

12" Expanded to 80"  
 1/16" interval to average level  
 1/16" interval

NOTE:  
 ELEVATIONS ARE IN FEET AND TENTHS AND SHOW HEIGHTS AT APPROXIMATE LOW WATER PLANE FOR U. S. WEATHER BUREAU GAGE AT HEMLOCK, W. WASH. - M. S. L. - 1.  
 FIGURES IN PARENTHESES THUS: (1.5) SHOW HEIGHT ABOVE LOW WATER. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (1929.000 DATUM 1929 ADJUSTMENT).  
 CHANNEL DEPTH: 5 FEET.  
 6 FOOT DEPTH CURVE SHOWN THUS: \_\_\_\_\_  
 12 FOOT DEPTH CURVE SHOWN THUS: \_\_\_\_\_  
 CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: \_\_\_\_\_  
 CHANNEL IN FEET FROM CENTER LINE OF RIVER MEASURED ON CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: \_\_\_\_\_

**SNAKE RIVER, WASHINGTON - IDAHO**  
**MOUTH TO OREGON - WASHINGTON LINE**  
 REVIEW REPORT

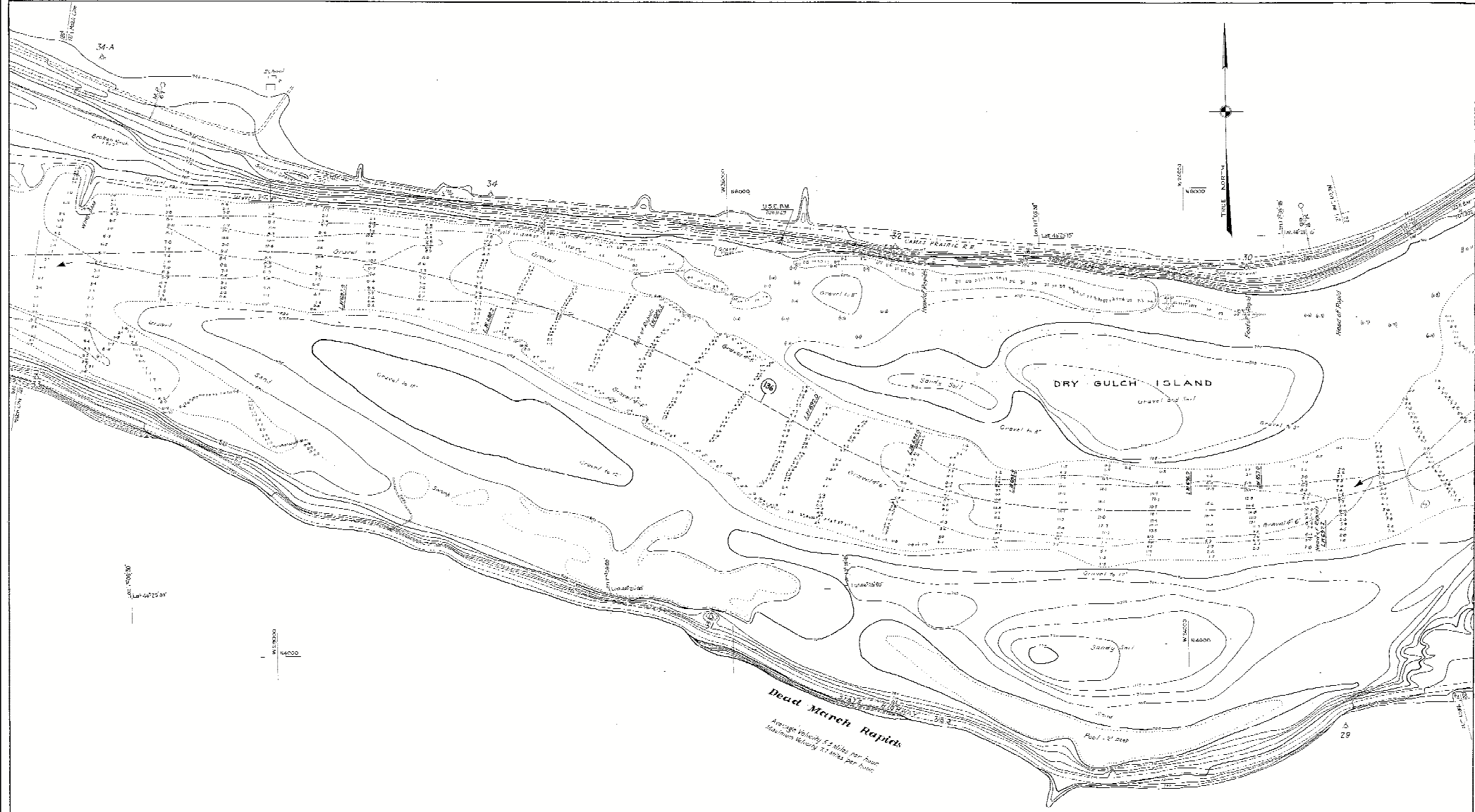
IN 164 SHEETS SCALE 1:20,000 SHEET NO. 120

U. S. ENGINEER OFFICE, PORTLAND, OREGON, 1934

Submitted by: *Allen L. Davis* Associate Engineer  
 Approved: *W. H. ...* Major, Corps of Engineers

Drawn by: J. M. P. R. C. W. Transmitted with report dated June 10, 1935.

SN-1-9(120)  
 8-9-7(120)



**Dead March Rapids**  
 Average Velocity 5.5 miles per hour  
 Maximum Velocity 2.5 miles per hour

**NOTE:**  
 SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT LOWEST LOW TIDE UNLESS OTHERWISE SPECIFIED.  
 ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (U.S.C.A.S. DATUM 1929) UNLESS OTHERWISE SPECIFIED.  
 CURVATURE INTERVAL 5 FEET  
 5 FOOT DEPTH CURVE SHOWN THUS: .....  
 9 FOOT DEPTH CURVE SHOWN THUS: .....  
 CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: .....  
 DISTANCE IN MILES FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: (70)

**SNAKE RIVER, WASHINGTON - IDAHO MOUTH TO OREGON - WASHINGTON LINE REVIEW REPORT**

IN 64 SHEETS      SCALE 1:2,000      SHEET NO. 121

U. S. ENGINEER OFFICE, PORTLAND, OREGON, 1934

Submitted: *Allen E. Dyer*      Approved: *Chas. Williams*  
 Associate Engineer      Major, Corps of Engineers

Drawn by J.M.B. K.E.W.      Transmitted with report dated June 10, 1934.

