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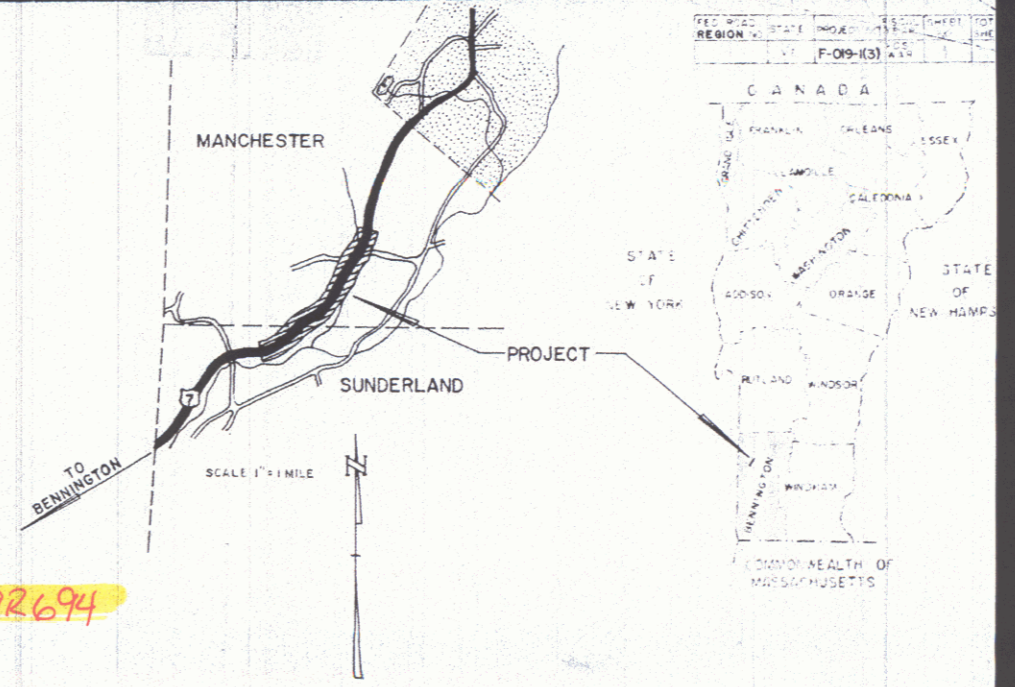
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6-7	EARTHWORK SHEETS.
8-16	PLAN AND PROFILE.
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19-20	DETAILS OF 7'-3" X 5'-3" X 90' C.G.M.P.P. ARCH 97+71.0.
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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

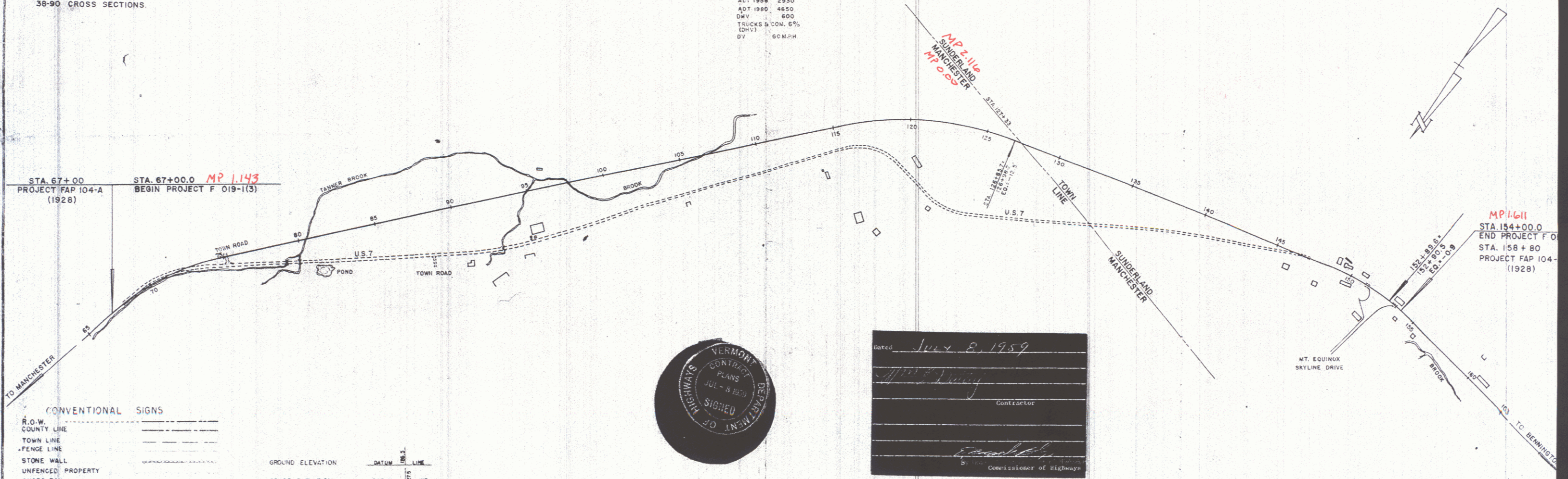
PROPOSED IMPROVEMENT
FEDERAL PROJECT

TOWNS OF MANCHESTER-SUNDERLAND
COUNTY OF BENNINGTON

U.S. ROUTE 7 **VT 97A**
RUTLAND TO BENNINGTON ROAD
BEGINNING AT A POINT ON U.S. ROUTE 7, APPROXIMATELY 1.24 MILES
NORTHEASTERLY OF THE MANCHESTER-SUNDERLAND TOWN LINE AND
EXTENDING SOUTHWESTERLY 8,686.6 FEET.
LENGTH OF PROJECT — 8,686.6 FEET = 1.645 MILES.



