FED. ROAD DIVISION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	S 53 (7)	1955	1	25

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID
SECONDARY PROJECT

TOWN OF FAIRFIELD
COUNTY OF FRANKLIN
STATE AID ROUTE 2
BRIDGE OVER FAIRFIELD RIVER

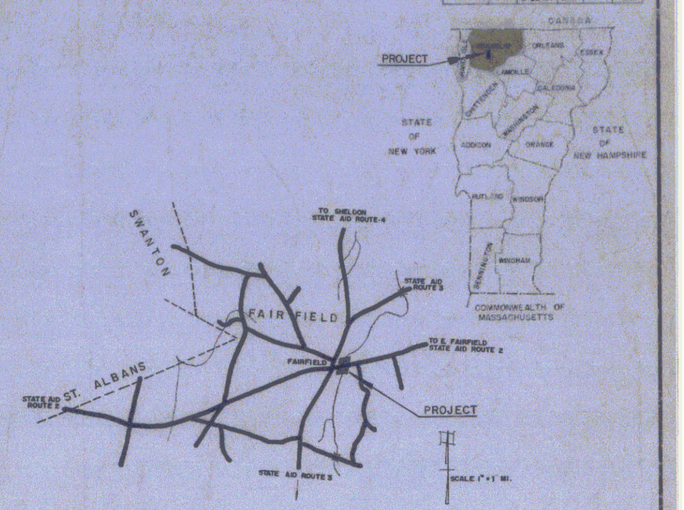
BEGINNING AT A POINT APPROXIMATELY 0.20 MI. EAST OF THE INTERSECTION OF STATE AID ROUTES 2 AND 3 AND EXTENDING 350.0 FEET EASTERLY

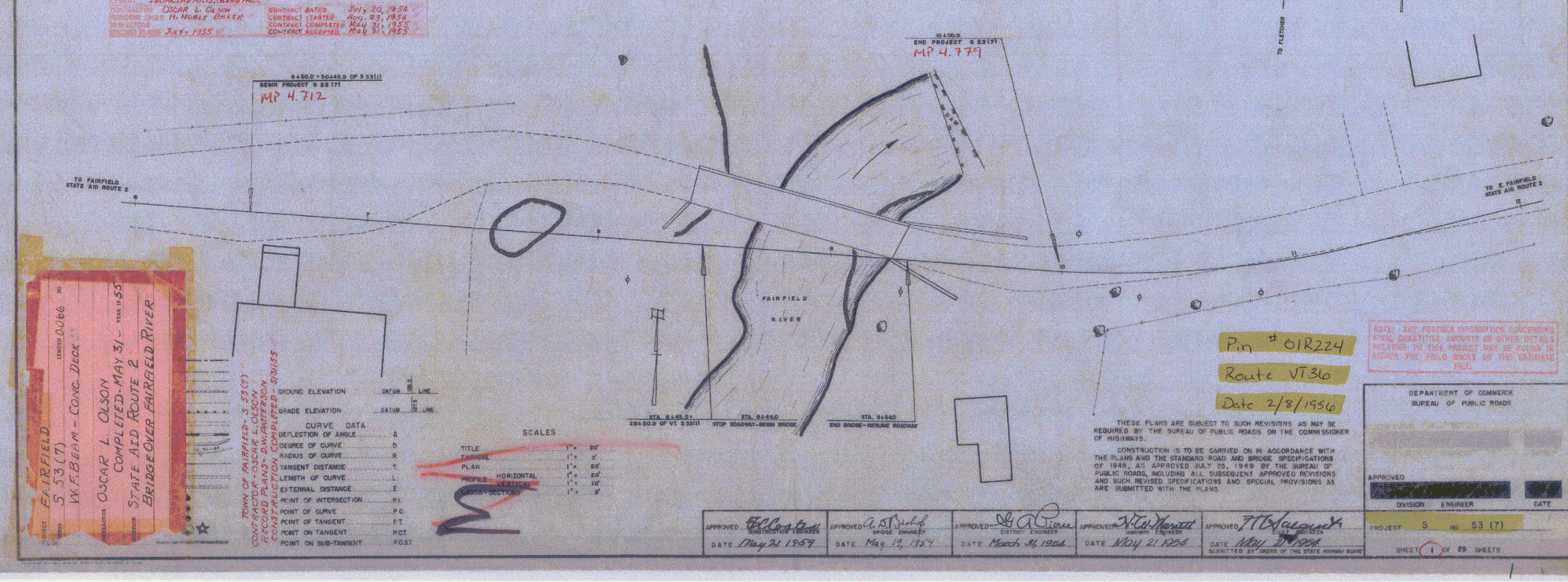
LENGTH OF ROADWAY 261.0 FEET = 0.049 MILE
LENGTH OF BRIDGE 89.0 FEET = 0.017 MILE

