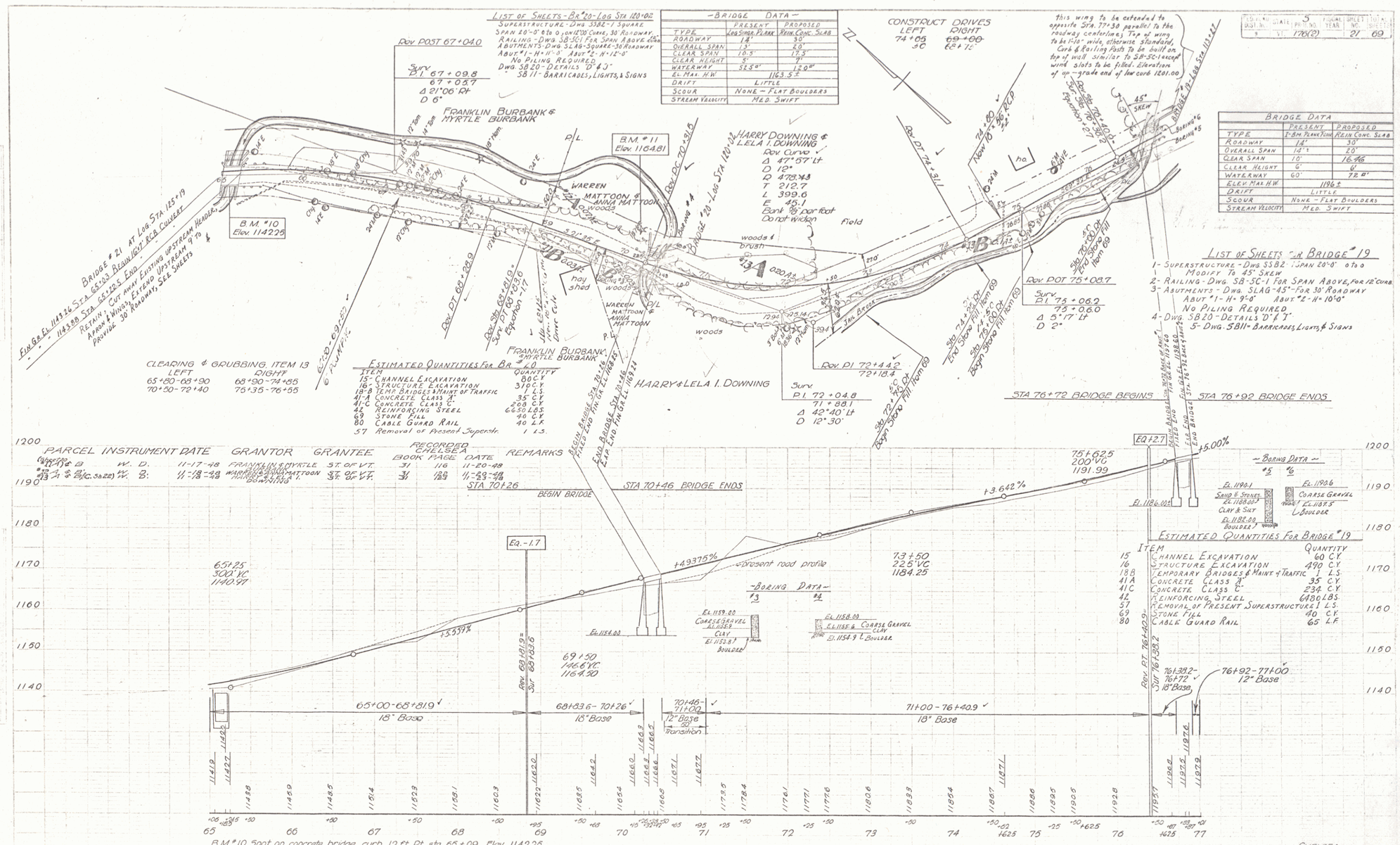
FED. AID PROJ. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
S	VT.	176(2)	21	69

LIST OF SHEETS - BR #20 - LOG STA 120+02
SUPERSTRUCTURE - DWG SSB2-1 SQUARE
SPAN 20'-0" O TO O, ON 1200' CURVE, 30' ROADWAY.
RAILING - DWG SB-SC-1 FOR SPAN ABOVE, 12" CURB
ABUTMENTS - DWG. SLAG-SQUARE-30' ROADWAY
ABUT #1 - H = 11'-0" ABUT #2 - H = 12'-0"
NO PILING REQUIRED.
DWG. SB20 - DETAILS 'D' & 'J'
SB11 - BARRICADES, LIGHTS, & SIGNS

