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PROJECT NAME & NUMBER & TYPE OF PAVEMENT
 LUDLOW S 0145 (5) SA
 SINGLE TACK COAT OF REFINED TAR & BLADE MIX
 PEA STONE & STONE GRIT 22,510 SQ.YD.

RECORD PLANS MATERIALS:
 SUB-BASE OF GRAVEL-PIERCE PIT & WRIGHT PIT LUDLOW, VT.
 GRAVEL BACKFILL-PIERCE PIT & LAMPERT PIT LUDLOW, VT.
 REFINED TAR-WITCO CHEMICAL, WORCESTER, MASS.
 HUGGINS CO., MALDEN, MASS.
 CUTBACK ASPHALT-HUMBLE OIL, EVERETT, MASS.
 MOBIL OIL, EAST PROVIDENCE, R.I.
 PEA STONE-KELLY QUARRY, LUDLOW, VT.
 STONE GRITS-J.P. CARRARA'S, NORTH CLARENDON, VT.
 VERMONT MARBLE CO. WEST RUTLAND, VERMONT

SAND COVER-J.P. CARRARA'S, NORTH CLARENDON, VERMONT
 CONCRETE-ARTHUR WHITCOMB, CHARLESTOWN, NEW HAMPSHIRE
 REINFORCING STEEL-BETHLEHEM STEEL, CORP., ALBANY, N.Y.
 METAL CULVERT PIPE, ELBOWS, METAL PLATE PIPE ARCH, METAL
 UNDERDRAIN & CAST IRON COVERS FOR FLUSHING BASINS-
 NEW ENGLAND METAL CULVERT CO., WHITE RIVER JCT., VERMONT
 NEW CAST DROP INLET-E.L. LEBARON FOUNDRY INC. BROCKTON, MASS.
 HUME PIPE OF NEW ENGLAND, WESTMINSTER, VT.
 TWO CABLE GUARD RAIL ANCHOR FOR TWO CABLE 01144" GALV.
 WOOD GUIDE POSTS, WOODMARKER POSTS, TREATED TIMBER CURB,
 PROJECT MARKERS, AND BOUNDARY MARKERS-S.T. GRISWOLD CO. INC.,
 WILLISTON, VT.

BITUMINOUS CONCRETE-COLD RIVER HOT MIX, NORTH WALPOLE, N.H.

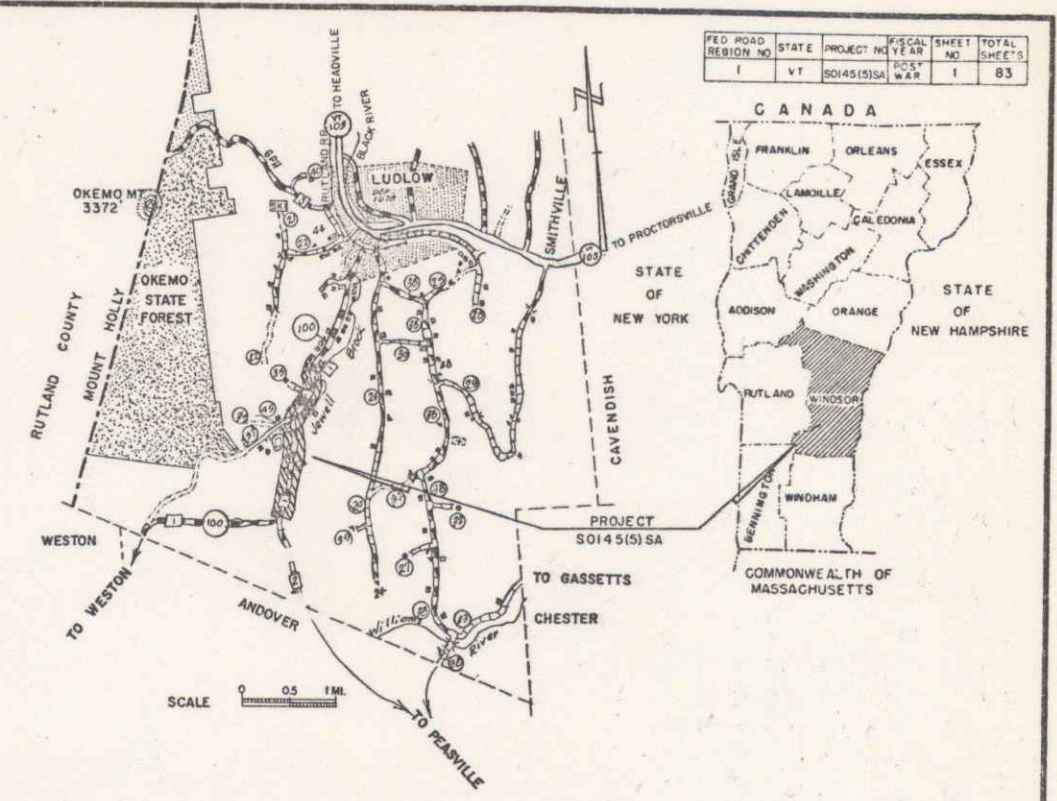
CONTRACTOR: S.V. ROSSI CONSTRUCTION CO. INC. TORRINGTON, CONN.
 RES. ENGR: RALPH J. MICHAEL
 INSPECTOR: MARK HUTCHINS
 RECORD PLANS: SPENCER H. WHITNEY