ACT 1958 2930
ADT 1980 4850
DIV 800
TRUCKS & CON. 6%
(DIV) 100
GV C.M.P.H



CONVENTIONAL SIGNS

R.O.W.	--- ---
COUNTY LINE	--- ---
TOWN LINE	--- ---
FENCE LINE	--- ---
STONE WALL	--- ---
UNFENCED PROPERTY	--- ---
GUARD RAIL	--- ---
TRAVELED WAY	--- ---
RAILROAD	--- ---
RETAINING WALL	--- ---
CENTER LINE	--- ---
SURVEY LINE	--- ---
CULVERT	--- ---
DROP INLET	--- ---
TROLLEY POLE	--- ---
POWER POLE	--- ---
TELEPHONE POLE	--- ---
TREES	--- ---
HEDGE	--- ---

GROUND ELEVATION	DATUM	LINE
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" = 300'
TYPICAL	1" = 2.5'
PLAN	1" = 50'
PROFILE	1" = 10'
HORIZONTAL	1" = 50'
VERTICAL	1" = 10'
CROSS-SECTIONS	1" = 5'



Dated July 8, 1959
Contractor
Commissioner of Highways

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 SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION OF JANUARY 1956 SUBMITTED TO THE BUREAU OF PUBLIC ROADS AS APPROVED JULY 6, 1956, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED SECONDARY ENGINEER DATE	APPROVED CONSTRUCTION ENGINEER DATE June 4, 1959	APPROVED BRIDGE ENGINEER DATE	APPROVED DISTRICT ENGINEER DATE June 7, 1959	APPROVED SIGNATURE ENGINEER DATE March 13, 1959	APPROVED DATE June 4, 1959
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DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER

PROJECT F 019-1(3)

SHEET 1 OF 90 SHEETS

EXCAVATION AND REMOVAL OF EXISTING CEMENT CONCRETE PAVEMENT
67+00 - 68+00

STONE FILL FOR SLOPE PROTECTION
65+15 - 65+50 Rt.
65+70 - 72+10 Rt.

CONSTRUCT DRIVES STEEL GUIDE POSTS
7+50 ft (Appr 75+08 Lt) 75+06 Lt. 15' Side Road 6
7+45 Lt.
73+90 Lt.

#2 ERNEST J. & MATHA HARD AND
ARTHUR W. HARD & JESSE B. HARD
(A.O. 421) STA. 66+00 - 71+00
COND. 6/9/59
RECORDED MANCHESTER
BK. 52, PG. 378-82 6/9/59