LENGTH OF PROJECT 350.0 FEET = 0.066 MILE

INDEX OF SHEETS

SHEET NO. 1 TITLE PAGE
2 TYPICAL CROSS-SECTION OF IMPROVEMENT SINGLE TACK COAT OF CUTBACK ASPHALT WITH CRUSHED PEA STONE, ITEM 314
3 QUANTITY SHEET (ITEMS)
4 EARTHWORK SHEET (ROADWAY)
5 PRELIMINARY INFORMATION SHEET
6-7 PLAN AND PROFILE SHEET SHEETS
8 DETAILS OF SUPERSTRUCTURE
9 DETAILS OF ABUTMENT NO. 1
10 DETAILS OF ABUTMENT NO. 2
11 DETAILS OF REINFORCING STEEL
12 STANDARD BRIDGE SHEET SB-55-1 (BRIDGE RAILING DETAILS)
13 STANDARD BRIDGE SHEET SB-20 (DETAILS C,D,E,H,J,K AND L)
14 STANDARD STRUCTURE SHEET SB-11 (BARRICADES, SIGNS AND LIGHTS)
15 STANDARD STRUCTURE SHEET S 46-46 (THREE CABLE GUARD RAIL)
16 CONSTRUCTION DETAILS (CD) DRAINAGE AND MARKERS
17 CONSTRUCTION DETAILS (CD-1) DITCHES
18-22 CROSS SECTIONS
23-25 CHANNEL SECTIONS





Pin # 01R224
Route VT36
Date 2/8/1956

NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, AMOUNTS OR OTHER DETAILS RELATIVE TO THIS PROJECT MAY BE FOUND IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

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 1948, AS APPROVED JULY 25, 1949 BY THE BUREAU OF PUBLIC ROADS, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

PROJECT NAME & NUMBER: FAIRFIELD - S-53(7)
TYPE: RECORD PLANS
PAVEMENT BREAK: STA.
SUB-BASE OF GRAVEL: LAMBERT PIT
BASE OF GRAVEL
ICE SAND-GRAVEL
MULCHED HAY
CUTBACK ASPHALT
SAND (GRAV. CR.)
MASTIC TOP SEAL
CEMENT: IRONCLAD MILLS, GLENS FALLS
CONTRACTOR: OSCAR L. OLSON
RESIDENT ENGR.: H. NOBLE BAKER
INSPECTOR:
PLANS: JULY, 1955
REINF. STEEL: VT. STR. STEEL CO.
STRUCTURAL STEEL: VT. STR. STEEL CO.
PIPE:
CULVERTS: N.E. METAL CULV. CO.
CABLE FOR GUARD RAIL: AM. STEELWIRE CO. & BETHLEHEM STEEL CO.
GUARD RAIL POST: C.E. DRAPER, BARRE, VT.
CONTRACT DATED: July 20, 1954
CONTRACT STARTED: Aug. 23, 1954
CONTRACT COMPLETED: May 31, 1955
CONTRACT ACCEPTED: May 31, 1955

FAIRFIELD S 53 (7) W.F. BEAM - CONC. DECK LENGTH 0.066 MI. OSCAR L. OLSON COMPLETED-MAY 31 - YEAR 19 55 STATE AID ROUTE 2 BRIDGE OVER FAIRFIELD RIVER

TOWN OF FAIRFIELD - S 53 (7)
CONTRACTOR - OSCAR L. OLSON
RECORD PLANS - COMPLETED
CONTRACT NO. - S 7 N 1 S 5

GROUND ELEVATION ..... DATUM ..... LINE
GRADE 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" = 20'
TYPICAL 1" = 2'
PLAN 1" = 20'
PROFILE HORIZONTAL 1" = 20'
VERTICAL 1" = 10'
CROSS-SECTIONS 1" = 5'

