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STANDARD STRUCTURE SHEETS APPROVED BY THE CHIEF ENGINEER	
VERMONT STATE DEPT. OF HIGHWAYS	
S 28	APRIL 26, 1941
S 30	NOV. 10, 1947
S 30A	APRIL 19, 1941
S 40	DEC. 18, 1945

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

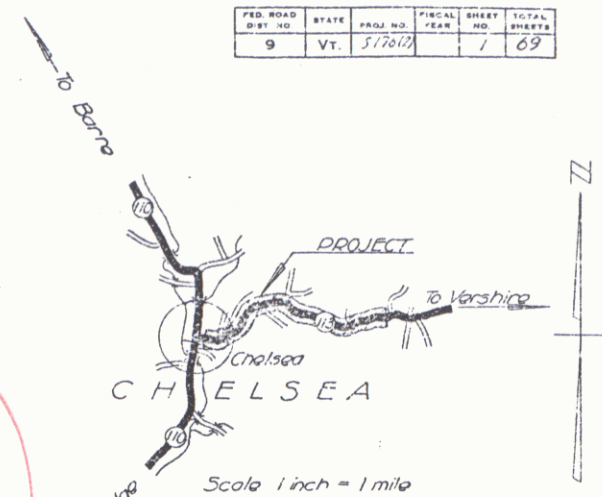
SECONDARY PROJECT
TOWN OF CHELSEA

CHELSEA - FAIRLEE ROAD
VERMONT ROUTE 113

BEGINNING AT A POINT 50.4 FEET EASTERLY OF THE INTERSECTION
OF VERMONT ROUTES 110 AND 113, AND EXTENDING EASTERLY 11,895.6 FT.

LENGTH OF PROJECT 11,895.6 FEET = 2.253 MILES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	VT.	5176(2)	1	69



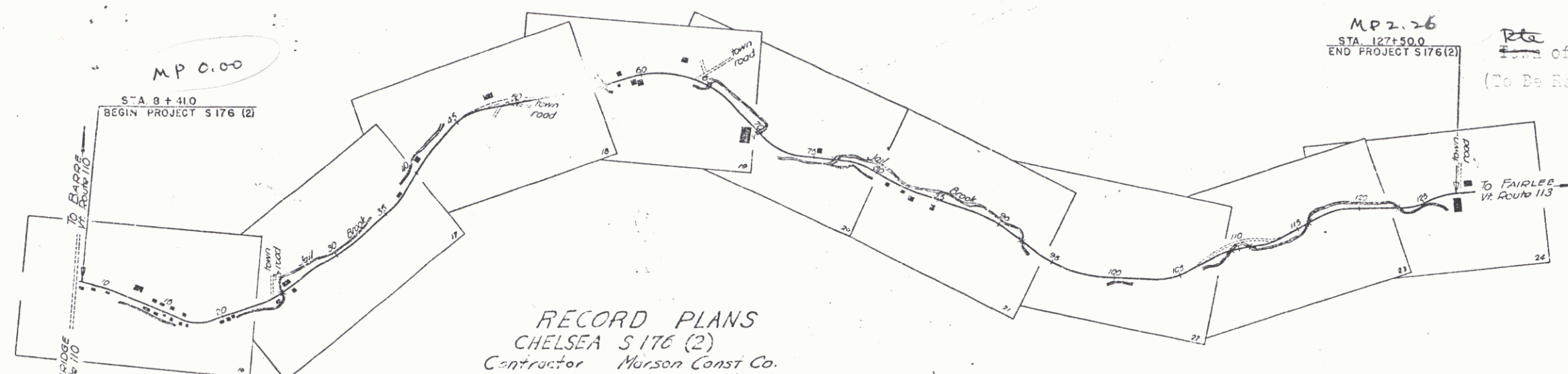
PROJECT: S176(2)
Route: VT 113
Town: Chelsea
P.N. 00R447
Date: 07/09/1948