#3 JOSEPH F. & MARIE F. NOVOTNY
(A.O. 421) STA. 71+00 - 74+82
COND. 6/9/59
RECORDED MANCHESTER
BK. 52, PG. 378-82 6/9/59

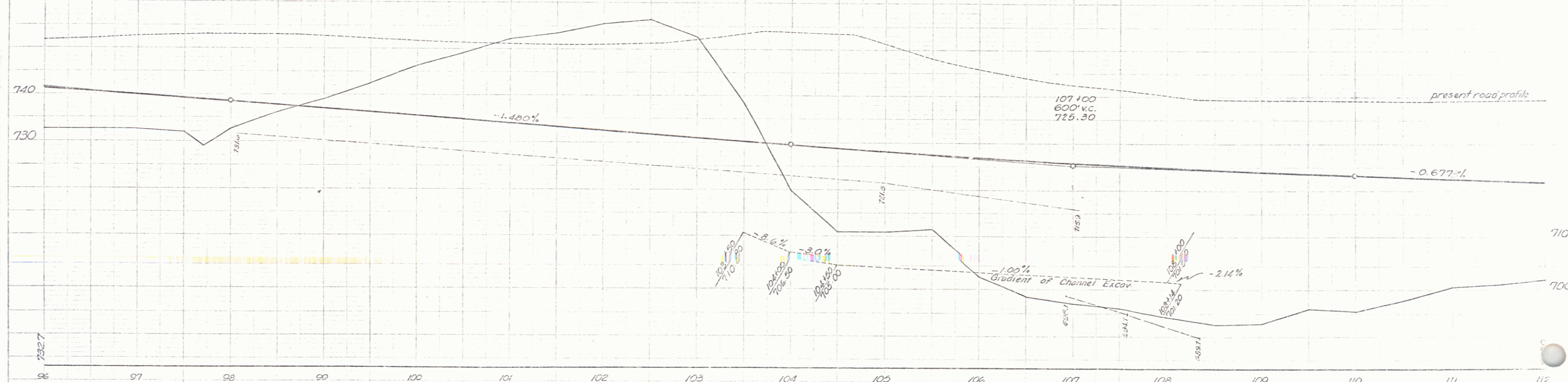
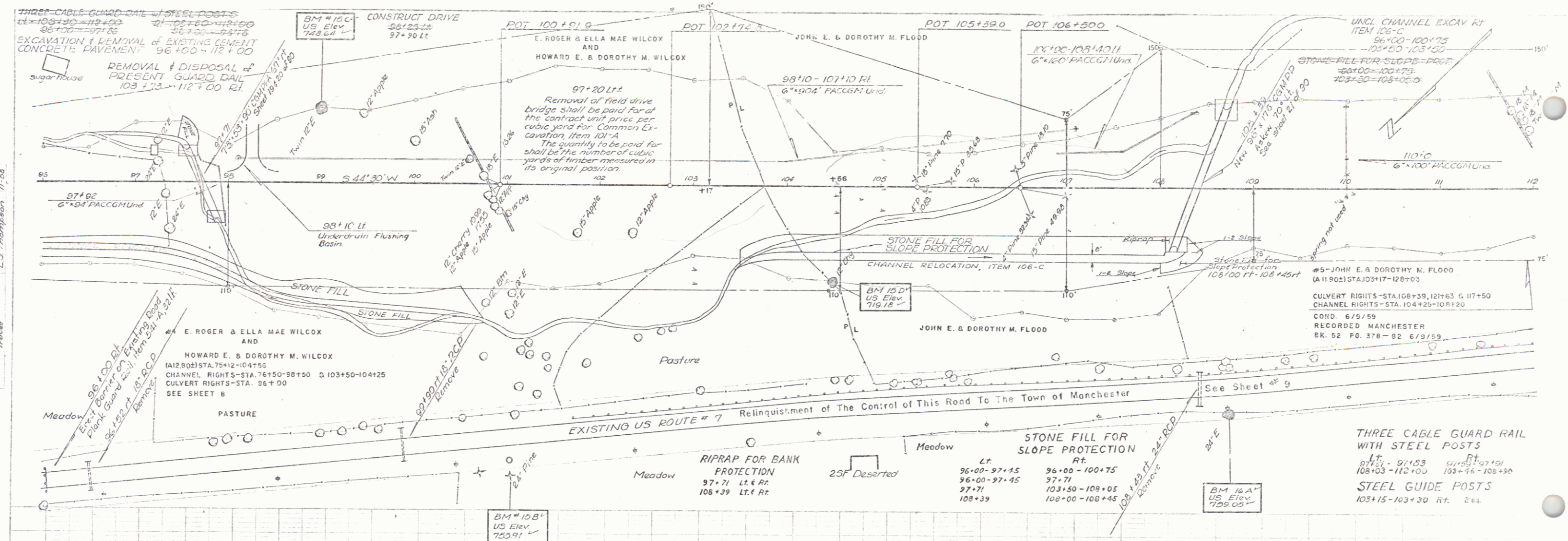
#4 E. ROGER & ELLA MAE WILCOX AND
HOWARD E. & DOROTHY M. WILCOX
(A.O. 421) STA. 72+12 - 104+56.3
CHANNEL RIGHTS STA. 76+50 - 98+50.8
103+50 - 104+25
CULVERT RIGHTS STA. 96+00
COND. 6/9/59
RECORDED MANCHESTER
BK. 52 PG. 378 - 82 6/9/59

#1 GUNTHER & HELEN KLOSE
(A.O. 385) STA. 64+50 - 74+00
CHANNEL RIGHTS - STA. 65+50 - 73+00
COND. 6/9/59
RECORDED MANCHESTER
BK. 52 PG. 378 - 82 6/9/59

$\Delta 28^{\circ}50'$
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R 1432.7'
T 365.3'
L 720.8'
E 46.6'
Bank 1 1/2' per ft

