

Aug 31<sup>st</sup> + Sept 1<sup>st</sup> -

Continued from last page -

Heliotrope on new point Cor 28<sup>th</sup> + Hall  
 Transit 10 ft N of Monument Cor +  
 Madison + 28<sup>th</sup> - and sights on  
 Monument 10' N. Center 28<sup>th</sup> on  
 Washington - I use in transit and  
 find new point 0.038 N. of old point

Transit + Heliotrope same - I find  
 new point and old point identical  
 on Adams + 28<sup>th</sup>

No monument at Jefferson + 28<sup>th</sup>

Transit + Heliotrope same - I reverse  
 and double center new point at  
 28<sup>th</sup> + Monroe - and find same  
 0.05 North of old point -

Heliotrope at New Point on Madison  
 sights at New point on Monroe -  
 I use transit in on Quincy and  
 find new point 0.05 North of old point

1342

Measurements to check distances  
 between monuments on 28<sup>th</sup> St -

beginning at Old point on Washington - thru West  
 200 foot band chain - 16<sup>th</sup> division Sept 2, 1891

Sta	Dist	Vertical	Temp	Corr for Hor.	Corr for Temp	Total Corradn	Page 39
0				-	+		Corrected distance = 769.064
2	200	0°13'	108°				
4	200	"	"				
6	200	"	"				To Monument - Cor. Grant
7+68 <sup>85</sup>	168 <sup>96</sup>	"	"	0.047	.2089	+2042	
Meaning back & check - Grant & Washington							
0	200	0°13'	108°				Corrected Dist = 769.054
2	200	"	108				
6	200	"	108				
7+68 <sup>85</sup>	168 <sup>85</sup>	"	108	0.047	.2089	+2042	

Mean of above corrected distances = 769.059  
 Washington to Grant (See page 43 for check)

Grant and old point West & Lincoln old pt

0		0°26'					Corrected Dist = 766.155
2	200	0°26'	170°			.0572	
4	200	"	112°			.0599	
6	200	"	112°			.0220 .0599	Corrected Dist = 766.158
7+65 <sup>95</sup>	165 <sup>95</sup>	"	112°			.0498 +2048	
Back - Lincoln to Grant							
0		0°26'					Corrected Dist = 766.158
765 <sup>95</sup>	765 <sup>95</sup>	"	112°			.0220 .2298 +2078	

Mean of above two corrected Distances = 766.156

Lincoln to Wall

2	200	0°12'	112°			.0599	Corrected Dist = 765.281
4	200	"	114			.0626	
6	200	"	116			.0653	
7+65 <sup>95</sup>	165 <sup>95</sup>	"	116			.0540 +2313	

Wall to Lincoln

0							Corrected Dist = 765.327	
2	300	0°18'	116°			.0653		
4	200	"	118			.0681		
7+	365 <sup>96</sup>	"	118	.2165		1241 +2470	Mean	
							2575	= 765.294