

SNAKE RIVER, WASHINGTON - IDAHO MOUTH TO OREGON - WASHINGTON LINE INDEX MAP

SCALE 1" = 1 MILE

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

Submitted: _____ Approved: _____

Assistant Engineer Major, Corps of Engineers

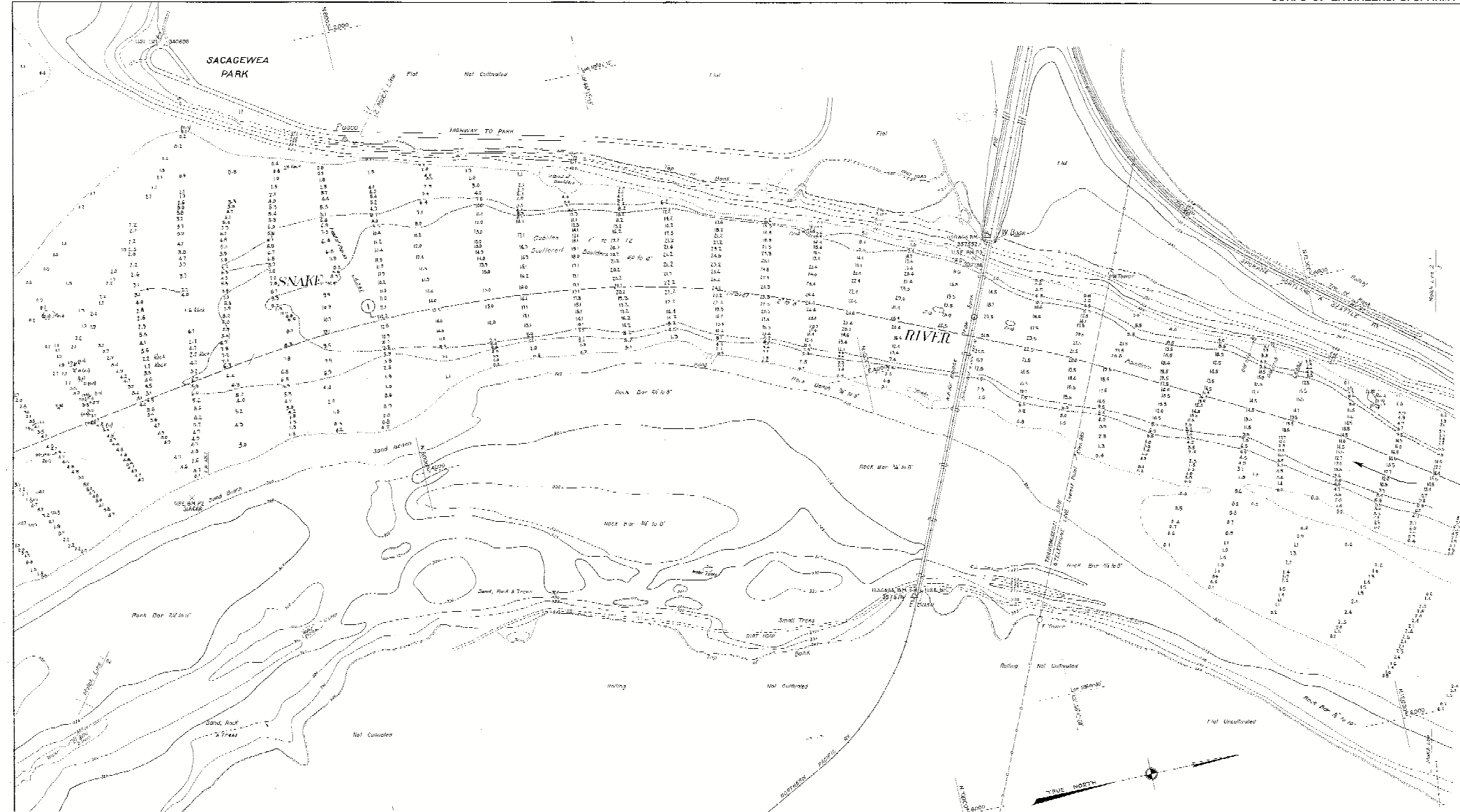
Drawn by _____

Transmitted with report dated June 10, 1934.