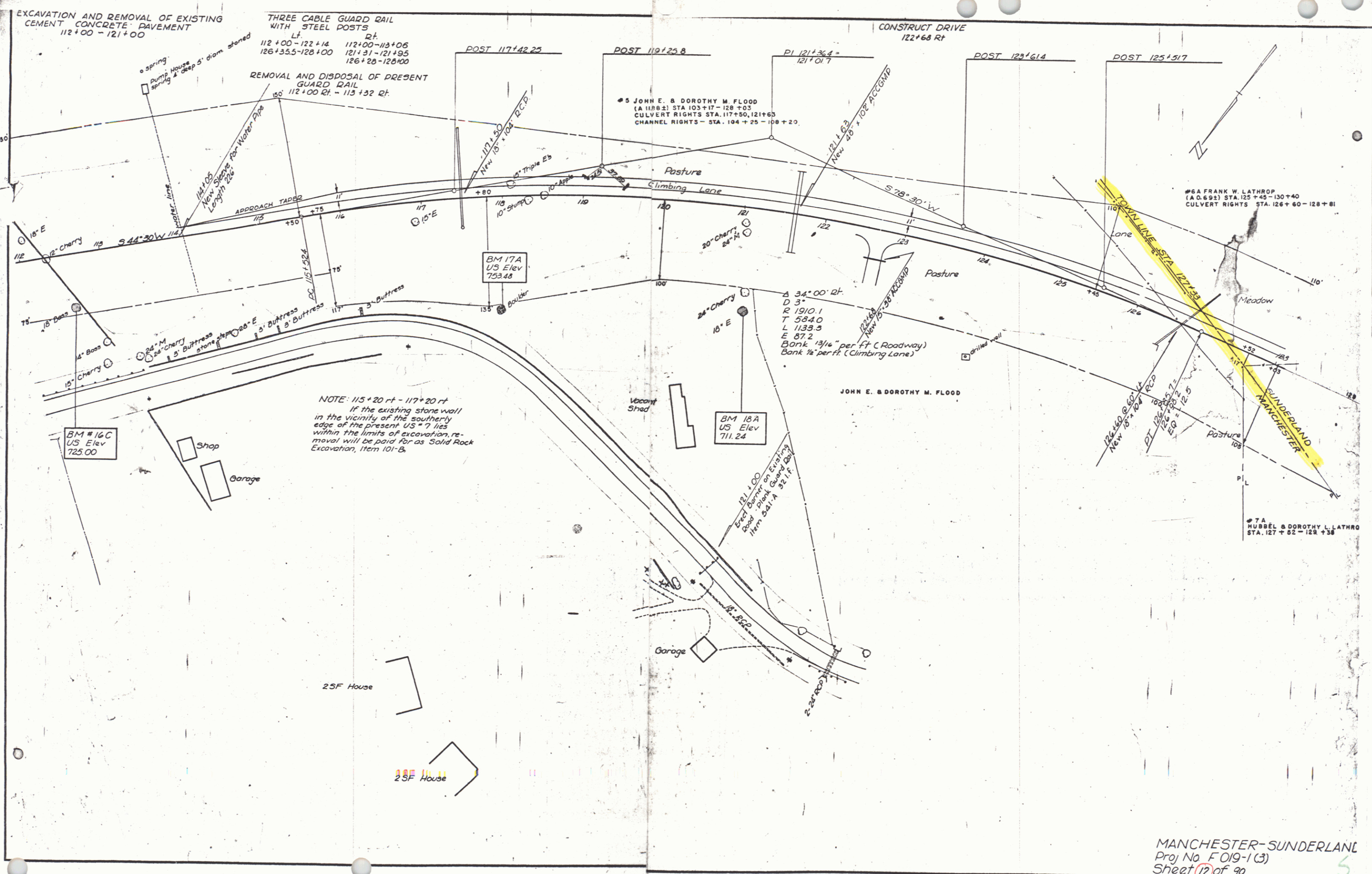
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 10-124
 11-124
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 11-127
 12-127
 1-128
 2-128

9-28
DeLano
Thompson
L. J. Thompson 11-56
Sheet



MANCHESTER - SUNDERLAND
 Proj. No. F019-1(3)
 Sheet 11 of 90

4



EXCAVATION AND REMOVAL OF EXISTING CEMENT CONCRETE PAVEMENT 112+00 - 121+00

THREE CABLE GUARD RAIL WITH STEEL POSTS
 112+00-122+14
 121+31-121+95
 126+26-126+00

REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL 112+00 RT. - 113+32 RT.

CONSTRUCT DRIVE 122+68 RT.

POST 117+42.25

POST 119+25.8

PI 121+36.4 = 121+01.7

POST 123+61.4

POST 125+51.7

#5 JOHN E. & DOROTHY M. FLOOD
 (A 11882) STA 103+17 - 128+03
 CULVERT RIGHTS STA. 117+50, 121+63
 CHANNEL RIGHTS - STA. 104+25 - 108+20.

#6A FRANK W. LATHROP
 (A 0.692) STA. 125+45 - 130+40
 CULVERT RIGHTS STA. 126+60 - 128+81

#7A HUBBEL & DOROTHY L. LATHROP
 STA. 127+52 - 129+38

NOTE: 115+20 ft - 117+20 ft
 If the existing stone wall in the vicinity of the southerly edge of the present US #7, lies within the limits of excavation, removal will be paid for as Solid Rock Excavation, Item 101-B.

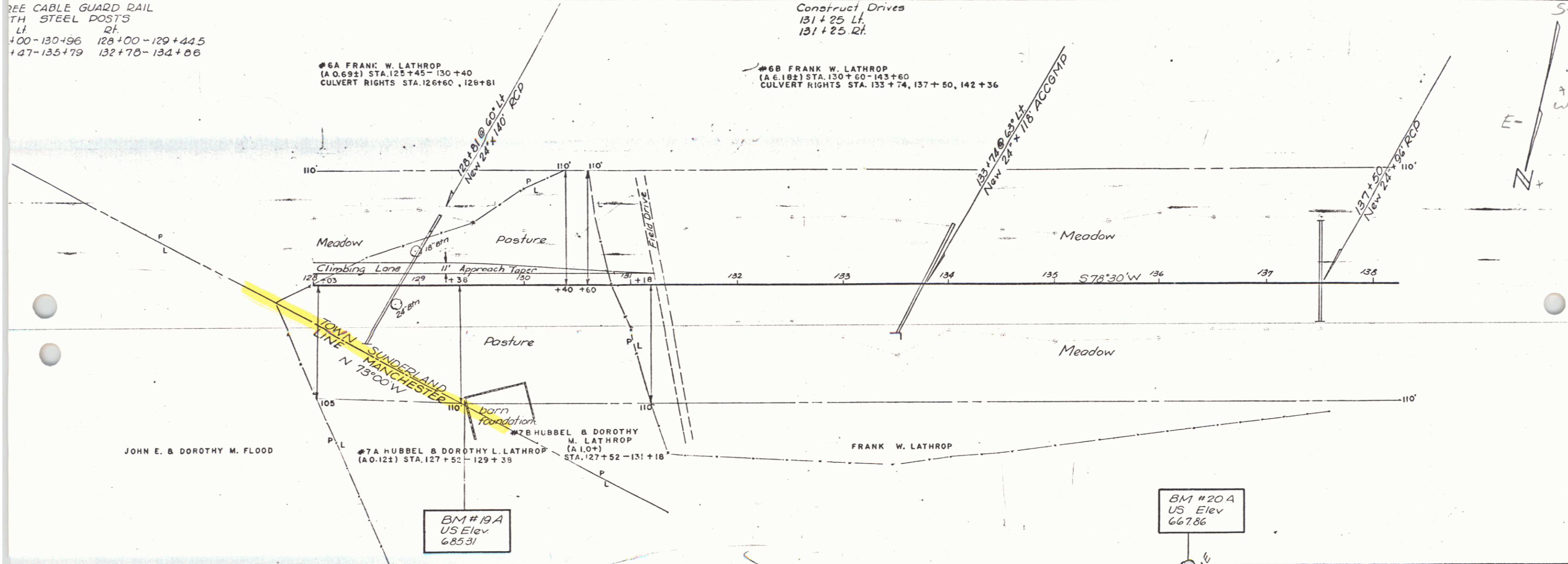
SCALE 83' = 1"