SN-1-4755  
 11 9 2/121



NOTE:  
 STATIONED 410 TO 507 AND 1150 AND SHOW WIDTHS AT ADOPED  
 LOW WATER PLANS FOR NW 1/4 W. WEATHER BUREAU GAGE AT HIRSH,  
 11 5025 M.S.L.  
 FIGURES IN PARENTHESES THUS (112) SHOW HEIGHT ABOVE LOW WATER.  
 ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (U.S.C. & G.S. DATUM 1929  
 ADJUSTMENT).  
 CURVING INTERVAL 5 FEET  
 5 FOOT DEPTH CURVE SHOWN THUS: ————  
 0 FOOT DEPTH CURVE SHOWN THUS: ————  
 CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: ————  
 DISTANCE IN MILES FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF  
 PROPOSED CHANNEL SHOWN THUS: (5)

**SNAKE RIVER, WASHINGTON - IDAHO  
 MOUTH TO OREGON - WASHINGTON LINE  
 REVIEW REPORT**

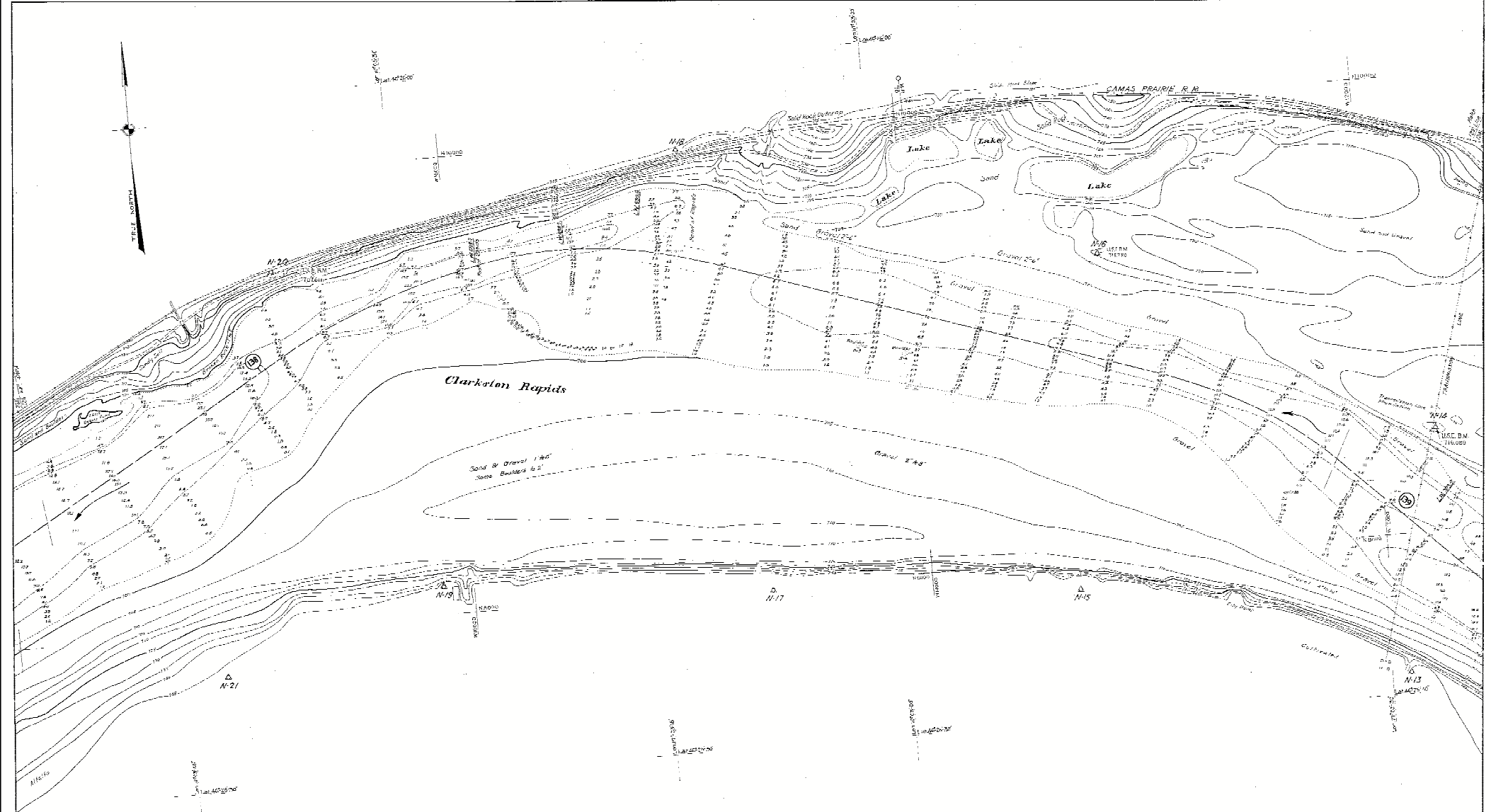
IN 1/4 SHEETS SCALE 1:20,000 SHEET NO. 122

U. S. ENGINEER OFFICE, PORTLAND, OREGON. 1934.

Submitted: *Allen C. Lane* Approved: *W. H. Wallace*  
Assistant Engineer Major Corps U.S. Engineers

Drawn by J.M.B. K.C.W. Transmitted with report Serial Date 10, 1935

SN 1-12/123  
H-9-2/122



Notes:  
 ELEVATIONS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT ADJUSTED LOW WATER PLANE (100 ON U.S. WEATHER BUREAU GAGE AT REPAIRS, IN 1920) M.S.L.  
 FLOWERS IN BRACKETED FIGS. 1921 SHOW HEIGHT ABOVE LOW WATER. ELEVATIONS ARE MEASUREMENTS IN FEET FROM MEAN SEA LEVEL (1920) DATUM 1920 ADJUSTMENT.  
 CONTOUR INTERVAL 5 FEET.  
 6 FOOT DEPTH CURVE SHOWN FROM 1/2 MILE DEEPER CURVE SHOWN FROM CENTER LINE OF PROPOSED CHANNEL SHOWN FROM DISTANCE IN MILES FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF PROPOSED CHANNEL SHOWN FROM (100)

