

PERMANENT WAY  
NOTES.

OFFSETS (6)

1620'-3000'  
RADIUS

RADIUS R	T A N G E N T L E N G T H (T)										RADIUS R
	40'	80'	120'	160'	200'	240'	280'	320'	360'	400'	
1620'	6"	1'-11 1/4"	4'-5 1/2"	7'-10"	12'-4 1/2"	17'-10 1/2"	24'-4 1/2"	31'-11"	40'-6"	50'-2"	162
1640'	6"	1'-11 1/2"	4'-4 3/4"	7'-9 3/4"	12'-3"	17'-7 3/4"	24'-1"	31'-6 1/4"	40'-0"	49'-6 1/4"	164
1660'	5 3/4"	1'-11 1/4"	4'-4"	7'-8 3/4"	12'-1 1/2"	17'-5 1/2"	23'-9 1/2"	31'-1 1/2"	39'-6"	48'-11"	166
1680'	5 3/4"	1'-11"	4'-3 1/2"	7'-7 3/4"	11'-1 1/2"	17'-2 3/4"	23'-6"	30'-9"	39'-0 1/4"	48'-3 3/4"	168
1700'	5 3/4"	1'-10 3/4"	4'-3"	7'-6 3/4"	11'-9 3/4"	17'-0 1/4"	23'-2 3/4"	30'-4 3/4"	38'-6 1/2"	47'-8 1/4"	170
1720'	5 3/4"	1'-10 1/4"	4'-2 1/4"	7'-5 1/2"	11'-8"	16'-10"	22'-11 1/4"	30'-0 1/4"	38'-1 1/4"	47'-2"	172
1740'	5 1/2"	1'-10"	4'-1 3/4"	7'-4 1/2"	11'-6 1/2"	16'-7 1/2"	22'-8 1/4"	29'-8 1/4"	37'-7 1/4"	46'-7 1/4"	174
1760'	5 1/2"	1'-9 3/4"	4'-1 1/4"	7'-3 1/2"	11'-4 3/4"	16'-5 1/4"	22'-5"	29'-4"	37'-2 1/2"	46'-0 1/4"	176
1780'	5 1/2"	1'-9 1/2"	4'-0 1/2"	7'-2 3/4"	11'-3 1/4"	16'-3"	22'-2"	29'-0"	36'-9 1/2"	45'-6 1/4"	178
1800'	5 1/2"	1'-9 1/4"	4'-0"	7'-1 1/2"	11'-1 1/4"	16'-1"	21'-11"	28'-8"	36'-4 1/2"	45'-0"	180
1820'	5 1/4"	1'-9 1/4"	3'-11 1/2"	7'-0 1/2"	11'-0 1/4"	15'-10 3/4"	21'-8"	28'-4 1/2"	35'-11 1/2"	44'-6"	182
1840'	5 1/4"	1'-9"	3'-11"	6'-11 3/4"	10'-11"	15'-8 3/4"	20'-5 1/4"	28'-0 1/2"	35'-6 3/4"	44'-0 1/4"	184
1860'	5 1/4"	1'-8 3/4"	3'-10 1/2"	6'-10 3/4"	10'-9 1/2"	15'-6 1/2"	20'-2 1/2"	27'-8 3/4"	35'-2"	43'-6 1/4"	186
1880'	5 1/4"	1'-8 1/2"	3'-10"	6'-9 3/4"	10'-8 1/4"	15'-4 1/2"	20'-11 1/2"	27'-5 1/4"	34'-9 1/2"	43'-0 1/2"	188
1900'	5"	1'-8 1/4"	3'-9 1/2"	6'-9"	10'-6 3/4"	15'-2 3/4"	20'-9"	27'-1 1/4"	34'-5"	42'-7 1/4"	190
1920'	5"	1'-8"	3'-9"	6'-8 1/4"	10'-5 1/2"	15'-0 3/4"	20'-6 1/4"	26'-10 1/4"	34'-0 3/4"	42'-1 1/4"	192
1940'	5"	1'-7 3/4"	3'-8 3/4"	6'-7 1/4"	10'-4"	14'-11"	20'-3 3/4"	26'-6 3/4"	33'-8 1/2"	41'-8 1/4"	194
1960'	5"	1'-7 1/2"	3'-8 1/4"	6'-6 1/2"	10'-2 3/4"	14'-9"	20'-1 1/4"	26'-3 1/2"	33'-4"	41'-3"	196
1980'	4 3/4"	1'-7 1/2"	3'-7 3/4"	6'-5 3/4"	10'-1 1/2"	14'-7 1/4"	19'-10 3/4"	26'-0 1/2"	33'-0"	40'-9 1/4"	198
2000'	4 3/4"	1'-7 1/4"	3'-7 1/4"	6'-5"	10'-0 1/4"	14'-5 1/2"	19'-8 1/2"	25'-9 1/4"	32'-8"	40'-5"	200
