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3	BANKING AND WIDENING TABLES
4	QUANTITY SHEET (ITEMS) PARTS "A" & "B"
5	QUANTITY SHEET (DRAINAGE) PARTS "A" & "B"
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12	DETAILS OF SUPERSTRUCTURE 8+38.5
13	DETAILS OF ABUTMENT NO. 1 8+04.0
14	DETAILS OF ABUTMENT NO. 2 8+73.0
15	REINFORCING STEEL SCHEDULE 8+38.5
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~~27~~	~~STANDARD STRUCTURE SHEET S-?? (BARRICADES, SIGNS AND LIGHTS)~~
28	STANDARD STRUCTURE SHEET S 48-46 (THREE CABLE GUARD RAIL)
29	STANDARD STRUCTURE SHEET S 53-48 (PRECAST R.C.P DROP INLETS)
30	STANDARD STRUCTURE SHEET SB-20 (DETAILS C, D, E, H, J, K, AND L.
31	STANDARD STRUCTURE SHEET SB-5-S1 (BRIDGE RAILING)
32	STANDARD STRUCTURE SHEET SB-11 (BARRICADES, SIGNS AND LIGHTS) BRIDGE
33	EARTHWORK SHEET PART "B"
34-36	PLAN AND PROFILE SHEETS PART "B"
37	PRELIMINARY INFORMATION SHEET 32+63
38	DETAILS OF SUPERSTRUCTURE 32+63
39	DETAILS OF ABUTMENT NO. 1 32+26
40	DETAILS OF ABUTMENT NO. 2 33+00
41	REINFORCING STEEL SCHEDULE 32+63
42-46	CROSS SECTIONS PART "B"
47-49	CHANNEL SECTIONS PART "B"

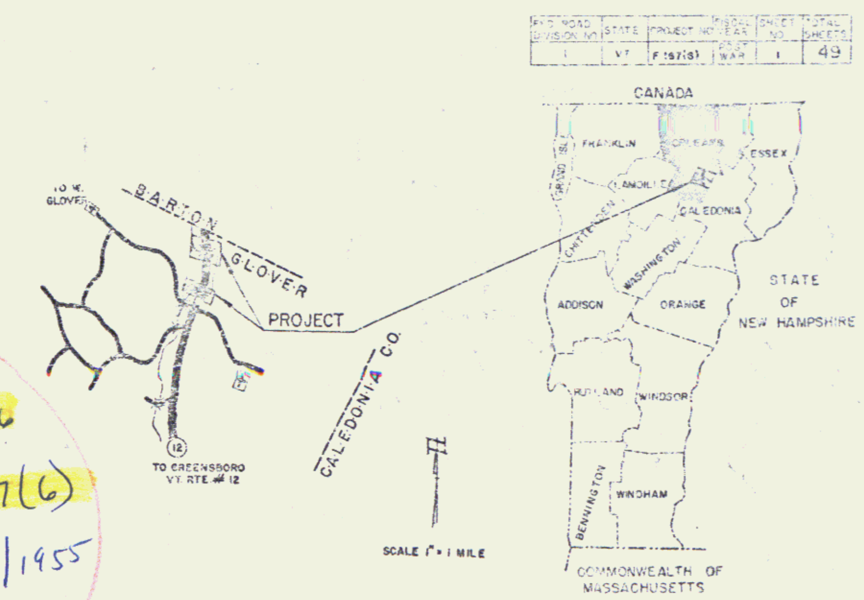
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID PROJECT

TOWN OF GLOVER
COUNTY OF ORLEANS
VERMONT ROUTE 16

Route V416
Project F167(6)
Date 01/10/1955
P.i.n. 00R578



PROJECT NAME & NUMBER	TYPE	PAVEMENT AREA
GLOVER F167(6)	Cr. Gr. M.I.P. Surf. Cour. with Cut Bk. Asph. & Pr. Ct. of Ref. Tar	2243 S.Y.
RECORD PLANS		
MATERIALS		
Parris Pit, Glover	Vt. Structural Steel Co.	
Calkins Plant, Coventry	STRUCTURAL STEEL " "	
Calkins Plant, Coventry	CABLE FOR GUARD RAIL Amer. Steel & Wire Co.	
Nadeau Plant Johnson	BRIDGE PAINT C.E. Bradley, Brattleboro, Vt.	
CEMENT Lone Star Mill - Hudson, N.Y.		
CONTRACTOR A.G. Anderson, Barre, Vt.	CONTRACT DATED May 4, 1955	
RESIDENT ENGR. A.G. Hunt	CONTRACT STARTED June 8, 1955	
INSPECTORS	CONTRACT COMPLETED Oct. 2, 1956	
RECORD PLANS A.B. MacDougal	CONTRACT ACCEPTED Oct. 2, 1956	

LENGTH OF (PART A) 250.0 FEET = 0.047 MILE
LENGTH OF (PART B) 744.8 FEET = 0.141 MILE

LENGTH OF CONTRACT 994.8 FEET = 0.188 MILE

(PART A)

BEGINNING AT A POINT APPROXIMATELY 3967.8 FEET SOUTHWEST OF THE GLOVER-BARTON TOWN LINE AND EXTENDING NORTHEASTERLY 250.0 FEET.

