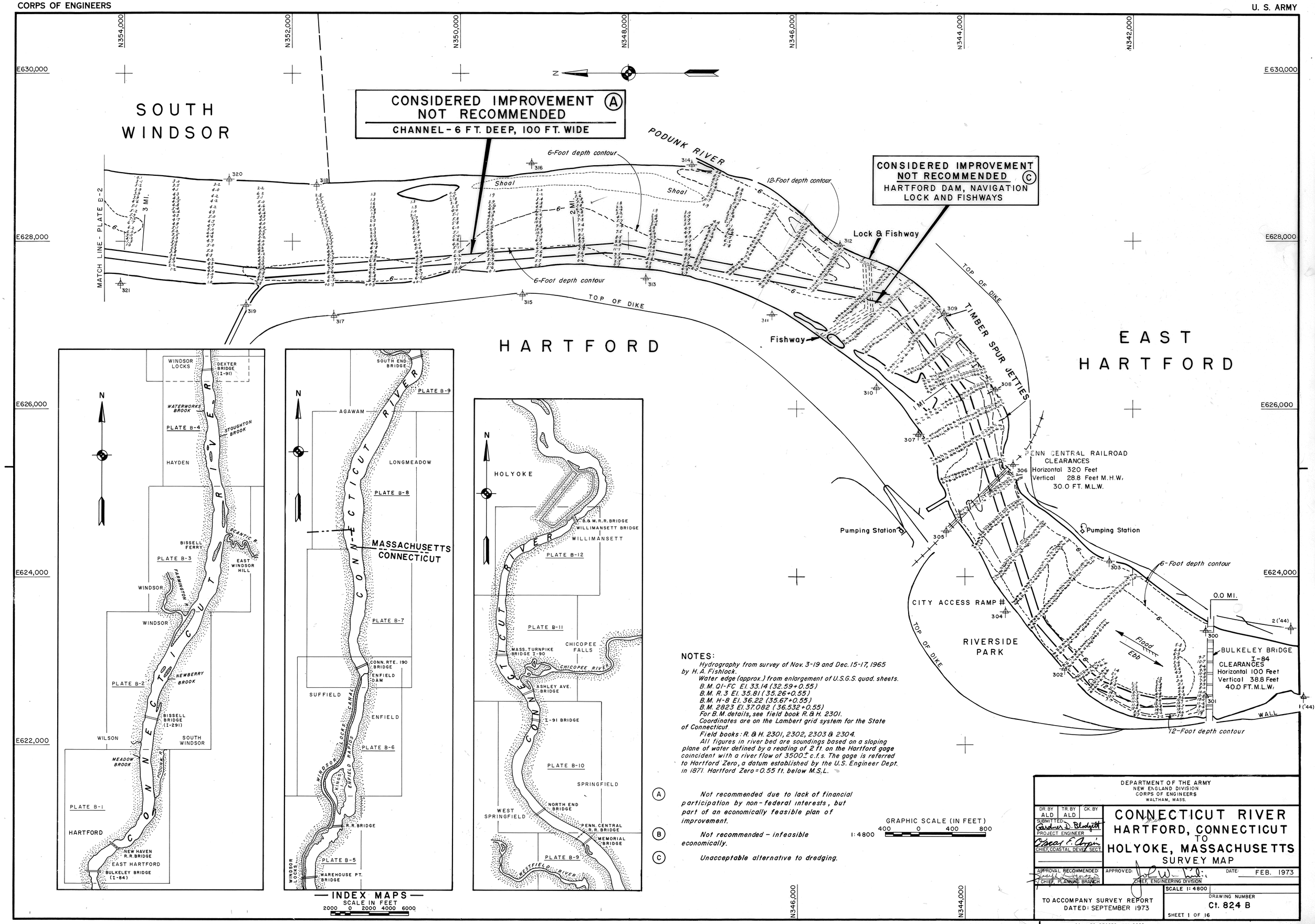
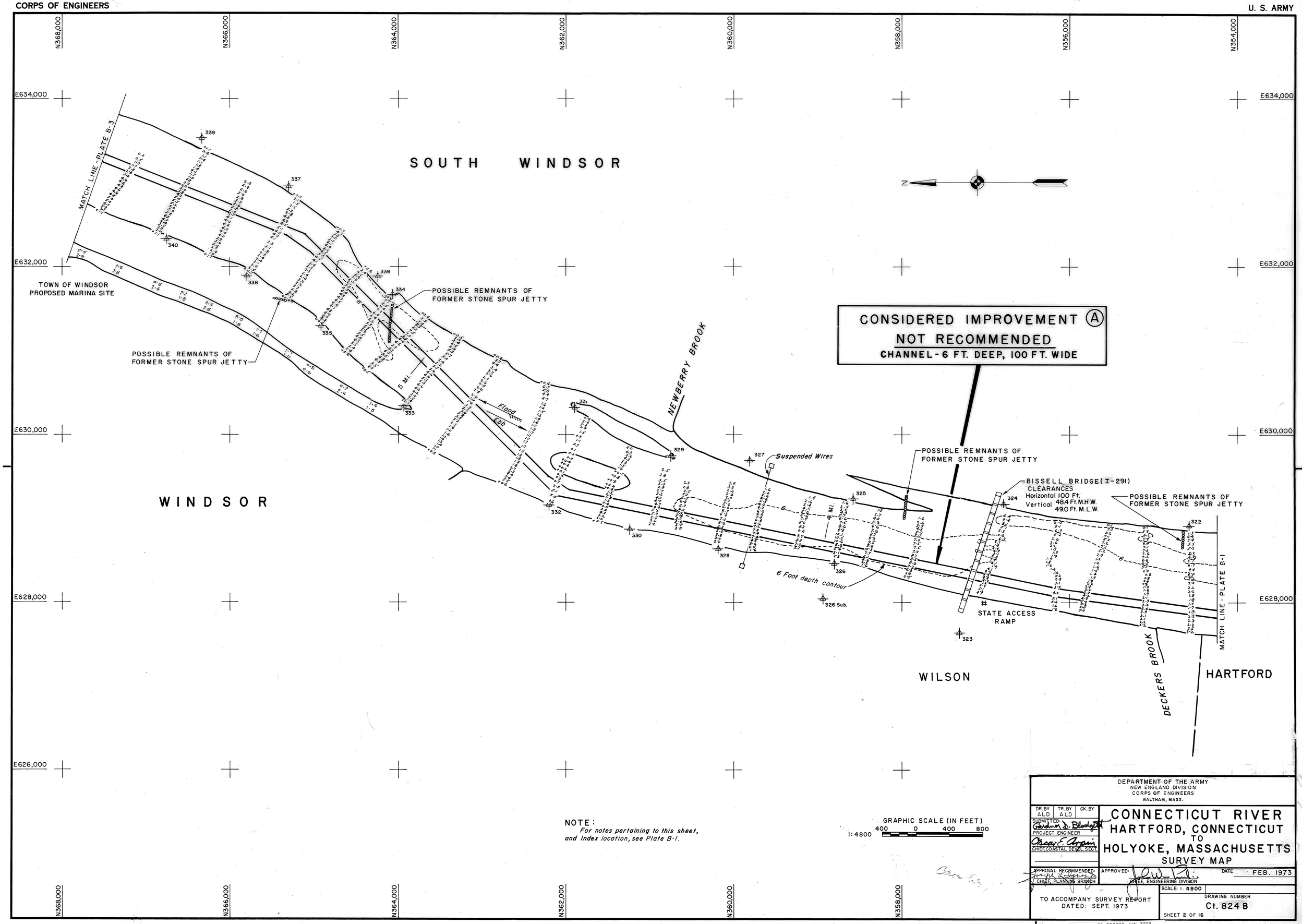


SCANNED RECORD JUN 2009



NOTE:
For notes pertaining to this sheet, and Index location, see Plate B-1.

GRAPHIC SCALE (IN FEET)
1:4800 400 0 400 800

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
ALD	ALD	

SUBMITTED: Gardner D. Blodgett
PROJECT ENGINEER
Oscar E. Arpin
CHIEF, COASTAL DEVEL. SECT.

CONNECTICUT RIVER
HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
SURVEY MAP

APPROVAL RECOMMENDED: Joseph L. Ignazio
CHIEF, PLANNING BRANCH

APPROVED: [signature]
CHIEF, ENGINEERING DIVISION

DATE FEB. 1973

SCALE: 1:4800

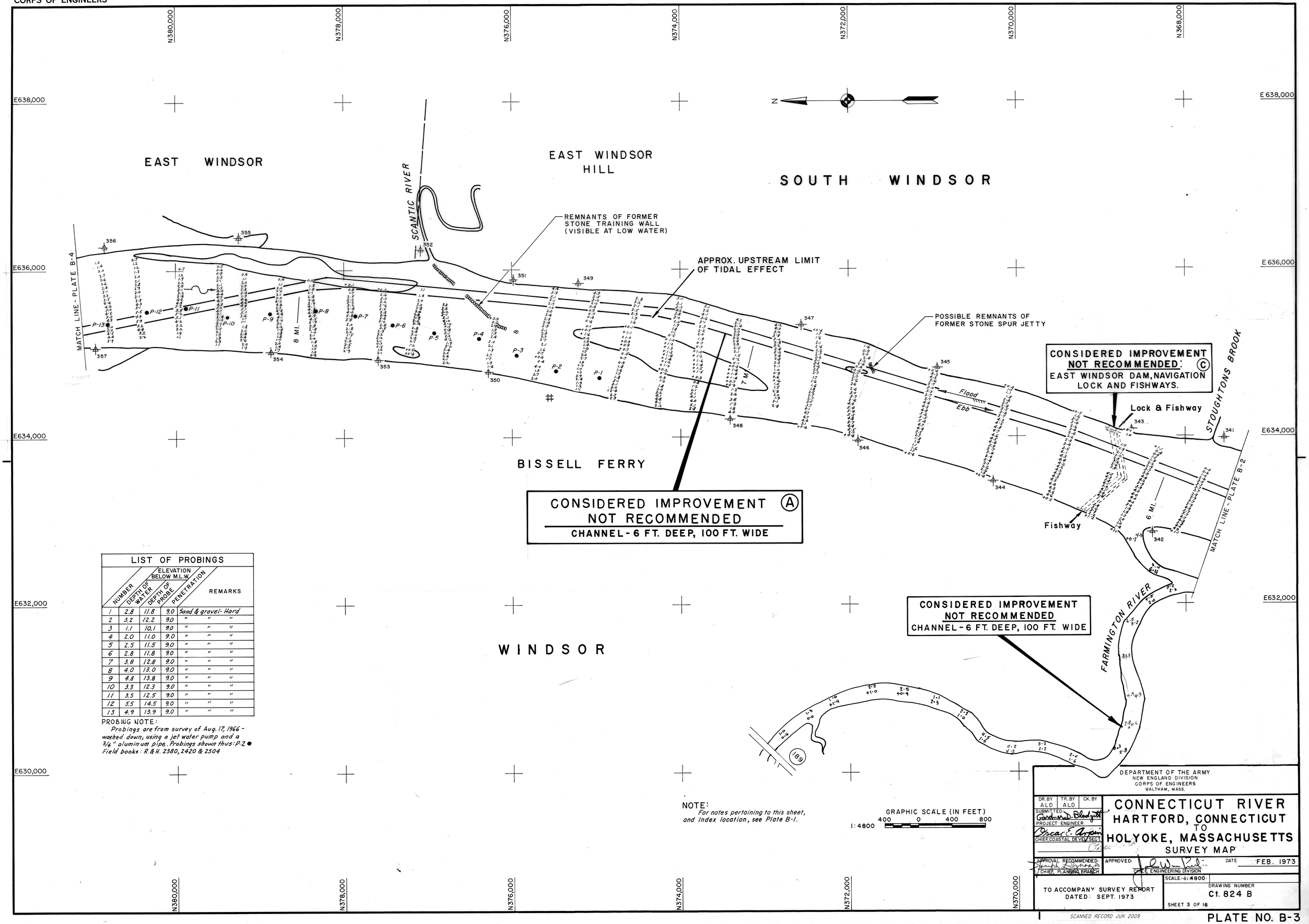
TO ACCOMPANY SURVEY REPORT
DATED: SEPT. 1973

