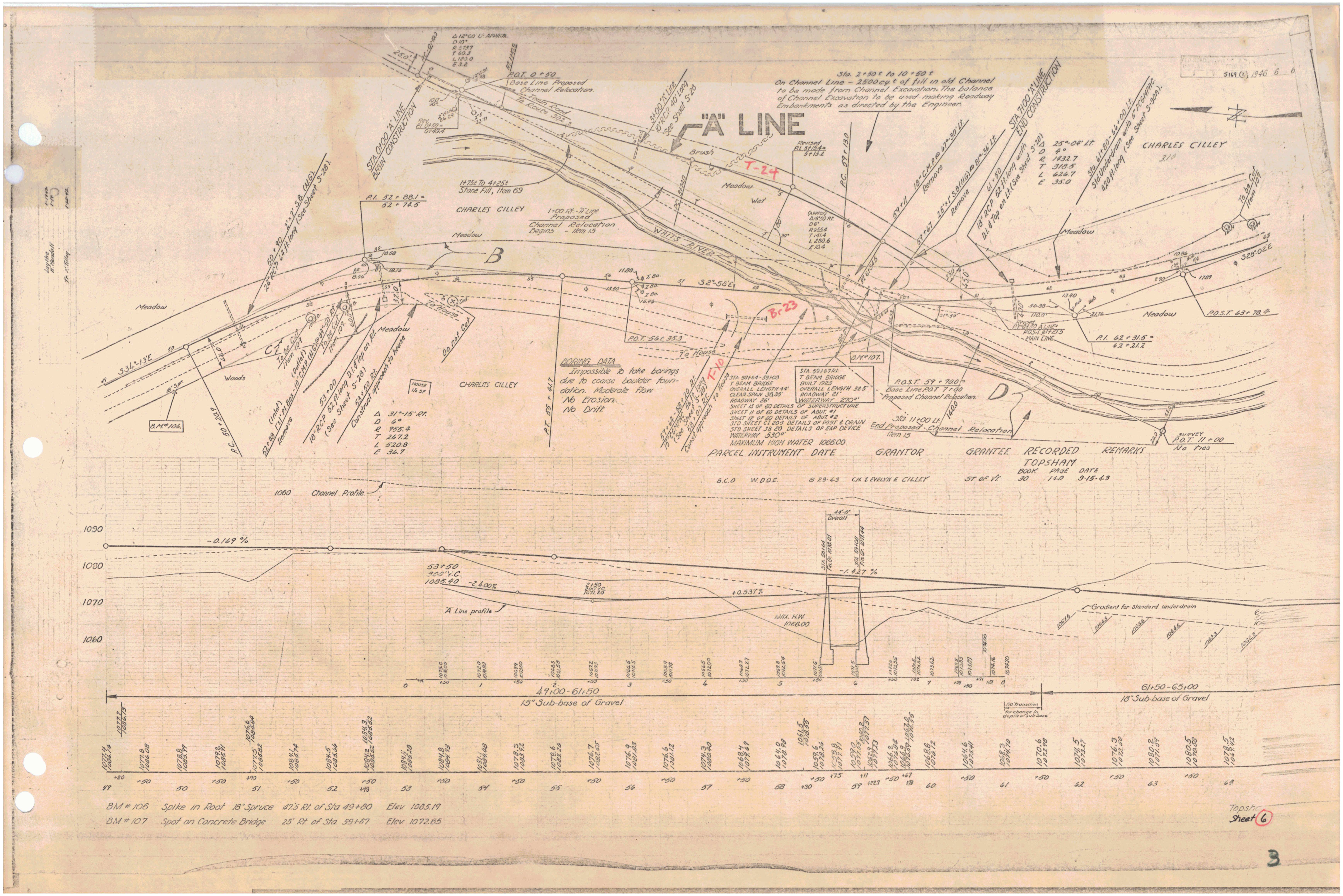
"A" LINE
Sta. 2+50± to 10+50±
On Channel Line - 2500 cy.± of fill in old Channel to be made from Channel Excavation. The balance of Channel Excavation to be used making Roadway Embankments as directed by the Engineer.
5169 (2) 1946 6
STA. 0+00 "A" LINE BEGIN CONSTRUCTION
STA. 7+00 "A" LINE END CONSTRUCTION
P.O.T. 0+50 Base Line Proposed Channel Relocation.