**SNAKE RIVER, WASHINGTON - IDAHO**  
**MOUTH TO OREGON - WASHINGTON LINE**  
 REVIEW REPORT

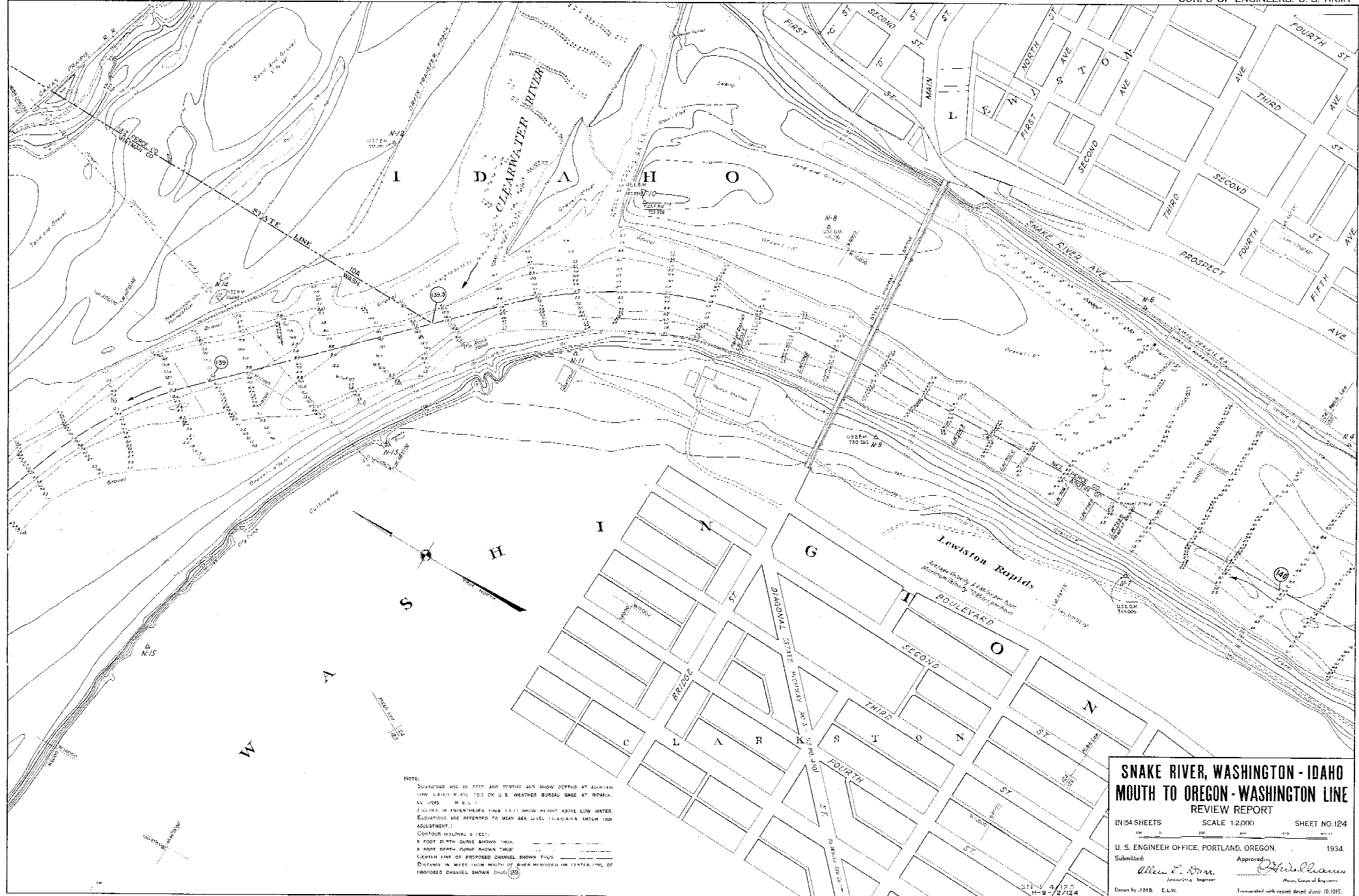
INRA SHEETS SCALE 1:2,000 SHEET NO. 123

U. S. ENGINEER OFFICE, PORTLAND, OREGON. 1934

Submitted: *Allen E. Dine* Approved: *H. Williams*  
 Assistant Engineer Major, Corps of Engineers

Drawn by J.M.C. T.L.W. Transmitted with report dated June 10, 1935.

SN-1-6/104  
 H-9-2/123



NOTE:  
 SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT APPROXIMATE LOW WATER EXCEPT FOR ONE ON U. S. WEATHER BUREAU GAGE AT RIMMALLS BRIDGE - M. S. L. 1.  
 FIGURES IN PARENTHESES SHOW FEET SHOW HEIGHT ABOVE LOW WATER. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL THROUGH A DATUM 1929 ADJUSTMENT.  
 CONTOUR INTERVAL, 5 FEET.  
 5 FOOT DEPTH CURVE SHOWN THIN.  
 3 FOOT DEPTH CURVE SHOWN THICK.  
 CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: ————  
 DISTANCE IN FEET FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: ( )