SEE CABLE GUARD RAIL
WITH STEEL POSTS
Lt. Rt.
+00-130+96 128+00-129+44.5
+47-135+79 132+78-134+06

Construct Drives
131+25 Lt.
131+25 Rt.

#6A FRANK W. LATHROP
(A.O. 69±) STA. 125+45 - 130+40
CULVERT RIGHTS STA. 126+60, 128+81

#6B FRANK W. LATHROP
(A.O. 18±) STA. 130+60 - 143+60
CULVERT RIGHTS STA. 133+74, 137+50, 142+36



JOHN E. & DOROTHY M. FLOOD

#7A HUBBEL & DOROTHY L. LATHROP
(A.O. 12±) STA. 127+52 - 129+39

#7B HUBBEL & DOROTHY
M. LATHROP
(A.O. 10±)
STA. 127+52 - 131+18

FRANK W. LATHROP

BM #19A
US Elev
685.31

BM #20A
US Elev
667.86

MANCHESTER-SUNDERLAND
F 019-1(3)

137+50
700 YE
638.26

SHEET 13 OF 90

SCALE 83' = 1"

WIRE CABLE GUARD RAIL W/ STEEL POSTS
140+74 Lt - 143+62 Lt
141+12 Rt - 142+60 Rt

EXCAVATION & REMOVAL
OF EXISTING CEMENT
CONCRETE PAVEMENT
140+00 - 154+00

FRANK W. LATHROP

SEEDING, TOPSOIL, AND
COMMERCIAL FERTILIZER
145+61 Rt - 146+59 Rt
146+72 Rt - 147+44 Rt
147+56 Rt - 150+66 Rt
150+78 Rt - 152+00 Rt
153+26 Rt - 154+24 Rt
152+60 rt Island
149+05.5 Lt - 149+50 Lt
150+39 Lt - 151+09 Lt

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL
141+45 Rt - 142+00 Rt
141+47 Rt - 142+07 Rt

CONSTRUCT APPROACH
141+00 Rt
153+00 Rt
152+15 Rt

CONSTRUCT DRIVES BIT CONC. CURB, ITEM 535
TYPE II
148+15 Rt
148+90 Lt
150+72 Rt
154+30 Rt
146+66 Rt
151+72 rt - 152+03 rt
152+60 rt Island
153+20 rt - 153+50 rt

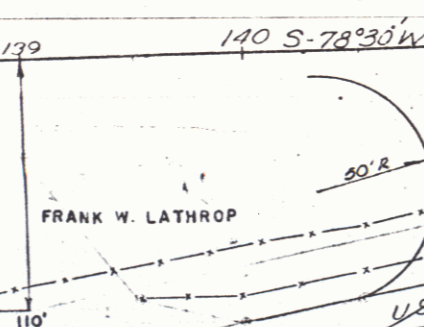
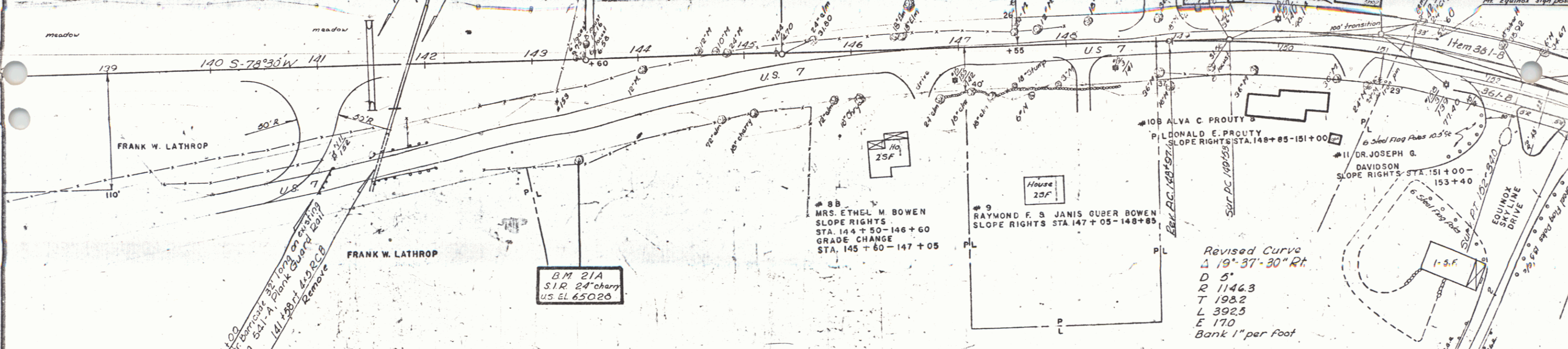
Survey
PI 150+95.9 - Δ 19° 37' 30" Rt
150+92.3 D 7°
Rev. P.I. 150+95.3
150+91.4

