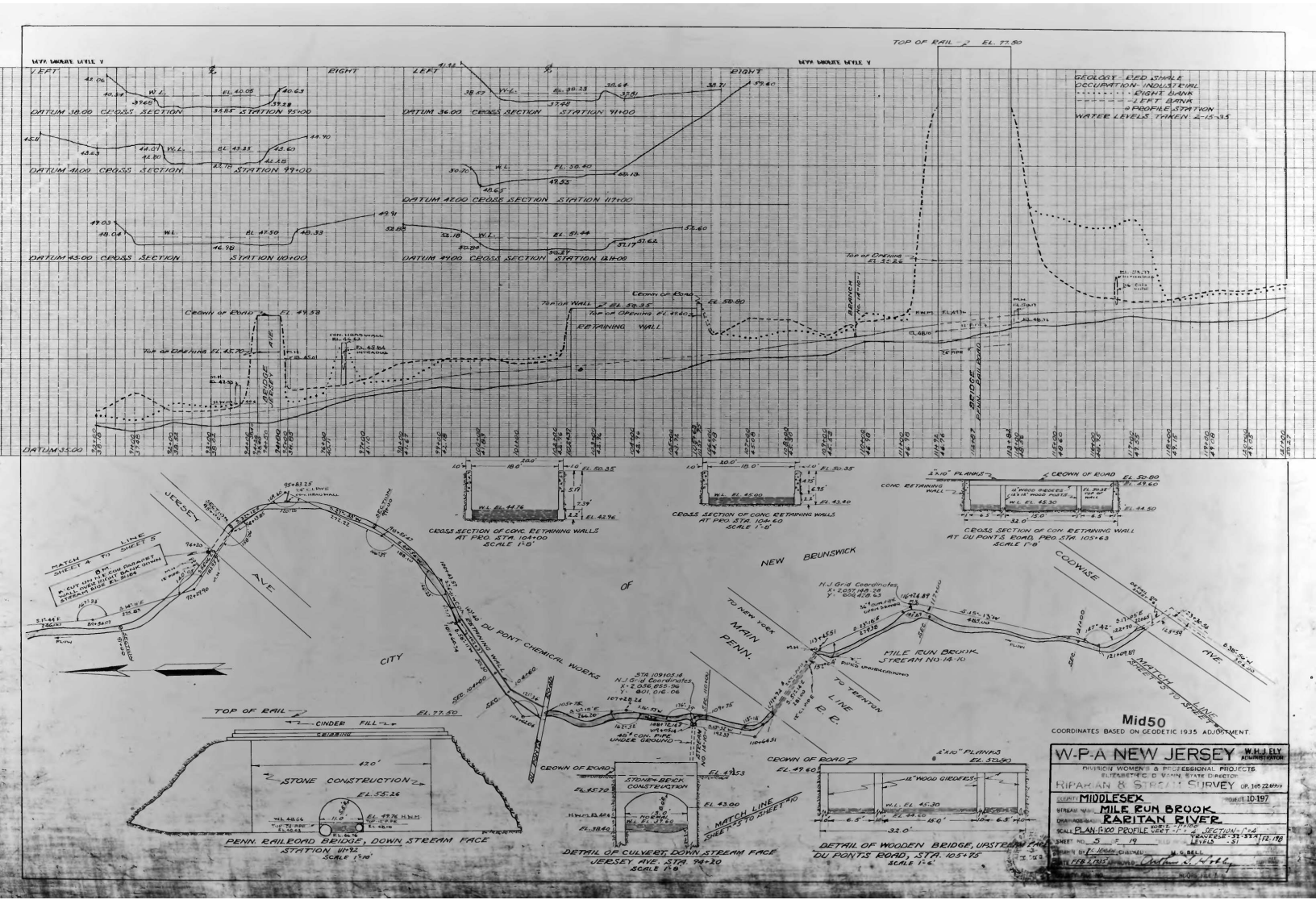
DATUM 38.00 CROSS SECTION STATION 95+00
DATUM 41.00 CROSS SECTION STATION 99+00
DATUM 43.00 CROSS SECTION STATION 101+00
DATUM 35.00
DATUM 36.00 CROSS SECTION STATION 91+00
DATUM 42.00 CROSS SECTION STATION 117+00
DATUM 44.00 CROSS SECTION STATION 121+00
TOP OF RAIL EL. 77.50
GEOLOGY - RED SHALE
OCCURRATION - INDUSTRIAL
RIGHT BANK
LEFT BANK
PROFILE STATION
WATER LEVELS TAKEN 2-15-35
Crown of Road EL. 49.53
Top of Opening EL. 45.70
RETAINING WALL
Crown of Road EL. 58.60
Top of Opening EL. 52.84
BRIDGE CARRYING DU PONT ROAD
BRIDGE CARRYING JERSEY AVE.
CROSS SECTION OF CONC. RETAINING WALLS AT PROJ. STA. 104+00 SCALE 1"=8'
CROSS SECTION OF CONC. RETAINING WALLS AT PROJ. STA. 104+60 SCALE 1"=8'
CROSS SECTION OF CONC. RETAINING WALL AT DU PONT'S ROAD, PROJ. STA. 105+63 SCALE 1"=8'
JERSEY AVE
CITY OF NEW BRUNSWICK
MATCH LINE SHEET 4
TO SHEET 5
DU PONT CHEMICAL WORKS
MAIN LINE P.R.R.
TO NEW YORK
TO TRENTON
MILE RUN BROOK STREAM NO. 14-10
CODWISE AVE.
MATCH LINE SHEET 5
TO SHEET 4
N.J. Grid Coordinates
X = 2657 168.28
Y = 604 420.63
STA. 109+02.14
N.J. Grid Coordinates
X = 2 656 855.96
Y = 601 016.08
TOP OF RAIL EL. 77.50
CINDER FILL
STONE CONSTRUCTION
PENN. RAILROAD BRIDGE, DOWN STREAM FACE
STATION 107+32
SCALE 1"=8'
STONE & BRICK CONSTRUCTION
DETAIL OF CULVERT, DOWN STREAM FACE JERSEY AVE. STA. 94+20
SCALE 1"=8'
MATCH LINE SHEET 10
TO SHEET 10
2"x10" PLANKS EL. 52.90
12" WOOD GIRDERS
DETAIL OF WOODEN BRIDGE, UPSTREAM FACE DU PONTS ROAD, STA. 105+75
SCALE 1"=8'
Mid50
COORDINATES BASED ON GEODETIC 1935 ADJUSTMENT
W-P-A NEW JERSEY
W.P.A. ECW ADMINISTRATOR
DIVISION WOMEN'S & PROFESSIONAL PROJECTS
ELIZABETH C. D. VANN, STATE DIRECTOR
RIPARIAN & STREAM SURVEY OP. 165.72 W.P.A.
COUNTY MIDDLESEX
STREAM MILE RUN BROOK
TRIBUTARY TO RARITAN RIVER
SCALE PLAN-1"=100 PROFILE VERT.-1"=4' SECTION-1"=4'
SHEET NO. 5 OF 19
TRACED BY F. JONES
DATE FEB 2 1935
LEVELS -51
12-176
10-197