CONTRACT -
 DATED 11 AUG 65 STARTED 12 AUG 65
 COMPLETED 12 AUG 66 ACCEPTED 12 AUG 66

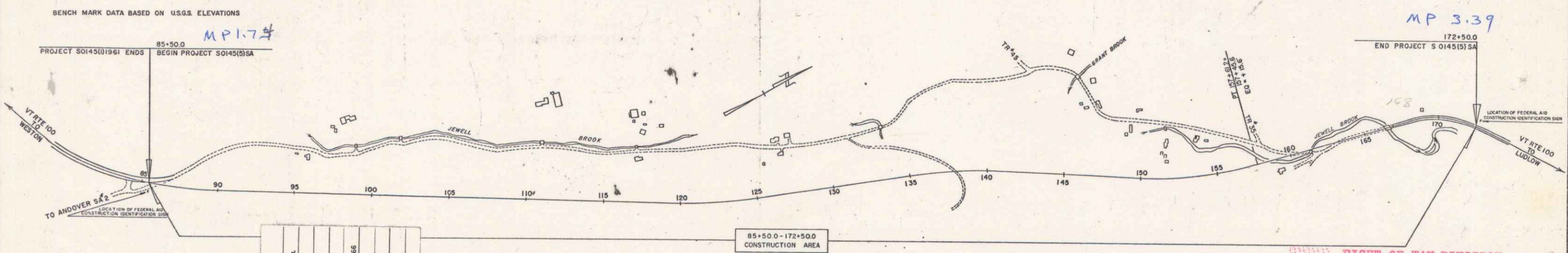
STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

**TOWN OF LUDLOW,
 COUNTY OF WINDSOR
 WESTON-LUDLOW ROAD
 VERMONT RTE. 100 (SA#1)**

BEGINNING AT A POINT APPROXIMATELY 1.75 MILES
 EASTERLY FROM THE ANDOVER-LUDLOW TOWN
 LINE AND EXTENDING NORTHERLY 1.651 MILES
 LENGTH OF PROJECT 8,715.6 FEET = 1.651 MILES



ADT 1964	150
ADT 1985	280
DHV 1985	60
V	40 MPH
D	67%
T	4%



- CONVENTIONAL SIGNS
- SLOPE RIGHTS
 - RIGHT OF WAY
 - 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

CONTRACTOR: S.V. ROSSI CONSTRUCTION CO. INC.
 TORRINGTON, CONN.
 LOCATION: Beginning at a point approximately 1.75 miles easterly from the Andover-Ludlow Town Line and extending northerly 1.651 miles.

LUDLOW
 PROJECT S 0145(5) SA
 TACK COAT TYPE II
 BOX 246
 3837

APPROVED R.J. Michael ASST. CHIEF ENGINEER DATE: Dec. 19, 1964	APPROVED R.J. Michael SENIOR ENGINEER DATE: 12/14/64	APPROVED E.W. DeLong CONSTRUCTION ENGINEER DATE: 12/14/64	APPROVED R.J. Michael DISTRICT ENGINEER DATE: 12/14/64	APPROVED R.J. Michael DISTRICT ENGINEER DATE: 12/14/64	APPROVED R.J. Michael DISTRICT ENGINEER DATE: 12/14/64	APPROVED R.J. Michael DISTRICT ENGINEER DATE: 12/14/64	APPROVED R.J. Michael DISTRICT ENGINEER DATE: 12/14/64
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RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL
 Town of VT #00
 (To Be Returned To R.O.W. Division)

DEPARTMENT OF COMMERCE
 BUREAU OF PUBLIC ROADS
 APPROVED
 DIVISION ENGINEER DATE
 PROJECT S NO. 0145(5)SA
 SHEET 1 OF 83 SHEETS

CONSTRUCT DRIVE
Lt Rt
92+50 96+50
7'±-80

JUTE MATTING
Rt
88+50 - 96+00

CONSTRUCT BERM DITCH
Lt Rt
Ham 103-A-1
88+50-96+00

CONSTRUCT APPROACH
Lt Rt
85+50-87+50 85+50-86+80

CONSTRUCT SPECIAL DITCH
Lt Rt
Ham 103-A-1
87+10-88+50

TWO CABLE GUARD RAIL
Lt Rt
88+84-89+00 89+03-89+00
89+00-91+49 91+70-89+48
72'-75' 76'

Wood Guide Posts
87+20 - 88+10 11'-0"

NOTE: all drives are to be constructed with a 12'± minimum width and a 20'± minimum flare radius.