LENGTH OF BRIDGE 69.0 FEET
LENGTH OF ROADWAY 181.0 FEET

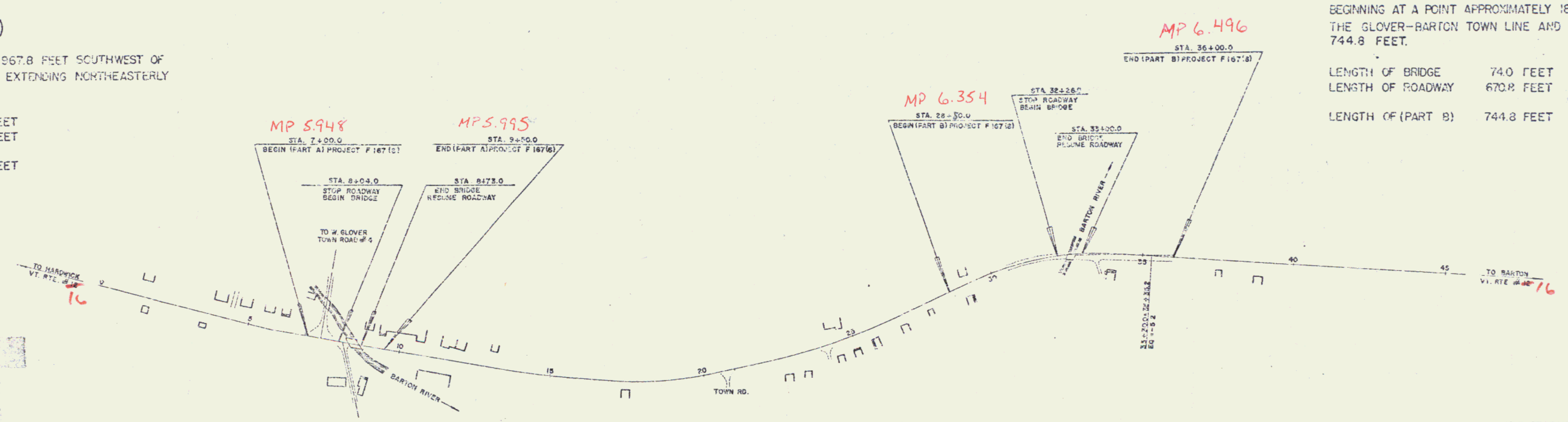
LENGTH OF (PART A) 250.0 FEET

(PART B)

BEGINNING AT A POINT APPROXIMATELY 1817.8 FEET SOUTHWEST OF THE GLOVER-BARTON TOWN LINE AND EXTENDING NORTHEASTERLY 744.8 FEET.

LENGTH OF BRIDGE 74.0 FEET
LENGTH OF ROADWAY 670.8 FEET

LENGTH OF (PART B) 744.8 FEET



GROUND ELEVATION
GRADE ELEVATION

CURVE DATA
DEFLECTION OF 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.
POINT ON SUB-TANGENT ... P.O.S.T.

SCALES
TITLE 1" = 200'
TYPICAL 1" = 2'
PLAN 1" = 20'
PROFILE HORIZONTAL 1" = 20', VERTICAL 1" = 10'
CROSS-SECTIONS 1" = 5'

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.

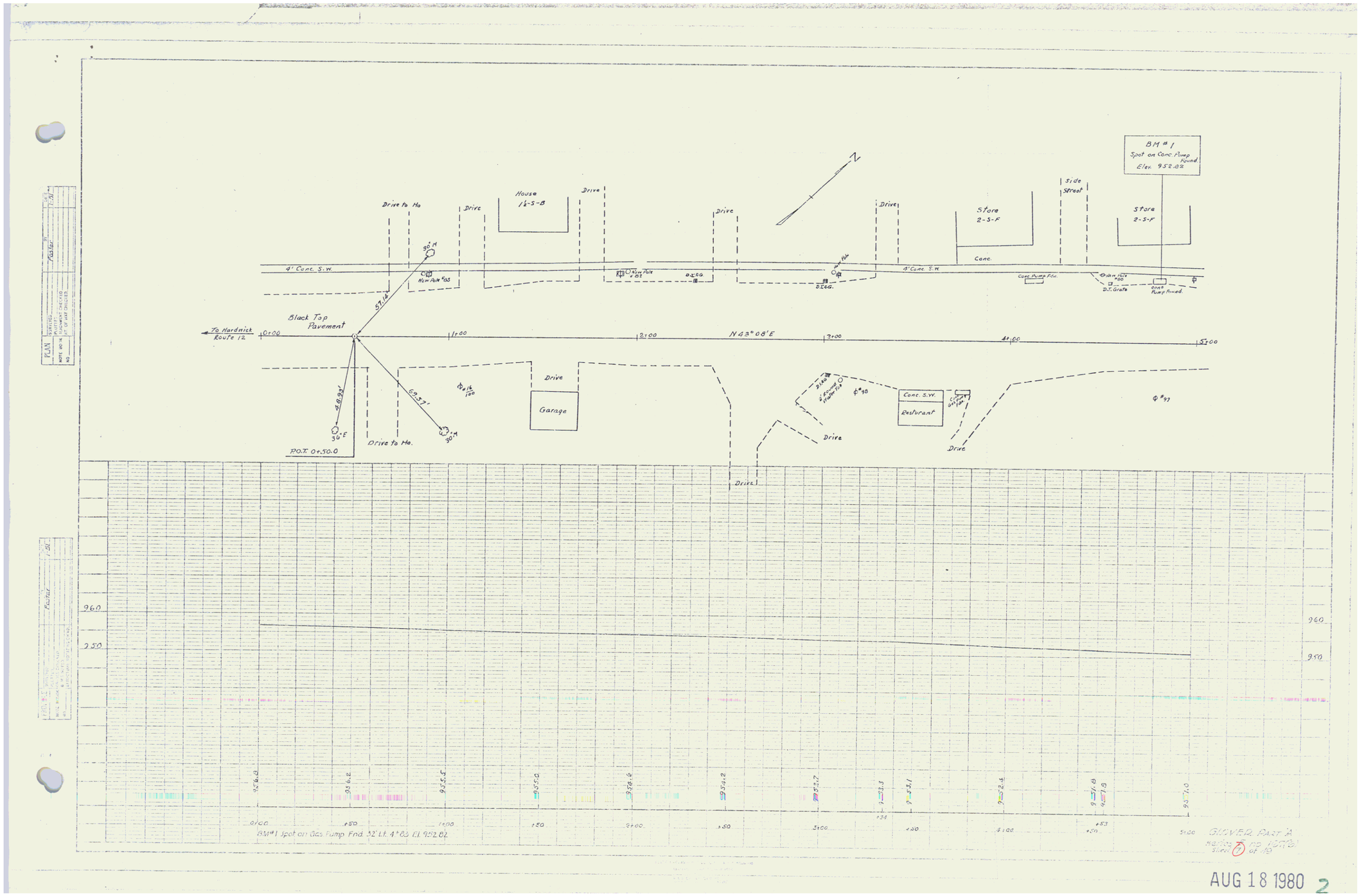
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1946, AS APPROVED JULY 26, 1946 BY THE BUREAU OF PUBLIC ROADS, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