RIGHT-OF-WAY DIVISION
TOWN FILE

PERPETUAL

Sta. 127+50.0
END PROJECT S176(2)
Rte. of 113
(To Be Returned To R.O.W. Division)

APPROVED: 26 JULY 48
H.P. Sargent
COMMISSIONER OF HIGHWAYS
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD



RECORD PLANS
CHELSEA S176(2)
Contractor: Murson Const. Co.
Resident Engineer: Robert Munn
Inspector: Dan Barzone

GROUND ELEVATION DATUM LINE
GRADE ELEVATION DATUM LINE

CURVE DATA

DEFLECTION ANGLE.....Δ
DEGREE OF CURVE.....D
RADIUS OF CURVE.....R
TANGENT DISTANCE.....T
LENGTH OF CURVE.....L
EXTERNAL DISTANCE.....E
POINT OF INTERSECTION.....P.I.
POINT OF CURVE.....P.C.
POINT OF TANGENT.....P.T.
POINT ON TANGENT.....P.O.T.

SCALES

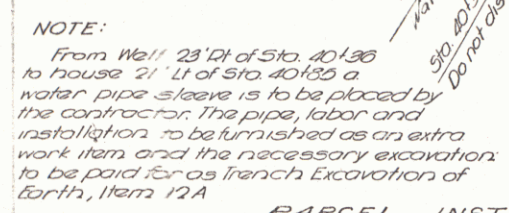
TITLE 1" = 500'
TYPICAL 1" = 2'
PLAN 1" = 50'
PROFILE HORIZONTAL 1" = 50'
PROFILE VERTICAL 1" = 10'
CROSS SECTIONS 1" = 5'

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE
REQUIRED BY THE PUBLIC ROADS ADMINISTRATION OR THE COM-
MISSIONER OF HIGHWAYS.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH
THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS
OF 1936, AS APPROVED DECEMBER 20, 1936 BY THE PUBLIC
ROADS ADMINISTRATION, INCLUDING ALL SUBSEQUENT APPROVED
REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL
PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

RECOMMENDED FOR APPROVAL
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY
APPROVED
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED: 1/1/48
APPROVED: 1/1/48
SERIES NO. 116(2) FILED
SHEET 1 OF 69

ROAD NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	5	176(2)	19	69



CHELSEA
Series 5 No 176 (2)
Sheet 19 of 69 Sheets

STA 55+60
If pipe is contacted, pipe will be lowered by the contractor. Water pipe sleeve is to be placed by the contractor. The pipe, labor and installation to be furnished on a cost plus basis and the necessary excavation to be paid for as French Excavation of earth, Item 12A.

CONSTRUCT DRIVES
LEFT
54+90 56+38
56+00 59+78
58+98 50
25

CONSTRUCT APPROACH
64+77 Lt. Town Road

FILE NO. STATE 5 FISCAL YEAR 176(2) SHEET NO. 20 OF 29

HARRIET L. CLARK

JOHN BELLEFEUILLE
SHIRLEY BELLEFEUILLE
Field

FRANKLIN BURBANK
MYRTLE BURBANK
pasture

HAROLD MILES

R/L FRANKLIN BURBANK
MYRTLE BURBANK

- LIST OF SHEETS - BRIDGE #22 AT LOG STA 141+92
- 1 SUPERSTRUCTURE: - Dwg SSBZ; 1 SPAN - 20'-0" o 160 30' ROADWAY, MODIFY TO 15' SKEW ON 5' CURVE
 - 2 RAILING: SB-56-1; MODIFY AS ABOVE, WITH 12" CURB HEIGHT.
 - 3 ABUTMENTS: - SLAB-15'; FOR 30' ROADWAY, WINGS TO FIT. NO PILING REQUIRED. ABUT #1 - H-14'-0". ABUT #2 - H-15'-0"
 - 4 Dwg SSBZ-DETAILS: 'D' & 'J'