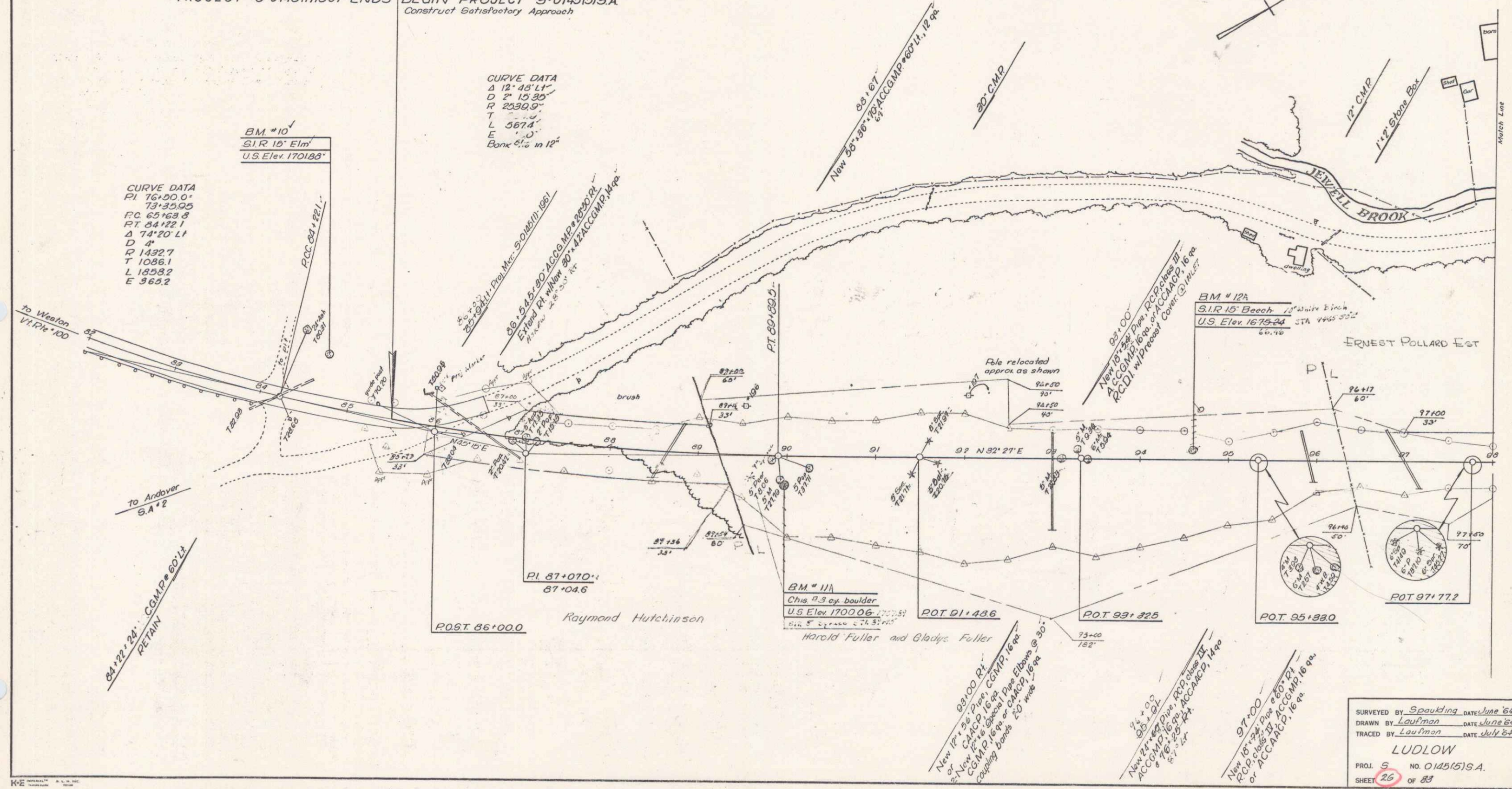
Sta. 85+50.0'
PROJECT S-0145(1)1961 ENDS BEGIN PROJECT S-0145(5)SA
Construct Satisfactory Approach

CURVE DATA
Δ 12°-48'14"
D 2' 15.30"
R 2330.0'
T 567.4'
L 567.4'
E 365.2'
Bank 5% in 12"