DRAWING NUMBER
Ct. 824 B

SHEET 2 OF 16

SCANNED RECORD JUN 2009

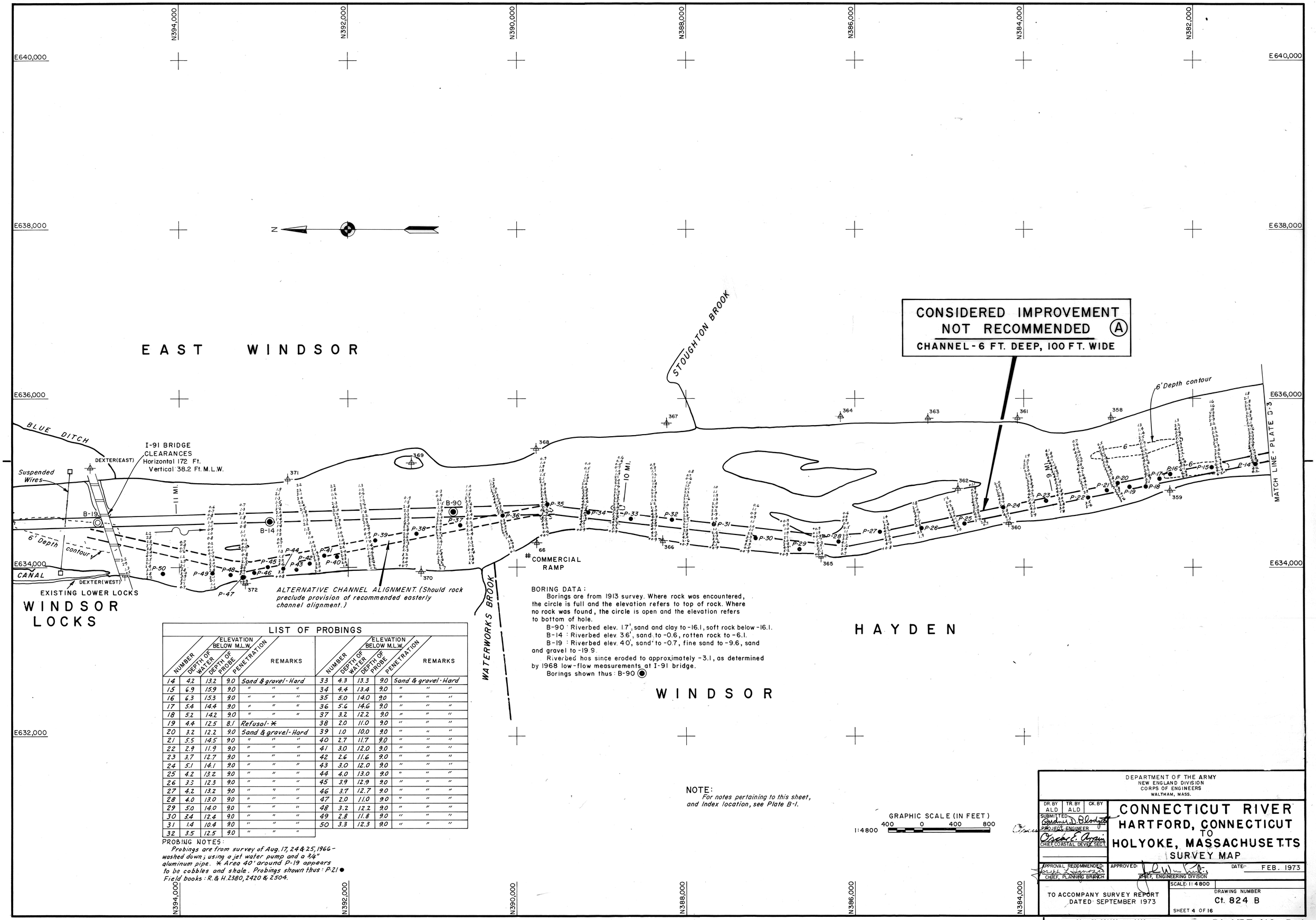
PLATE NO. B-2



LIST OF PROBINGS

NUMBER	DEPTH OF WATER	ELEVATION BELOW M.L.W. DEPTH OF PROBE	PENETRATION	REMARKS
1	2.8	11.8	9.0	Sand & gravel - Hard
2	3.2	12.2	9.0	" " "
3	1.1	10.1	9.0	" " "
4	2.0	11.0	9.0	" " "
5	2.5	11.5	9.0	" " "
6	2.8	11.8	9.0	" " "
7	3.8	12.8	9.0	" " "
8	4.0	13.0	9.0	" " "
9	4.8	13.8	9.0	" " "
10	3.3	12.3	9.0	" " "
11	3.5	12.5	9.0	" " "
12	5.5	14.5	9.0	" " "
13	4.9	13.9	9.0	" " "

PROBING NOTE:
Probings are from survey of Aug. 17, 1966 - washed down; using a jet water pump and a 3/4" aluminum pipe. Probings shown thus: P-2 ● Field books: R.&H. 2380, 2420 & 2504



BORING DATA:

Borings are from 1913 survey. Where rock was encountered, the circle is full and the elevation refers to top of rock. Where no rock was found, the circle is open and the elevation refers to bottom of hole.

B-90 : Riverbed elev. 1.7', sand and clay to -16.1, soft rock below -16.1.

B-14 : Riverbed elev. 3.6', sand to -0.6, rotten rock to -6.1.

B-19 : Riverbed elev. 4.0', sand to -0.7, fine sand to -9.6, sand and gravel to -19.9.

Riverbed has since eroded to approximately -3.1, as determined by 1968 low-flow measurements at I-91 bridge.

Borings shown thus: B-90 ◉

NOTE:

For notes pertaining to this sheet, and Index location, see Plate B-1.

GRAPHIC SCALE (IN FEET)

400 0 400 800

1:4800

LIST OF PROBINGS

NUMBER	DEPTH OF WATER	ELEVATION BELOW M.L.W. DEPTH OF PROBE	ELEVATION BELOW M.L.W. PENETRATION	REMARKS	NUMBER	DEPTH OF WATER	ELEVATION BELOW M.L.W. DEPTH OF PROBE	ELEVATION BELOW M.L.W. PENETRATION	REMARKS
14	4.2	13.2	9.0	Sand & gravel - Hard	33	4.3	13.3	9.0	Sand & gravel - Hard
15	6.9	15.9	9.0	" " "	34	4.4	13.4	9.0	" " "
16	6.3	15.3	9.0	" " "	35	5.0	14.0	9.0	" " "
17	5.4	14.4	9.0	" " "	36	5.6	14.6	9.0	" " "
18	5.2	14.2	9.0	" " "	37	3.2	12.2	9.0	" " "
19	4.4	12.5	8.1	Refusal - *	38	2.0	11.0	9.0	" " "
20	3.2	12.2	9.0	Sand & gravel - Hard	39	1.0	10.0	9.0	" " "
21	5.5	14.5	9.0	" " "	40	2.7	11.7	9.0	" " "
22	2.9	11.9	9.0	" " "	41	3.0	12.0	9.0	" " "
23	3.7	12.7	9.0	" " "	42	2.6	11.6	9.0	" " "
24	5.1	14.1	9.0	" " "	43	3.0	12.0	9.0	" " "
25	4.2	13.2	9.0	" " "	44	4.0	13.0	9.0	" " "
26	3.3	12.3	9.0	" " "	45	3.9	12.9	9.0	" " "
27	4.2	13.2	9.0	" " "	46	3.7	12.7	9.0	" " "
28	4.0	13.0	9.0	" " "	47	2.0	11.0	9.0	" " "
29	5.0	14.0	9.0	" " "	48	3.2	12.2	9.0	" " "
30	3.4	12.4	9.0	" " "	49	2.8	11.8	9.0	" " "
31	1.4	10.4	9.0	" " "	50	3.3	12.3	9.0	" " "
32	3.5	12.5	9.0	" " "					

PROBING NOTES:

*Probings are from survey of Aug. 17, 24 & 25, 1966 - washed down; using a jet water pump and a 3/4" aluminum pipe. * Area 40' around P-19 appears to be cobbles and shale. Probings shown thus: P-21 ●*

Field books: R. & H. 2380, 2420 & 2504.

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
ALD	ALD	

SUBMITTED: Gordon D. Bloodgood
PROJECT ENGINEER

Oscar E. Orgain
CHIEF, COASTAL DEVEL. SECT.

APPROVAL RECOMMENDED: Joseph Lignazzi
CHIEF, PLANNING BRANCH

APPROVED: [illegible]
CHIEF, ENGINEERING DIVISION

CONNECTICUT RIVER
HARTFORD, CONNECTICUT
TO
HOLYOKE, MASSACHUSETTS
SURVEY MAP

DATE: FEB. 1973

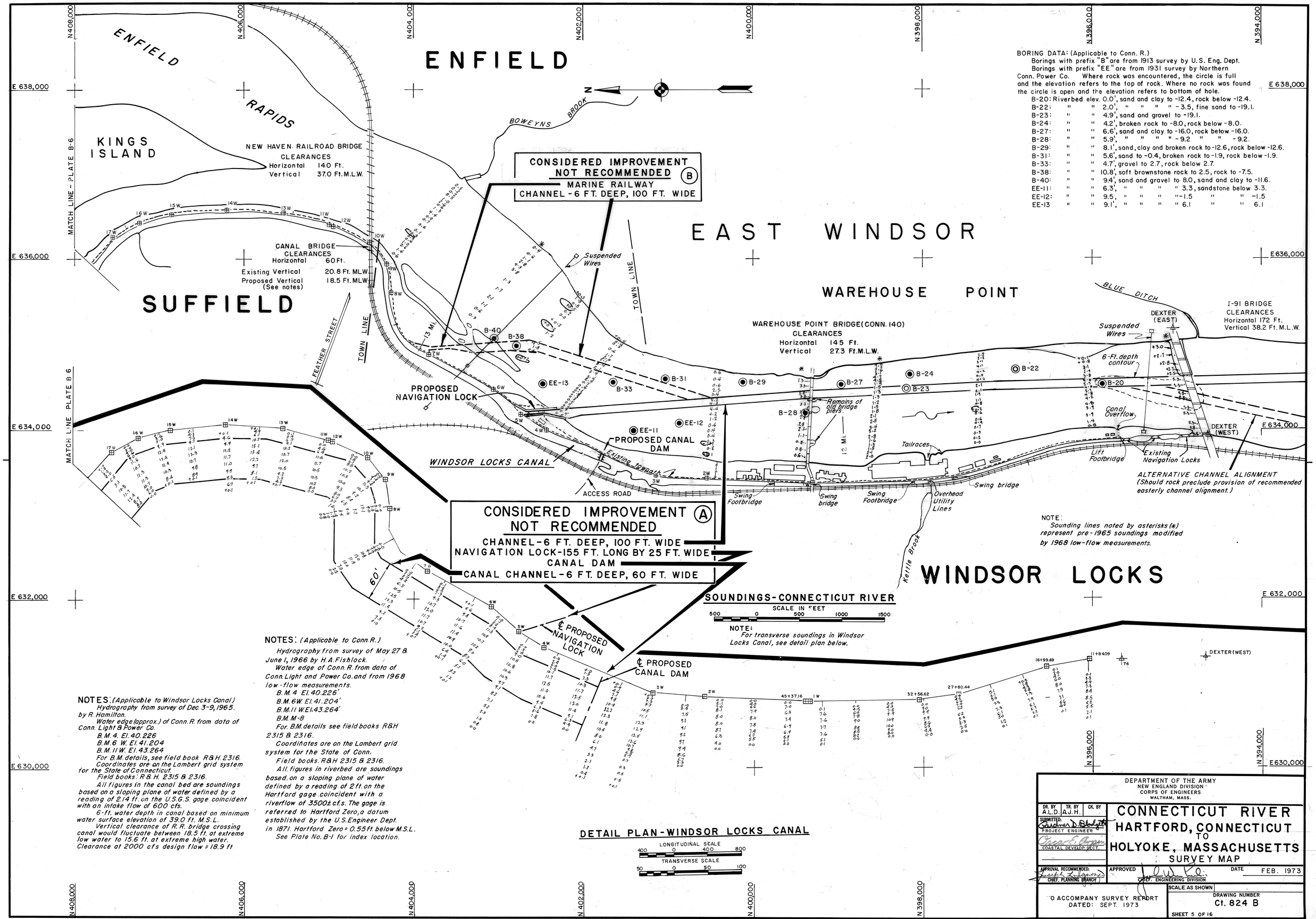
SCALE: 1:4800

TO ACCOMPANY SURVEY REPORT
DATED SEPTEMBER 1973

DRAWING NUMBER
Ct. 824 B

SHEET 4 OF 16

SCANNED RECORD JUN 2009



BORING DATA: (Applicable to Conn. R.)
Borings with prefix "B" are from 1913 survey by U.S. Eng. Dept.
Borings with prefix "EE" are from 1931 survey by Northern Conn. Power Co. Where rock was encountered, the circle is full and the elevation refers to the top of rock. Where no rock was found the circle is open and the elevation refers to bottom of hole.

