 years) for rural areas. The increased flood protection beyond what was originally envisioned results in a Federal project cost increase from \$16,300,000 to about \$45,000,000. Additional benefits, due to increased protection, will result in raising the benefit-to-cost ratio from about 1.5 to 2.5.
4. In order to complete the additional studies for the General Design Memorandum and EIS and initiate preparation of the plans and specifications for the first increment of construction (downstream of Mt. Vernon starting about river mile 11), additional funds (\$287,000) are required. This estimate does not include funds for phase II or feature design memorandum studies upstream of river mile 17. Detail studies will not be initiated in this upstream area until authorization for this upstream reach is clarified.
5. The increased study effort affected the entire spectrum of technical areas, but the largest cost increases were in survey, hydrology,

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hydraulics, civil design, and environmental studies. Use of an A-E to prepare phase II studies downstream of river mile 11 also contributed to the increased cost of civil design.

6. Request that \$287,000 be allocated to Skagit River, Washington, Levee and Channel Improvement Project due to increased scope of work noted above. There are no surplus AE&D funds available in Seattle District for transfer to this project.

7. The required data transfer sheet, per EC 11-2-201, is attached (inclosure 2).

2 Incl
es

JOHN A. POTEAT
Colonel, Corps of Engineers
District Engineer

cc:w/o incl
Exec Ofc
Rc in
Blanchette
Hogan/Farrar/Brooks
WF Engr (0899E)
Cook w/incl

WJH RB file CORPS

for RLL
DEBRIK
ct
SELL/COLD
S/K
DASHIN
M/P
LTC CARPENTER
EXEC OFC
COL POTEAT
MAILROOM
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ED-DB FILE

MFR: Col. Poteat has indicated his desire to have this go direct to Gen. Wells with his personal note attached.

← MFR