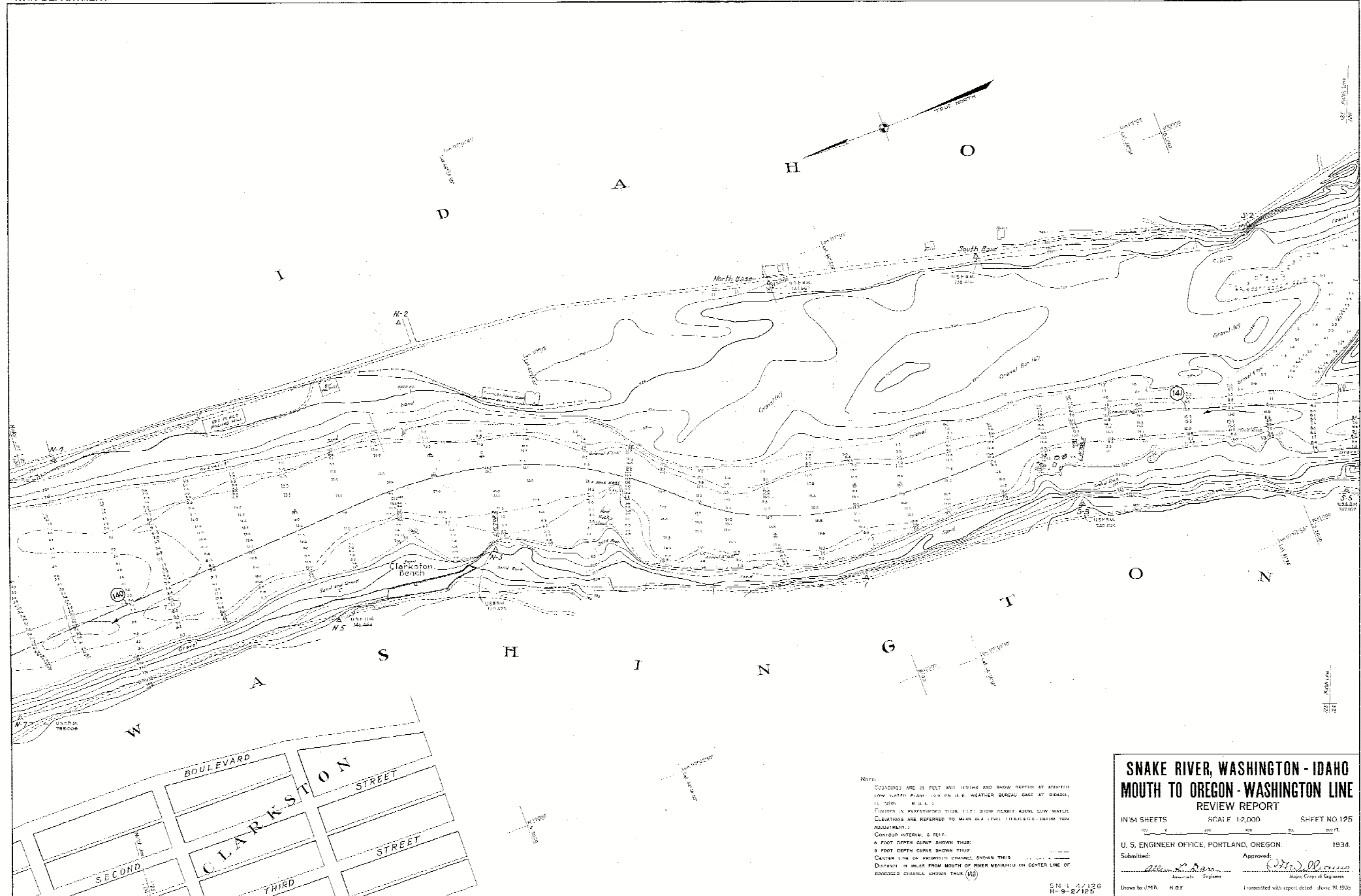
**SNAKE RIVER, WASHINGTON - IDAHO  
 MOUTH TO OREGON - WASHINGTON LINE  
 REVIEW REPORT**

11/54 SHEETS      SCALE 1:2,000      SHEET NO. 124

U. S. ENGINEER OFFICE, PORTLAND, OREGON,      1934.

Submitted: *Allen E. Brown*      Approved: *W. H. Williams*  
 Assistant Engineer      Major, Corps of Engineers

Drawn by JMB. E.L.W.      Transmitted with report dated June 10, 1935.



Note:  
 SOUNDINGS ARE IN FEET AND FEETINGS AND SHOW HEIGHT AT ADJUSTED LOW WATER PLANE FOR AN U. S. WEATHER BUREAU GAUGE AT RIVERS, 15' TIDE, M. S. L.  
 TRAINING OR BARRIAGED TIDES (L. T.) SHOW HEIGHT ABOVE LOW WATER. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL, 1929-30, DATUM (NO ADJUSTMENT).  
 CONTOUR INTERVAL, 5 FEET.  
 A FOOT DEPTH CURVE SHOWN THUS: ---  
 5 FOOT DEPTH CURVE SHOWN THUS: ---  
 CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: ---  
 DISTANCE IN MILES FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF BARRIAGED CHANNEL SHOWN THUS: (40)

**SNAKE RIVER, WASHINGTON - IDAHO**  
**MOUTH TO OREGON - WASHINGTON LINE**  
 REVIEW REPORT

IN 5A SHEETS      SCALE 1:2,000      SHEET NO. 125

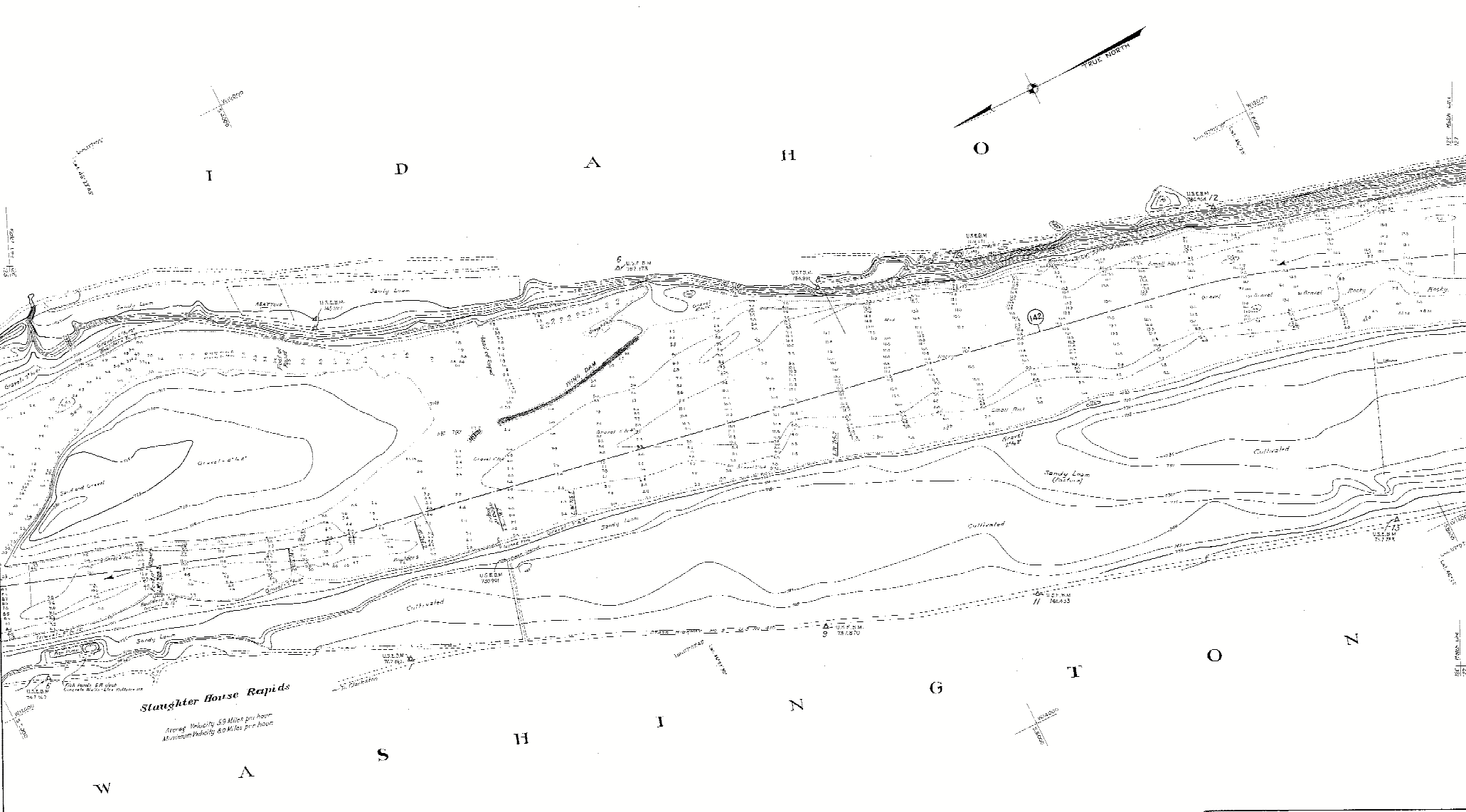
U. S. ENGINEER OFFICE, PORTLAND, OREGON      1934.