B-20:	Riverbed elev.	0.0',	sand and clay to -12.4, rock below -12.4.
B-22:	" "	2.0',	" " " " -3.5, fine sand to -19.1.
B-23:	" "	4.9',	sand and gravel to -19.1.
B-24:	" "	4.2',	broken rock to -8.0, rock below -8.0.
B-27:	" "	6.6',	sand and clay to -16.0, rock below -16.0.
B-28:	" "	5.9',	" " " " -9.2 " " -9.2.
B-29:	" "	8.1',	sand, clay and broken rock to -12.6, rock below -12.6.
B-31:	" "	5.6',	sand to -0.4, broken rock to -1.9, rock below -1.9.
B-33:	" "	4.7',	gravel to 2.7, rock below 2.7.
B-38:	" "	10.8',	soft brownstone rock to 2.5, rock to -7.5.
B-40:	" "	9.4',	sand and gravel to 8.0, sand and clay to -11.6.
EE-11:	" "	6.3',	" " " " 3.3, sandstone below 3.3.
EE-12:	" "	9.5,	" " " "-1.5 " " -1.5
EE-13	" "	9.1',	" " " " 6.1 " " 6.1

NOTE:
Sounding lines noted by asterisks (*) represent pre-1965 soundings modified by 1968 low-flow measurements.

NOTE:
For transverse soundings in Windsor Locks Canal, see detail plan below.

NOTES: (Applicable to Conn. R.)
Hydrography from survey of May 27 & June 1, 1966 by H.A. Fishlock.
Water edge of Conn. R. from data of Conn. Light and Power Co. and from 1968 low-flow measurements.
B.M. 4 El. 40.226'
B.M. 6W El. 41.204'
B.M. 11 W El. 43.264'
B.M. M-8
For B.M. details see field books R&H 2315 & 2316.
Coordinates are on the Lambert grid system for the State of Conn.
Field books: R&H 2315 & 2316.
All figures in riverbed are soundings based on a sloping plane of water defined by a reading of 2 ft. on the Hartford gage coincident with a riverflow of 3500± c.f.s. The gage is referred to Hartford Zero, a datum established by the U.S. Engineer Dept. in 1871. Hartford Zero = 0.55 ft. below M.S.L.
See Plate No. B-1 for index location.

NOTES: (Applicable to Windsor Locks Canal)
Hydrography from survey of Dec. 3-9, 1965. by R. Hamilton.
Water edge (approx.) of Conn. R. from data of Conn. Light & Power Co.
B.M. 4. El. 40.226
B.M. 6 W. El. 41.204
B.M. 11 W. El. 43.264
For B.M. details, see field book R&H. 2316.
Coordinates are on the Lambert grid system for the State of Connecticut.
Field books: R & H. 2315 & 2316.
All figures in the canal bed are soundings based on a sloping plane of water defined by a reading of 2.14 ft. on the U.S.G.S. gage coincident with an intake flow of 600 cfs.
6-ft. water depth in canal based on minimum water surface elevation of 39.0 ft. M.S.L.
Vertical clearance of R.R. bridge crossing canal would fluctuate between 18.5 ft. at extreme low water to 15.6 ft. at extreme high water. Clearance at 2000 cfs design flow = 18.9 ft

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

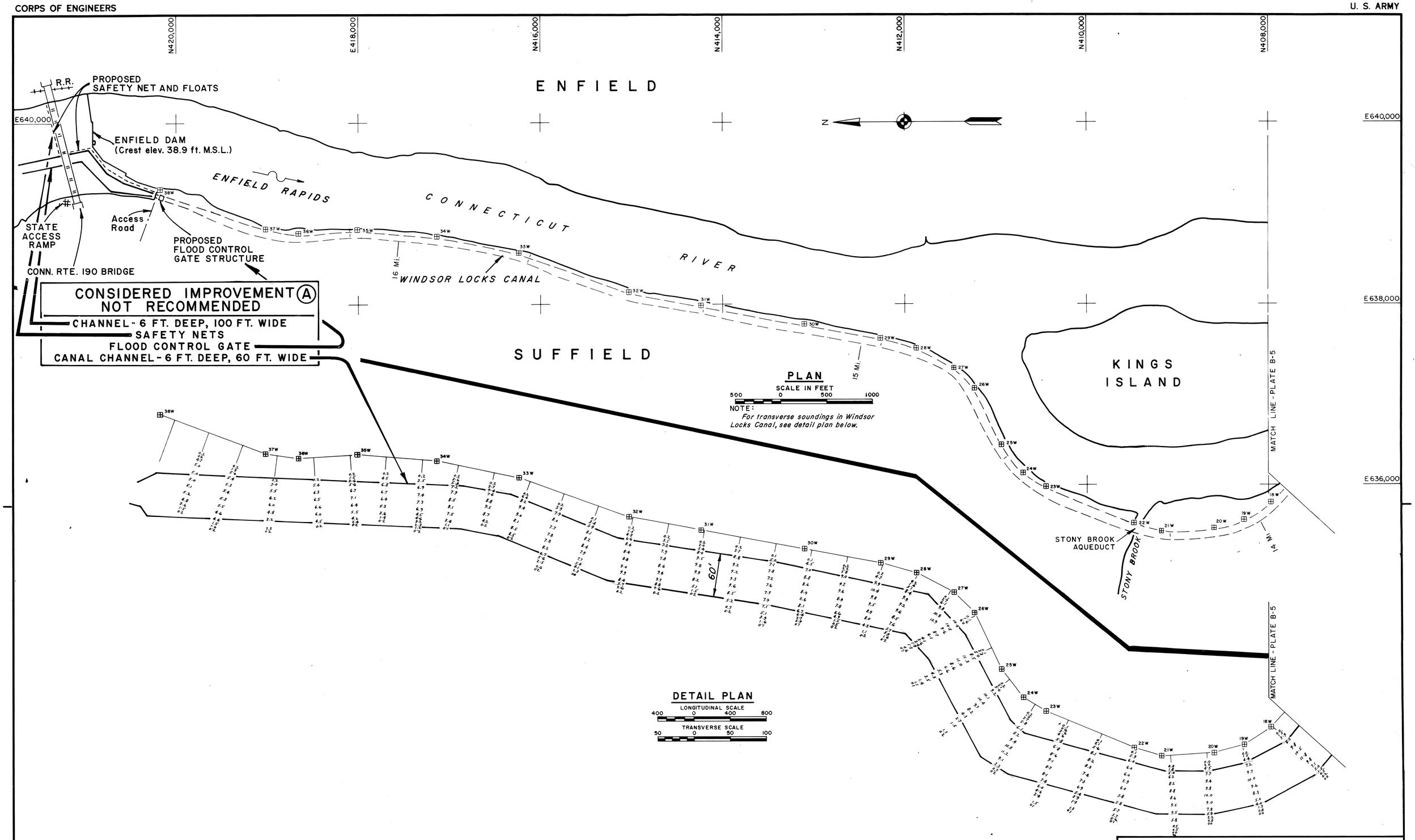
DR. BY	TR. BY	CK. BY
A.L.D.	A.J.H.	

SUBMITTED: PROJECT ENGINEER
COASTAL DEVELOP. SECT.
APPROVAL RECOMMENDED: CHIEF, PLANNING BRANCH
APPROVED: CHIEF, ENGINEERING DIVISION

CONNECTICUT RIVER HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
SURVEY MAP

DATE FEB. 1973
SCALE: AS SHOWN
TO ACCOMPANY SURVEY REPORT DATED: SEPT. 1973
DRAWING NUMBER Ct. 824 B
SHEET 5 OF 16

SCANNED RECORD JUN 2009



NOTE:
For notes pertaining to this sheet, see Plate B-5.
For Index location, see Plate B-1.

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
ALD	ALD	

SUBMITTED: Gardner D. Blodgett
PROJECT ENGINEER
Oscar E. Arpin
CHIEF, COASTAL DEVEL. SECT.

CONNECTICUT RIVER
HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
SURVEY MAP