-BRIDGE DATA-	PRESENT	PROPOSED
TYPE	Log Stringer Plank	Rein. Conc. Slab
ROADWAY	14'	30'
OVERALL SPAN	13'	20'
CLEAR SPAN	10.5'	17.5'
CLEAR HEIGHT	5'	7'
WATERWAY	52.5 sf	120 sf
EL. MAX. H.W.	1163.5 ±	
DRIFT	LITTLE	
SCOUR	NONE - FLAT BOULDERS	
STREAM VELOCITY	MED. SWIFT	



BRIDGE DATA	PRESENT	PROPOSED
TYPE	I-BM. PLANK TOP	REIN. CONC. SLAB
ROADWAY	14'	30'
OVERALL SPAN	14 ±	20'
CLEAR SPAN	10'	16.46
CLEAR HEIGHT	6'	6'
WATERWAY	60'	72 ft²
ELEV. MAX. H.W.	1196 ±	
DRIFT	LITTLE	
SCOUR	NONE - FLAT BOULDERS	
STREAM VELOCITY	MED. SWIFT	

LIST OF SHEETS FOR BRIDGE #19
1 - SUPERSTRUCTURE - DWG. SSB2 - 1 SPAN 20'-0" O TO O MODIFY TO 45° SKEW
2 - RAILING - DWG. SB-SC-1 FOR SPAN ABOVE, FOR 12" CURB
3 - ABUTMENTS - DWG. SLAG-45°-FOR 30' ROADWAY ABUT #1 - H = 9'-0" ABUT #2 - H = 10'-0"
NO PILING REQUIRED
4 - DWG. SB20 - DETAILS 'D' & 'J'
5 - DWG. SB11 - BARRICADES, LIGHTS, & SIGNS

CLEARING & GRUBBING, ITEM 13
LEFT: 65+80 - 68+90; 70+50 - 72+40
RIGHT: 68+90 - 74+85; 75+35 - 76+55

ESTIMATED QUANTITIES FOR BR #20

ITEM		QUANTITY
15	CHANNEL EXCAVATION	80 C.Y.
16	STRUCTURE EXCAVATION	370 C.Y.
18-B	TEMP. BRIDGES & MAINT. OF TRAFFIC	1 L.S.
41-A	CONCRETE CLASS 'A'	35 C.Y.
41-C	CONCRETE CLASS 'C'	268 C.Y.
42	REINFORCING STEEL	6650 LBS.
69	STONE FILL	40 C.Y.
80	CABLE GUARD RAIL	40 L.F.
57	Removal of Present Superstr.	1 L.S.

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED BOOK	RECORDED PAGE	RECORDED DATE	REMARKS
Corners A & B	W. D.	11-17-48	FRANKLIN & MYRTLE	ST. OF VT.	31	116	11-20-48	
#13 & 13 (C. Sh 22)	W. D.	11-18-48	WARREN & MATTOON	ST. OF VT.	31	129	11-23-48	
			WARREN & ANNA MATTOON	HARRY & LELA I. DOWNING				

-BORING DATA-
#5: EL. 1190.1; SAND & STONES EL. 1188.00; CLAY & SILT EL. 1182.00; BOULDER
#6: EL. 1190.6; COARSE GRAVEL EL. 1188.5; BOULDER

ESTIMATED QUANTITIES FOR BRIDGE #19

ITEM		QUANTITY
15	CHANNEL EXCAVATION	60 C.Y.
16	STRUCTURE EXCAVATION	490 C.Y.
18B	TEMPORARY BRIDGES & MAINT. TRAFFIC	1 L.S.
41A	CONCRETE CLASS 'A'	35 C.Y.
41C	CONCRETE CLASS 'C'	234 C.Y.
42	REINFORCING STEEL	6480 LBS.
57	REMOVAL OF PRESENT SUPERSTRUCTURE	1 L.S.
69	STONE FILL	40 C.Y.
80	CABLE GUARD RAIL	65 L.F.

-BORING DATA-
#3: EL. 1159.00; COARSE GRAVEL EL. 1153.8; CLAY; EL. 1153.8; BOULDER
#4: EL. 1158.00; EL. 1155.6 COARSE GRAVEL; CLAY; EL. 1154.9; BOULDER

B.M. #10 Spot on concrete bridge curb 12 ft. Rt. sta. 65+09 Elev. 1142.25
B.M. #11 Spike in root 18" Hemlock 31 ft. Lt. sta. 70+12 Elev. 1164.81

CHELSEA
series 3 no. 176-(2)
sheet 21 of 69 sheets

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