Town Road To Route 302
3+00 "A" Line 18" R.C.P. 40' Long See Sheet 5-28
1+75± To 4+25± Stone Fill, Item 69
1+00 Rt. "A" Line Proposed Channel Relocation Begins - Item 15
WAITS RIVER
CHARLES CILLEY
Meadow
Wet
Brush
Woods
T-24
Br 23
T-10
P.I. 52 + 88.1 = 52 + 74.5
50+90 2'x2' S.B. (N.G.) 24" RCP 64 ft. long (See Sheet 5-28).
52+48 1'x1' P.I. Box - 10" C.M.P. (N.G.) @ 84°-50' Rt. (Inlet) (Outlet) Remove
To be Cut Item 109
53+00 18" RCP 52 ft. long D.I. & Top on Rt. (See Sheet 5-28)
53+50 Rt. Construct approach to house
Do not Cut
To House
Δ 31°-15' Rt.
D 6°
R 955.4
T 267.2
L 520.8
E 36.7
B.M.# 106.
P.C. 50+20.9
P.T. 55 + 41.7
S 34°-13' E
S 2°-58' E
P.O.T. 56+35.3
BORING DATA
Impossible to take borings due to coarse boulder foundation. Moderate flow. No Erosion. No Drift.
57+64-58+20 Rt. 15" CGMPAC 56 ft. long (See Sheet 5-28)
58+0.0 Rt. Const. approach to House
STA 58+64-59+08
T BEAM BRIDGE
OVERALL LENGTH 44'
CLEAR SPAN 38.36'
ROADWAY 26'
SHEET 13 OF 60 DETAILS OF SUPERSTRUCTURE
SHEET 11 OF 60 DETAILS OF ABUT. #1
SHEET 12 OF 60 DETAILS OF ABUT. #2
STD SHEET CI 20S DETAILS OF POST & DRAIN
STD SHEET SB 20 DETAILS OF EXP DEVICE
WATERWAY 530□'
MAXIMUM HIGH WATER 1066.00
STA. 59+67 Rt.
T BEAM BRIDGE
BUILT 1925
OVERALL LENGTH 32.5'
ROADWAY 21'
WATERWAY 270□'
B.M.# 107.
P.O.S.T. 59 + 90.0 = Base Line P.O.T. 7+00 Proposed Channel Relocation.
Sta. 11+00 Lt. End Proposed Channel Relocation Item 15
SURVEY P.O.T. 11+00 No ties
Revised P.I. 5+15.4 = 5+13.2
P.C. 59+13.0
(APPROX) Δ 16°50' Rt. D 6° R 955.4 T 141.4 L 280.6 E 10.4
P.T. 6+54.6
59+11 18" C.M.P. @ 67°-30' Lt. Remove
59+67 2.5'x1' S.B. (N.G.) @ 81°-36' Lt. Remove
61+50 18" RCP 52 ft. long with D.I. & Top on Lt. (See Sheet 5-28)
Δ 25°-04' Lt.
D 4°
R 1432.7
T 318.5
L 626.7
E 35.0
Sta. 61+80 - 66+00 Lt. Std. Underdrain with 6" PCGMPAC 420 ft. long (See Sheet 5-30A).
Revised P.T. 8+30 A LINE = P.O.S.T. 61+21.5 MAIN LINE
P.I. 62 + 31.5 = 62 + 21.2
P.O.S.T. 63 + 78.4
S 28°-02' E
To be Cut Item 109
PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED REMARKS
TOPSHAM
BOOK PAGE DATE
B.C.D W.D.O.E. 8-23-43 C.H. & EVELYN E. CILLEY ST. OF VT. 30 140 9-15-43
1060 Channel Profile
1090
1080
1070
1060
-0.169 %
53+50 300' V.C. 1088.90
-2.600 %
+0.537 %
-1.427 %
"A" Line profile
MAX. H.W. 1066.00
44'-0" Overall
Gradient for Standard underdrain
49+00-61+50 15" Sub-base of Gravel
61+50-65+00 18" Sub-base of Gravel
50' transition for change in depth of Sub-base
BM # 106 Spike in Root 18" Spruce 47.5 Rt. of Sta. 49+80 Elev. 1085.19
BM # 107 Spot on Concrete Bridge 25' Rt. of Sta. 59+67 Elev. 1072.85
Topsham
Sheet 6
3