APPROVAL RECOMMENDED: Joseph L. Ignazio
CHIEF, PLANNING BRANCH

APPROVED: [signature]
CHIEF, ENGINEERING DIVISION

DATE: FEB. 1973

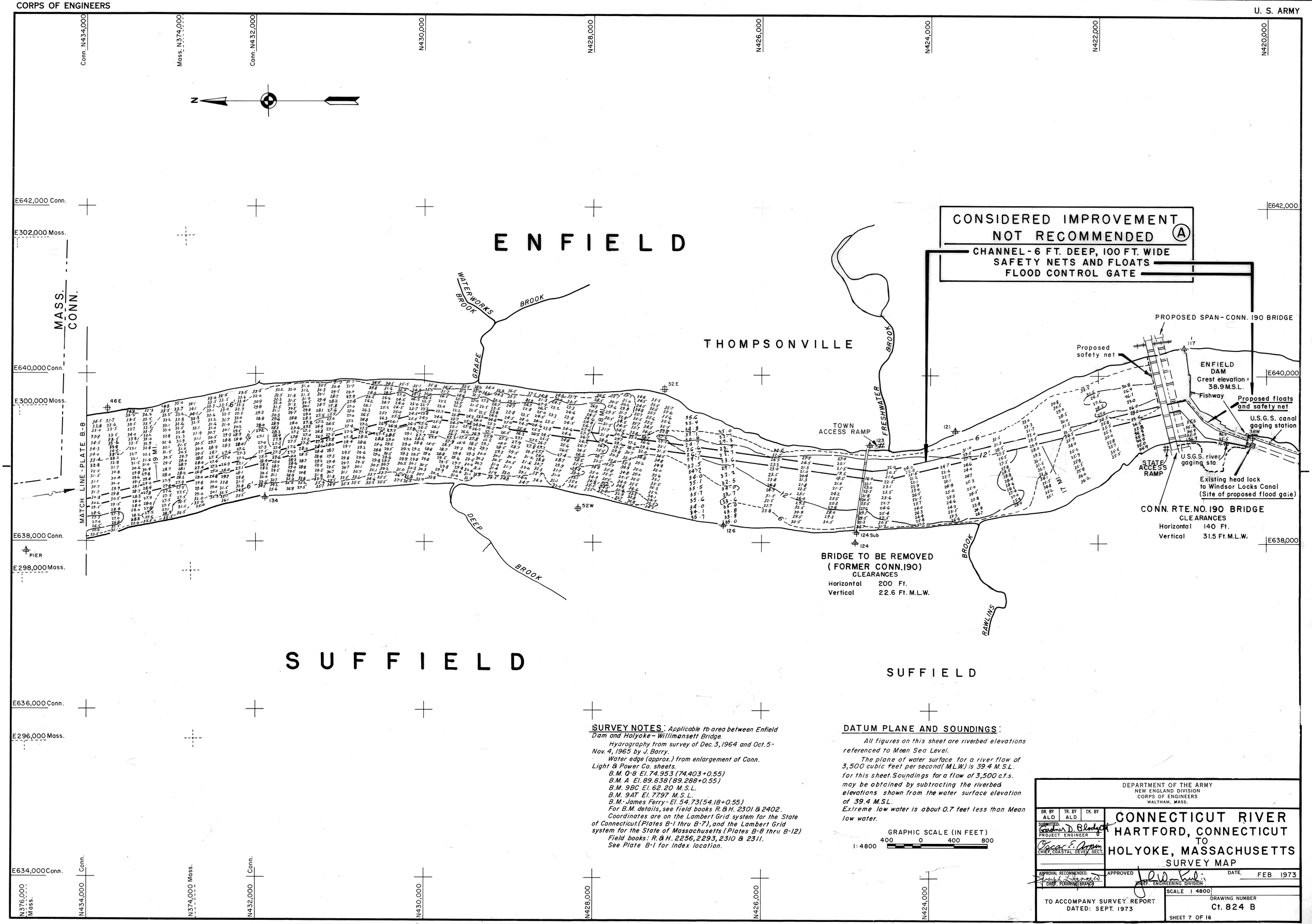
SCALE: AS SHOWN

TO ACCOMPANY SURVEY REPORT
DATED: SEPTEMBER 1973

DRAWING NUMBER
Ct. 824 B

SHEET 6 OF 16

SCANNED RECORD JUN 2009



SURVEY NOTES: *Applicable to area between Enfield Dam and Holyoke-Willimansett Bridge.*

Hyarography from survey of Dec. 3, 1964 and Oct. 5-Nov. 4, 1965 by J. Barry.

Water edge (approx.) from enlargement of Conn. Light & Power Co. sheets.

B.M. Q-8 El. 74.953 (74.403+0.55)
B.M. A El. 89.838 (89.288+0.55)
B.M. 9BC El. 62.20 M.S.L.
B.M. 9AT El. 77.97 M.S.L.
B.M.-James Ferry - El. 54.73 (54.18+0.55)

For B.M. details, see field books R.&H. 2301 & 2402.

Coordinates are on the Lambert Grid system for the State of Connecticut. (Plates B-1 thru B-7), and the Lambert Grid system for the State of Massachusetts (Plates B-8 thru B-12)

Field books: R.&H. 2256, 2293, 2310 & 2311.

See Plate B-1 for Index location.

DATUM PLANE AND SOUNDINGS:

All figures on this sheet are riverbed elevations referenced to Mean Sea Level.

The plane of water surface for a river flow of 3,500 cubic feet per second (M.L.W.) is 39.4 M.S.L. for this sheet. Soundings for a flow of 3,500 c.f.s. may be obtained by subtracting the riverbed elevations shown from the water surface elevation of 39.4 M.S.L.

Extreme low water is about 0.7 feet less than Mean low water.

GRAPHIC SCALE (IN FEET)
400 0 400 800
1:4800

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
ALD	ALD	

SUBMITTED: Gardner D. Blodgett, PROJECT ENGINEER
Oscar E. Arpin, CHIEF, COASTAL DEVEL. SECT.

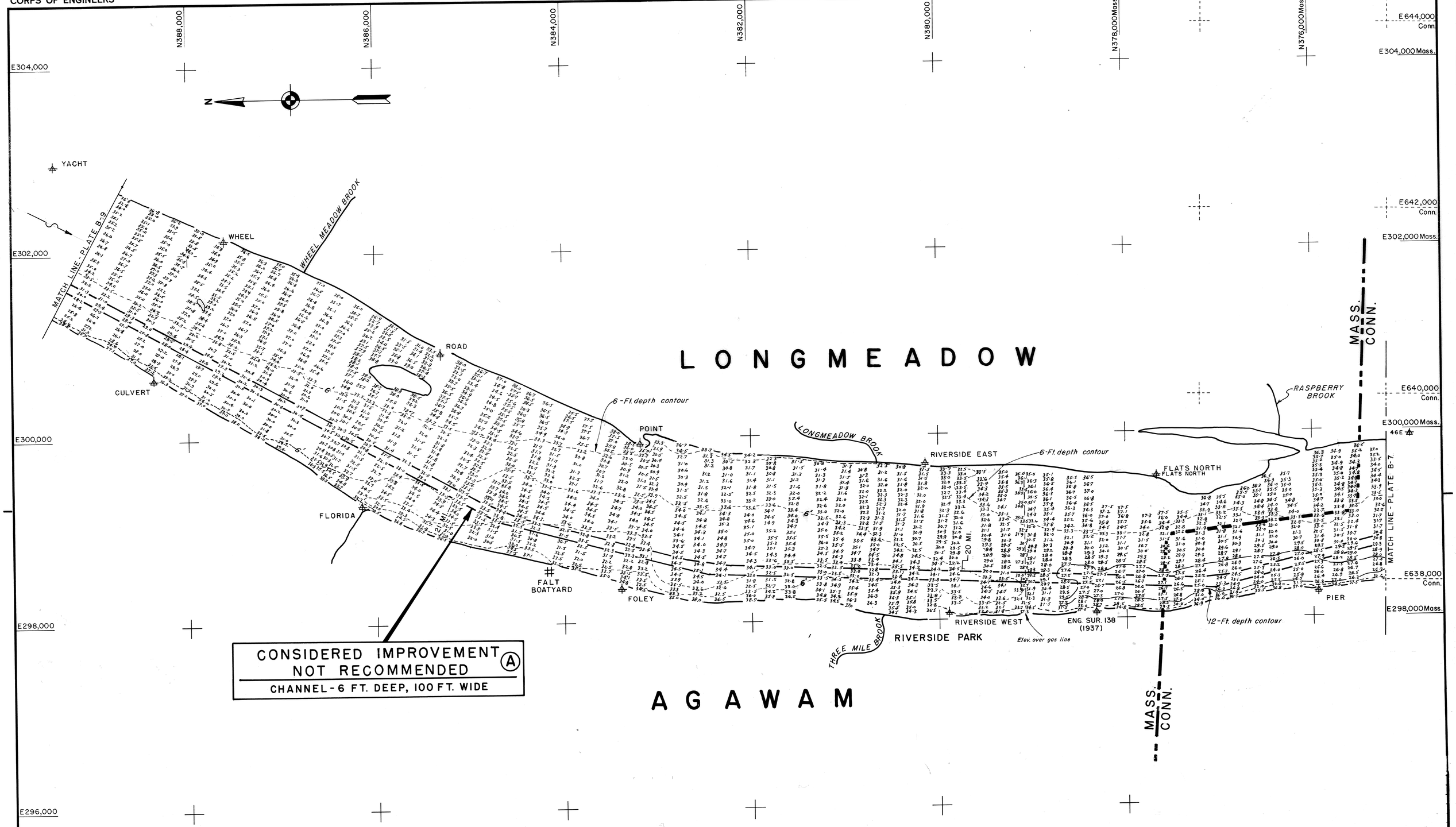
CONNECTICUT RIVER
HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
SURVEY MAP

APPROVAL RECOMMENDED: Joseph L. Hagnagel, CHIEF, PLANNING BRANCH
APPROVED: [signature], CHIEF, ENGINEERING DIVISION
DATE FEB. 1973

TO ACCOMPANY SURVEY REPORT DATED: SEPT. 1973

SCALE 1:4800
DRAWING NUMBER Ct. 824 B
SHEET 7 OF 16

SCANNED RECORD JUN 2009



SURVEY NOTES: *See Plate B-7*

DATUM PLAN AND SOUNDINGS:

All figures on this sheet are riverbed elevations referenced to Mean Sea Level.

The plane of water surface for a river flow of 3500 cubic feet per second (M.L.W.) is 39.4 M.S.L. for this sheet. Soundings for a flow of 3500 c.f.s. may be obtained by subtracting the river elevation shown from the water surface elevation of 39.4.

Extreme low water is about 0.7 foot less than M.L.W.

See Plate B-1 for Index location.

GRAPHIC SCALE (IN FEET)

1:4800 400 0 400 800

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
ALD	ALD	

SUBMITTED: Gardner D. Blodgett
PROJECT ENGINEER

Oscar E. Arpin
CHIEF, COASTAL DEVEL. SECT.

APPROVAL RECOMMENDED: Joseph L. Ignazio
CHIEF, PLANNING BRANCH

CONNECTICUT RIVER
HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
SURVEY MAP

APPROVED: [signature]
CHIEF, ENGINEERING DIVISION

DATE: FEB. 1973

SCALE 1:4800

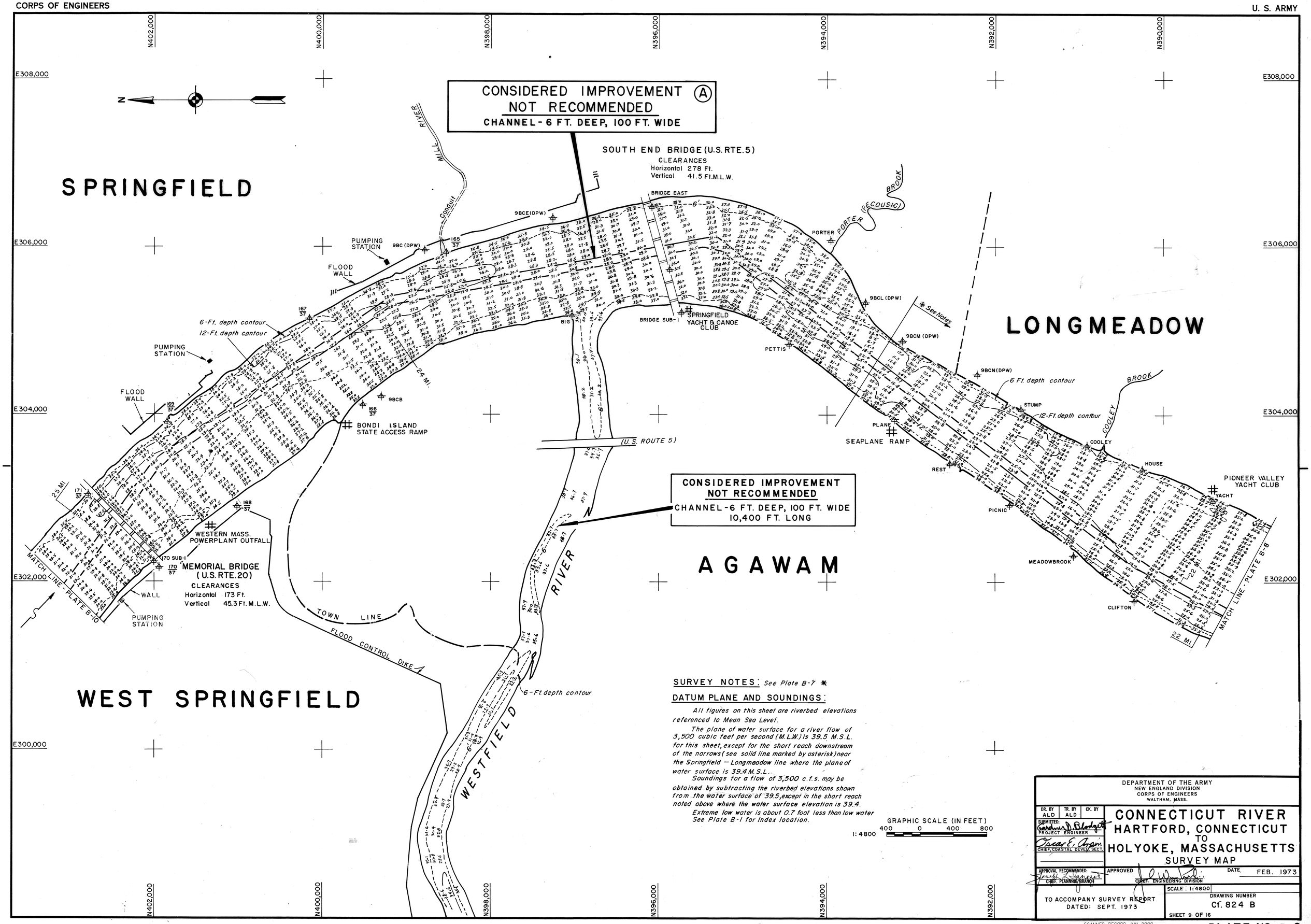
TO ACCOMPANY SURVEY REPORT
DATED: SEPT. 1973

DRAWING NUMBER
Ct. 824 B

SHEET 8 OF 16

SCANNED RECORD JUN 2009

PLATE NO. B-8



CONSIDERED IMPROVEMENT
NOT RECOMMENDED
CHANNEL - 6 FT. DEEP, 100 FT. WIDE
10,400 FT. LONG

SURVEY NOTES: See Plate B-7 *

DATUM PLANE AND SOUNDINGS:

All figures on this sheet are riverbed elevations referenced to Mean Sea Level.