Submitted: *W. W. Carr*      Approved: *W. H. D. Carson*  
 Associate Engineer      Major, Corps of Engineers

Drawn by J.M.R.      N.G.F.      Transmitted with report dated June 10, 1935

SN 1-12/125  
 1-3-27125

SN-1-12/125



Notes:  
 SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTH AT ADJUSTED LOW WATER (AS SHOWN ON U.S. WEATHER BUREAU GAUGES AT RAPIDS, (1) OR (2) M.S.L.)  
 FIGURES IN PARENTHESES PLUS (E.T.) SHOW HEIGHT ABOVE LOW WATER  
 ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (U.S.C.G.S. DATUM) AND ADJUSTMENT.  
 CURVATURE INTERNAL TO FEET.  
 6 FOOT TO 1 INCH CURVES SHOWN THUS: \_\_\_\_\_  
 4 FOOT TO 1 INCH CURVES SHOWN THUS: \_\_\_\_\_  
 CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: \_\_\_\_\_  
 DISTANCE IN MILES FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: (14)

**SNAKE RIVER, WASHINGTON - IDAHO**  
**MOUTH TO OREGON - WASHINGTON LINE**  
 REVIEW REPORT

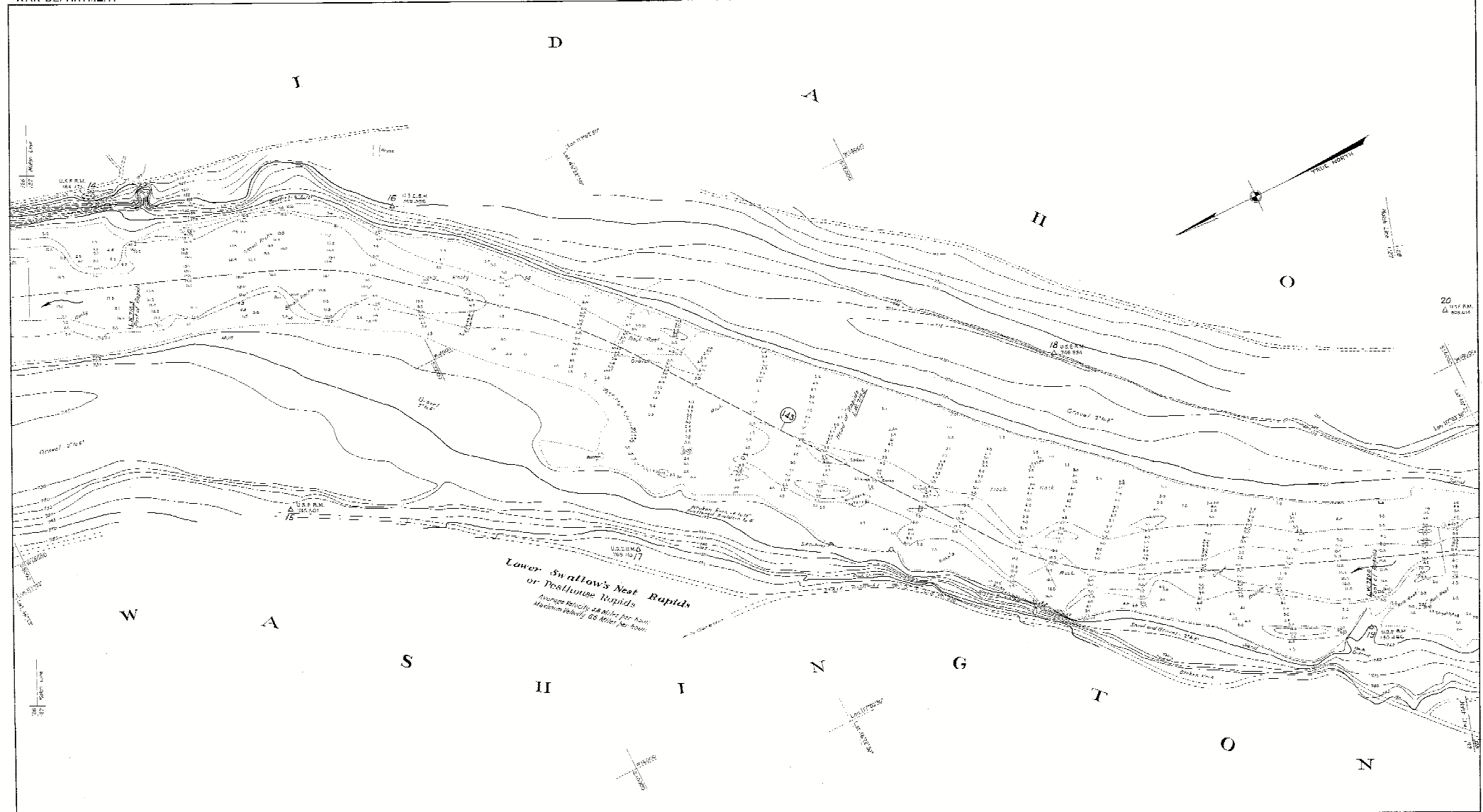
IN SHEETS \_\_\_\_\_ SCALE 1:20,000 SHEET NO. 126

