

Cox #11 -  
 Transit 0.255 E. of old point on 28<sup>th</sup> + Wall  
 Helio. 0.460 N. of " " " 21<sup>st</sup> " "  
 First new point " 25<sup>th</sup> " "  
 0.055 E. of old point to check

Transit line on Wall Ave to 43 -  
 determine position of monuments with  
 reference to a true parallel with  
 center of Washington Ave -  
 Sept 7<sup>th</sup> 1891 -

Heliotrope 0.460 West of Monument at  
 corner Wall + 21<sup>st</sup> - and Transit  
 0.255 East of Monument at Wall + 28<sup>th</sup>  
 I locate intersections of 27<sup>th</sup> - 26<sup>th</sup>  
 25<sup>th</sup> etc in succession - moving  
 up transit at each successive  
 point with following results -

Transit at	Distance	Direction
Transit at 28 <sup>th</sup>	0.255	E. of old point
Intersect Center line 27 <sup>th</sup> St	0.188 ft	E. of old point
" " " 26 <sup>th</sup> "	0.095 "	" " "
" " " 25 <sup>th</sup> "	0.065 "	" " "
" " " 24 <sup>th</sup> "	0.072 "	W " "
" " " 23 <sup>rd</sup> "	0.092 "	" " "
" " " 22 <sup>nd</sup> "	0.317 "	" " "

Standard Measured on 28<sup>th</sup> St  
 from Washington to Grant - to check  
 measure on Page 39 - which was  
 taken under high temperature

Measured	Slope	Temperature
Grant to Washington 769.00	0'11"	76°
Washington to Grant 769.00	0'11"	76°

Correction for slope	- 0.039
" " Temperature	+ 0.419
Final correction	+ 0.380

Final corrected distance = 769.038

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