

NPSN-PL-RP

2 August 1978

MEMO FOR: RECORD

SUBJECT: Skagit Levee and Channel Improvement Project Meeting
to Discuss Interior Drainage

1. The subject meeting was held on 1 August 1978. The following were in attendance at the meeting:

Larry Merkle	Hydrology & Hydraulics Branch
George Ristau	Hydrology & Hydraulics Branch
Vern Cook	Design Branch
Neal Hanson	Design Branch
Clyde Jump	Design Branch
John Erlandson	Survey Branch
Forest Brooks	Planning Branch
Bill McKinley	Planning Branch
Rich Worthington	Planning Branch

2. The following items were discussed at the meeting:

a. **Internal Drainage** - H&H representatives outlined the problem of defining ponding areas in the agricultural area in the lower basin for the purpose of defining the **extent of flowage easement requirements**. If flowage easements are required, H&H will need to (1) define the drainage patterns and (2) outline the contributing drainage area. This would require additional topography for the lower basin including either field surveys or aerial photography. The discussion centered on the level of detail needed to define the ponding areas. **It was tentatively concluded that since the Corps project in the agricultural areas would not significantly alter existing drainage patterns or enlarge ponding areas, there would be no need for flowage easements in the lower basin and no need for exact detail in defining areas.** H&H will use existing information from SCS and the County to the extent possible and develop a list of the additional field data they would need for purposes of obtaining A/E services to collect the data. This information would be used to establish existing drainage patterns and general range of size for the existing ponding areas in the lower basin. However, **it was concluded that more detail was needed on the existing arrangements with landowners in regards to ponding behind the levees and the legality of the current situation.** Vern Cook will investigate the latter item in more detail.

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b. Additional Topography in Urban Areas - It was concluded that additional detailed topographic information on internal drainage would be needed for the areas within the proposed urban levees. Discussion centered on defining these areas. Mr. Erlandson said basic coverage is available for the required areas. Survey Branch will prepare a map showing the area of their topographic capability and where mapping is underway. H&H will then define what additional mapping will be required at a meeting on 2nd August 1978 and will complete their list of what else must be obtained in regards to interior drainage.

Worthington
WORTHINGTON

cc:

RP Sec File *R.T.W.*
Brooks/Worthington, Amador *file*
McKinley
H&H Br/Merkle
Ristau
Des Br/Cook
Civ Des Sec/Hanson/Jump
Surv Br/Erlandson
FPMS/Gardner
E&SE/Thompson
ERS/Mettling

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