U. S. ENGINEER OFFICE, PORTLAND, OREGON, 1954.

Submitted: \_\_\_\_\_ Approved: \_\_\_\_\_  
 Associate Engineer Major, Corps of Engineers

Drawn by J.M.B. N.B.S. Transmitted with report dated June 10, 1953

SN-1-4/127  
 H-9-2/126



**Lower Swallow's Nest Rapids  
or Posthouse Rapids**  
Average Velocity 2.5 Miles per Hour  
Maximum Velocity 20 Miles per Hour

**Notes:**  
 Soundings are in feet and tenths and show depths at average low water plus 1.0 on U.S. Vertical Bureau Gage at Imperial, El. 5225 M.S.L.  
 Figures in parentheses thus (1.2) show height above low water. Elevations are referred to mean sea level U.S.C.G.S. datum 1009 above M.T.M.  
 Contour interval 5 feet.  
 6 foot depth curve shown thus .....  
 6 foot depth curve shown thus .....  
 Outer line of proposed channel shown thus .....  
 Distance in miles from mouth of river measured on center line of proposed channel shown thus (1.2)

**SNAKE RIVER, WASHINGTON - IDAHO MOUTH TO OREGON - WASHINGTON LINE REVIEW REPORT**

IN 15 SHEETS SCALE 1:2,000 SHEET NO. 127

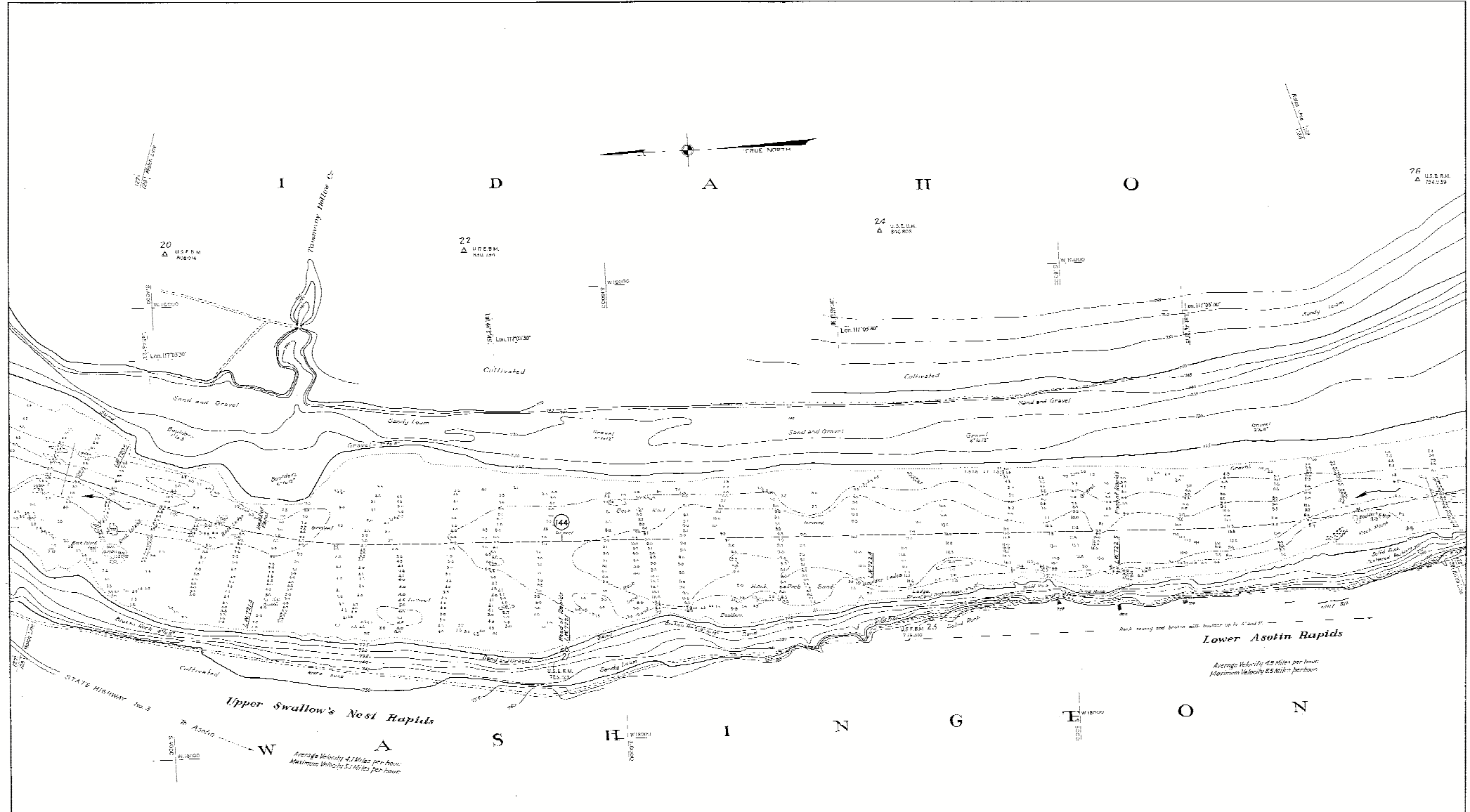
U. S. ENGINEER OFFICE, PORTLAND, OREGON, 1934.