SN-1-471
E-9-1

SN-1-1270

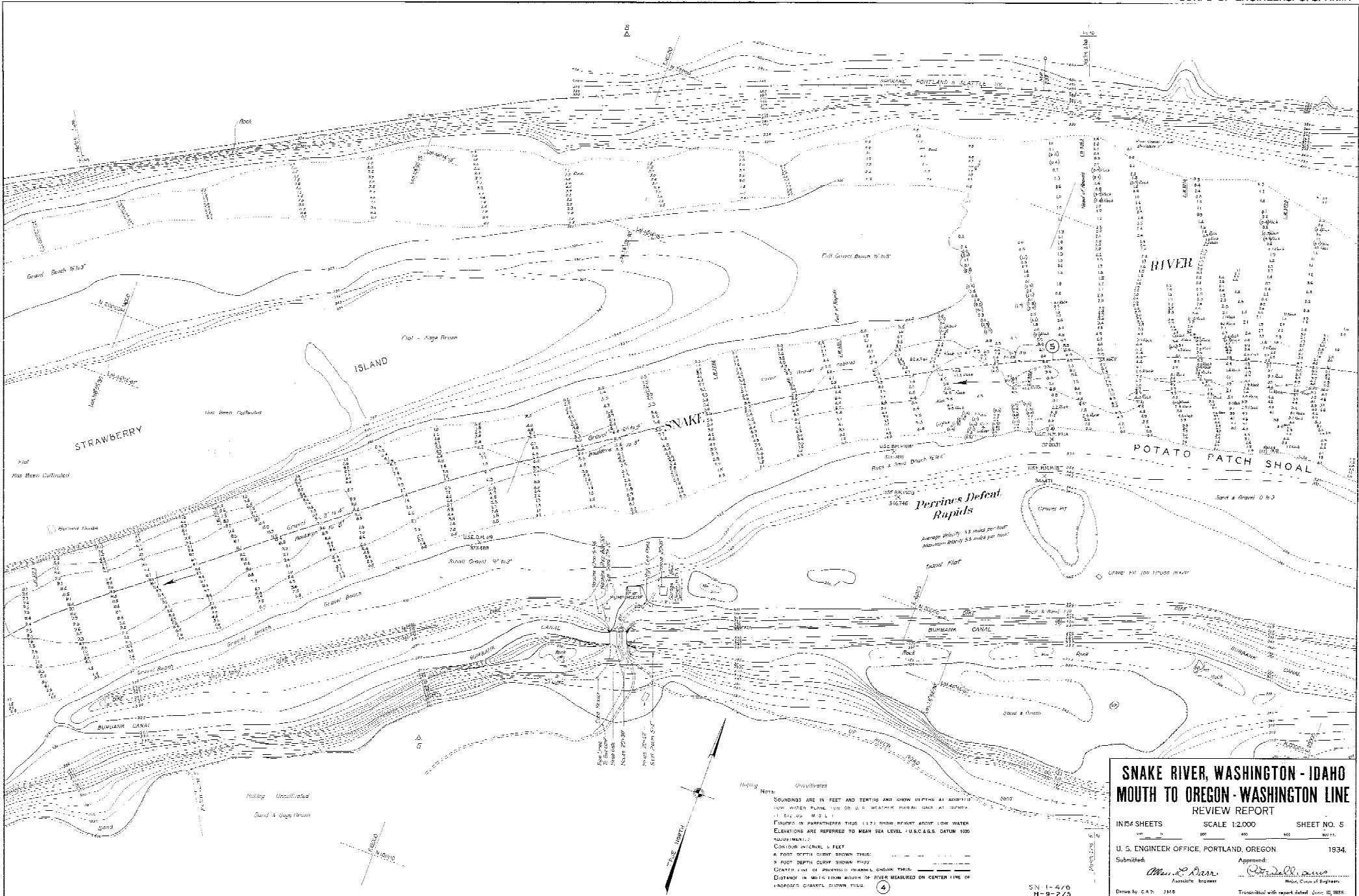




NOTES:
 SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT LOW WATER - MEAN FROM U. S. WEATHER BUREAU DATA AT MINIMA.
 1. 1/2 FT. CD. M. S. 1/4
 FIGURES IN PARENTHESES THUS (1.2) SHOW HEIGHT ABOVE LOW WATER.
 ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (INDICATED FROM 1929)
 CROSS BARS:
 CONTOUR INTERVAL: 10 FT.
 5 FOOT DEPTH CURVE SHOWN THUS:
 10 FOOT DEPTH CURVE SHOWN THUS:
 CENTER LINE OF PROPOSED CHANNEL (DASHED LINE)
 DISTANCE IN FEET FROM MOUTH OF RIVER MEASURED IN CENTER LINE OF PROPOSED CHANNEL SHOWN THIS:
 SN-1-4/3
 H-9-2/2



SNAKE RIVER, WASHINGTON - IDAHO MOUTH TO OREGON - WASHINGTON LINE
 REVIEW REPORT
 IN 845 SHILTS SCALE 12,000 SHEET NO. 2
 U. S. ENGINEER OFFICE, PORTLAND, OREGON, 1934.
 Submitted: *Alber R. Derr* Approved: *W. H. Wallace*
 Associate Engineer Major Chief of Engineers
 Drawn by C. A. B. SCY Transcribed with changes 8/24/34 June 1935.
 SN-1-12/2



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

INIS4 SHEETS SCALE 1:2,000 SHEET NO. 5

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

Submitted: *Wm. C. ...* Approved: *...*

Drawn by C.A.D. Transmitted with report dated June 12, 1935.