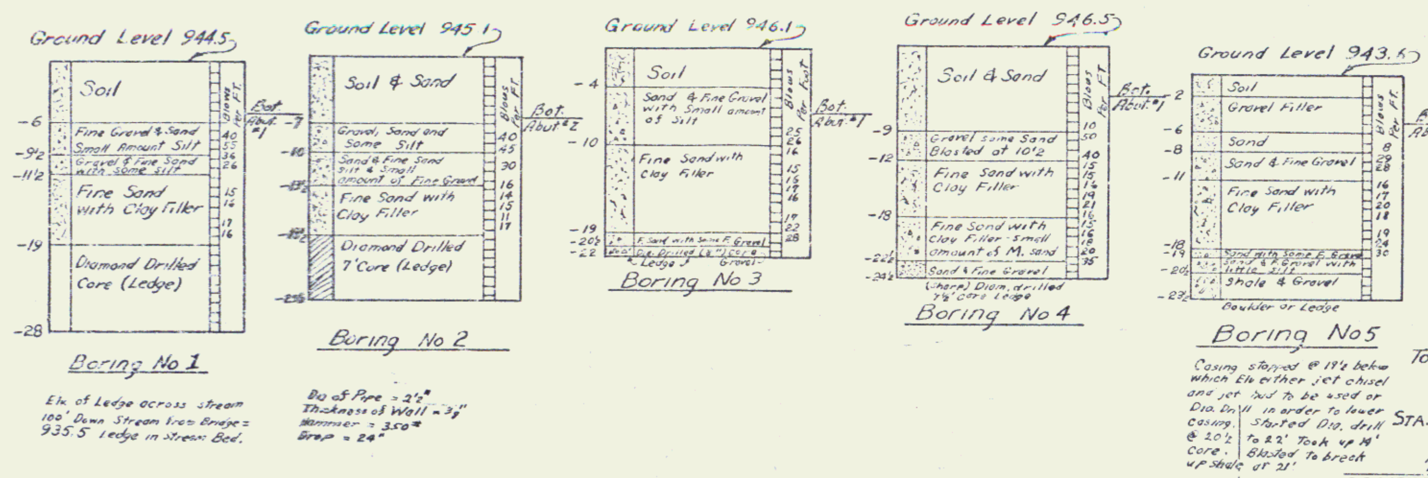
APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
DATE 1-7-1955	DATE JAN 7 1955	DATE JAN 10 1955	DATE JAN 7 1955	DATE JAN 10 1955

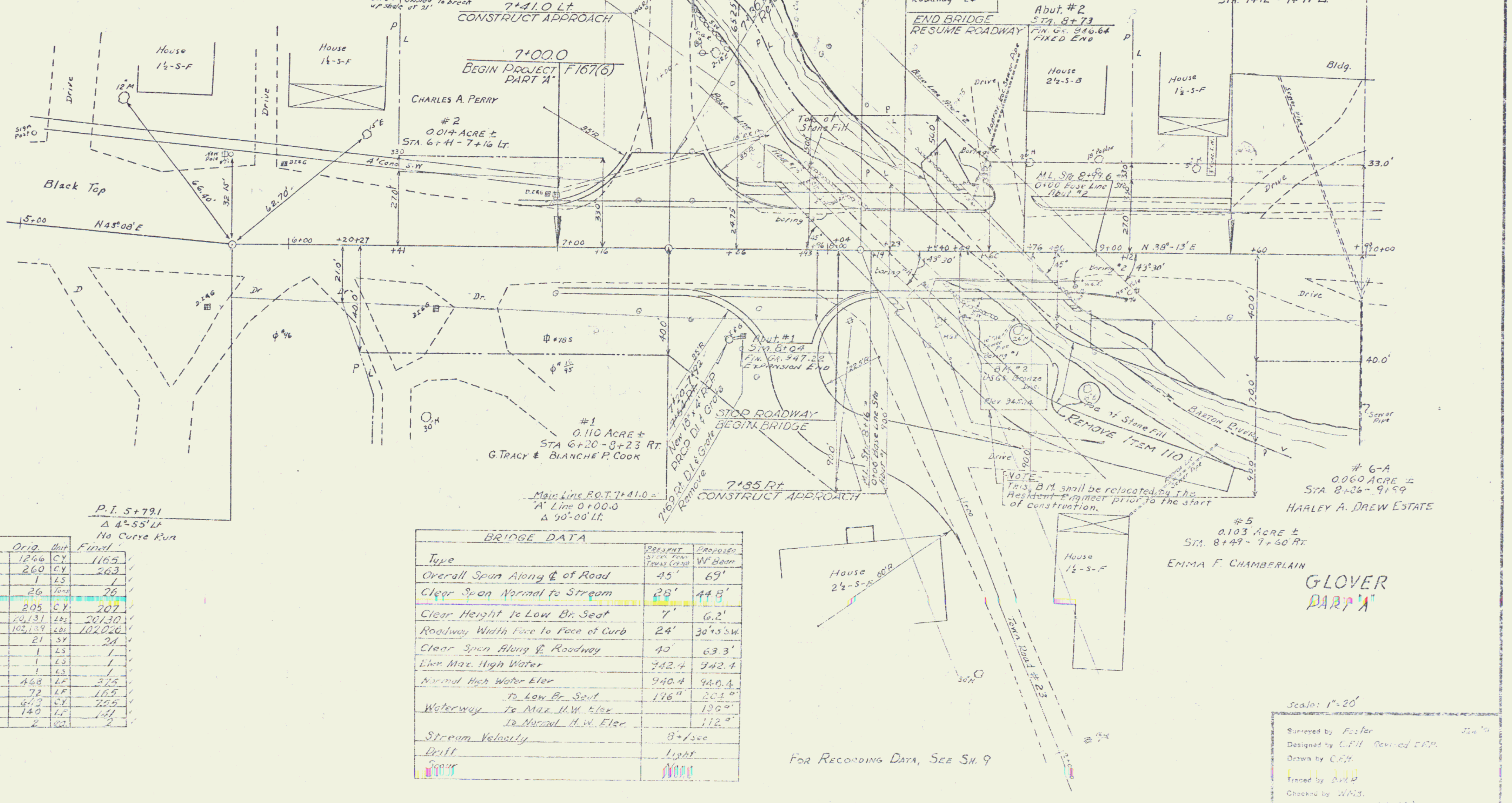
PROJECT GLOVER NO. F 167(6)
SHEET 1 OF 49 SHEETS