Submitted: *Allen L. Dyer* Assistant Engineer  
*W. H. Williams* Major, Corps of Engineers

Drawn by J.M.S. Rut Transmitted with report dated June 10, 1934

SH-1-2/17 B  
H-9-2/127





Notes:  
 1. ELEVATIONS ARE IN FEET AND (LARGE) AND SHOW HEIGHT AT SHORTEST LOW WATER (LAW) 100 ON U.S. WEATHER BUREAU GAUGE AT SPokane, W. M. S. L. 1.  
 2. FIGURES IN PARENTHESES SHOW HEIGHT ABOVE LOW WATER. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (ORIGINATION) 1929.  
 3. CURVATURE INTENSAL 0.111.  
 4. 6 FOOT DEPTH CURVE SHOWN THUS: .....  
 5. 0 FOOT DEPTH CURVE SHOWN THUS: .....  
 6. CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: .....  
 7. DISTANCE IN MILES FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF PROPOSED CHANNEL SHOWN THUS: (14)

**SNAKE RIVER, WASHINGTON - IDAHO MOUTH TO OREGON - WASHINGTON LINE REVIEW REPORT**

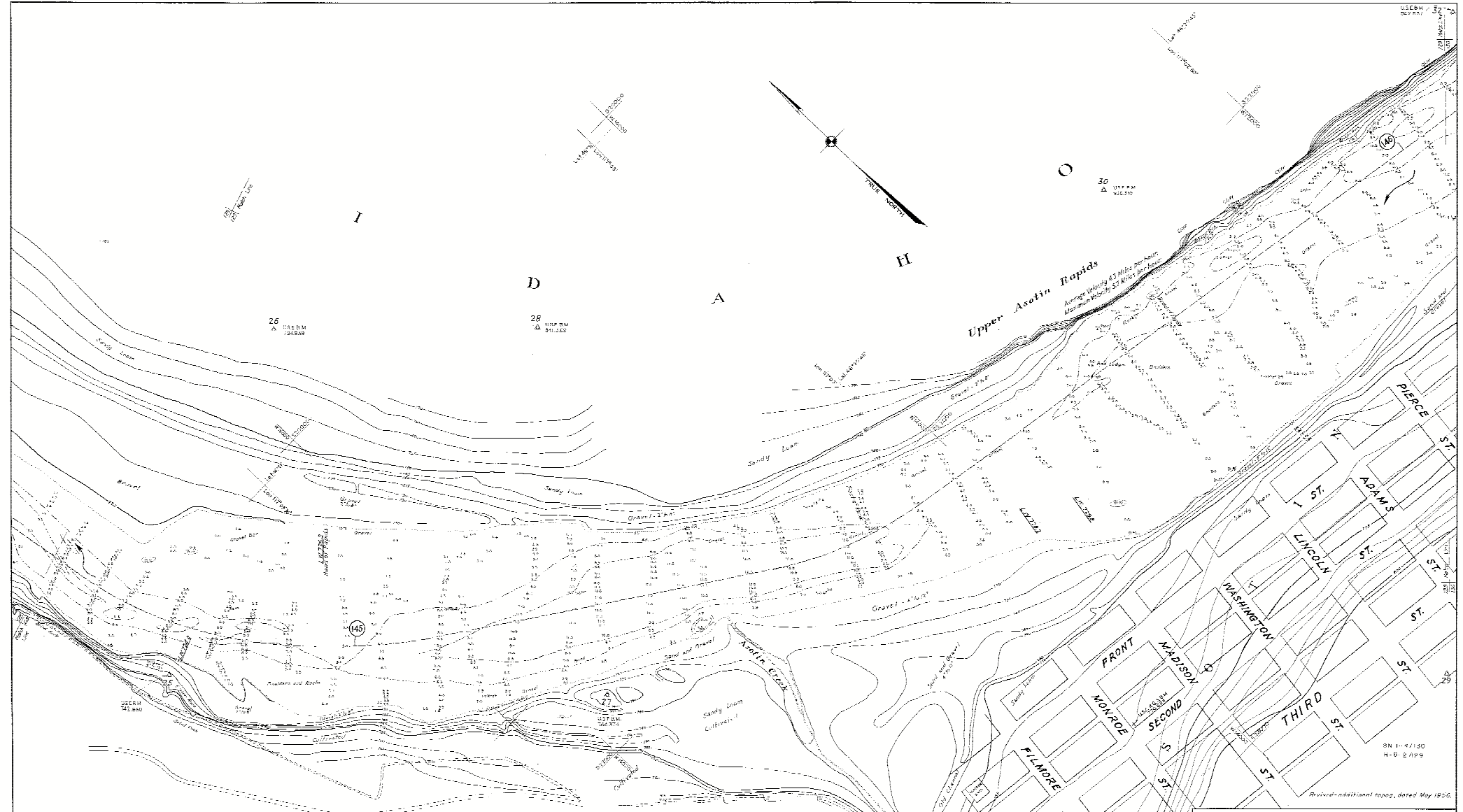
IN SHEETS SCALE 1:2000 SHEET NO 128

U. S. ENGINEER OFFICE, PORTLAND, OREGON, 1934.

Submitted: *Allen L. Durr* Approved: *W. H. Williams*  
 Major, Corps of Engineers Major, Corps of Engineers

Drawn by JMB HGF Transmitted with report dated June 10, 1934

511 1-4/129  
 H-9-2/128



WASHINGTON

**Notes**

Soundings are in FEET and TENTHS AND SHOW DEPTH AT ANCHORS AND "LITTLE FLAG" AS ON U.S. WEATHER BOUND SHEET AT ANCHORS. EL. SIDE = M.S.L.

FIGURES IN PARENTHESES THUS (145) SHOW HEIGHT ABOVE LOW WATER. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (U.S.C.G.S. DATUM 1929 ADJUSTMENT).

CONTOUR INTERVAL, 5 FEET.

S POOL CURVE SHOWN THUS.

W POOL DEPTH CURVE SHOWN THUS.

CENTER LINE OF PROPOSED CHANNEL SHOWN THUS.