The plane of water surface for a river flow of 3,500 cubic feet per second (M.L.W.) is 39.5 M.S.L. for this sheet, except for the short reach downstream of the narrows (see solid line marked by asterisk) near the Springfield — Longmeadow line where the plane of water surface is 39.4 M.S.L.

Soundings for a flow of 3,500 c.f.s. may be obtained by subtracting the riverbed elevations shown from the water surface of 39.5, except in the short reach noted above where the water surface elevation is 39.4.

Extreme low water is about 0.7 foot less than low water See Plate B-1 for Index location.

GRAPHIC SCALE (IN FEET)
1:4800 400 0 400 800

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
ALD	ALD	

SUBMITTED: Gardner D. Blodgett
PROJECT ENGINEER

Oscar E. Arpin
CHIEF, COASTAL DEVEL. SECT.

APPROVAL RECOMMENDED: Joseph L. Sanford
CHIEF, PLANNING BRANCH

APPROVED
CHIEF, ENGINEERING DIVISION

CONNECTICUT RIVER
HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
SURVEY MAP

DATE FEB. 1973

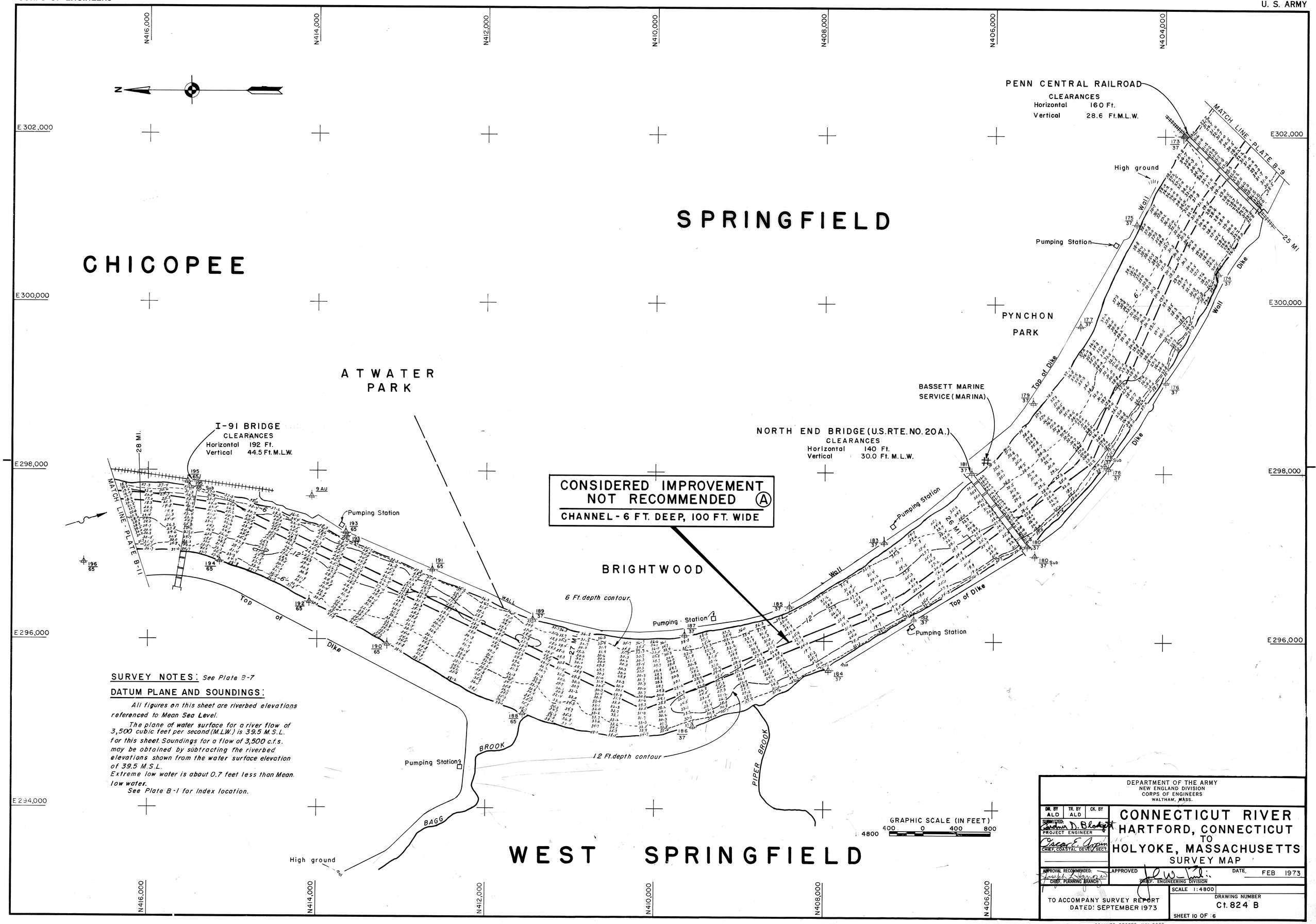
SCALE 1:4800

TO ACCOMPANY SURVEY REPORT
DATED: SEPT. 1973

DRAWING NUMBER
Ct. 824 B

SHEET 9 OF 16

SCANNED RECORD JUN 2009



SURVEY NOTES: See Plate B-7

DATUM PLANE AND SOUNDINGS:

All figures on this sheet are riverbed elevations referenced to Mean Sea Level.

The plane of water surface for a river flow of 3,500 cubic feet per second (M.L.W.) is 39.5 M.S.L. for this sheet. Soundings for a flow of 3,500 c.f.s. may be obtained by subtracting the riverbed elevations shown from the water surface elevation of 39.5 M.S.L.

Extreme low water is about 0.7 feet less than Mean low water.

See Plate B-1 for Index location.

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
ALD	ALD	

SUBMITTED: Gordon D. Blodgett
PROJECT ENGINEER

Oscar E. Arpin
CHIEF, COASTAL DEVEL. SECT.

APPROVAL RECOMMENDED: Joseph Hanover
CHIEF, PLANNING BRANCH

APPROVED: J. W. Tuli
CHIEF, ENGINEERING DIVISION

CONNECTICUT RIVER
HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
SURVEY MAP

DATE FEB 1973

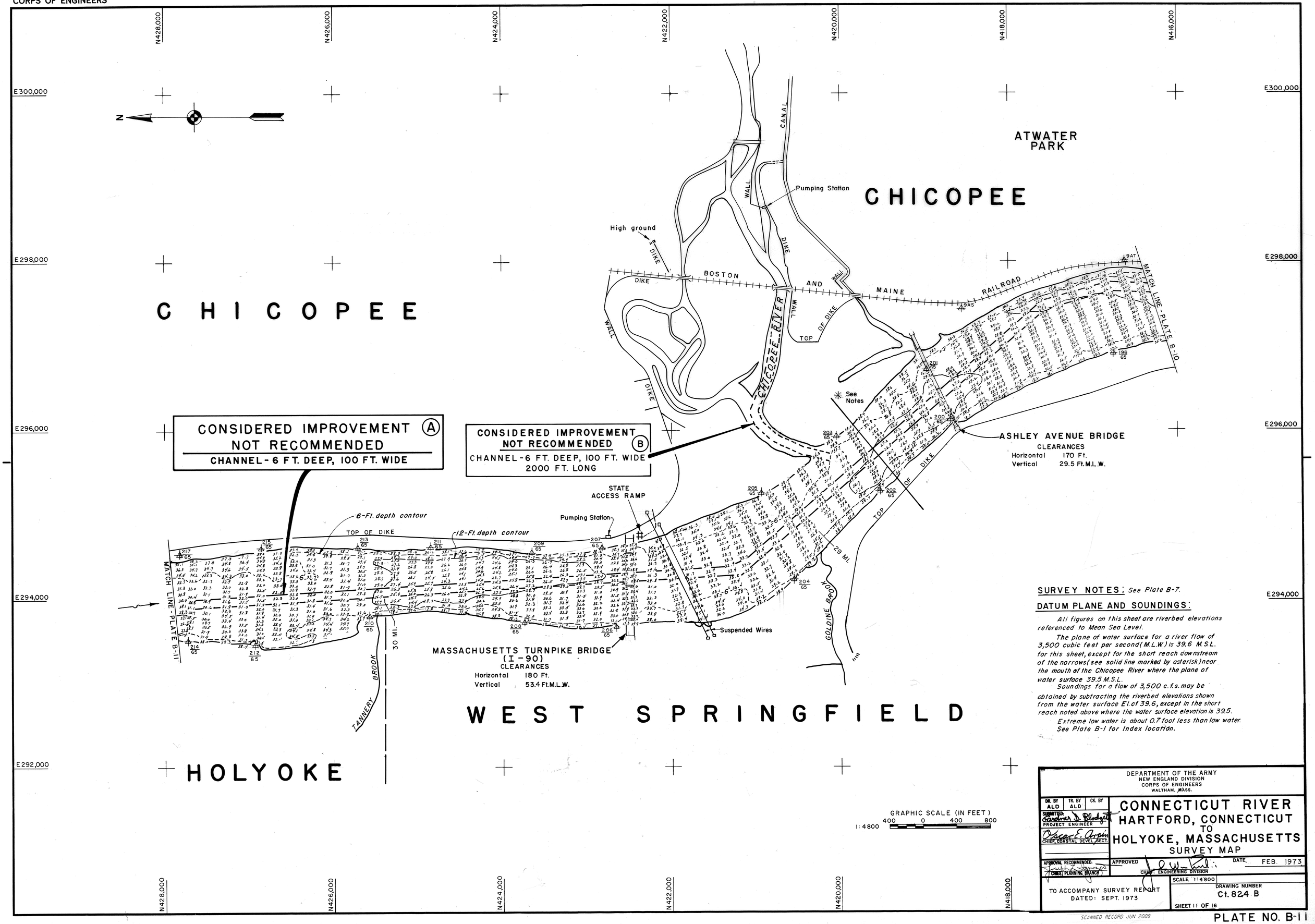
SCALE 1:4800

TO ACCOMPANY SURVEY REPORT DATED: SEPTEMBER 1973

DRAWING NUMBER Ct. 824 B

SHEET 10 OF 16

SCANNED RECORD JUN 2009



SURVEY NOTES; *See Plate B-7.*

DATUM PLANE AND SOUNDINGS:

All figures on this sheet are riverbed elevations referenced to Mean Sea Level.

The plane of water surface for a river flow of 3,500 cubic feet per second (M.L.W.) is 39.6 M.S.L. for this sheet, except for the short reach downstream of the narrows (see solid line marked by asterisk) near the mouth of the Chicopee River where the plane of water surface 39.5 M.S.L.