AUG 18 1980


BM #1
Spot on Conc. Pump Pound.
Elev. 952.82
House
1½-S-B
Drive to Ho
Drive
Store
2-S-F
Side Street
4' Conc. S.W.
Conc.
Conc Pump Fdn.
D.I. Grate
Conc Pump Found.
Black Top Pavement
To Hardwick Route 12
0+00
1+00
2+00
3+00
4+00
5+00
N 43° 08' E
57.1d
Garage
Conc. S.W.
Restaurant
Drive to Ho.
P.O.T. 0+50.0
BM#1 Spot on Gas Pump Fnd. 32' Lt. 4°83 El. 952.82
960
950
SHEET PART A
SHEET 5 OF 10 SHTS

AUG 18 1980





List of Bridge Sheets	
	Plan
	Profile
	~~Plan & Profile~~
	Preliminary Information Sheet
	Superstructure
	Details of Abutment #1
	Details of Abutment #2
	Reinforcing Steel Sheet
	Earthwork Sheet
	Std. Dwg. SB-20 (Det. C, D, F, H, J, K & L)
	Std. Dwg. SB-554
	Std. Dwg. SB-11
	Channel Sections

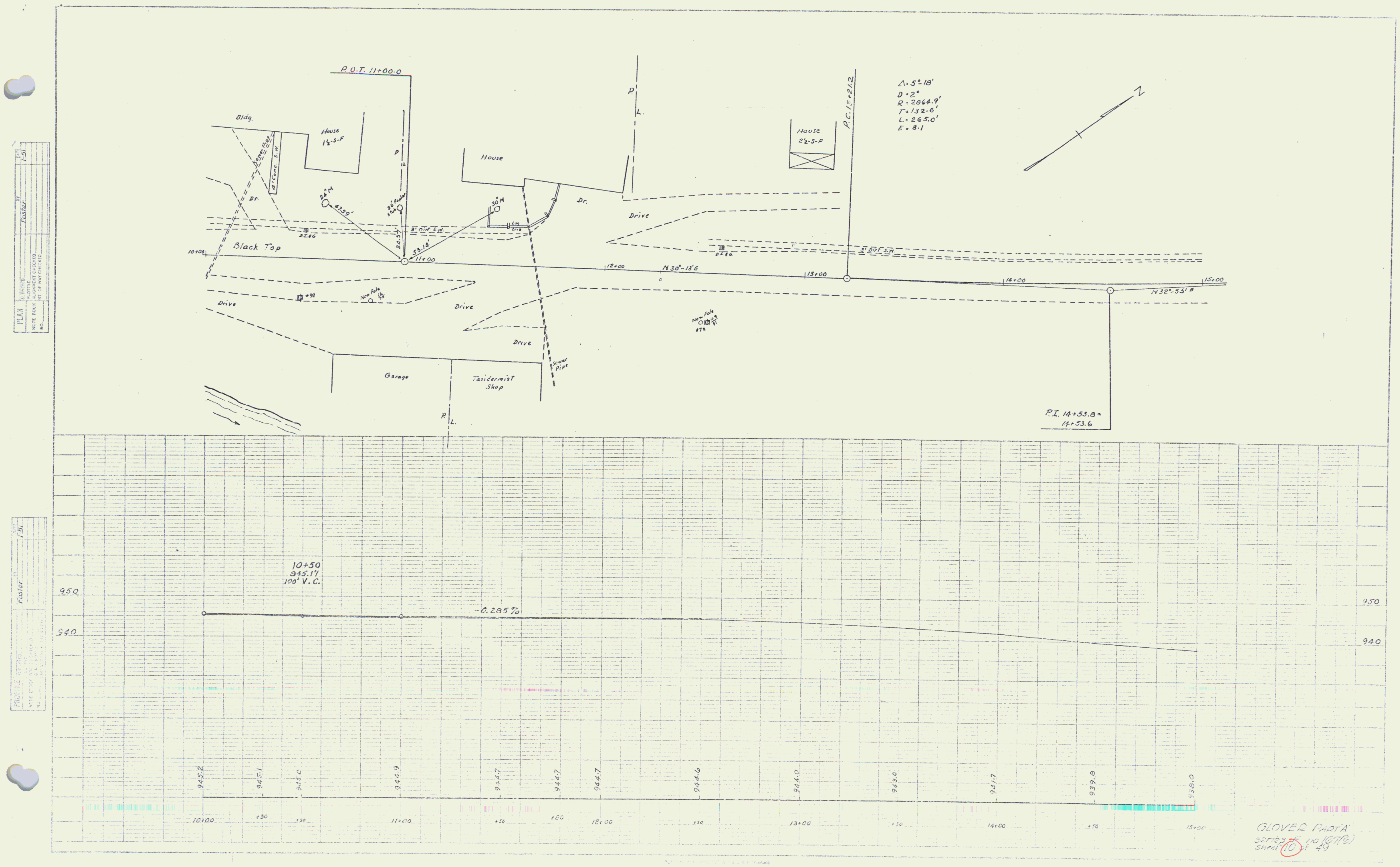
	List of Quantities	Orig.	Unit	Final
106-C	Unclassified Channel Excavation	1266	C.Y.	1165
107	Structure Excavation (mod)	260	C.Y.	263
109	Maintenance of Traffic for Bridge Projects	1	LS	1
381	Bituminous Conc. Pavement for Bridge Floors	26	Tons	26
401 B	Concrete Class B (mod)	205	C.Y.	207
402	Reinforcing Steel	20,131	Lbs	20130
403A	Structural Steel	102,129	Lbs	102026
407	Asphaltic-Asbestos Coating	21	SY	24
441	Temporary Bridge	1	LS	1
442	Removal of Present Superstructure	1	LS	1
501	Furnishing Equipment for Driving Piles	1	LS	1
504	Steel Piling	468	LF	375
504-I	Cutoffs for Steel Piling	72	LF	16.5
521	Stone Fill	643	C.Y.	755
572	Bridge Railing	140	LF	141
110	Cutting & Removing Trees	2	ea.	2