CURVE DATA
PI 76+50.0'
73+50.00
PC 65+68.8
PT 84+22.1
D 74°-20' Lt
D 4'
R 1432.7
T 1086.1
L 1858.2
E 365.2

BM #10
SIR 15' Elm
U.S. Elev. 1701.88'

BM #12A
SIR 15' Beech 12" square 8 inch
U.S. Elev. 1675.24' STA 4465 5532
61.70'



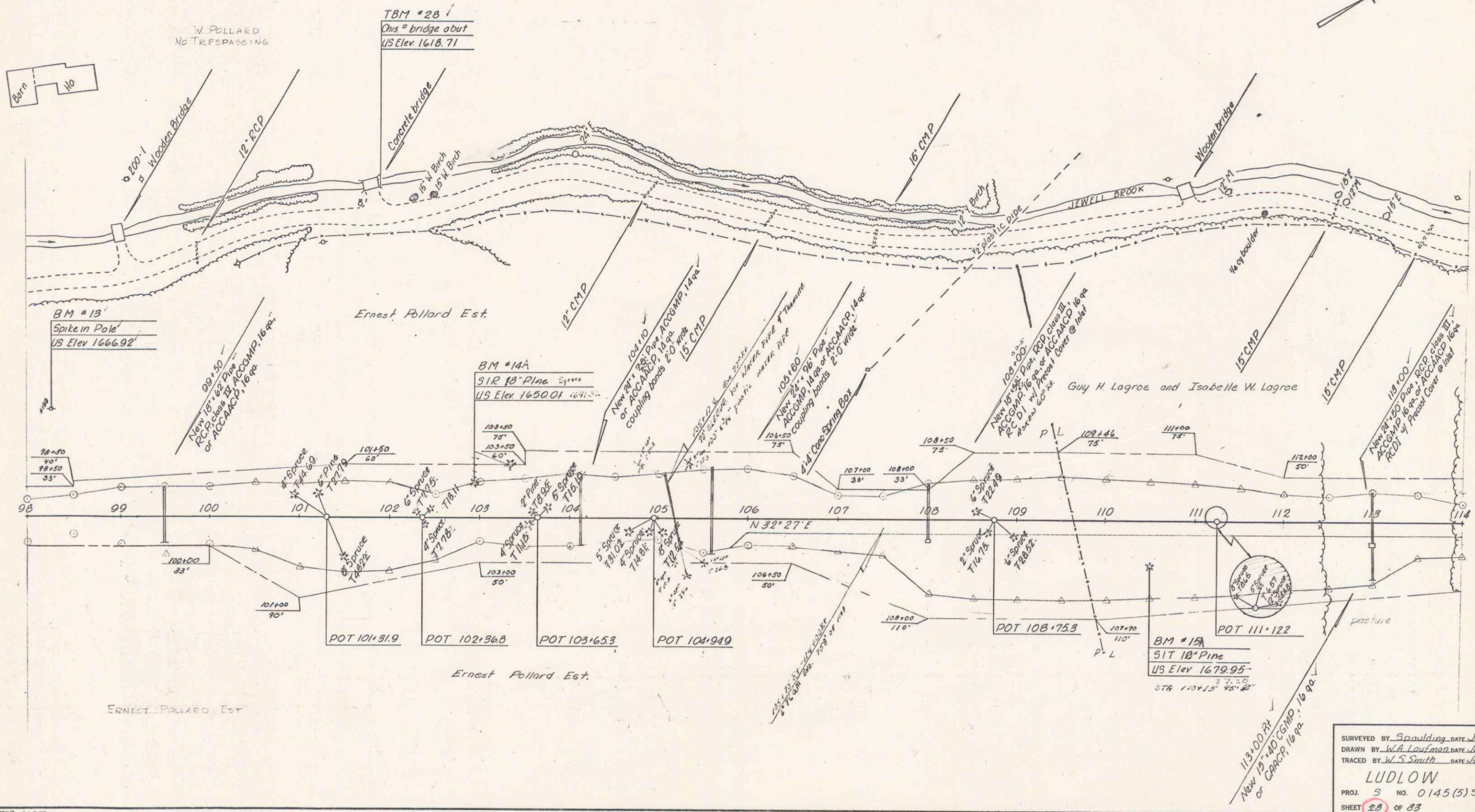
SURVEYED BY Spaulding DATE June 64
DRAWN BY Laupman DATE June 64
TRACED BY Laupman DATE July 64
LUDLOW
PROJ S NO. 0145(5)SA.
SHEET 26 OF 83