BRIDGE DATA

TYPE	PRESENT	PROPOSED
ROADWAY	18'	30'
OVERALL LENGTH	20'	20'
CLEAR SPAN	17.5'	17.25' AT
CLEAR HEIGHT	8'-0"	10'
WATERWAY	13.5'	17.0'
DELT. MAX. H.W.	1100'	
DRIFT	LITTLE	
SCOUR	NONE - FLAT BOULDERS	
STREAM VELOCITY	SWIFT	

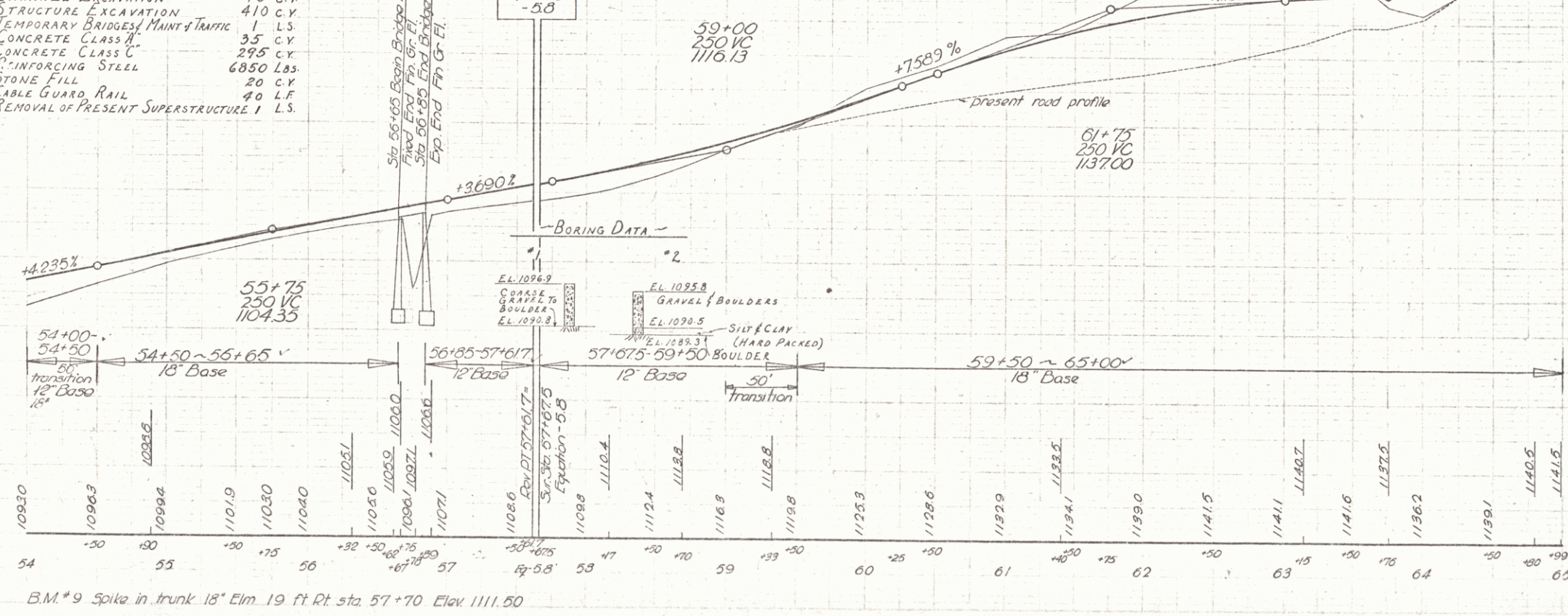
PARCEL INSTRUMENT DATE GRANTOR GRANTEE

#10A & B	W. D. O. E.	11-30-48	JOHN A. SHIRLEY	ST. OF VT.
#11A & (B 3A & 21)	W. D.	11-17-48	FRANKLIN BURBANK	ST. OF VT.