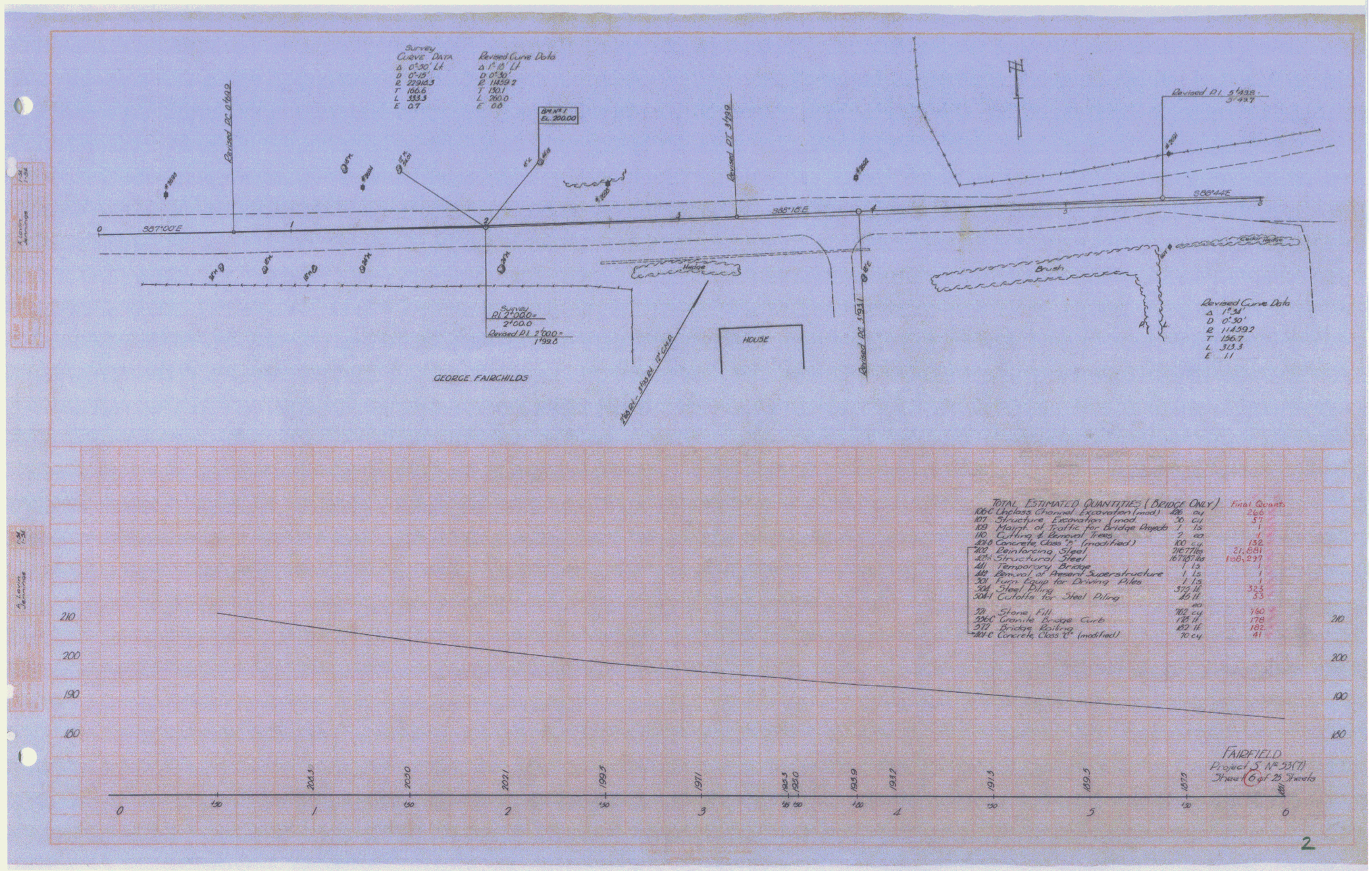
STA. 8+45.0 = 28+50.9 OF VT. S 53(1) — STOP ROADWAY-BEGIN BRIDGE
STA. 8+45.0 — STOP ROADWAY-BEGIN BRIDGE
STA. 8+340 — END BRIDGE-RESUME ROADWAY