RADIUS R	T A N G E N T L E N G T H (T)										RADIUS R
50'	100'	150'	200'	250'	300'	350'	400'	450'	500'		
2050'	7 1/4"	2'-5 1/4"	5'-6"	9'-9 1/4"	15'-3 1/2"	22'-0 3/4"	30'-1 1/4"	39'-5"	50'-0"	61'-11"	205
2100'	7 1/4"	2'-4 1/2"	5'-4 1/2"	9'-6 1/2"	14'-11 1/4"	21'-6 1/2"	29'-4 1/2"	38'-5 1/2"	48'-9 1/4"	60'-4 3/4"	210
2150'	7"	2'-4"	5'-3"	9'-4"	14'-7"	21'-0 1/2"	28'-8 1/4"	37'-6 1/2"	47'-7 1/2"	58'-11 1/2"	215
2200'	6 3/4"	2'-3 1/2"	5'-1 1/2"	9'-1 1/2"	14'-3"	20'-6 1/2"	28'-0 1/4"	36'-8"	46'-6 1/4"	57'-6 3/4"	220
2250'	6 3/4"	2'-2 3/4"	5'-0"	8'-11"	13'-11 1/4"	20'-1 1/4"	27'-4 3/4"	35'-10"	45'-5 1/2"	56'-3"	225
2300'	6 1/2"	2'-2 1/4"	4'-10 3/4"	8'-8 1/2"	13'-7 1/2"	19'-7 3/4"	26'-9 1/2"	35'-0 3/4"	44'-5 1/2"	55'-0"	230
2350'	6 1/4"	2'-1 1/2"	4'-9"	8'-6 1/4"	13'-4"	19'-2 3/4"	26'-2 1/2"	34'-3 1/2"	43'-6"	53'-9 3/4"	235
2400'	6 1/4"	2'-1"	4'-8"	8'-4 1/4"	13'-0 1/4"	18'-9 3/4"	25'-8"	33'-6 3/4"	42'-6 3/4"	52'-8"	240
2450'	6"	2'-0 1/2"	4'-7 1/4"	8'-2 1/4"	12'-9 1/2"	18'-5 1/4"	25'-1 1/2"	32'-10 1/2"	41'-8 1/4"	51'-6 3/4"	245
2500'	6"	2'-0"	4'-6"	8'-0 1/4"	12'-6 1/4"	18'-1"	24'-7 1/2"	32'-2 1/2"	40'-10"	50'-6"	250
2550'	6"	1'-11 1/2"	4'-5"	7'-10 1/4"	12'-3 1/2"	17'-8 1/2"	24'-1 1/4"	31'-6 3/4"	40'-0 1/4"	49'-6"	255
2600'	5 1/2"	1'-11 1/4"	4'-4"	7'-8 1/2"	12'-0 1/2"	17'-4 1/2"	23'-8"	30'-11 1/2"	39'-3"	48'-6 1/4"	260
2650'	5 3/4"	1'-10 3/4"	4'-3"	7'-6 3/4"	11'-9 3/4"	17'-0 1/2"	23'-2 1/2"	30'-4 1/4"	38'-6"	47'-7 1/4"	265
2700'	5 1/2"	1'-10 1/4"	4'-2"	7'-5"	11'-7 1/4"	16'-8 1/4"	22'-9 1/4"	29'-9 1/2"	37'-9 1/4"	46'-8 1/2"	270
2750'	5 1/2"	1'-9 3/4"	4'-1"	7'-3 1/4"	11'-4 3/4"	16'-5"	22'-4 1/4"	29'-3"	37'-0 1/4"	45'-10"	275
2800'	5 1/2"	1'-9 1/2"	4'-0 1/4"	7'-1 3/4"	11'-2"	16'-1 1/2"	21'-11 1/2"	28'-8 3/4"	36'-4 3/4"	45'-0"	280
2850'	5 1/4"	1'-9"	3'-11 1/2"	7'-0 1/4"	11'-0"	15'-10"	21'-6 3/4"	28'-2 1/4"	35'-9"	44'-2 1/2"	285
2900'	5 1/4"	1'-8 3/4"	3'-10 1/2"	6'-11"	10'-9 1/2"	15'-6 3/4"	21'-2 1/2"	27'-8 3/4"	35'-1 1/2"	43'-5 1/4"	290
2950'	5 1/4"	1'-8 1/4"	3'-9 3/4"	6'-9 1/4"	10'-7 1/4"	15'-3 1/2"	20'-10"	27'-3"	34'-6 1/4"	42'-8 1/4"	295
3000'	5"	1'-8"	3'-9"	6'-8"	10'-5 1/4"	15'-0 1/2"	20'-6"	26'-9 1/4"	33'-11 1/4"	41'-11 1/2"	300