CONSTRUCT DRIVE
 Lt 100+71.62 Rt 99+75-
 112+00 113+15.28
 19 103+15
 19+85

TWO CABLE GUARD RAIL
 Lt 103+50-100+50 Rt
 102+50-108+26 117+34
 112+50-117+00 117+50

CONSTRUCT BERM DITCH
 Lt Item 103+91 Rt
 108+00-113+00

JUTE MATTING
 Rt
 108+00-113+00



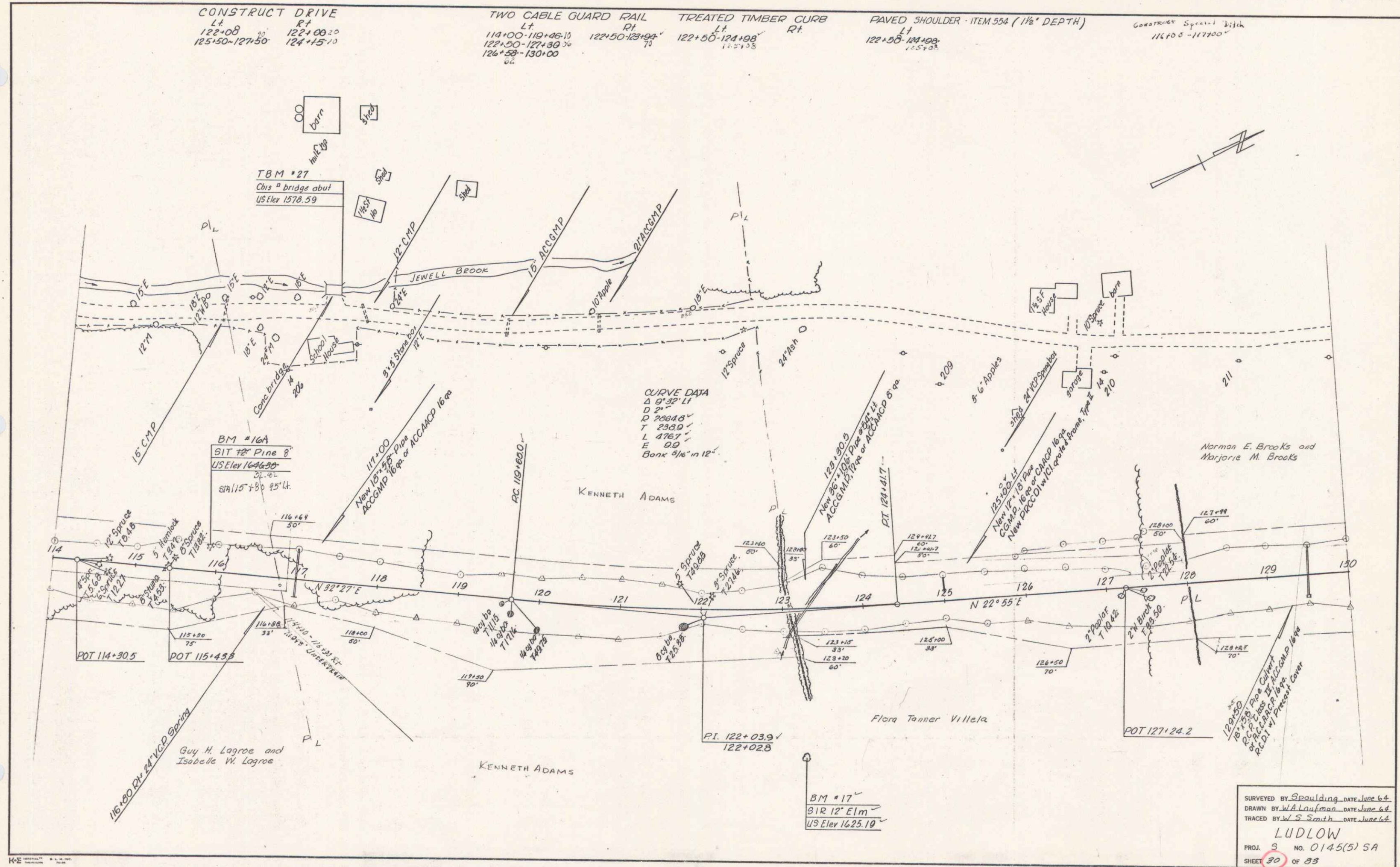
SURVEYED BY Spaulding DATE June 64
 DRAWN BY W.A. Loufman DATE Sept 64
 TRACED BY W.S. Smith DATE July 64
LUDLOW
 PROJ. S NO. 0145 (5) SA.
 SHEET 28 OF 33

CONSTRUCT DRIVE
 Lt Rt
 122+08 122+00:0
 125+50-127+50 124+15:10

TWO CABLE GUARD RAIL TREATED TIMBER CURB
 Lt Rt Lt Rt
 114+00-119+46:10 122+50-123+94:75 122+50-124+98 125+75
 122+50-127+30 126+58-130+00