BM 22A
S.I.T. 24" chary
U.S. EL 653.00

8A
MRS. ETHEL M. BOWEN
(A 0.90±) STA. 143+30 - 147+55
CULVERT RIGHTS STA. 144+50

10A ALVA C. PROUTY & DONALD F. PROUTY
SLOPE RIGHTS STA. 147+50 - 149+10

DR. JOSEPH G. DAVIDSON



BM 21A
S.I.T. 24" chary
U.S. EL 650.00

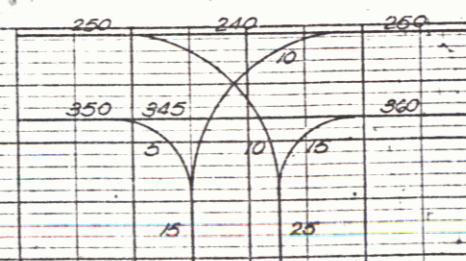
8B
MRS. ETHEL M. BOWEN
SLOPE RIGHTS
STA. 144+50 - 146+60
GRADE CHANGE
STA. 145+60 - 147+05

9
RAYMOND F. & JANIS GUBER BOWEN
SLOPE RIGHTS STA. 147+05 - 148+85

10B ALVA C. PROUTY &
DONALD F. PROUTY
SLOPE RIGHTS STA. 148+85 - 151+00

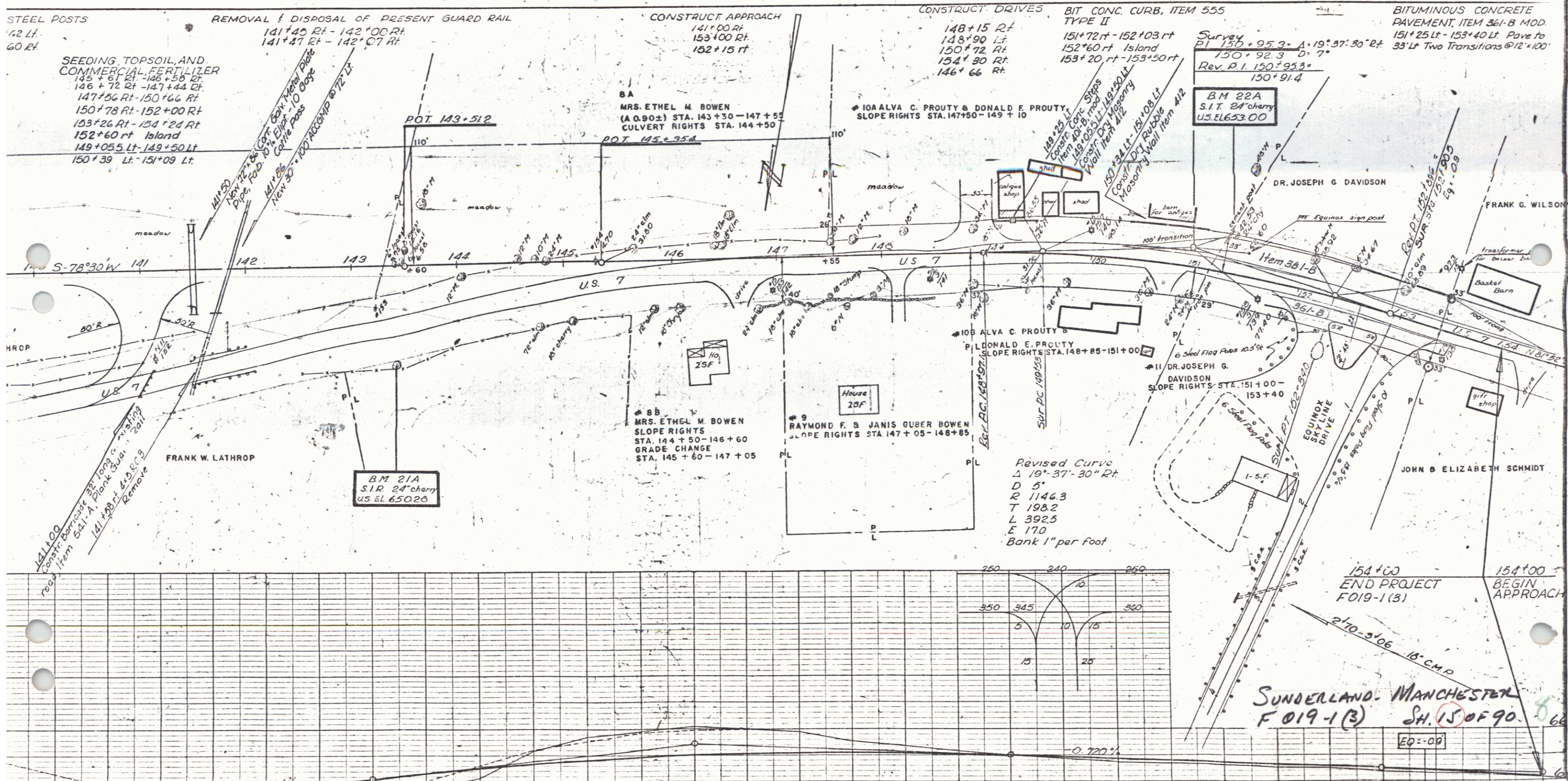
11 DR. JOSEPH G.
DAVIDSON
SLOPE RIGHTS STA. 151+00 -
153+40