BRIDGE DATA		Present	Proposed
Type		Steel Pony Truss (1938)	WF Beam
Overall Span Along ℄ of Road		45'	69'
Clear Span Normal to Stream		28'	44.8'
Clear Height to Low Br. Seat		7'	6.2'
Roadway Width Face to Face of Curb		24'	30'+5' S.W.
Clear Span Along ℄ Roadway		40'	63.3'
Elev. Max. High Water		942.4	942.4
Normal High Water Elev		940.4	940.4
Waterway	To Low Br. Seat	196 □'	204 □'
	To Max. H.W. Elev		190 □'
	To Normal H.W. Elev		112 □'
Stream Velocity		8'±/sec	
Drift		Light	
Scour		None	

For Recording Data, See Sh. 9

Scale: 1" = 20'

AUG 18 1980



GLOVER DARTA
Sheet 10 of 49

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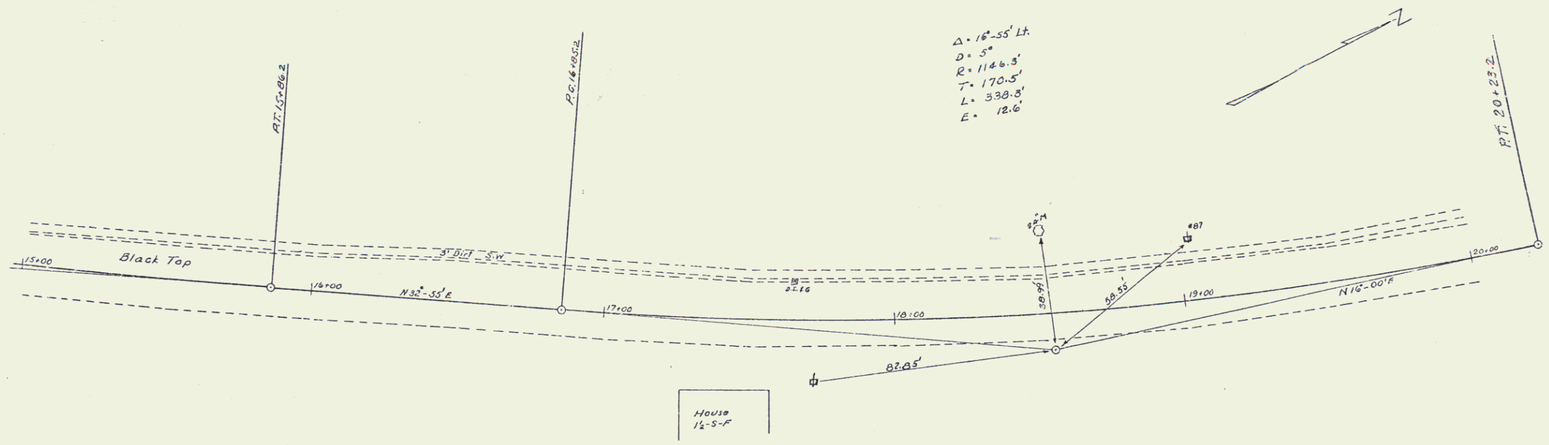

