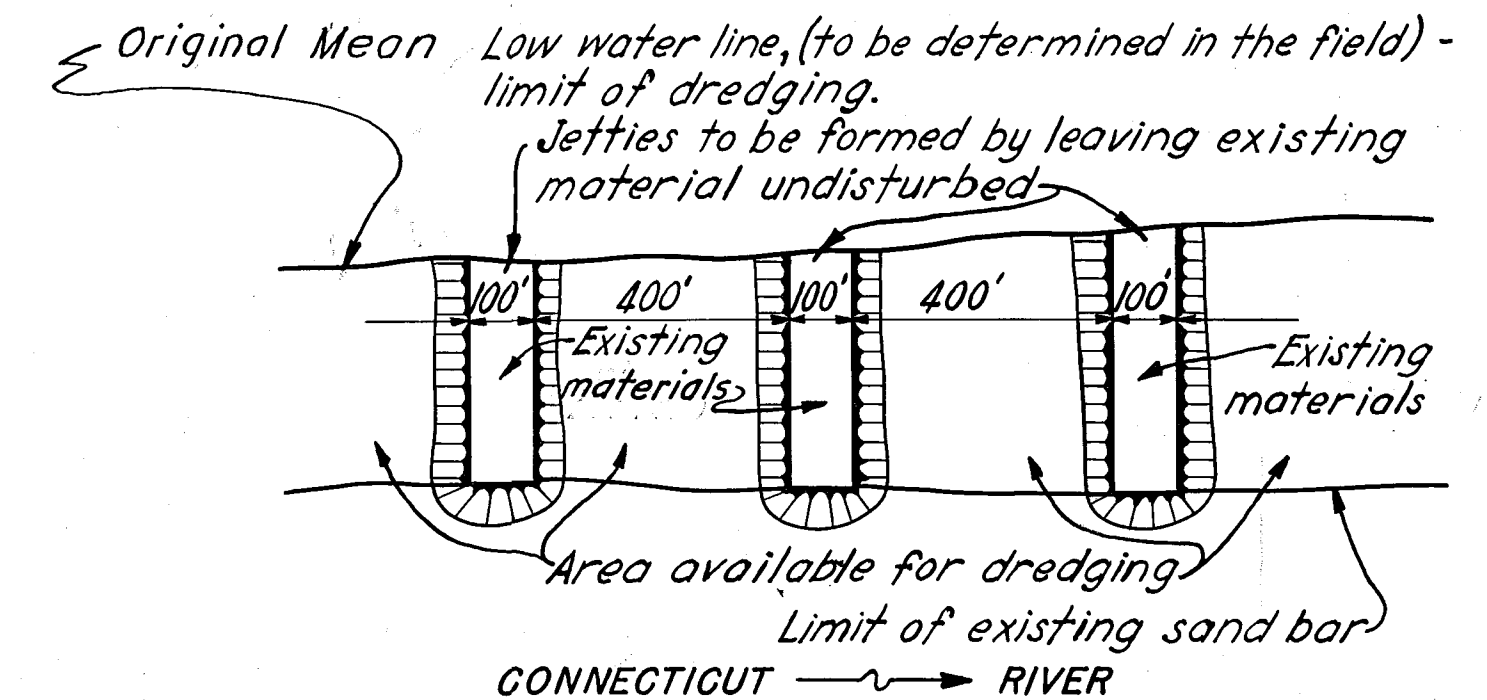


AVAILABLE SOURCES OF EMBANKMENT MATERIAL	
AREA	TYPE OF MATERIAL
BORROW AREA H	Formation, below 6" to 3' of topsoil, composed of two types: (1) medium to fine silt; and (2) mixed materials graded from gravel and coarse sand to fine silt. Materials available for impervious blanket construction. Portion of area previously used for dike construction.
BORROW AREA A3	River sediments composed of coarse to fine sand interbedded with mixed materials graded from gravel to fine sand and coarse silt. Thickness of suitable materials ranges from about 0 to about 15 feet. Materials available for pervious embankment construction. Dredging in area along east bank of river, north of Hockanum River, restricted - see sketch below.