Soundings for a flow of 3,500 c.f.s. may be obtained by subtracting the riverbed elevations shown from the water surface El. of 39.6, except in the short reach noted above where the water surface elevation is 39.5.

Extreme low water is about 0.7 foot less than low water. See Plate B-1 for Index location.

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
ALD	ALD	

SUBMITTED: Gardner D. Blodgett, PROJECT ENGINEER
Oscar E. Arpin, CHIEF, COASTAL DEVEL. SECT.

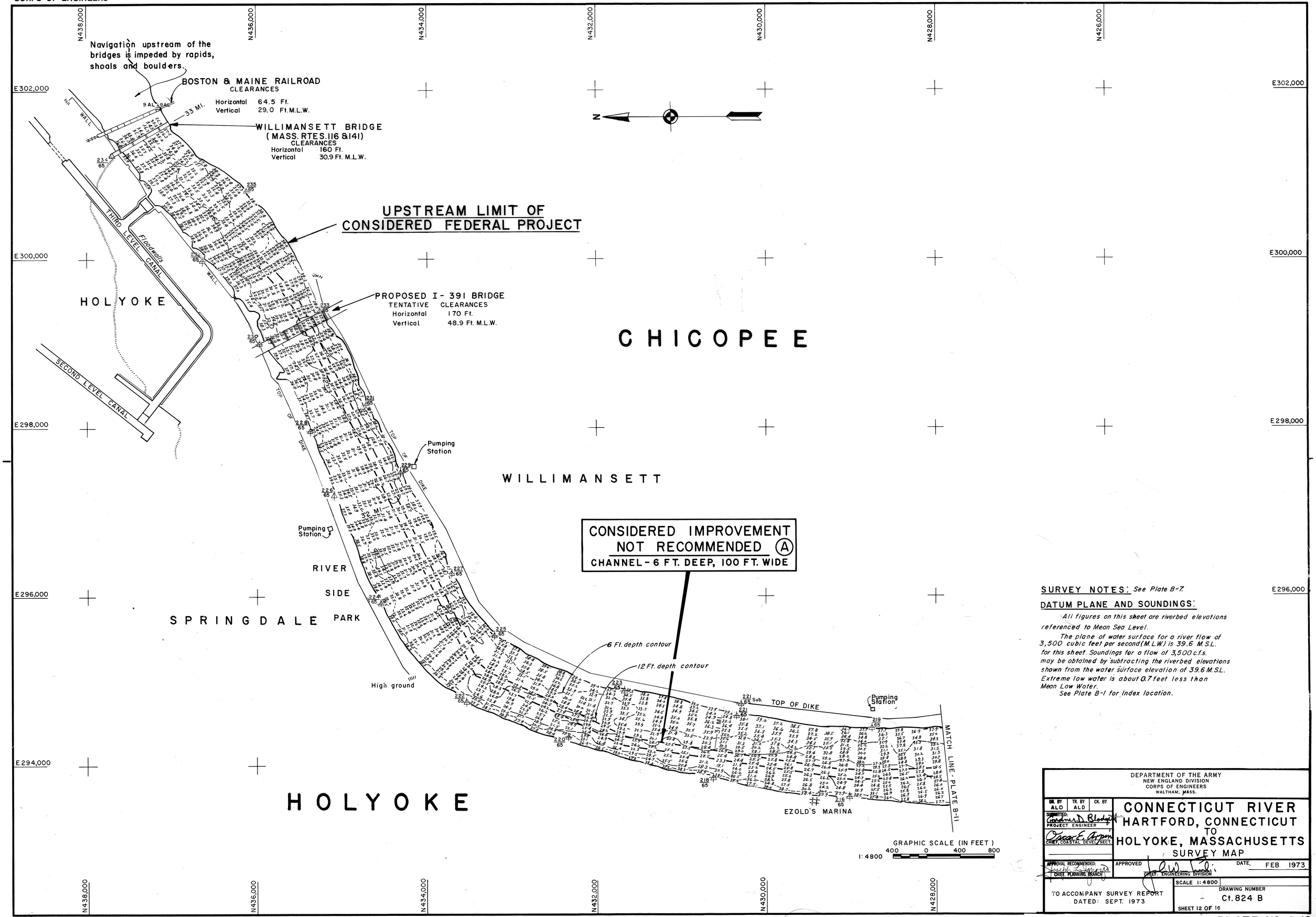
CONNECTICUT RIVER HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
SURVEY MAP

APPROVAL RECOMMENDED: CHIEF, PLANNING BRANCH
APPROVED: CHIEF, ENGINEERING DIVISION
DATE: FEB. 1973
SCALE 1:4800
DRAWING NUMBER Ct. 824 B
SHEET 11 OF 16

TO ACCOMPANY SURVEY REPORT
DATED: SEPT. 1973

SCANNED RECORD JUN 2009

PLATE NO. B-11



SURVEY NOTES: *See Plate B-7.*

DATUM PLANE AND SOUNDINGS:

All figures on this sheet are riverbed elevations referenced to Mean Sea Level.

The plane of water surface for a river flow of 3,500 cubic feet per second (M.L.W.) is 39.6 M.S.L. for this sheet. Soundings for a flow of 3,500 c.f.s. may be obtained by subtracting the riverbed elevations shown from the water surface elevation of 39.6 M.S.L. Extreme low water is about 0.7 feet less than Mean Low Water.

See Plate B-1 for Index location.

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
ALD	ALD	

SUBMITTED: PROJECT ENGINEER

CHIEF, COASTAL DEVEL. SECT.

CONNECTICUT RIVER HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS

SURVEY MAP

APPROVAL RECOMMENDED: CHIEF, PLANNING BRANCH

APPROVED: CHIEF, ENGINEERING DIVISION

DATE: FEB 1973

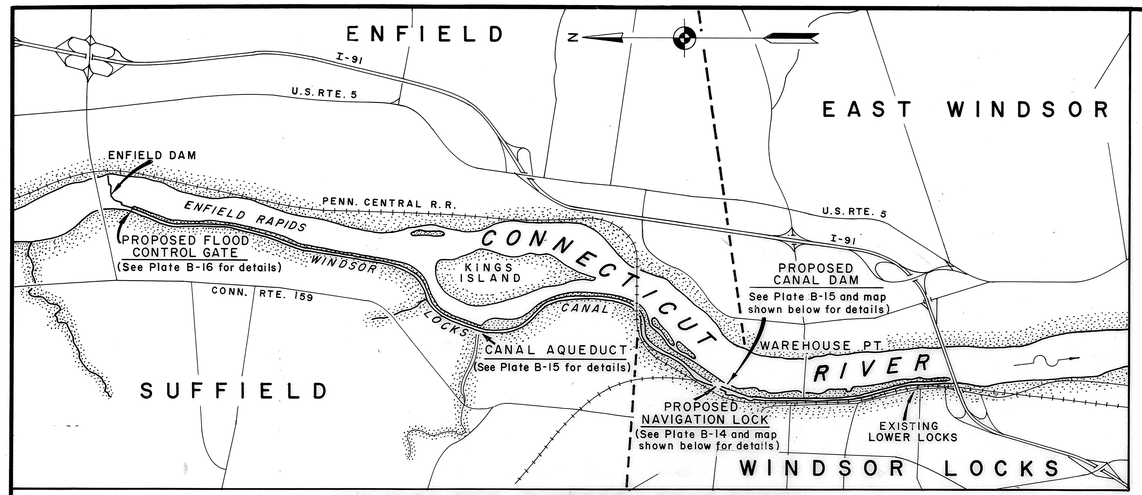
TO ACCOMPANY SURVEY REPORT DATED: SEPT. 1973

SCALE 1:4800

DRAWING NUMBER Ct. 824 B

SHEET 12 OF 16

SCANNED RECORD JUN 2009



VICINITY MAP - WINDSOR LOCKS CANAL

SCALE IN FEET
2000 0 2000 4000

TO ENFIELD DAM

Tower
Towpath
PROPOSED PICNIC AREA 12 TABLES
WINDSOR LOCK CANAL
EXISTING DRAIN
PENN. CENTRAL R.R.
ACCESS BRIDGE
PROPOSED LOCK
Comfort station
EXISTING CONDUIT
CANNON POND
PROPOSED PICNIC AREA 18 TABLES
Temporary construction road
V.F.W.
PARKING LOT
EXISTING DRAIN
PROPOSED DAM
GATED CONDUIT
WINDSOR LOCKS
FLOW
CONNECTICUT RIVER
WATER ST.
EAST WINDSOR
TO WAREHOUSE BRIDGE
100'
+Bedrock at +3.3
Bedrock at +3.6
N 402,000
N 401,000
E 635,000
E 634,000
E 634,000
N 403,000
N 402,000
N 401,000

NOTES:
See Vicinity Map above for location.
Contours are based on Mean Sea Level datum.

GRAPHIC SCALE (IN FEET)
1:1200
100 0 100 200

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
M'NG	ALD	

SUBMITTED: PROJECT ENGINEER
CHIEF, COASTAL DEVELOPMENT SECT.
APPROVAL RECOMMENDED: CHIEF, PLANNING BRANCH

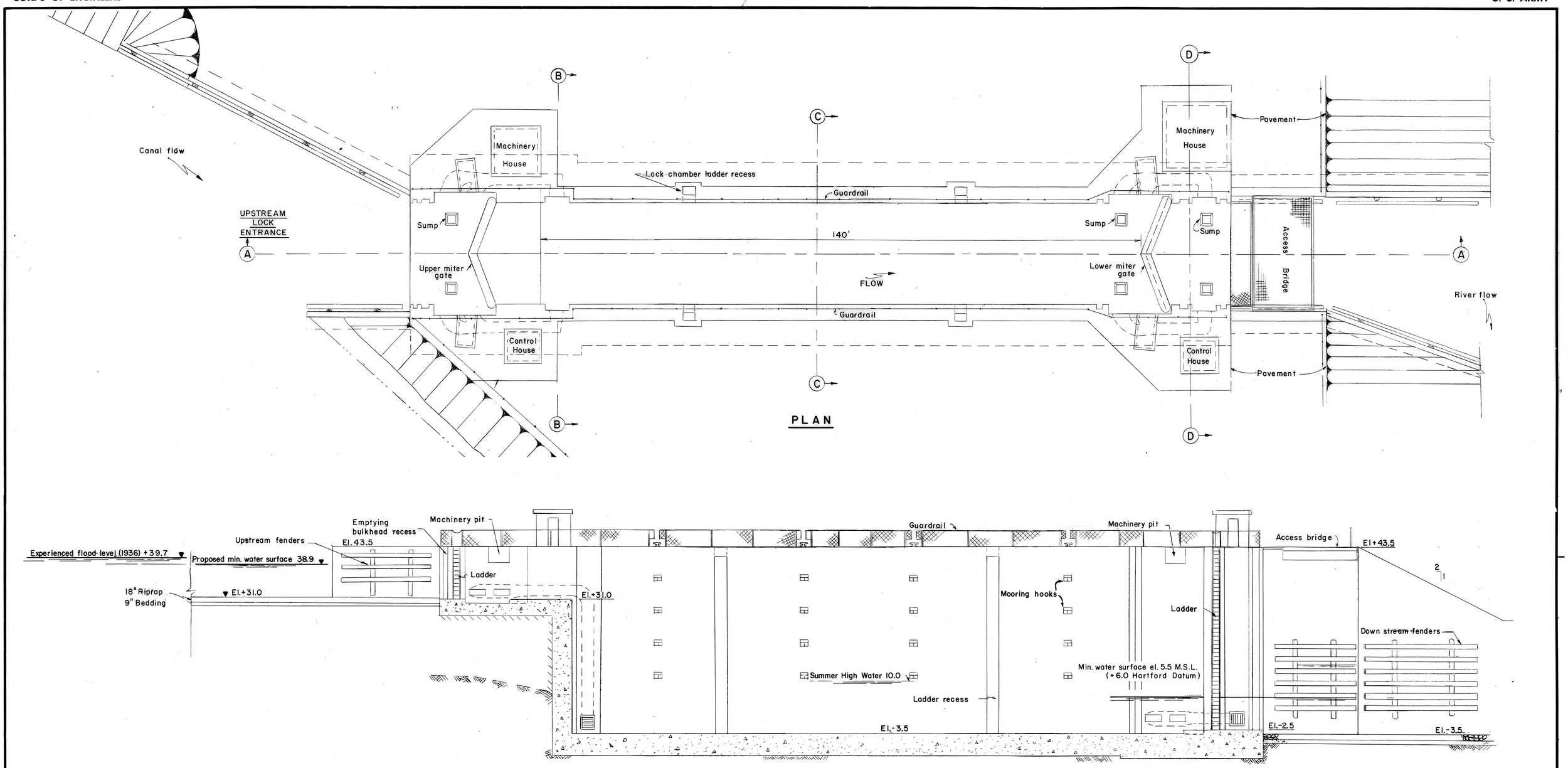
CONNECTICUT RIVER
HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
WINDSOR LOCKS CANAL