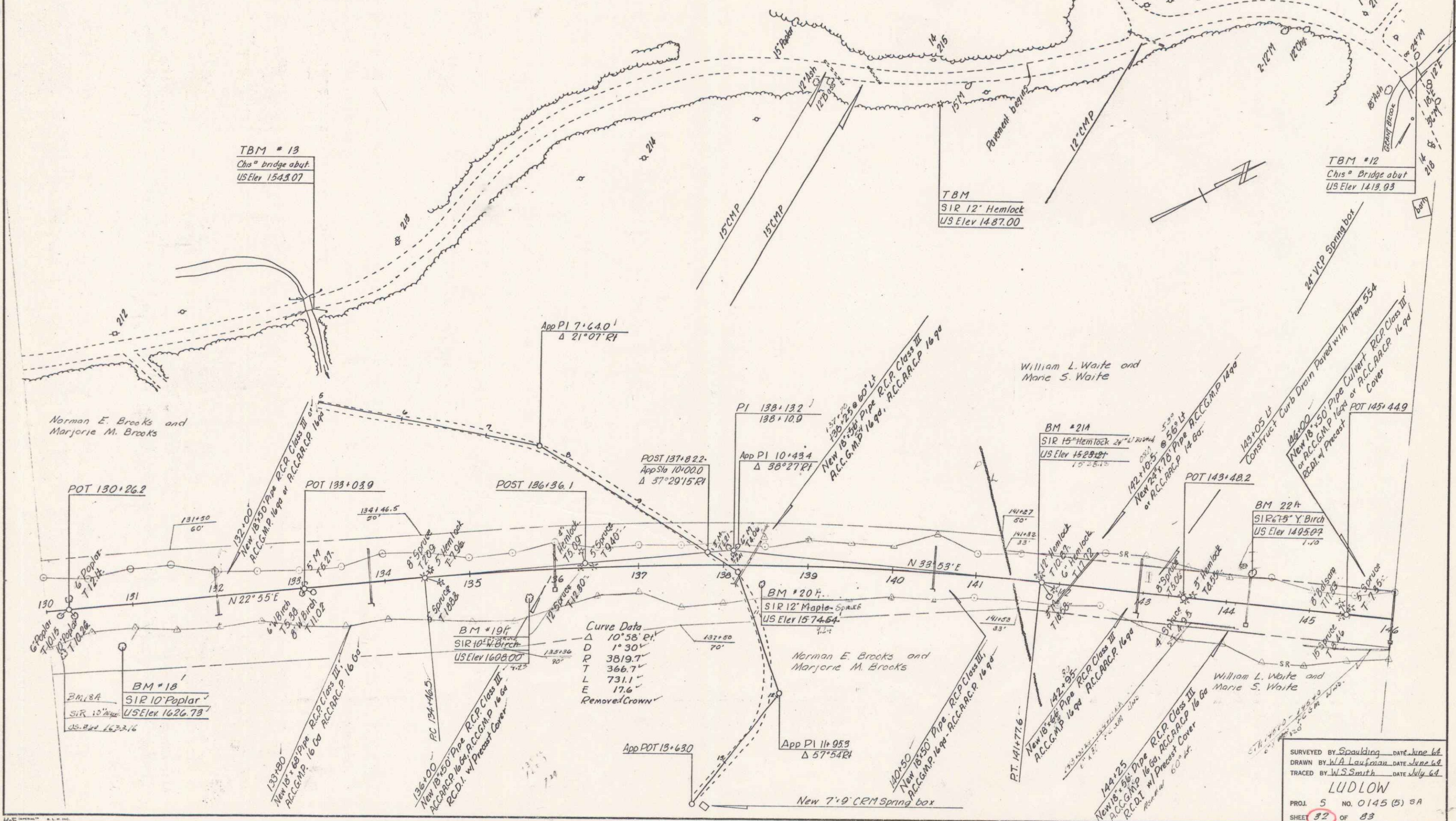
PAVED SHOULDER - ITEM 55A (1 1/2" DEPTH)
 Lt
 122+50-124+00
 125+75