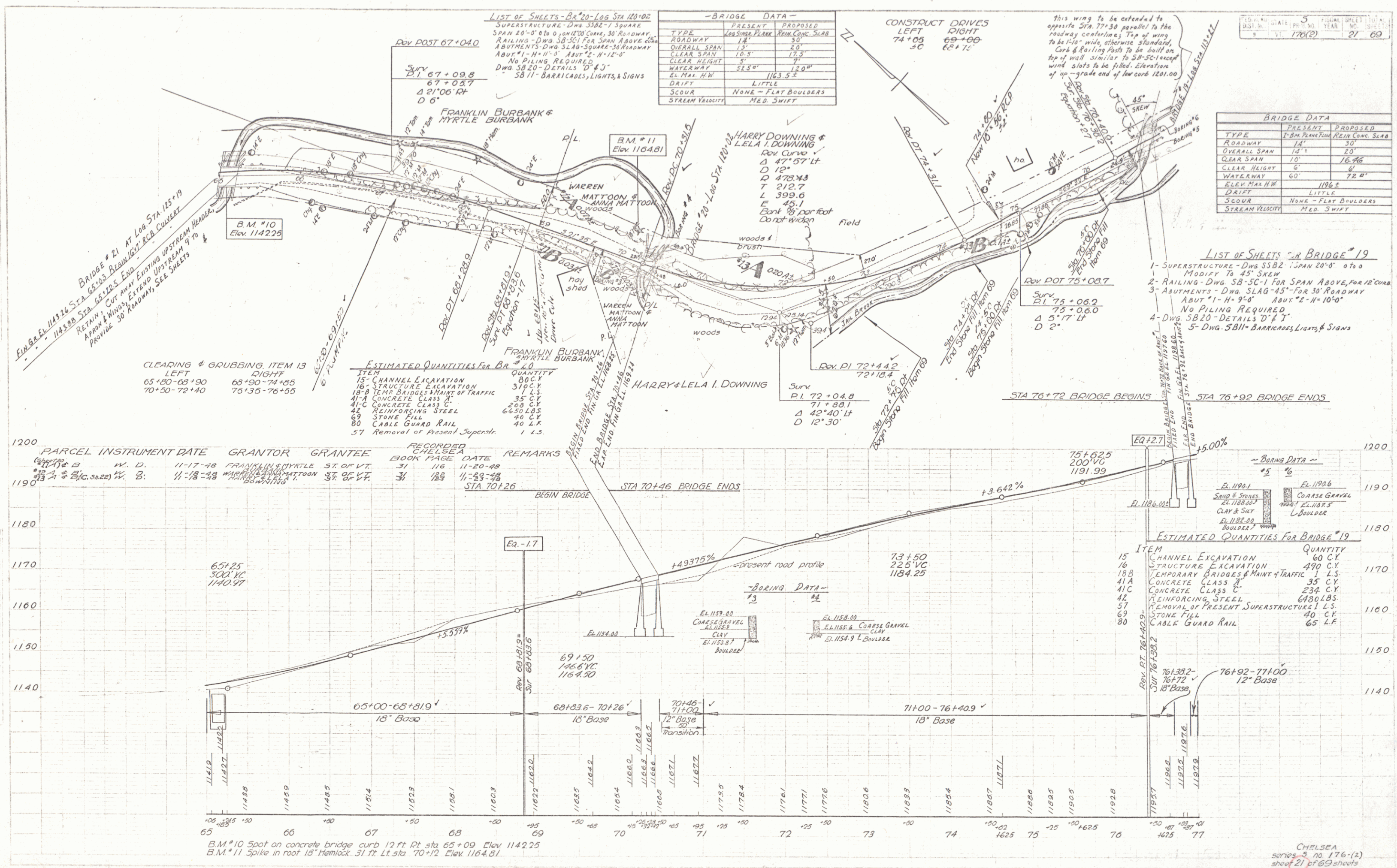
RECORDED CHITSEA BOOK PAGE DATE
31 127 11-3-48
31 116 11-20-48 SEE SHEET 21