NOTES

1. SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT AVERAGE LOW WATER PLANE, LOW ON U.S. WEATHER BUREAU GAGE AT OREGON, 1.512 (M.S.L.).

2. FIGURES IN PARENTHESES THUS (17) SHOW HEIGHT ABOVE LOW WATER.

3. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (U.S.C.G.S. DATUM 1929 ADJUSTMENT).

4. CONTOUR INTERVAL IN FEET.

5. A FOOT DEPTH ABOVE SHOWN THIS: ————

6. A FOOT DEPTH BELOW SHOWN THIS: - - - - -

7. CENTER LINE OF PROPOSED CHANNEL SHOWN THIS: ————

8. DISTANCE IN METERS FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF PROPOSED CHANNEL SHOWN THIS: (4)

SN-1-4/6
M-9-7/5



POTATO PATCH SHOAL

SNAKE RIVER

RIVER

Five Mile Rapids

Note: *Rolling along Spring*
 SPANDINGS ARE IN FEET AND FATHOMS AND SHOW DEPTHS AT AVERAGE LOW WATER (MEAN TIDE) ON 10' WATERSHED RISE AT BARRAGE. FIGURES IN PARENTHESES SHOW 1:1.7' SHOW HEIGHT ABOVE LOW WATER. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (USCGC'S DATUM 1920 ADJUSTMENT).
 CHANNEL DEPTHS: 5 FEET
 10 FOOT DEPTH SHOWN THUS
 8 FOOT DEPTH CLAVE SHOWN THUS
 CENTER LINE OF PROPOSED CHANNEL SHOWN THUS
 CHANNELS IN WHITE FROM MOUTH TO RIVER MEASURED BY CENTER LINE OF PROPOSED CHANNEL, SHOWN THUS.

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

IN154 SHEET 15 SCALE 1:2000 SHEET NO. 6

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

Submitted: *Wm. L. Carr* Approved: *Wm. L. Carr*

Drawn by: C.A.B. J.S.B. Transmitted with report dated June 10, 1935.

SN-1-12/6



Five Mile Rapids

Wash. Reel
 Average Velocity 1.0 miles per hour
 Maximum Velocity 2.0 miles per hour

Depth	Velocity	Direction
10	1.0	SW
12	1.2	SW
14	1.4	SW
16	1.6	SW
18	1.8	SW
20	2.0	SW
22	2.2	SW
24	2.4	SW
26	2.6	SW
28	2.8	SW
30	3.0	SW
32	3.2	SW
34	3.4	SW
36	3.6	SW
38	3.8	SW
40	4.0	SW
42	4.2	SW
44	4.4	SW
46	4.6	SW
48	4.8	SW
50	5.0	SW
52	5.2	SW
54	5.4	SW
56	5.6	SW
58	5.8	SW
60	6.0	SW
62	6.2	SW
64	6.4	SW
66	6.6	SW
68	6.8	SW
70	7.0	SW
72	7.2	SW
74	7.4	SW
76	7.6	SW
78	7.8	SW
80	8.0	SW
82	8.2	SW
84	8.4	SW
86	8.6	SW
88	8.8	SW
90	9.0	SW
92	9.2	SW
94	9.4	SW
96	9.6	SW
98	9.8	SW
100	10.0	SW

Note:
 SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT ADOPTED LOW WATER PLANE, 100 ON U.S. WEATHER BUREAU GAGE AT BEND, OREGON.
 ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (U.S.C.G.S. DATUM 1929 ADJUSTMENT).
 CURVE INTERVAL 5 FEET
 5 FOOT DEPTH CURVE SHOWN THIN;
 9 FOOT DEPTH CURVE SHOWN THICK;
 QUANTITY SHOWN IN PARENTHESES BEHIND SOUNDING THIN;
 DISTANCE IN FEET FROM MOUTH OF RIVER MEASURING ON CENTER LINE IN PROPOSED CHANNEL SHOWN THICK.