CONSTRUCT Special Ditch
 116+05-117+00



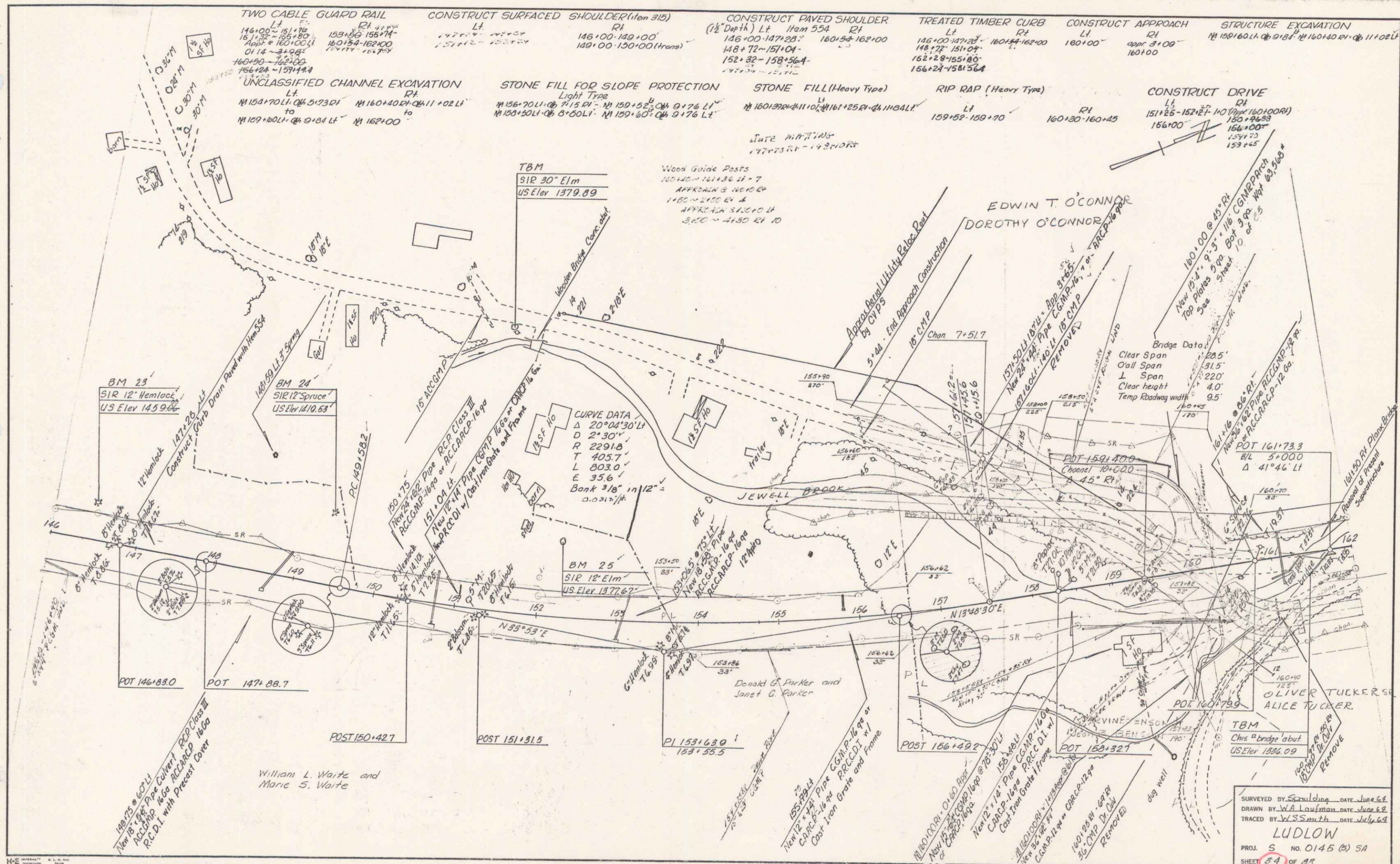
SURVEYED BY Spaulding DATE June 64
 DRAWN BY W.A. Laufman DATE June 64
 TRACED BY W.S. Smith DATE June 64
LUDLOW
 PROJ. 3 NO. 0145(5) SA
 SHEET 30 OF 33

