

$\pi @ 31N$

31K	D	0° 00' 12"	17"	
	R	180° 00' 22"		
30A	D	138° 48' 50"	53.5"	
	R	318° 48' 57"		
	M	138° 48' 36.5"		
31K	D	90° 05' 42"	14	
	R	270° 05' 47"	44.5"	
30A	D	228° 54' 10"	14.5	24th Viaduct
	R	48° 54' 19"		
	M	138° 48' 30"		
	F.M	138° 48' 33.25"		✓

Dist to 31K = 1977.59
 Dist to 30A = 2076.79

24th Viaduct

$\pi @ 31L$

31K	D	0° 00' 12"	16.5"	
	R	180° 00' 21"		
31M	D	170° 24' 53"	58.5"	
	R	350° 25' 04"		
	M	170° 24' 42"		
31K	D	90° 05' 40"	43.5"	
	R	27° 05' 47"		
31M	D	260° 30' 21"	25.5"	
	R	80° 30' 30"		
	M	170° 24' 42"		✓
	F.M	170° 24' 42"		

Dist to 31K = 558.56
 Dist to 31M = 1135.65

$\pi @ 31D$

31B	D	0° 00' 06"	14"	
	R	180° 00' 20"		
Center 31 sand stone	D	151° 32' 28"	24.5	
	R	331° 32' 29"		
	M	151° 32' 14.5"		