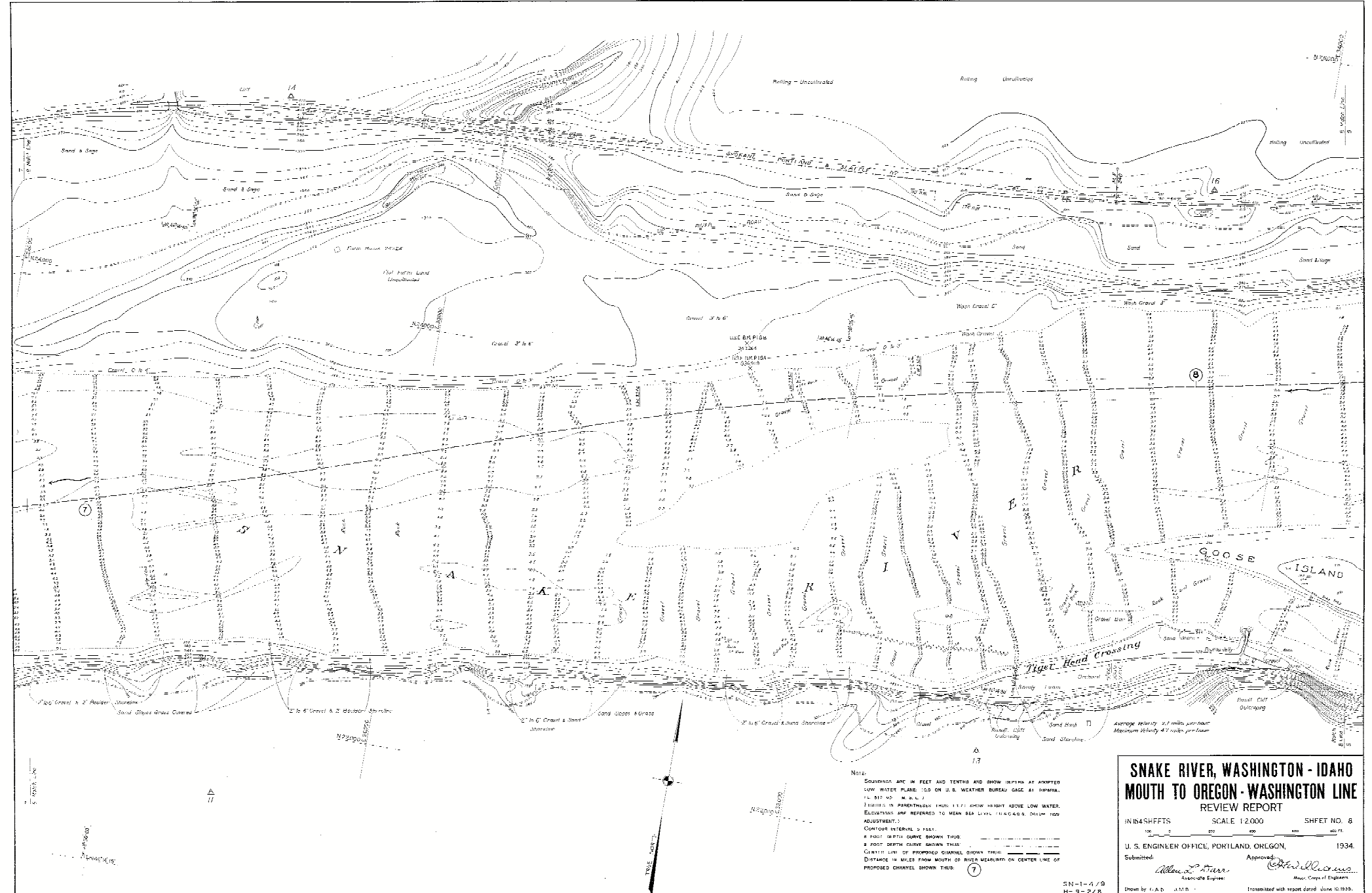
SNAKE RIVER, WASHINGTON - IDAHO MOUTH TO OREGON - WASHINGTON LINE REVISION REPORT

1154 SHEETS SCALE 12,000 SHEET NO. 7

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

Submitted: *Alfred J. Davis* Approved: *W. H. ...*
 Assistant Engineer Major, Corps of Engineers

Drawn by C.A.B. R.E.D. Transmitted with report dated June 10, 1934.