TREATED TIMBER CURB LF 141+74-143+02 144+24-146+00	PAVED SHOULDER Item 554 (1/2 Depth) LF 141+74-143+02 144+24-146+00	TWO CABLE GUARD RAIL LF 130+00-133+44 135+00-136+52 140+78-143+02 144+00-146+00	CONSTRUCT DRIVE RT 137+00-138+00 138+14.5 137+88 142+15	CONSTRUCT SURFACED SHOULDER ITEM 315 LF 141+00-141+72 134+00-135+00 (Transition) 135+00-146+00	Notes 1.5' x 2.0' - 13+00 RT 1.2' x 2.0' - 14+00 RT
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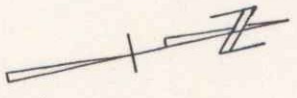
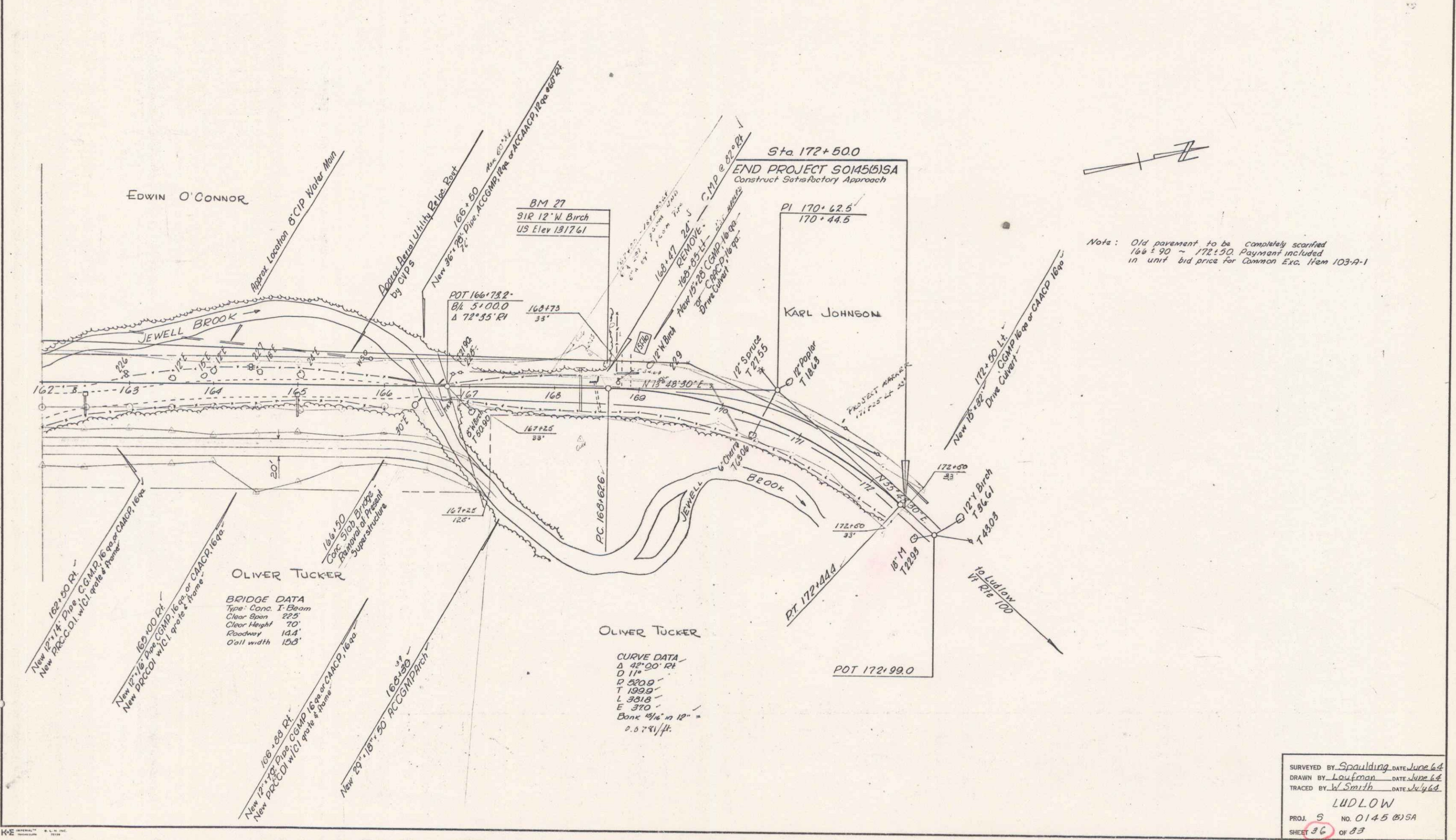


SURVEYED BY Spaulding DATE June 64.
 DRAWN BY W.A. Lauerman DATE June 64.
 TRACED BY W.S. Smith DATE July 64.
LUDLOW
 PROJ. 5 NO. 0145 (5) 9A
 SHEET 32 OF 83

5



CONSTRUCT DRIVE Lt 168+85 172+50 167+75	TWO CABLE GUARD RAIL Lt 162+00-166+50 165+25-166+75	TREATED TIMBER CURB Lt 162+00-166+35	CONSTRUCT PAVED SHOULDER Lt 11.0m 358 (1 1/2 Depth) 162+00-166+85	UNCLASSIFIED CHANNEL EXCAVATION Lt 162+00-167+50
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Note: Old pavement to be completely scarified
168+90 - 172+50. Payment included
in unit bid price for Common Exc. Item 103-A-1

BRIDGE DATA
Type: Conc. I-Beam
Clear Span 225'
Clear Height 70'
Roadway 144'
Oall width 158'

CURVE DATA
Δ 42°00' RT
D 11"
P 220.0'
T 199.9'
L 391.8'
E 370'
Bank 9/16" in 12" =
2.6781/ft.

SURVEYED BY Spaulding DATE June 64
DRAWN BY Loufman DATE June 64
TRACED BY W. Smith DATE July 64
LUDLOW
PROJ. 5 NO. 0145 (B)SA
SHEET 36 OF 83