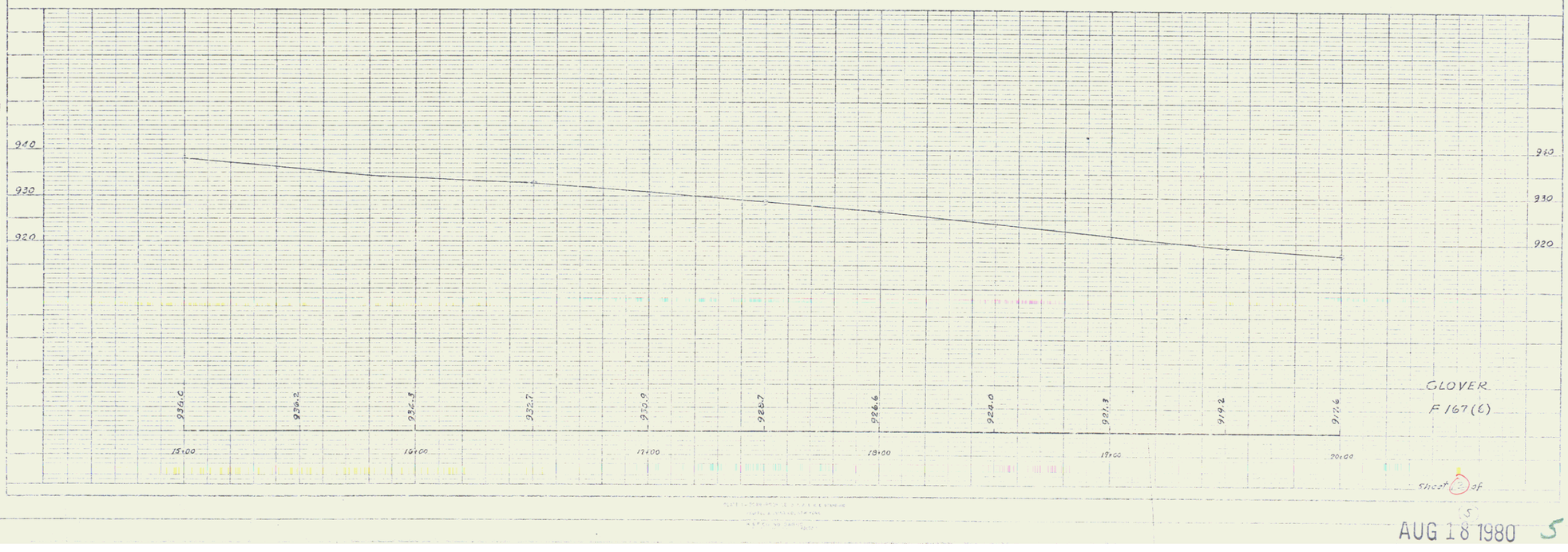

GLOVER
F 167(6)

Sheet 2 of 5

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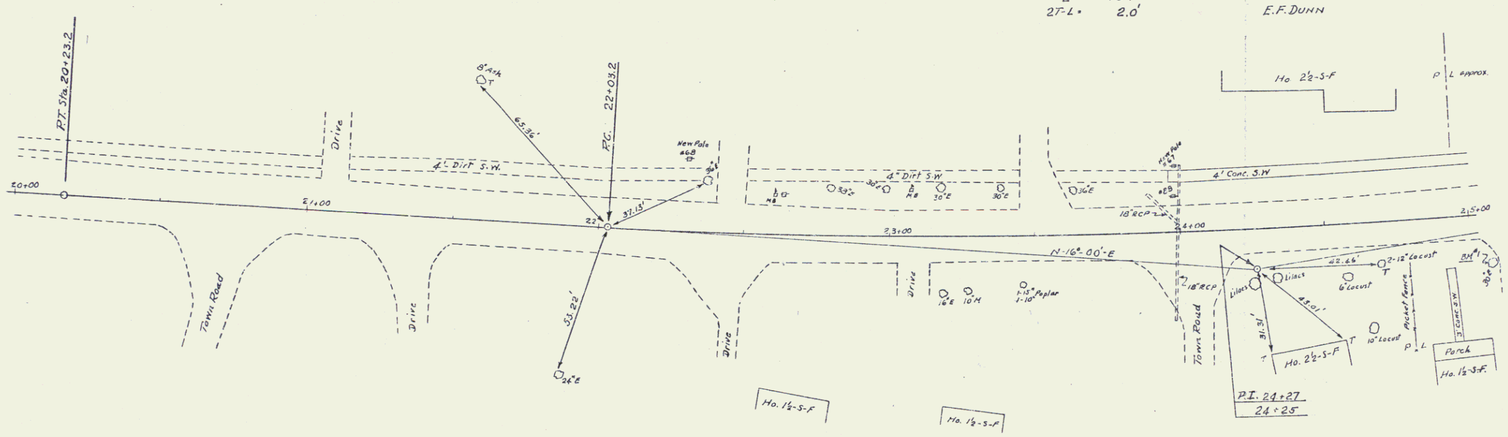
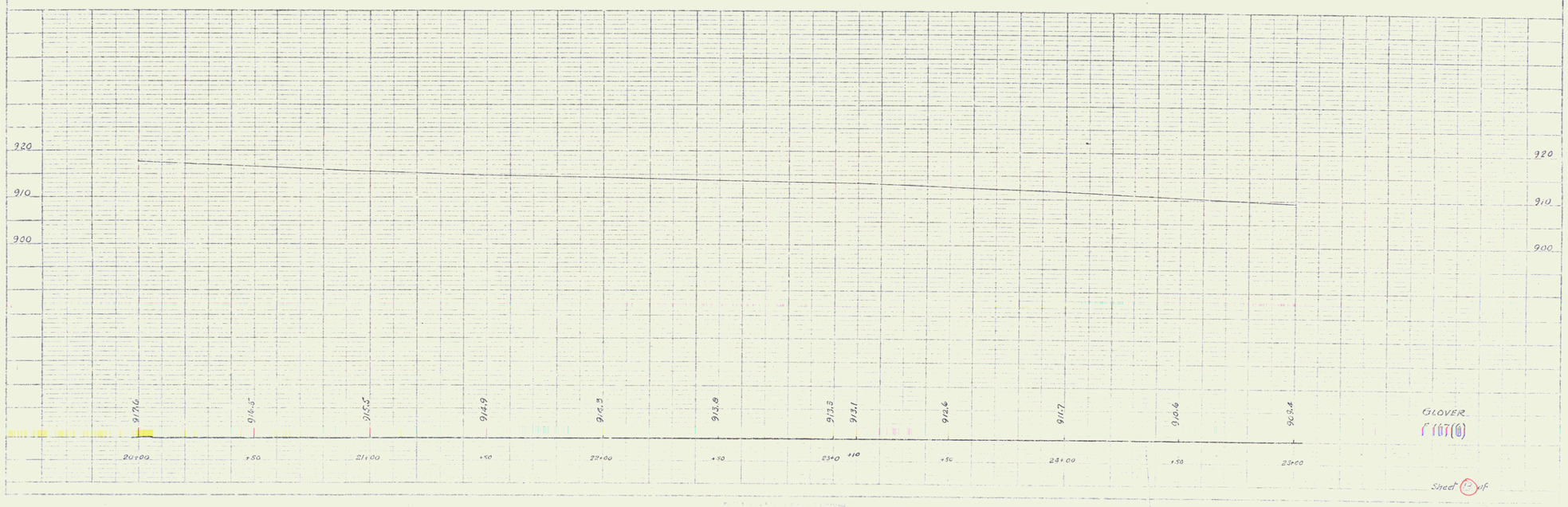
CURVE

Δ = 13°-22' Lt.
D = 3°
R = 1910.1'
T = 223.8'
L = 445.6'
E = 13.1'
2T-L = 2.0'

