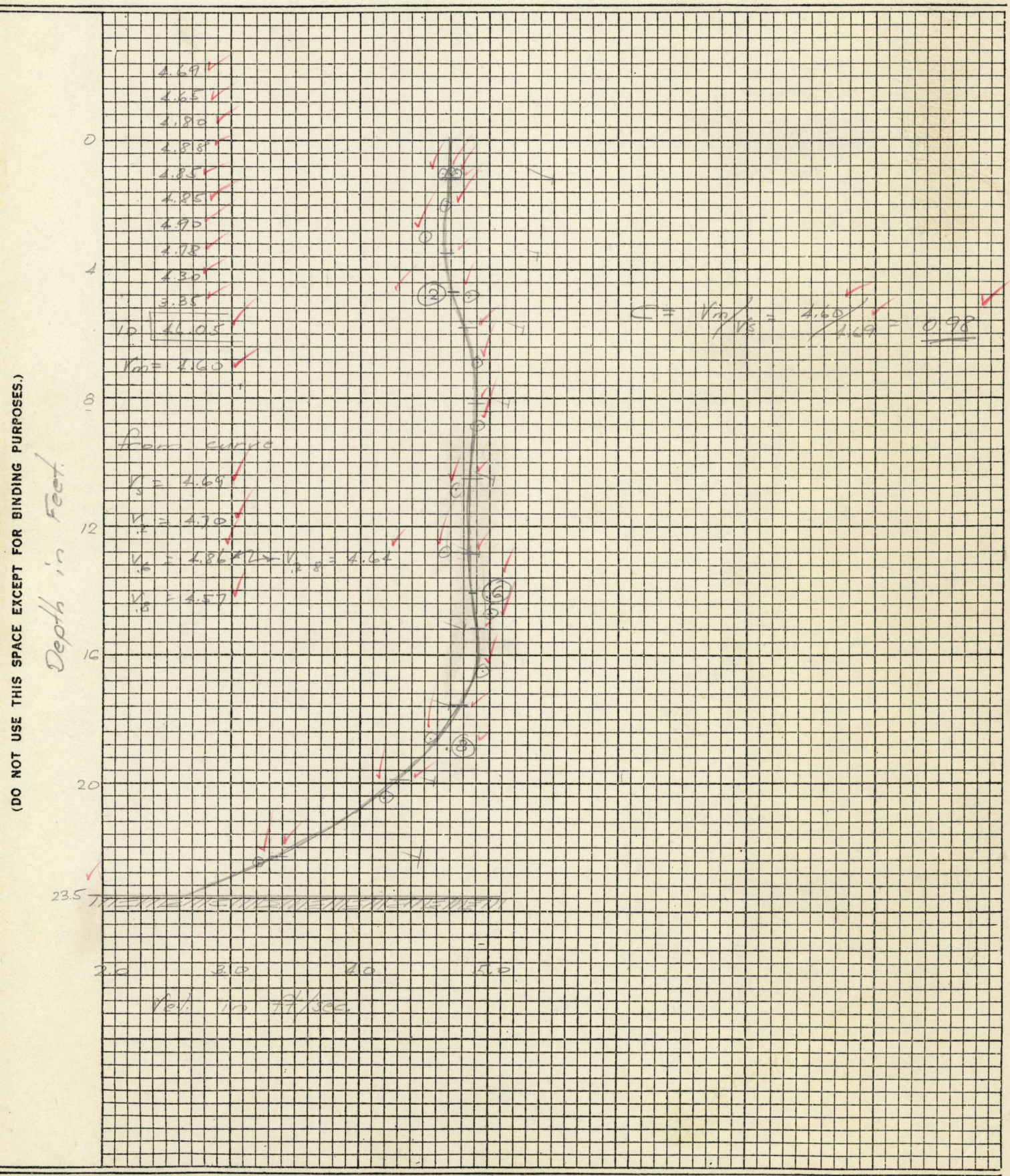
9-213-A

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

May 4, 1942

File Number { Washington ____ District ____

Brazos River at Richmond, Tex. Sta 240 at cableway G.H. 21.5



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July, 1914. Sheet No. 1 of 2 Sheets. Prepared by W.H.G. Date 6-12-42 Checked by L.L.McD Date 7/21/42

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January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date May 4, 1942 **DISCHARGE MEASUREMENT NOTES**

Brazos River, at Richmond, Tex

Dist. from initial point	Angle coefficient	Depth	Depth of observation	Revolutions	Time in seconds	VELOCITY At point	VELOCITY Mean in vertical	VELOCITY Mean in section	Area	Mean depth	Width	Discharge
									Meter 1348			9/8/41
	Start		11:10 am			WS 29'						
Sta	Drag							Vert ∠	Air Corr.	W.L. D.	Water Corr	Corr. depth
240	1'		1.0	100	46	4.74		–	–	–	–	1.0
	4½	24.0	23.0	80	54½	3.21		9°	.4	22.6	.1	22.5
	4½		21.0	100	52	4.19		9°	4	20.6	.1	20.5
	4'		19.0	100	48	4.54		8	.3	18.7	.1	18.6
	4½		17.0	100	44	4.95		9°	.4	16.6	.1	16.5
	4'	23.5	15.0	100	43½	5.00		8	.3	14.7	–	14.7
	3½		13.0	100	47	4.64		7	.2	12.8	–	12.8
	3		11.0	100	46	4.74		6	.2	10.8	–	10.8
	2½		9.0	100	44½	4.90		5	.1	8.9	–	8.9
	2½		7.0	100	44½	4.90		5	.1	6.9	–	6.9
	2	Corr depth	5.0	100	45	4.84		4	.1	4.9	–	4.9
	1½		3.0	100	48½	4.50		3	–	–	–	3.0
	1		2.0	100	47	4.64		2	–	–	–	2.0
	1		1.0	100	46½	4.69		2	–	–	–	1.0
			1.0	100	47	4.64		–	–	–	–	1.0

Finish 11:30 am

WW 21.47
Tape 21.49 } @ 11:45 am
OB 21.45 ± 0

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