Revised Curve
Δ 19° 37' 30" Rt
D 5'
R 1146.3
T 198.2
L 392.5
E 170
Bank 1" per foot



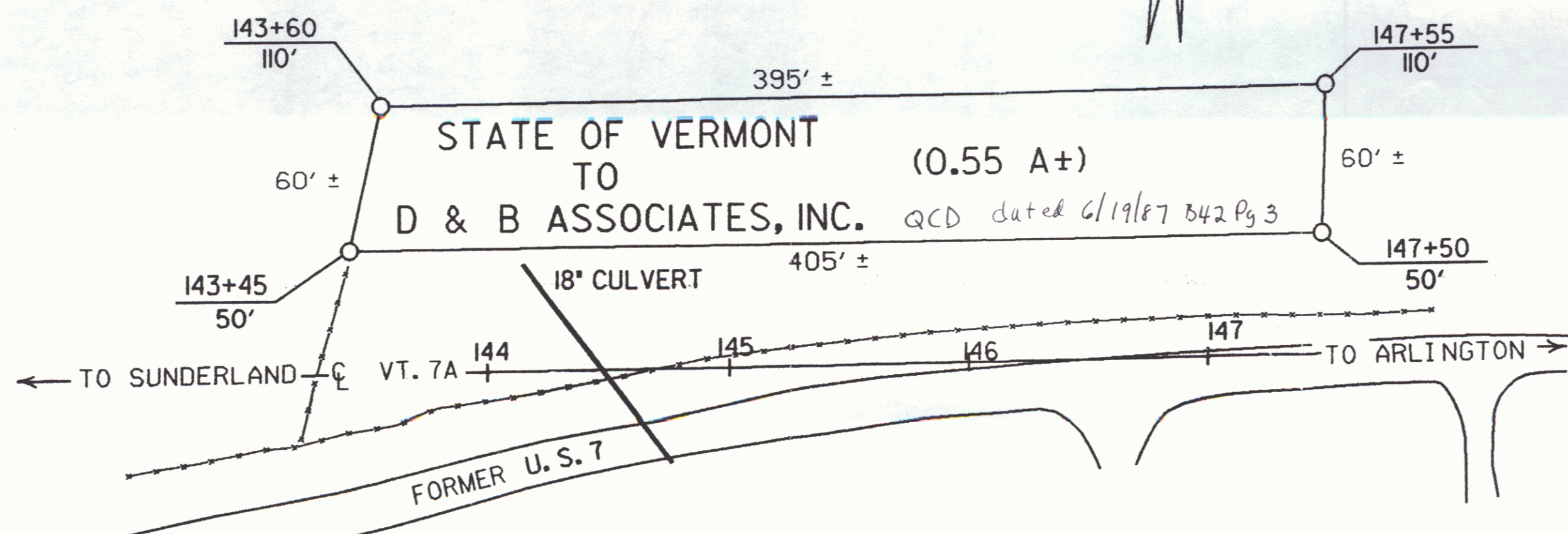
SUNDERLAND MANUFACTURE
FO19-1(3) SA. 14 OF 90

SCALE 83' = 1"



SUNDERLAND-MANCHESTER
 F 019-1(3) SH. 15 OF 90
 EQ-00

THIS IS PART OF THE SAME LAND CONVEYED TO THE STATE OF VERMONT BY WARRANTY DEED OF EASEMENT FROM ETHEL M. BOWEN DATED JULY 30, 1959 AND RECORDED AUGUST 5, 1959, IN BOOK 30, PAGES 4, 5, & 6 OF THE SUNDERLAND LAND RECORDS



RIGHT-OF-WAY DIVISION
TOWN FILE

PERPETUAL

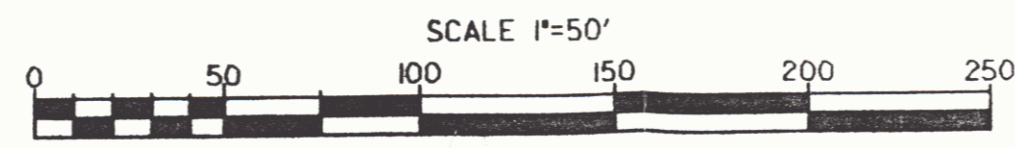
Town of Sunderland
VT. 7A
(To Be Returned To R.O.W. Division)
mm 1.878

RF: SUNDERLAND-MANCHESTER F 019-1(3)
SHEET 15 OF 90

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF SUNDERLAND

APPROX. SCALE P = 50' DATE 6-8-87 DRAWN BY M.J.R.