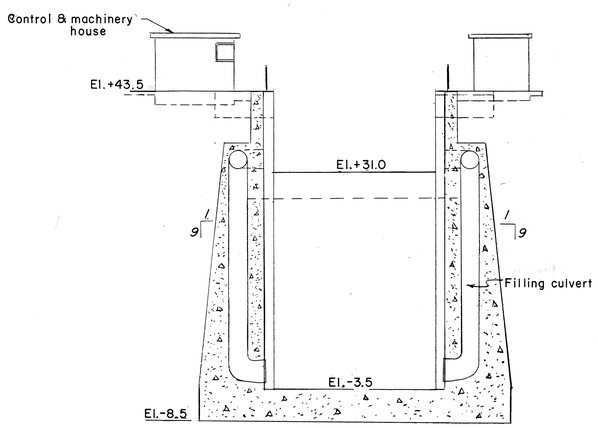
APPROVED: CHIEF, ENGINEERING DIVISION
DATE FEB. 1973

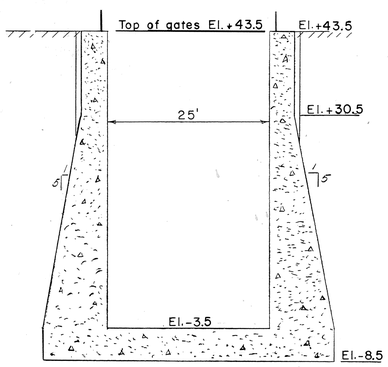
TO ACCOMPANY SURVEY REPORT
DATED: SEPT. 1973

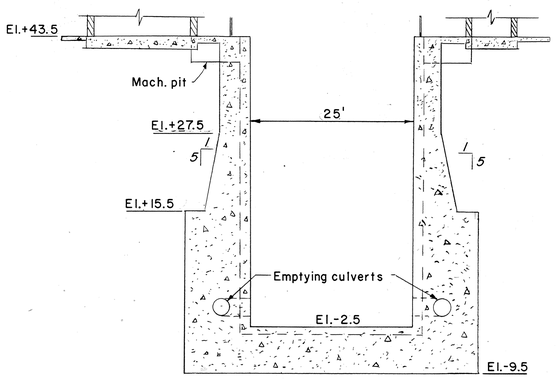
SCALE 1 1200
DRAWING NUMBER Ct. 824 B
SHEET 13 OF 16

SCANNED RECORD JUN 2009









GRAPHIC SCALE (IN FEET)
1"=10'
10 0 10 20

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
HHG	ALD	

SUBMITTED: PROJECT ENGINEER
CHIEF, COASTAL DEVEL. SECT.

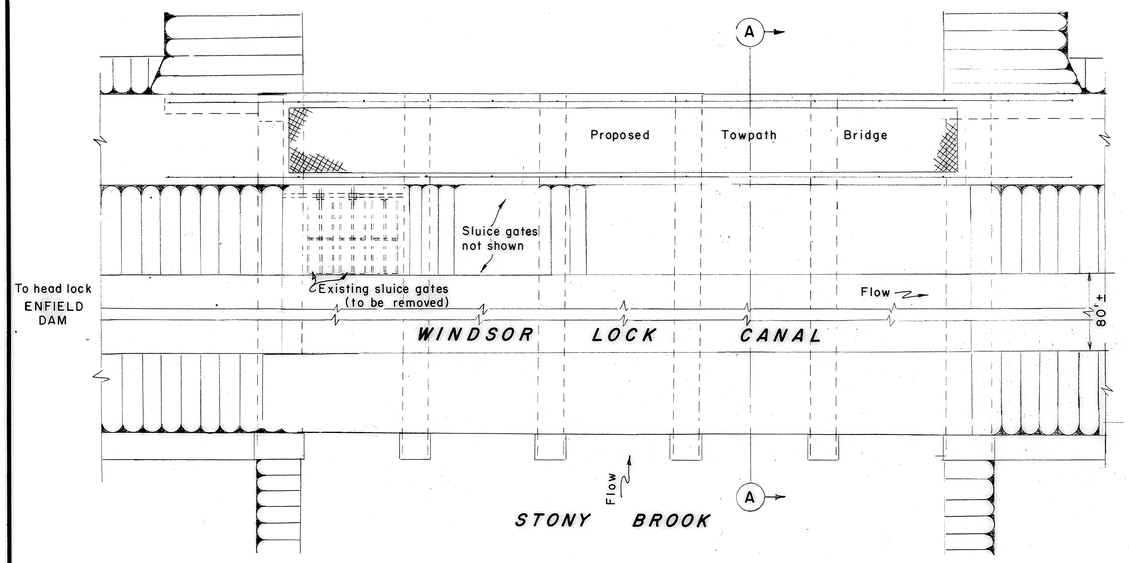
CONNECTICUT RIVER
HARTFORD, CONNECTICUT TO HOLYOKE, MASSACHUSETTS
CONSIDERED NAVIGATION LOCK
PLANS AND SECTIONS

APPROVAL RECOMMENDED: CHIEF, PLANNING BRANCH
APPROVED: CHIEF, ENGINEERING DIVISION
DATE FEB. 1973

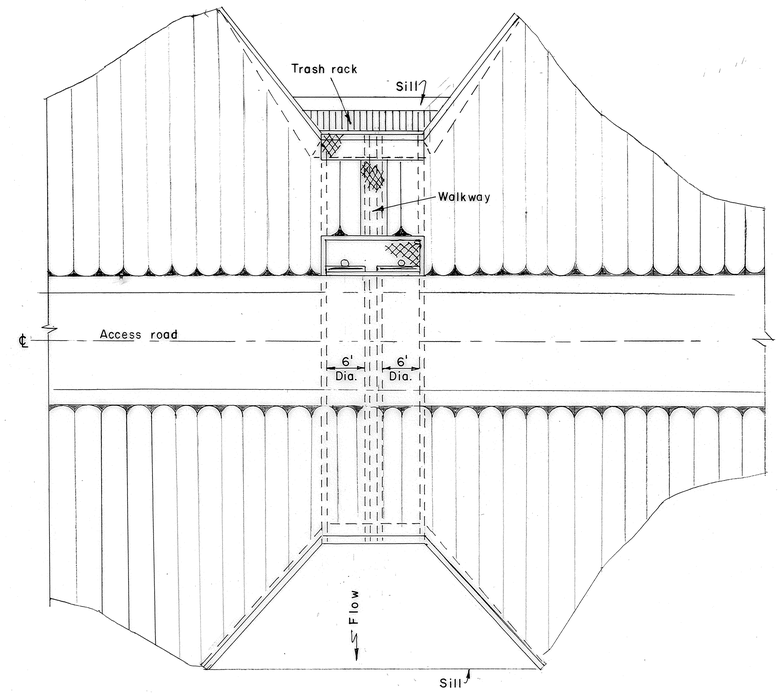
TO ACCOMPANY SURVEY REPORT
DATED: SEPT. 1973

SCALE 1"=10'
DRAWING NUMBER Ct.824 B
SHEET 14 OF 16

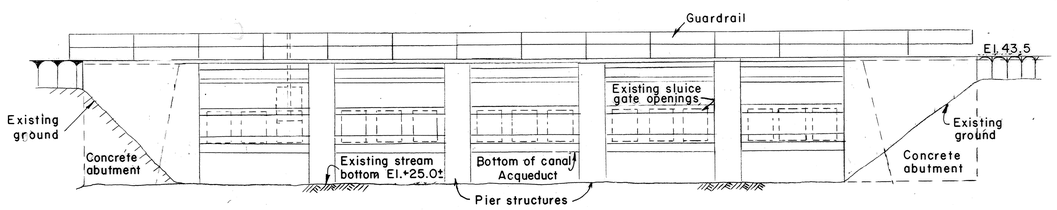
SCANNED RECORD JUN 2009



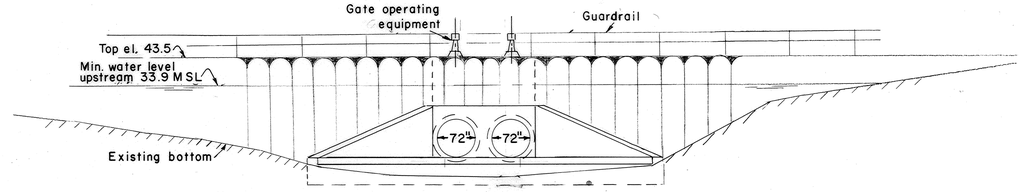
PLAN



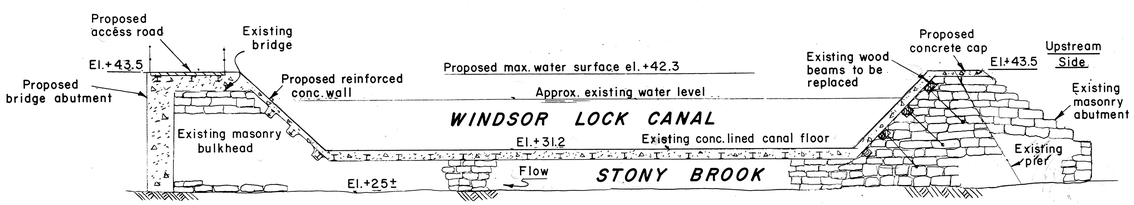
PLAN



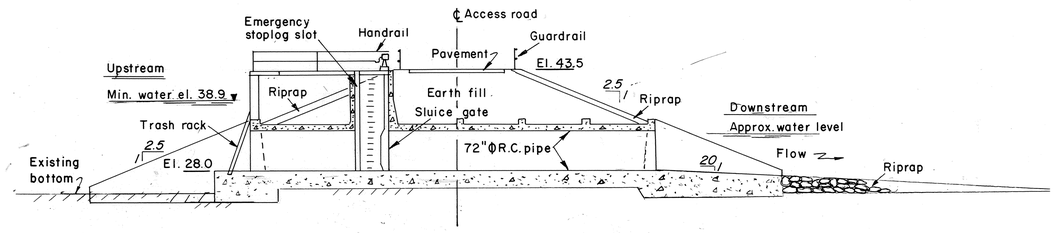
CANAL PROFILE



DOWNSTREAM ELEVATION



SECTION A-A



SECTION A-A

CONSIDERED WINDSOR LOCKS CANAL DAM

CONSIDERED MODIFICATIONS
TO WINDSOR LOCKS CANAL ACQUEDUCT
AT STONY BROOK

GRAPHIC SCALE (IN FEET)
1"=10' 10 0 10 20

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY	TR. BY	CK. BY
HHG	ALD	

SUBMITTED: Gardner D. Blodgett
PROJECT ENGINEER
Oscar E. Arpin
CHIEF, COASTAL DEVEL. SECT.