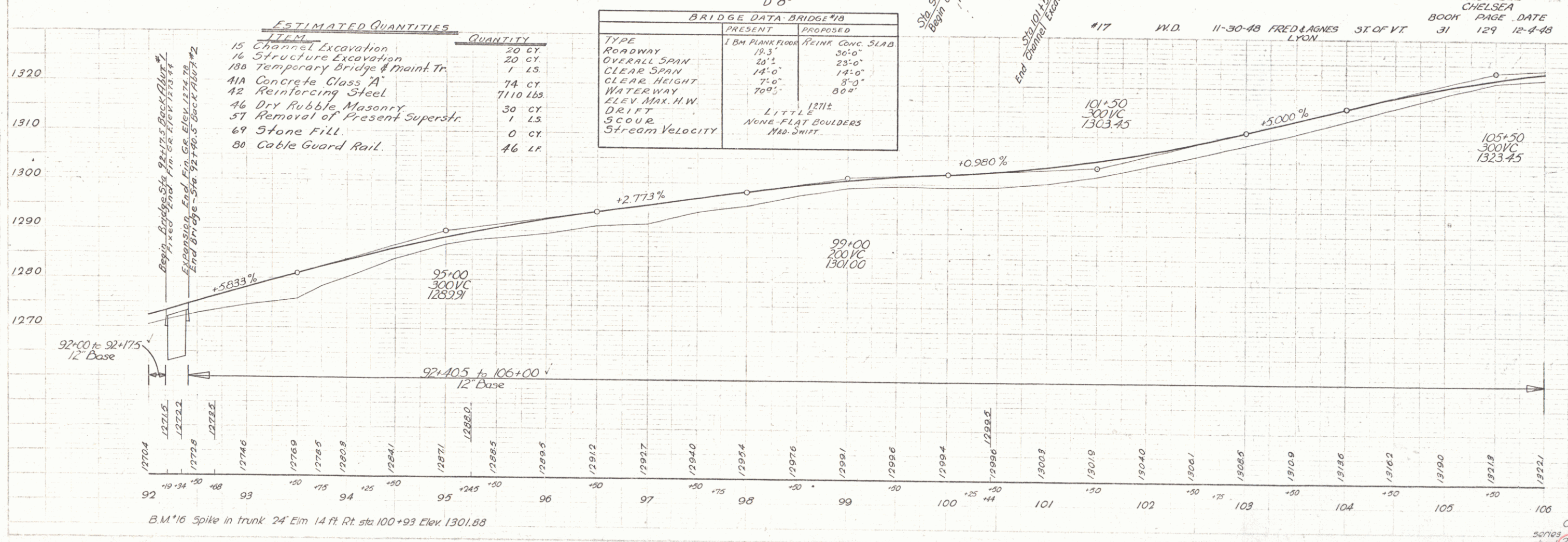
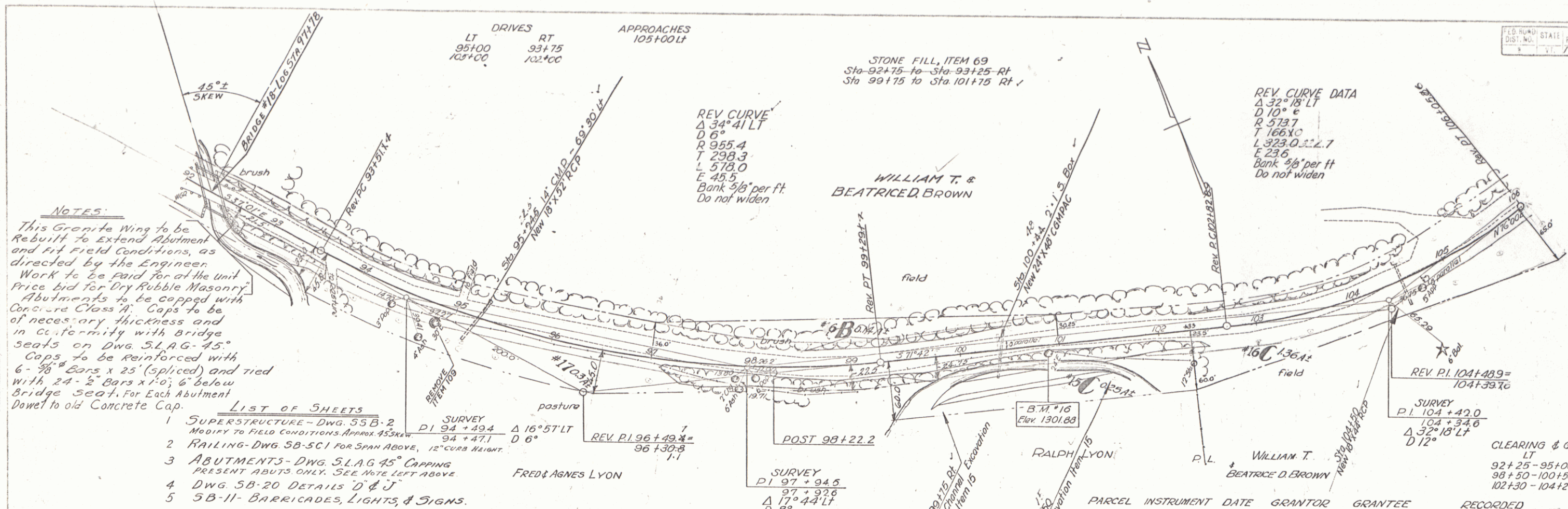
ESTIMATED QUANTITIES