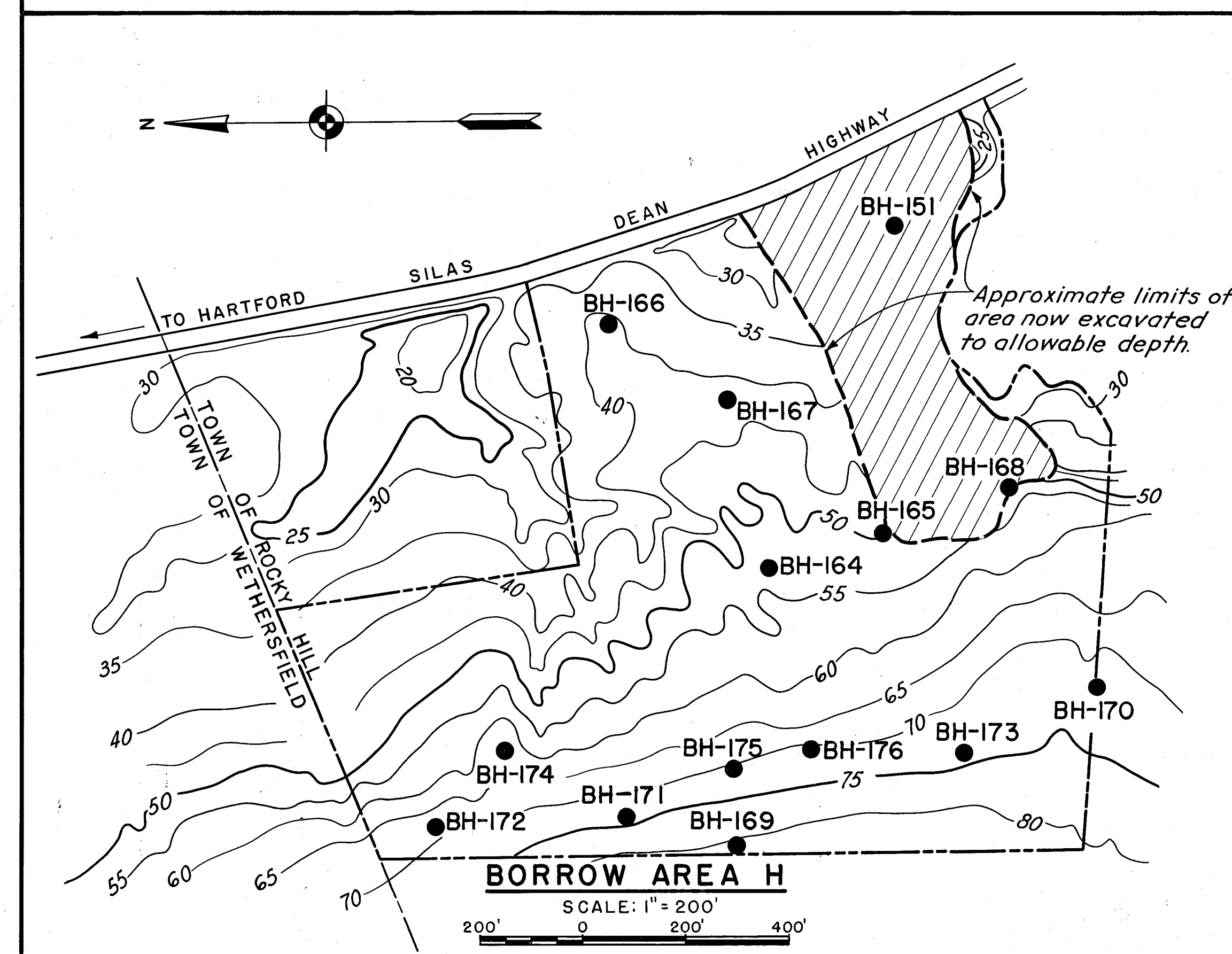


SKETCH SHOWING LIMITS OF DREDGING
EAST BANK OF CONNECTICUT RIVER, NORTH OF MOUTH OF HOCKANUM RIVER

NOT TO SCALE

Note: Jetties to be left either at right angles to original shore line or pointing slightly downstream. Dikes to have 100' top width with stable side slopes.

PLAN
SCALE: 1" = 1000'



BORROW AREA H

SCALE: 1" = 200'

NOTE

For record of explorations in borrow areas, see Sheet No. 11

LEGEND

- BH Drive sample bore hole.
- ⊗ BA Borrow area auger boring.
- Approximate limit of borrow area H.

KEY	DATE	REVISION (Indicated by Δ)	REV. BY	CK. BY	AP. BY
	12-31-45	As Built			

CONNECTICUT RIVER FLOOD CONTROL
HARTFORD DIKE
RIVERFRONT, MORGAN ST. TO STA. 96+73
BORROW AREAS

CONNECTICUT RIVER		CONNECTICUT
IN 135 SHEETS	SCALE: 1" = 1000 FT.	SHEET NO. 10
U.S. ENGINEER OFFICE, PROVIDENCE, R.I., MAY 1940		
SUBMITTED: <i>W. J. Sullivan</i>	APPROVAL RECOMMENDED: <i>W. J. Sullivan</i>	APPROVED: <i>W. J. Sullivan</i>
SENIOR GEOLOGIST	PRINCIPAL ENGINEER	DISTRICT ENGINEER
HEAD, GEOLOGY SECTION	CHIEF, E.C. ENGINEERING DIV.	
COMPILED: <i>W. J. Sullivan</i>	DRAWN: R.R.L.	FISCAL YEAR 1940
ASST. ENGINEER	TRACED: J.T.	FILE NO. CT-2-1279
	CHECKED: <i>W. J. Sullivan</i>	

H1587b

File 11-14-3