E.F. DUNN





GLOVER
1967(6)

Sheet 12 of

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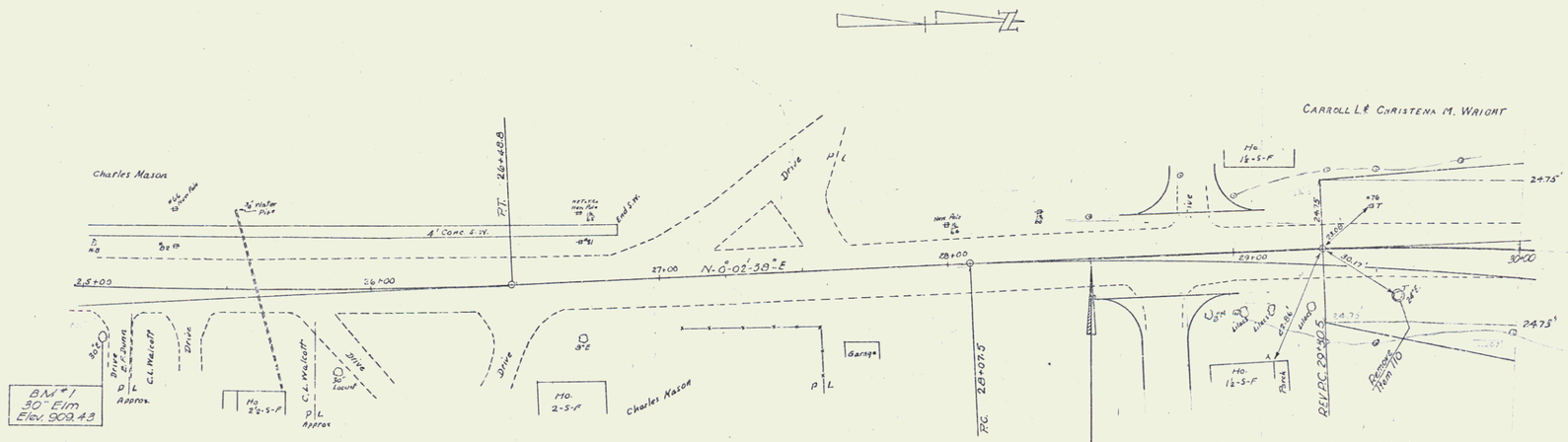
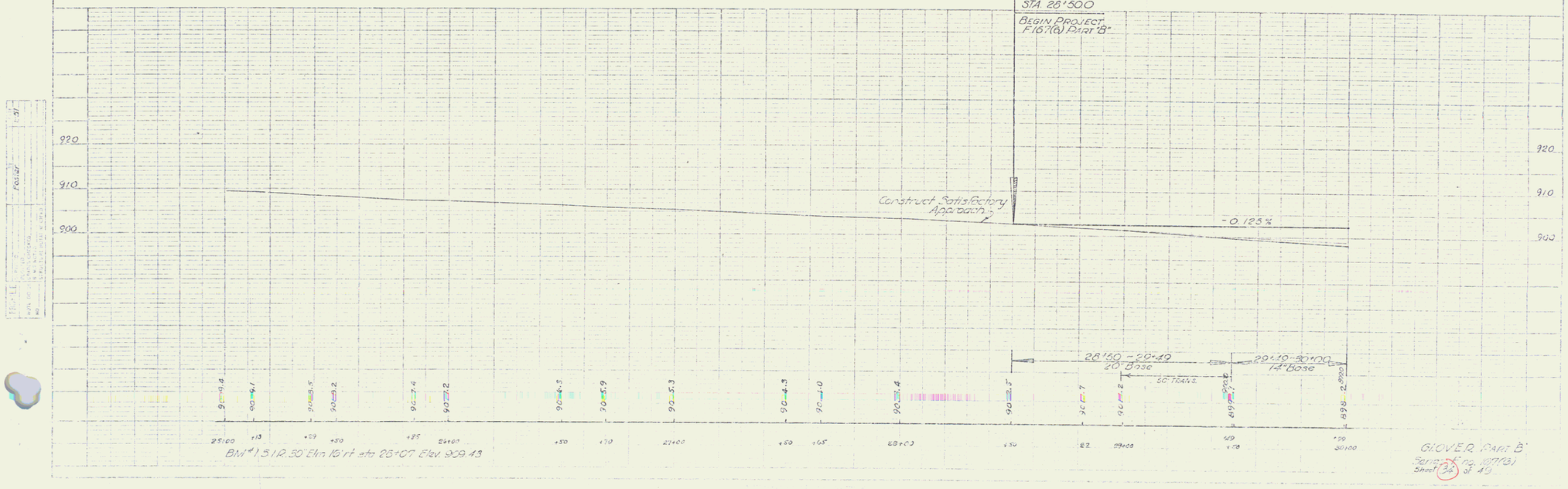
CONSTRUCT DRIVES
28+75 Rt.
28+97 Lt.



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED BOOK	PAGE	DATE	REMARKS
1	Q.C.D	4-25-55	CARROLL L. & CHRISTENA M. WRIGHT	ST. OF VT.	GLOVER 24	362	4-28-55	SEE ALSO SH. 35
8 A&B	W.D.O.E.	4-25-55	ALBERT J. & MARJORIE M. BAILEY	ST. OF VT.	GLOVER 24	368-69	5-18-55	SEE ALSO SH. 35

STA. 28+50.0
BEGIN PROJECT
F 167(6) PART "B"