DISTANCE IN FEET FROM MOUTH OF RIVER MEASURED ON VERTICAL LINE OF PROPOSED CHANNEL SHOWN THUS. (45)

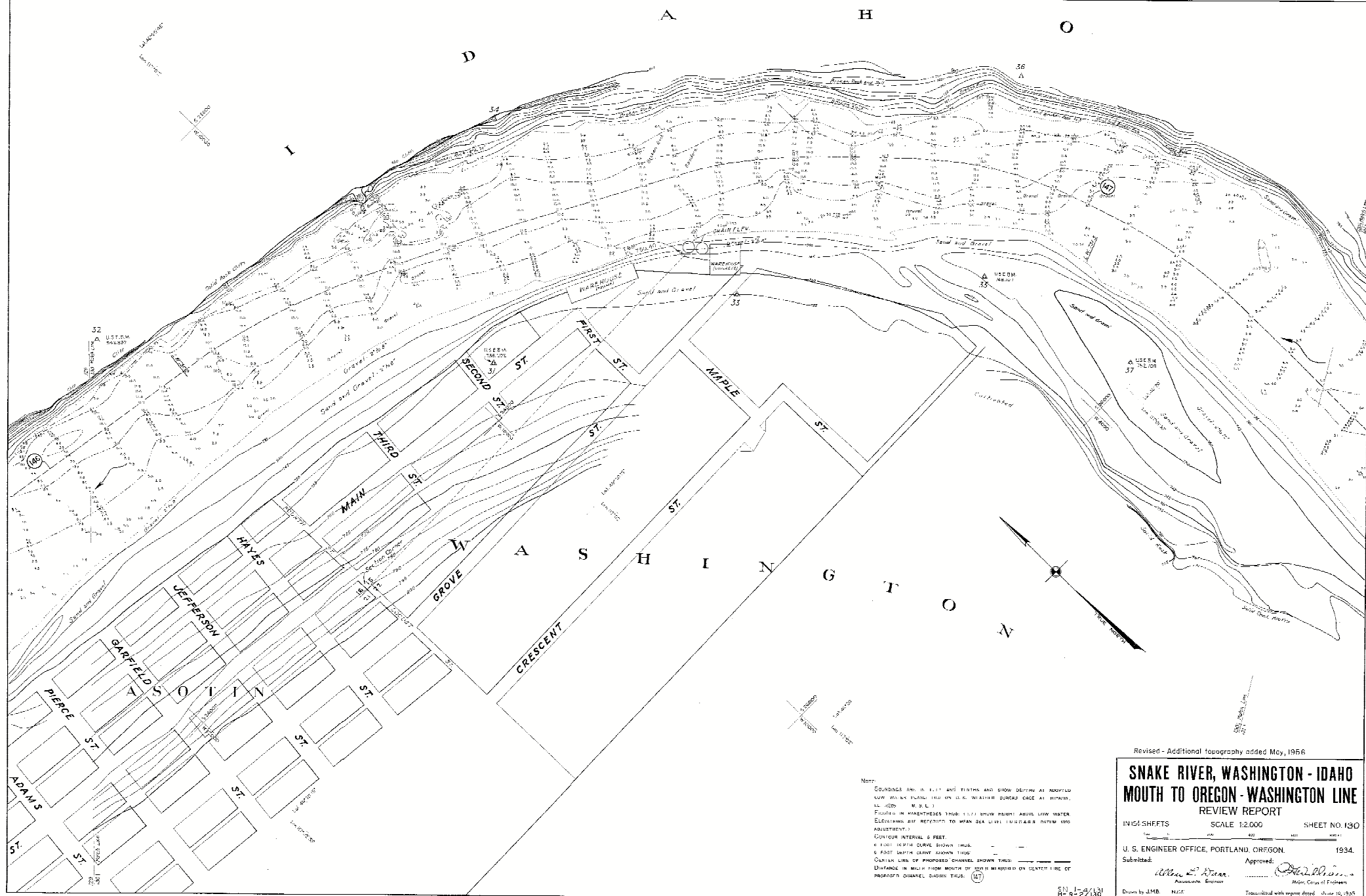
**SNAKE RIVER, WASHINGTON - IDAHO  
MOUTH TO OREGON - WASHINGTON LINE  
REVIEW REPORT**

IN 124 SHEETS      SCALE F 12,000      SHEET No. 129

U. S. ENGINEER OFFICE, PORTLAND, OREGON.      1934.

Submitted: *Allen L. Barr*      Approved: *W. Williams*  
 American Engineer      Major Corps of Engineers

Drawn by J.M.B.      No. 5      Transmitted with report dated June 15, 1933



Revised - Additional topography added May, 1956

**SNAKE RIVER, WASHINGTON - IDAHO  
MOUTH TO OREGON - WASHINGTON LINE  
REVIEW REPORT**

THIS SHEETS      SCALE 1:2,000      SHEET NO. 130

U. S. ENGINEER OFFICE, PORTLAND, OREGON.      1934.

Submitted: *Allen E. Dean*      Approved: *Arthur W. ...*  
Assistant Engineer      Major, Corps of Engineers

Drawn by JMB.      Transmitted with report dated June 10, 1935

**Notes:**  
 1. SOUNDINGS ARE IN FEET AND FEETINGS AND SHOW DEPTH AS ADJUSTED LOW WATER PLANE THEO ON U. S. WATER BUREAU GAGE AT HUPAHS, ILL. 1928 - M. S. L.  
 2. FIGURES IN PARENTHESES SHOW FEET ABOVE POINT ABOVE LOW WATER ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (NAD 1983 ADJUSTMENT).  
 3. CONTOUR INTERVAL 5 FEET.  
 4. 5 FOOT DEPTH CURVE SHOWN THIS.  
 5. 5 FOOT DEPTH CURVE SHOWN THIS.  
 6. CENTER LINE OF PROPOSED CHANNEL SHOWN THIS.  
 7. DISTANCE IN FEET FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF PROPOSED CHANNEL, SHOWN THIS.

SN-1-12/130  
R-9-2/130



Notes:  
 Contours are in feet and tenths and show depths at adopted low water from 100 on U.S. Weather Bureau base at Riggins, Id. 1925 (M.S.L.).  
 Figures in parentheses show feet above low water. Elevations are referred to mean sea level (U.S.C.G.S. datum) when applicable.  
 Channel depth 6 feet.  
 6 foot depth shown with  
 3 foot depth shown with  
 Certain line as proposed channel shown with  
 Distance in miles from mouth of river measured on center line of proposed channel shown with

**SNAKE RIVER, WASHINGTON - IDAHO**  
**MOUTH TO OREGON - WASHINGTON LINE**  
 REVIEW REPORT

11154 SHEETS      SCALE 1:2,000      SHEET NO. 131

U. S. ENGINEER OFFICE, PORTLAND, OREGON,      1934

Submitted: *Allen L. Davis*      Approved: *W. H. ...*  
 Associate Engineer      Major, Corps of Engineers

Drawn by J.M.B. N.W.I.      Transmitted with report dated June 10, 1935

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