CONNECTICUT RIVER
HARTFORD, CONNECTICUT
TO
HOLYOKE, MASSACHUSETTS
CONSIDERED CANAL DAM AND
MODIFICATIONS TO CANAL ACQUEDUCT
PLANS AND SECTIONS

APPROVAL RECOMMENDED: Joseph L. Lenzer
CHIEF, PLANNING BRANCH

APPROVED: [signature]
CHIEF, ENGINEERING DIVISION

DATE FEB. 1973

SCALE 1"=10'

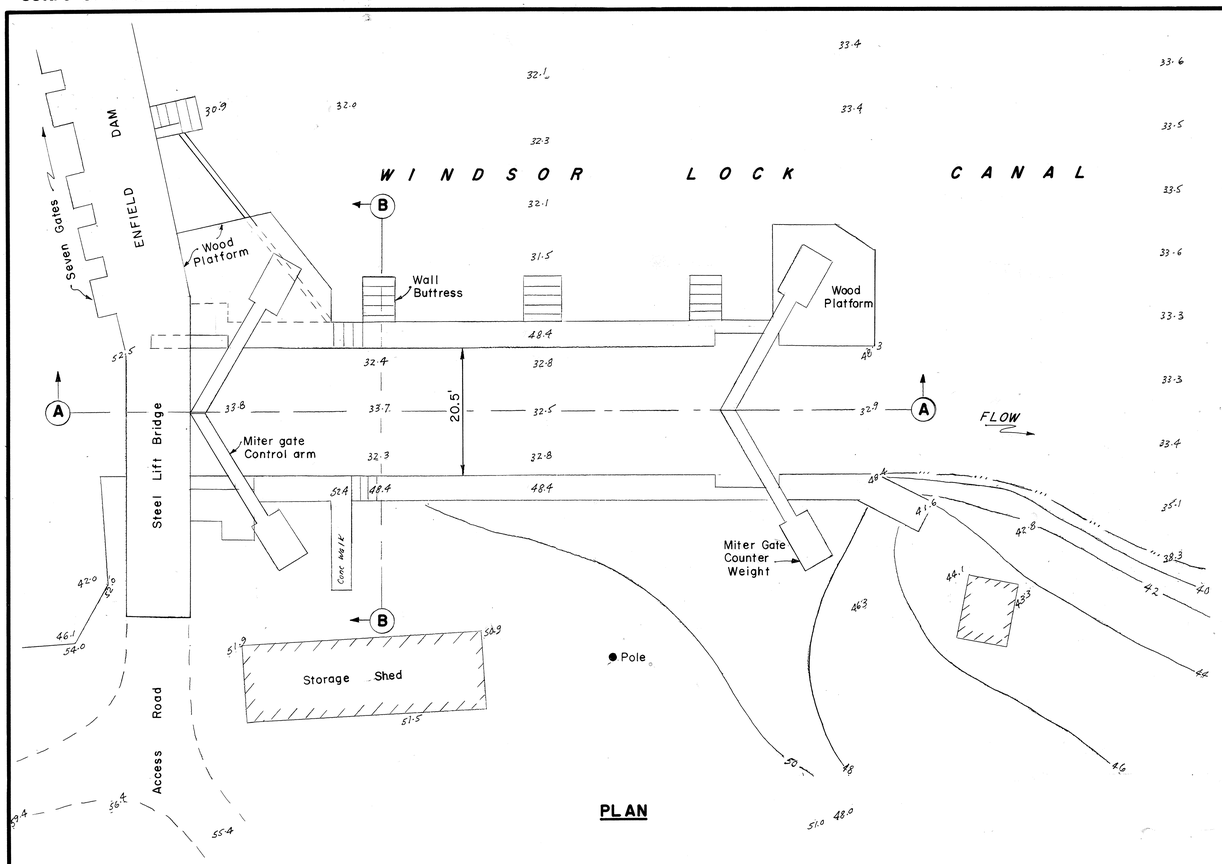
TO ACCOMPANY SURVEY REPORT
DATED: SEPT. 1973

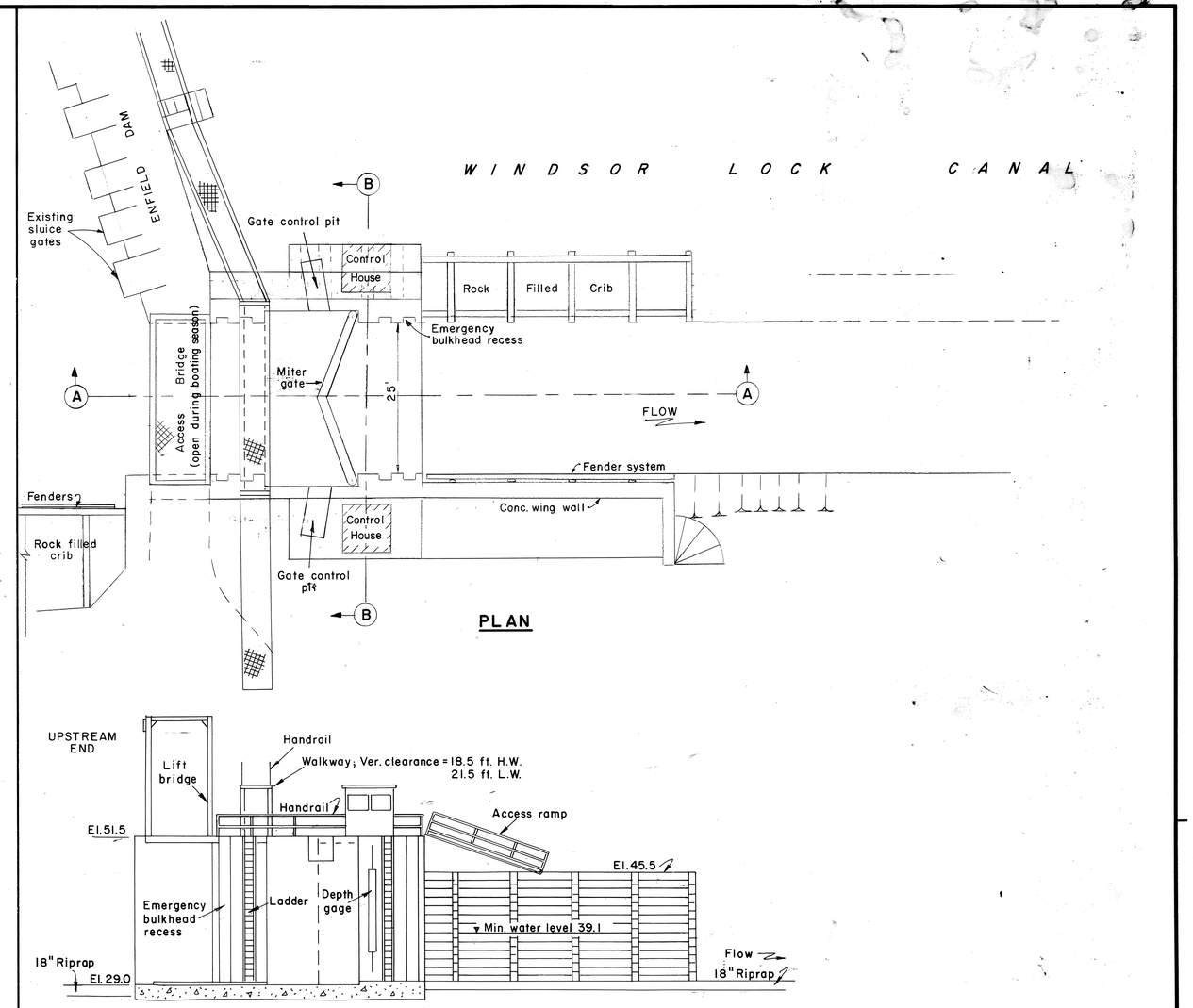
DRAWING NUMBER
Ct. 824 B

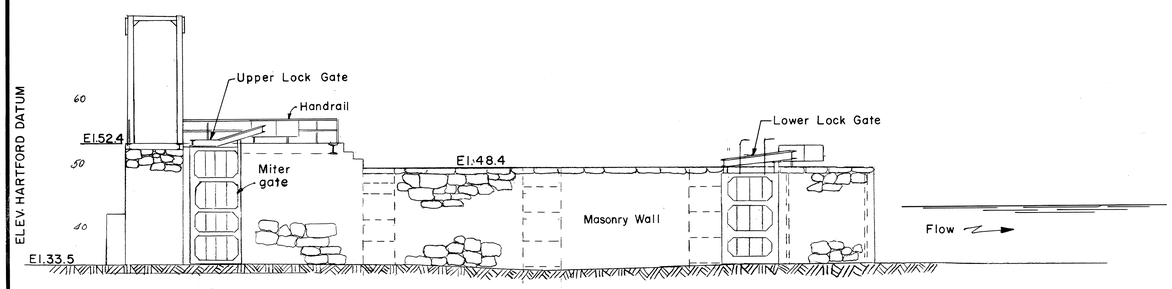
SHEET 15 OF 15

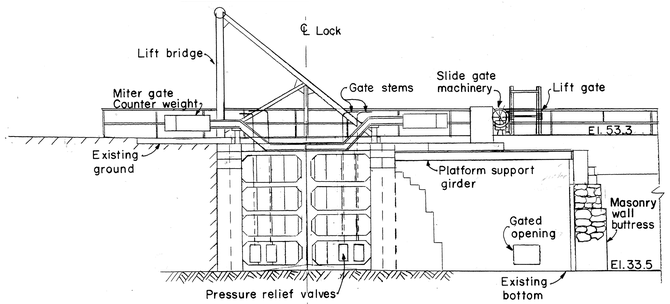
SCANNED RECORD JULY 2009

PLATE NO. B-15

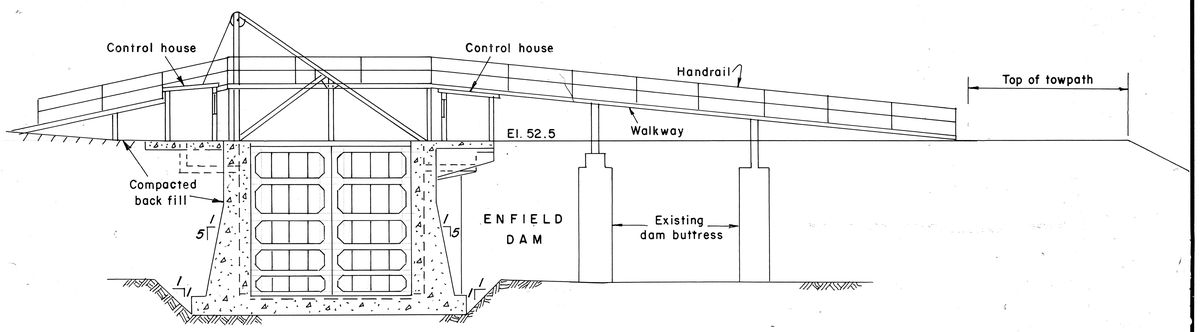








EXISTING UPPER LOCK
AT WESTERN END OF ENFIELD DAM



CONSIDERED REPLACEMENT OF UPPER LOCK
BY FLOOD CONTROL GATE AT WESTERN END OF ENFIELD DAM

GRAPHIC SCALE (IN FEET)
1" = 10'
10 0 10 20

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DR. BY H.H.G.	TR. BY A.D.C.	CK. BY

SUBMITTED: PROJECT ENGINEER
CHIEF, COASTAL DEVEL. SECT.

CONNECTICUT RIVER
HARTFORD, CONNECTICUT
TO
HOLYOKE, MASSACHUSETTS
EXISTING UPPER LOCK
AND CONSIDERED REPLACEMENT
PLANS AND SECTIONS

APPROVAL RECOMMENDED: CHIEF, PLANNING BRANCH
APPROVED: CHIEF, ENGINEERING DIVISION
DATE FEB. 1973

TO ACCOMPANY SURVEY REPORT
DATED: SEPT. 1973

SCALE 1" = 10'
DRAWING NUMBER Ct. 824 B
SHEET 16 OF 16

SCANNED RECORD JUN 2009