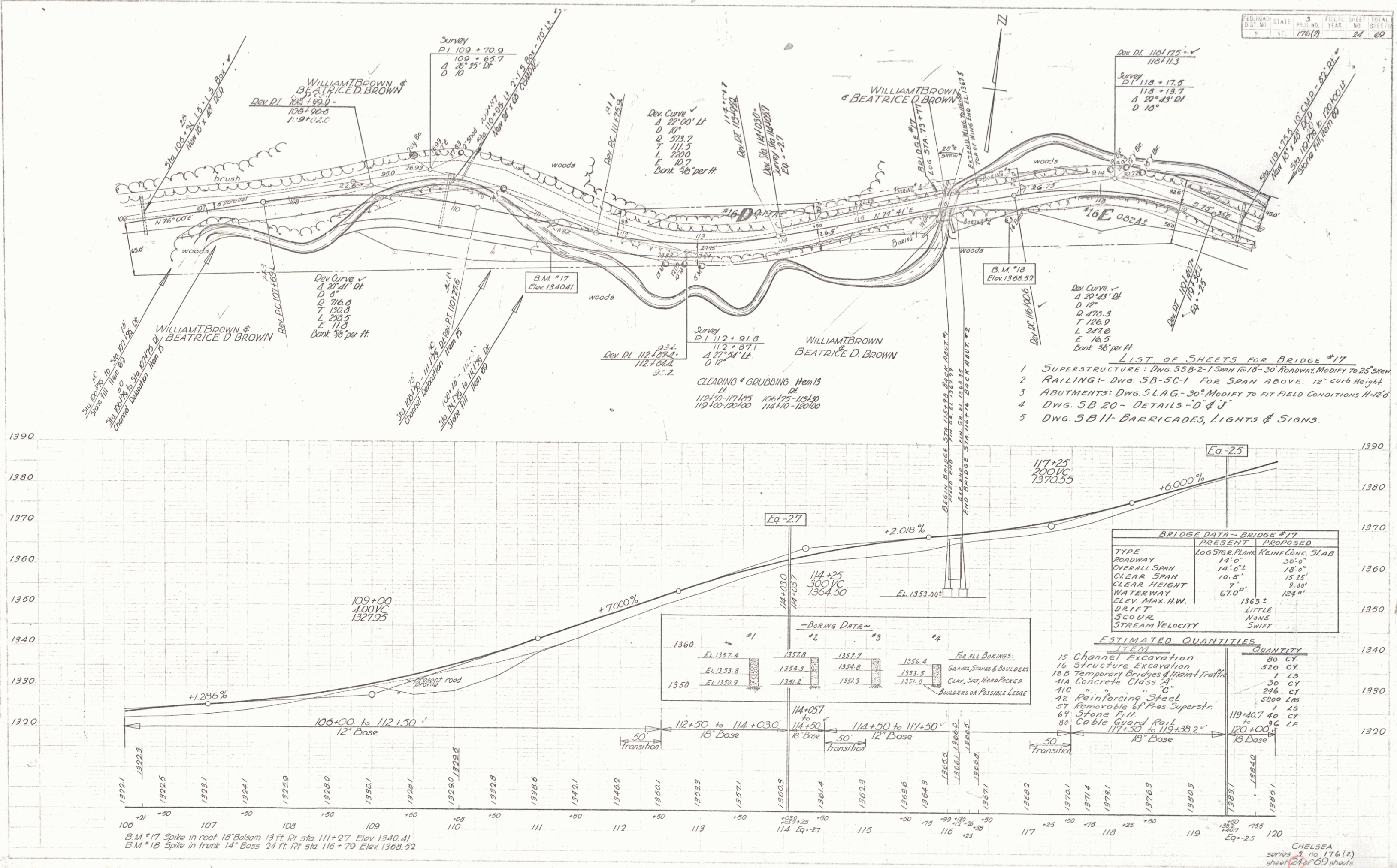
ITEM	QUANTITY
15 CHANNEL EXCAVATION	40 C.Y.
16 STRUCTURE EXCAVATION	410 C.Y.
18B TEMPORARY BRIDGES, MAINT. TRAFFIC	1 L.S.
41-A CONCRETE CLASS A	35 C.Y.
41-C CONCRETE CLASS C	295 C.Y.
42 REINFORCING STEEL	6850 LBS.
69 STONE FILL	20 C.F.
80 CABLE GUARD RAIL	40 L.F.
57 REMOVAL OF PRESENT SUPERSTRUCTURE 1 L.S.	



