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Having found new point or line - I set transit on new line at Hall - Heliotrope at Washington + 21° - I find Monument point at Lincoln + 21° 0.35 too far North

Transit on new point at Lincoln - F.S. on Washington - find Monument at Grant 0.14 North of new line -

Transit at new pt on Lincoln F.S. as before I find old pt. 0.145 South of new line at Adams - Checked by lining up transit at Adams - with sights at Hall + Adams - find old point at Jefferson 0.265 too far South

Sight at Adams - Distances at Jefferson - double-centred point on Madison - found old point 0.455 too far South

Sight at Jefferson - Transit new point on Madison - find old point on Monitor 0.58 too far South

Sight (Heliotrope) at Jefferson - Plum line at Monitor - Transit at Quincy - I line in and find old point 0.705 South

B42

Notes of Location of 28th Street Monuments - Aug 29th '91 - CHA. 38

Heliotrope 10 feet West of C. Mon. No 48 at 35th St - Transit at new point on Monument 10 ft N. of center 28th + 10 ft W. Center Washington, I turn 90° angles to right at Hall + 26th and average them as follows:

The distances being points marked by angles - North or South from present point on Monument at this corner, viz:-

1st Set		2nd Set		
90°	3	90°	4	inches S
180	1	180	1 1/2	" "
270	7	270	1 1/2	" N
360	0	360	3 1/4	" S
	4 1/2		4 1/2	Totals
	2.75		1.81	Averages
			2.25	
		2)	4.56	Grand total
			2.285	Final Mean

2.28 inches = 2 1/32 inches south of hole in old Monument - 0.19

To Check Grant and Lincoln by this new line - I put sight - sky light at new point on Hall - Transit at Washington + new point on Grant successively - and find old points North of new line as follow - on Grant 0.03 - Lincoln 0.04 (over)