GLOVER PART B
Job F 016(6)
Sheet 36 OF 49

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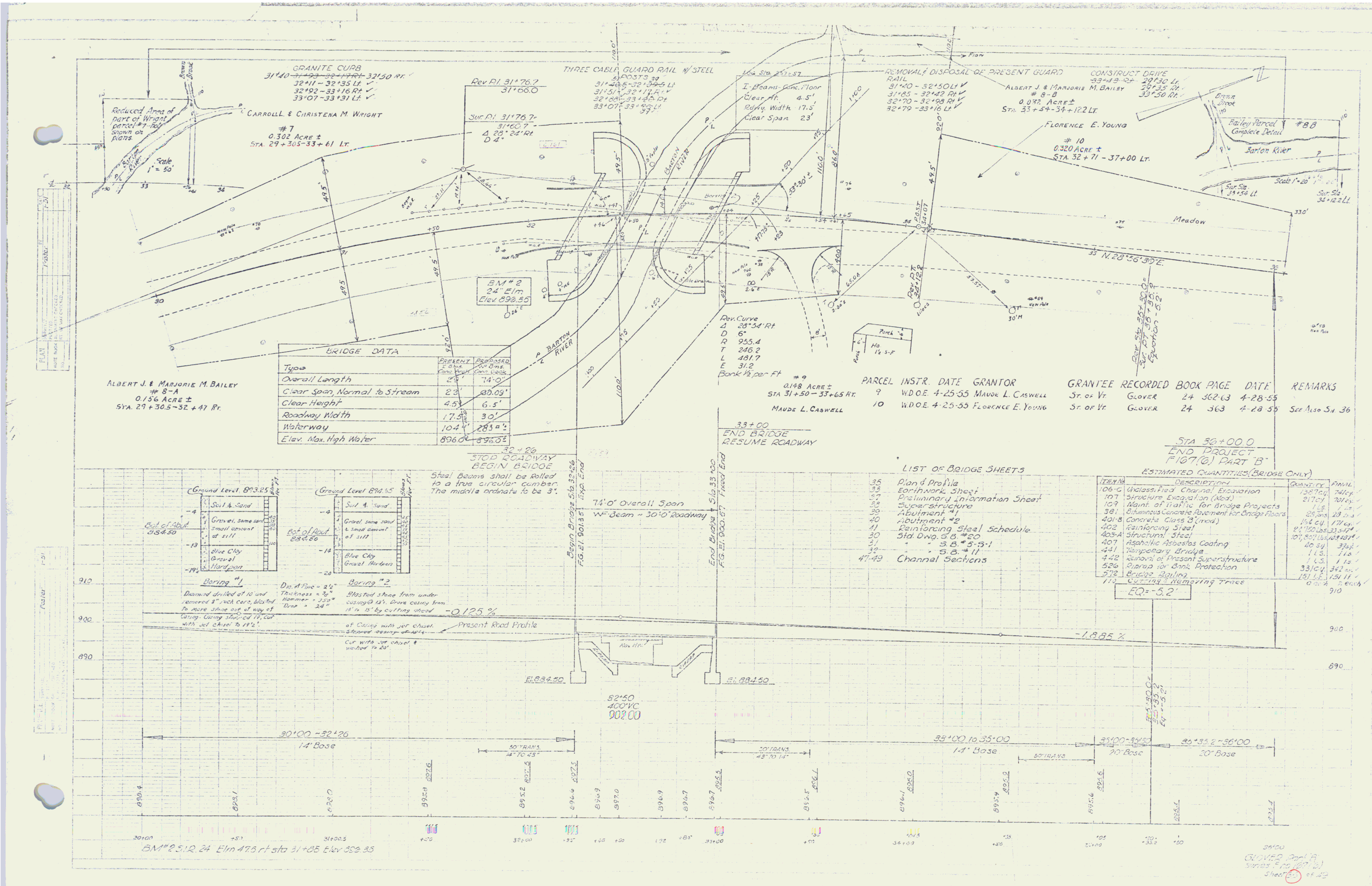

BRIDGE DATA	PRESENT	PROPOSED
Type	I Bms. Conc. Arch	WF Bms. Conc. Deck
Overall Length	29'	74'-0"
Clear Span, Normal to Stream	23'	80.09'
Clear Height	4.5'	6.5'
Roadway Width	17.5'	30'
Waterway	104 □'	283 □' ±
Elev. Max. High Water	896.0 ±	896.0 ±

PARCEL	INSTR.	DATE	GRANTOR	GRANTEE	RECORDED	BOOK	PAGE	DATE	REMARKS
9	W.D.O.E.	4-25-55	Maude L. Caswell	St. of Vt.	Glover	24	362-63	4-28-55	
10	W.D.O.E.	4-25-55	Florence E. Young	St. of Vt.	Glover	24	363	4-28-55	See Also Sh. 36

LIST OF BRIDGE SHEETS

35	Plan & Profile
36	Earthwork Sheet
37	Preliminary Information Sheet
38	Superstructure
39	Abutment #1
40	Abutment #2
41	Reinforcing Steel Schedule
30	Std. Dwg. S.B. #20
31	" " S.B. #5-S-1
32	" " S.B. #11
47-49	Channel Sections

ESTIMATED QUANTITIES (BRIDGE ONLY)

ITEM No.	DESCRIPTION	QUANTITY	FINAL
106-C	Unclassified Channel Excavation	1387 c.y.	741 c.y.
107	Structure Excavation (Mod.)	217 c.y.	701 c.y.
109	Maint. of Traffic for Bridge Projects	1 L.S.	1 L.S.
381	Bituminous Concrete Pavement for Bridge Floors	25 Tons	28 Tons
401-B	Concrete Class "B" (mod.)	156 c.y.	171 c.y.
402	Reinforcing Steel	24,750 lbs.	33,547#
403-A	Structural Steel	107,807 lbs.	108,487#
407	Asphaltic Asbestos Coating	40 s.y.	39 s.y.
441	Temporary Bridge	1 L.S.	1 L.S.
442	Removal of Present Superstructure	1 L.S.	1 L.S.
526	Riprap for Bank Protection	331 c.y.	342 c.y.
572	Bridge Railing	151 L.F.	151 L.F.
110	Cutting & Removing Trees	0 each	2 each

AUG 18 1980

8

Florence E. Young

Meadow

Roy Young

Meadow

POT 22+00

N.28°56'30"E

Cultivated Land
Roy Young

BM #3
30 Elm
Elev 892.98

Construct Satisfactory Approach

AUG 18 1980

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