CHITSEA
series 3 no. 176(2)
sheet 20 of 29 sheets







LIST OF SHEETS FOR BRIDGE #16
 SUPERSTRUCTURE: DWG. 55B2-1 SPAN@18'
 30' ROADWAY, MODIFY TO 45' SKIN
 RAILING: DWG. 58-SC-1, FOR SPAN ABOVE, 12" CURB HEIGHT, N=10'
 ABUTMENTS: DWG. 58A-45' N=10'
 DWG. 58B20: DETAILS 'D' & 'J'
 DWG. 58B11: BARRICADES, LIGHTS, & SIGNS

CONSTRUCT DRIVES
 RIGHT
 122+25
 127+90

CONSTRUCT APPROACH
 127+90 to Town Road

CHS
 DIST. NO. STATE 5
 PROJ. NO. YEAR 176(2)
 NO. SHEETS 25 69

BRIDGE DATA		
TYPE	PRESENT	PROPOSED
ROADWAY	LOG STRAP PLANK	REIN. CONC. SLAB
OVERALL SPAN	20'	18'
CLEAR SPAN	14'	14.5'
CLEAR HEIGHT	6'	8.5'
WATERWAY	60"	77"
EL. MAX. R.W.	1399.1	
DRIFT	LITTLE	
SCOUR	NONE - LEDGE BED	
STREAM VELOCITY	SWIFT	