Note:
 SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT ADJUSTED LOW WATER PLANE, 1.00 ON U. S. WEATHER BUREAU GAGE AT IMPERIA, T. L. 317 NO. 1, M. S. L. J.
 ELEVATIONS IN PARENTHESES SHOW 1.177' ABOVE HIGHEST ABOVE LOW WATER. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL, 1940.000, DATUM 1900 ADJUSTMENT.
 CONTOUR INTERVAL, 5 FEET.
 2 FOOT DEPTH CURVE SHOWN THIS _____
 2 FOOT DEPTH CURVE SHOWN THIS _____
 CENTER LINE OF PROPOSED CHANNEL SHOWN THIS _____
 DISTANCE TO CENTER FROM MOUTH OF RIVER SHOWN ON CENTER LINE OF PROPOSED CHANNEL SHOWN THIS _____

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

IN 164 SHEETS SCALE 1:20,000 SHEET NO. 8

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

Submitted: *Alfred J. Starr* Associate Engineer Approved: *Richard L. ...* Major, Corps of Engineers

Drawn by: I. A. D. J. M. D. Transmitted with report dated June 10, 1935.

SN-1-4/9 H-9-2/8



Note
 NUMBERS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT EXPOSED
 LOW WATER PLANE (00 ON U.S. WEATHER ALBERT MAP AT MINIMA,
 PL. 215 65 M. S. L.)
 FIGURES IN PARENTHESES SHOW EXPOSED HEIGHT ABOVE LOW WATER.
 ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (TIDE GAUGE DATUM 1900
 ADJUSTMENT).
 CONTOUR INTERVAL: 4 FEET
 2 FOOT DEPTH CURVE SHOWN THRU
 A FEET OF ICE CURVE SHOWN THRU
 CENTER LINE IN CHANNELS SHOWN LINE
 DISTANCE IN MILES FROM MOUTH OF RIVER TO CENTER LINE OF
 CHANNEL COUNTED FROM THIS

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

11654 SHEETS SCALE 1:2000 SHEET NO. 9

U. S. ENGINEER OF ICE PORTS AND OREGON 1934

Submitted: *Allen K. ...* Approved: *William ...*
 Assistant Engineer Major Corps of Engineers

Drawn by CAP. R. B. Transmitted with report dated June 10, 1935.



Average Velocity 2.0 Miles Per Hour
 Maximum Velocity 2.6 Miles Per Hour

NOTE:
 SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT ADOPTED LOW WATER PLANE, 100 ON U. S. WEATHER BUREAU GAUGE AT RIPARIA, RL 515.00 M. S. L.
 FIGURES IN PARENTHESES (THUS 1.25) SHOW HEIGHT ABOVE LOW WATER. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL (USDA'S DATUM 1909 ADJUSTMENT.)
 CHANNEL INTERVAL, 0.5 FEET
 6 FOOT DEPTH CURVE SHOWN THUS
 6 FOOT DEPTH CURVE SHOWN THUS
 CENTER LINE OF SHALLOWS CHANNEL SHOWN THUS
 DISTANCE IN FEET FROM MOUTH OF RIVER MARKED ON CENTER LINE OF PROPOSED CHANNEL SHOWN THUS. (10)

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

IN 104 SHEETS SCALE 1:20,000 SHEET NO. 10

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

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

Drawn by: C. H. J. M. B. Transmitted with report dated June 10, 1934.

SN-1-12/11
 H-9-2/10



Gauge Island Rapids

Average Velocity 1.60 Miles Per Hour
 Maximum Velocity 2.4 Miles Per Hour

Note:
 SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTHS AT ADOPTED LOW WATER PLANE. (OO ON U.S. WEATHER BUREAU GAGE AT RIPARIA, W. 1/2 DEGREE N. 1/2 E.)
 FIGURES IN PARENTHESES IN THIS LIST SHOW HEIGHT ABOVE LOW WATER ELEVATION AND REFERENCE TO MEAN SEA LEVEL - U.S.C.G.S. GULLY FROM ADJUSTMENT.
 COURTESY INTENSIVE 5 FEET.
 6 FOOT DEPTH CURVE SHOWN TRUE.
 3 FOOT DEPTH CURVE SHOWN TRUE.
 CENTER LINE OF PROPOSED CHANNEL SHOWN TRUE.
 DISTANCE IN MILES FROM MOUTH OF RIVER MEASURED ON CENTER LINE OF PROPOSED CHANNEL SHOWN TRUE. (1)

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

1154 SHEETS SCALE: 1:2,000 SHEET NO. 11

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

Submitted: *Alfred B. ...* Approved: *Frederick ...*
 Assistant Engineer Chief of Engineers

Drawn by: S.A.T. J.M.B. Transmitted with report dated June 14, 1935.

SN-1-4/12
 H-9-2/11