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED [redacted]
DIVISION ENGINEER [redacted] DATE

APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
CONSTRUCTION ENGINEER	BRIDGE ENGINEER	DISTRICT ENGINEER	HIGHWAY ENGINEER	CHIEF ENGINEER
DATE May 21 1954	DATE May 19, 1954	DATE March 31, 1954	DATE NOV 21 1954	DATE NOV 21 1954

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

PROJECT S NO. 53 (7)
SHEET 1 OF 25 SHEETS


Survey Curve Data
Δ 0°30' Lt
D 0°45'
R 22918.3
T 166.6
L 333.3
E 0.7
Revised Curve Data
Δ 1°15' Lt
D 0°30'
R 11459.2
T 130.1
L 260.0
E 0.6
Revised PC 0+00.2
Revised PT 3+99.9
Revised PI 5+43.8 = 3+49.7
BM No 1 El. 200.00
S87°00'E
S88°15'E
S88°44'E
Survey PI 2+00.0 = 2+00.0
Revised PI 2+00.0 = 1+99.8
Revised PC 1+97.1
Hedge
Brush
HOUSE
GEORGE FAIRCHILDS
Revised Curve Data
Δ 1°31'
D 0°30'
R 11459.2
T 156.7
L 313.3
E .11
TOTAL ESTIMATED QUANTITIES (BRIDGE ONLY)
Final Quants
106-C Unclass Channel Excavation (mod) 426 cy 266
107 Structure Excavation (mod 30 cy 57
109 Maint. of Traffic for Bridge Projects 1 ls 1
110 Cutting & Removal Trees 2 ea 1
401-B Concrete Class "A" (modified) 100 cy 132
422 Reinforcing Steel 21677 lbs 21,881
424 Structural Steel 167107 lbs 108,297
441 Temporary Bridge 1 ls 1
442 Removal of Present Superstructure 1 ls 1
501 Form Equip for Driving Piles 1 ls 1
504 Steel Piling 379 lf 323
504-1 Cutoffs for Steel Piling 46 lf 33
ea
521 Stone Fill 702 cy 760
556-C Granite Bridge Curb 178 lf 178
572 Bridge Railing 182 lf 182
601-C Concrete, Class "C" (modified) 70 cy 41
210
200
190
180
202.3
203.0
202.1
199.5
197.1
195.3
195.0
193.9
193.2
191.3
189.5
187.9
0
1
2
3
4
5
6
FAIRFIELD
Project BRS No 53(7)
Sheet 6 of 25 Sheets