WILLIAM BROWN
 BEATRICE D. BROWN

CLEARING & GRUBBING, ITEM 13
 LEFT
 120+00-122+85 120+00-122+25
 RIGHT
 123+00-127+50 122+30-126+90

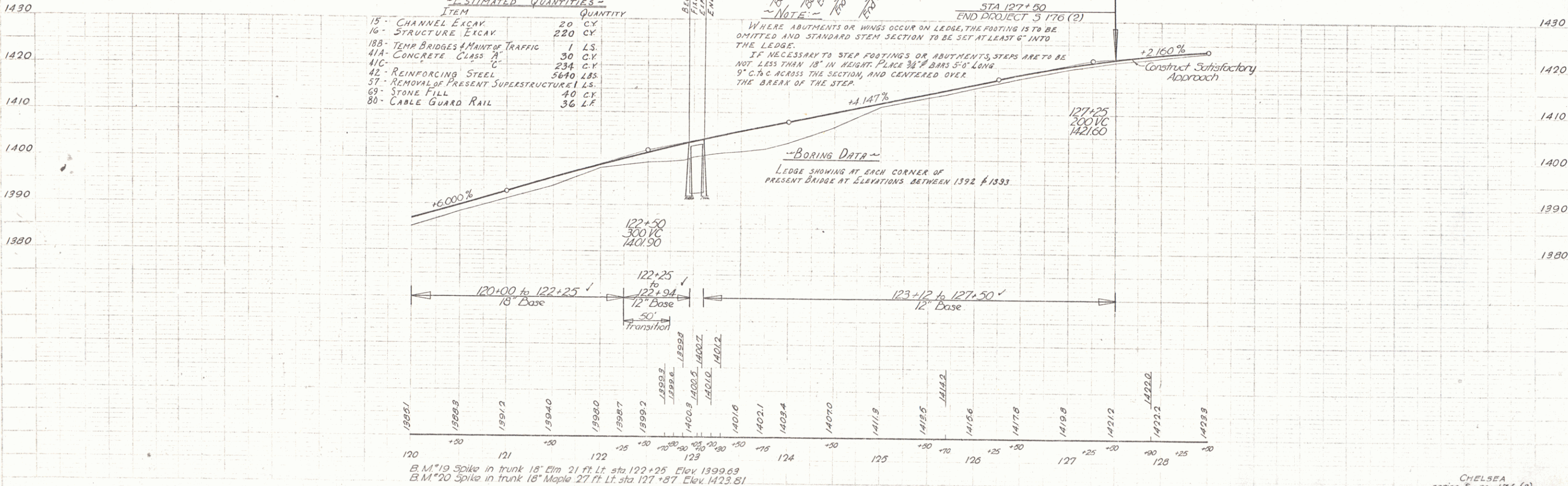
ESTIMATED QUANTITIES

ITEM	QUANTITY
15- CHANNEL EXCAV.	20 CY
16- STRUCTURE EXCAV.	220 CY
18B- TEMP BRIDGES & MAINT. OF TRAFFIC	1 LS.
41A- CONCRETE CLASS A	30 CY
41C- CONCRETE CLASS C	234 CY
42- REINFORCING STEEL	5610 LBS.
57- REMOVAL OF PRESENT SUPERSTRUCTURE	1 LS.
69- STONE FILL	40 CY
80- CABLE GUARD RAIL	36 LF

NOTE: WHERE ABUTMENTS OR WINGS OCCUR ON LEDGE, THE FOOTING IS TO BE OMITTED AND STANDARD STEM SECTION TO BE SET AT LEAST 6' INTO THE LEDGE.
 IF NECESSARY TO STEP FOOTINGS OR ABUTMENTS, STEPS ARE TO BE NOT LESS THAN 18" IN HEIGHT. PLACE 3# BARS 5'-0" LONG 9" C.C. ACROSS THE SECTION, AND CENTERED OVER THE BREAK OF THE STEP.

BORING DATA

LEDGE SHOWING AT EACH CORNER OF PRESENT BRIDGE AT ELEVATIONS BETWEEN 1392 & 1393



CHLSEA
 series 5, no. 176(2)
 sheet 25 of 25 sheets