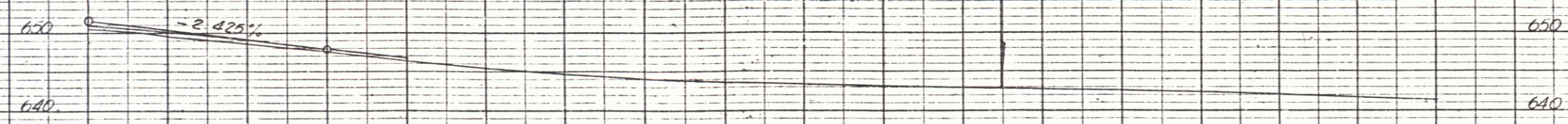
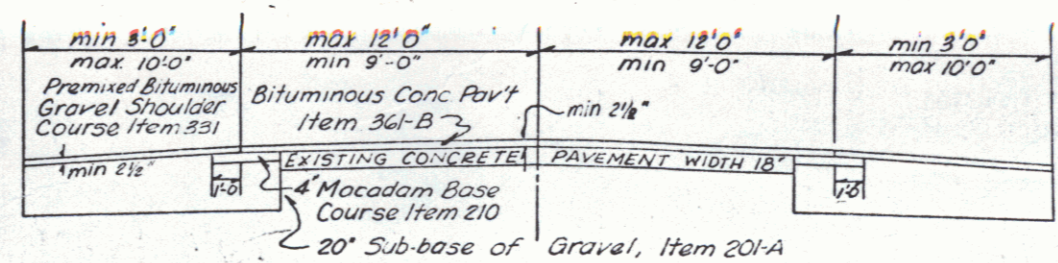
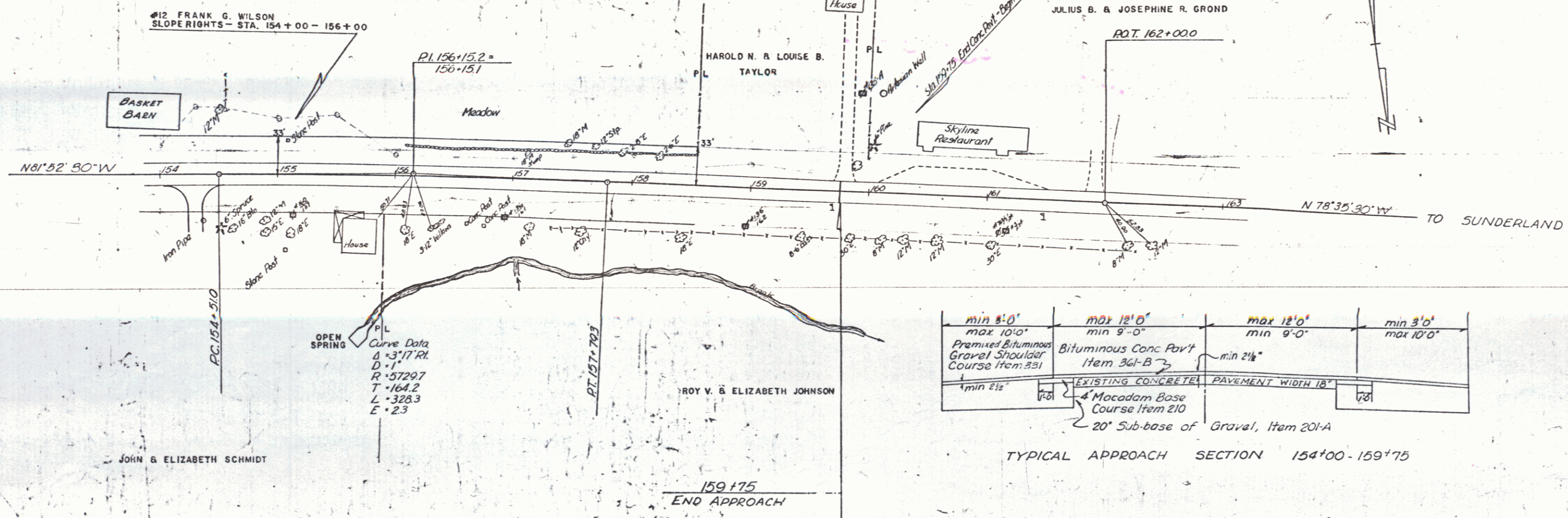


(To Be Returned To H.O.W. Division)

US7
PERPETUAL
TOWN OF
COMMON FINE
RIGHT-OF-WAY DIVISION
M.P. 0.00 - 1.12
Sunderland
M.P. 1.50 - 2.116

SCALE 1" = 83'

SEEDING, TOPSOIL, AND COMMERCIAL FERTILIZER
154+36 - 156+50 RT.
CONSTRUCT DRIVE
154+30 RT.



SUNDERLAND - MANCHESTER
F 019-1(3) 5/16/90