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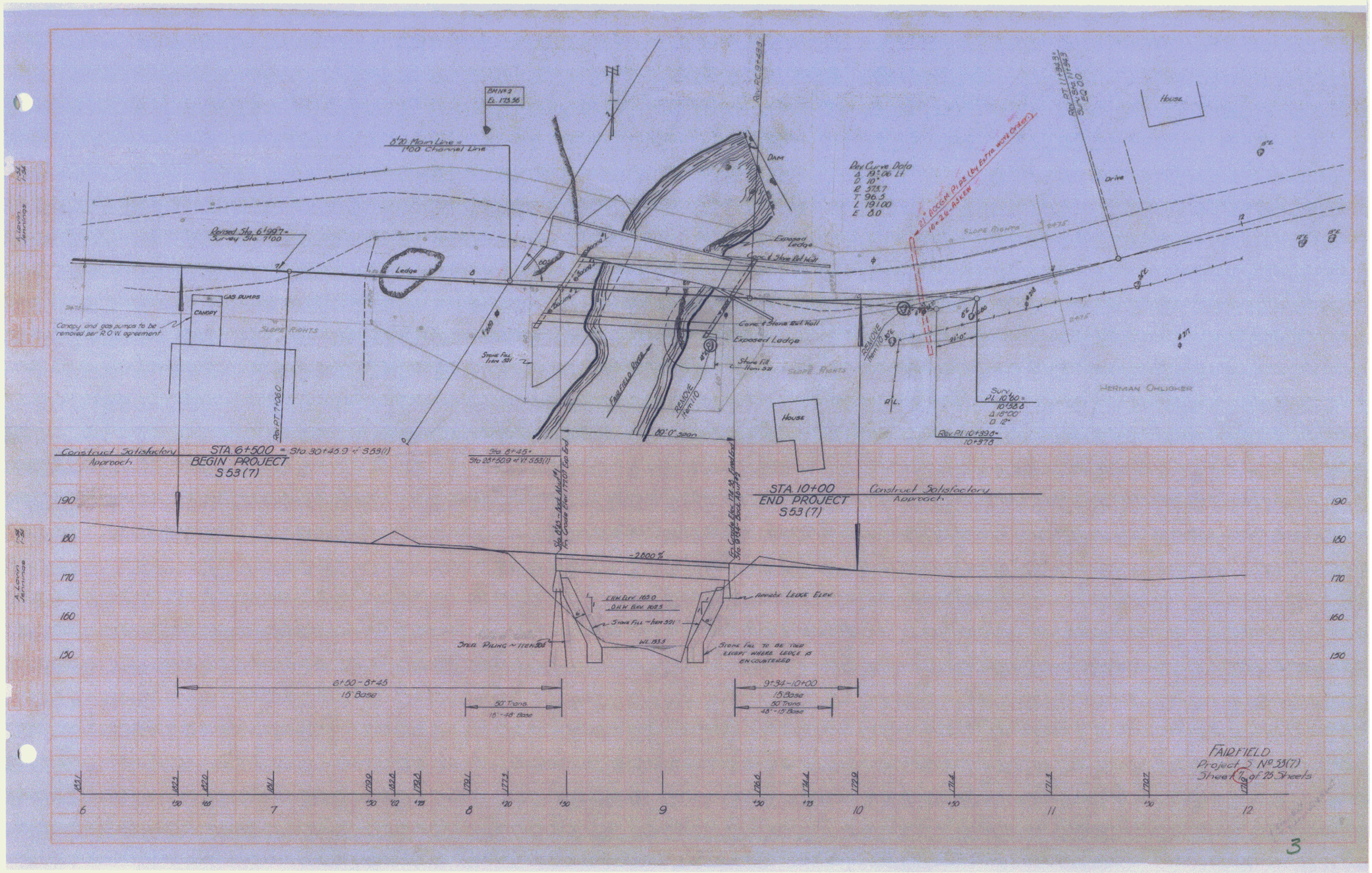
BM No 2
El. 173.56
8'20 Main Line =
7'00 Channel Line
Revised Sta. 6+997 =
Survey Sta. 7'00
Ledge
GAS PUMPS
CANOPY
Canopy and gas pumps to be removed per R.O.W. agreement
SLOPE RIGHTS
Stone Fill Item 521
Fairfield River
REMOVE Item 110
DAM
Exposed Ledge
Conc. & Stone Ret. Wall
Exposed Ledge
Stone Fill Item 521
SLOPE RIGHTS
Rev. Curve Data
Δ 19°06' Lt
D 10°
R 573.7
T 96.5
L 191.00
E 8.0
21" PASCOR PIPE (By Extra Work Order)
10+26 - ASKEW
REMOVE Item 110
House
Drive
HERMAN OHLIGHER
Sury
PI. 10+60 =
10+88.8
Δ 19°00'
D 12°
Rev. PI. 10+99.0 =
10+97.8
Construct Satisfactory Approach
STA. 6+500 = Sta. 30+46.9 of S53(1)
BEGIN PROJECT
S53(7)
Sta. 8+45 =
Sta. 28+50.9 of V.I. S53(1)
STA. 10+00
END PROJECT
S53(7)
Construct Satisfactory Approach
-2.00%
EHW Elev. 163.0
OHW Elev. 162.5
Stone Fill - Item 521
W.L. 153.3
Steel Piling - Item 304
Approx. Ledge Elev.
Stone Fill to be used below where ledge is encountered
8+50 - 8+45
15' Base
50' Trans.
15' - 48' Base
9+34 - 10+00
15' Base
50' Trans.
48' - 15' Base
190
180
170
160
150
FAIRFIELD
Project S No. 53(7)
Sheet 7 of 25 Sheets

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