

Measurements to project the center line of 24th Street (Washington to Wall) to Bluff. Most of Mober River and distance - Projected line and measurement on line two feet south of center line of 24th -

Transit 2' South of Monument at 24th + Wall - Back sight to point 2' South of Monument Cor 24th + Washington -

Aug 24th 91

Sta	Stone Dist.	Vert. Angle	Temp.	Temp. Cor. ±	Dist. Cor. letter	True Dist.
0						
2	200	0°18'	95	+0.037	-.003	
4	200	"	"	+0.037	-.003	
6	200	"	"	+0.037	-.003	
8	200	"	"	+0.037	-.003	
9	100	1°55'	95	+0.037	-1.056	
10	100	0°00'	92	+0.033	0.000	
12	200	0°00'	92	+0.032	—	
14	200	0°06'	91	+0.031	—	
16	200	1°04'	96	+0.038	-0.34	
18	200	0°00'	74	+0.035	—	
20	200	0°00'	"	+0.035	—	
21	100	0°35'	93	+0.034	-0.610	
	2100			+4.23	-.112	2100.311
	Dist. A.C. (incl. page)					732.02
	Total Dist. Wall Ave. to hub on Bluff =					2832.83

N.B. The temperature readings are low and 3° higher than standard thermom. therefore correcting the final result for this 3° gives the corrected final distance = 2832.87

Note: - The double centered line from Wall Ave west 2100.311 feet was double centered to a hub on bluff west of River. A true line from west end of the above 2100.311 feet runs was laid off + the distance to hub on bluff in the notes of which are on p. 30. The hub as set by double centered line

2145 Reference point also reference point 70' high 5 feet Sta 21 = Point A for triangulation

→ was only intended as approximate alignment. For exact alignment subsequent the transit was set over hub on bluff. The heliotrop set far back sight at Wash. Ave and 24th and with Rod at Wall + 24th St. the transit was adjusted to the exact line which was 0.07 ft. with of approximate hub, which was accordingly adjusted to the exact line.