

Benchmarks:

"□" Cut Top of Curb North End of Northwest Return at Highland Springs & Hardtner Elev. = 178.72 (City Datum)

"□" Cut Top of Curb West Side of Kentucky Lane ±20' South of End of Existing pavement. Elev. = 182.16 (City Datum)

P.V.I. Elev. = 182.40
No V.C.

P.V.I. Elev. = 182.85
64.56' V.C.

Scale: 1" = 20'
• = Iron

CAUTION!
Ex. 4" SemCrude Gas Line Crossing. Contractor to contact Aaron King with SemCrude at least 48 hours prior to construction at 316-323-6565.

Const. Full-Height Low Edge Median Curb & Cutter. (6-5/8") (See Detail, Sheet 6)

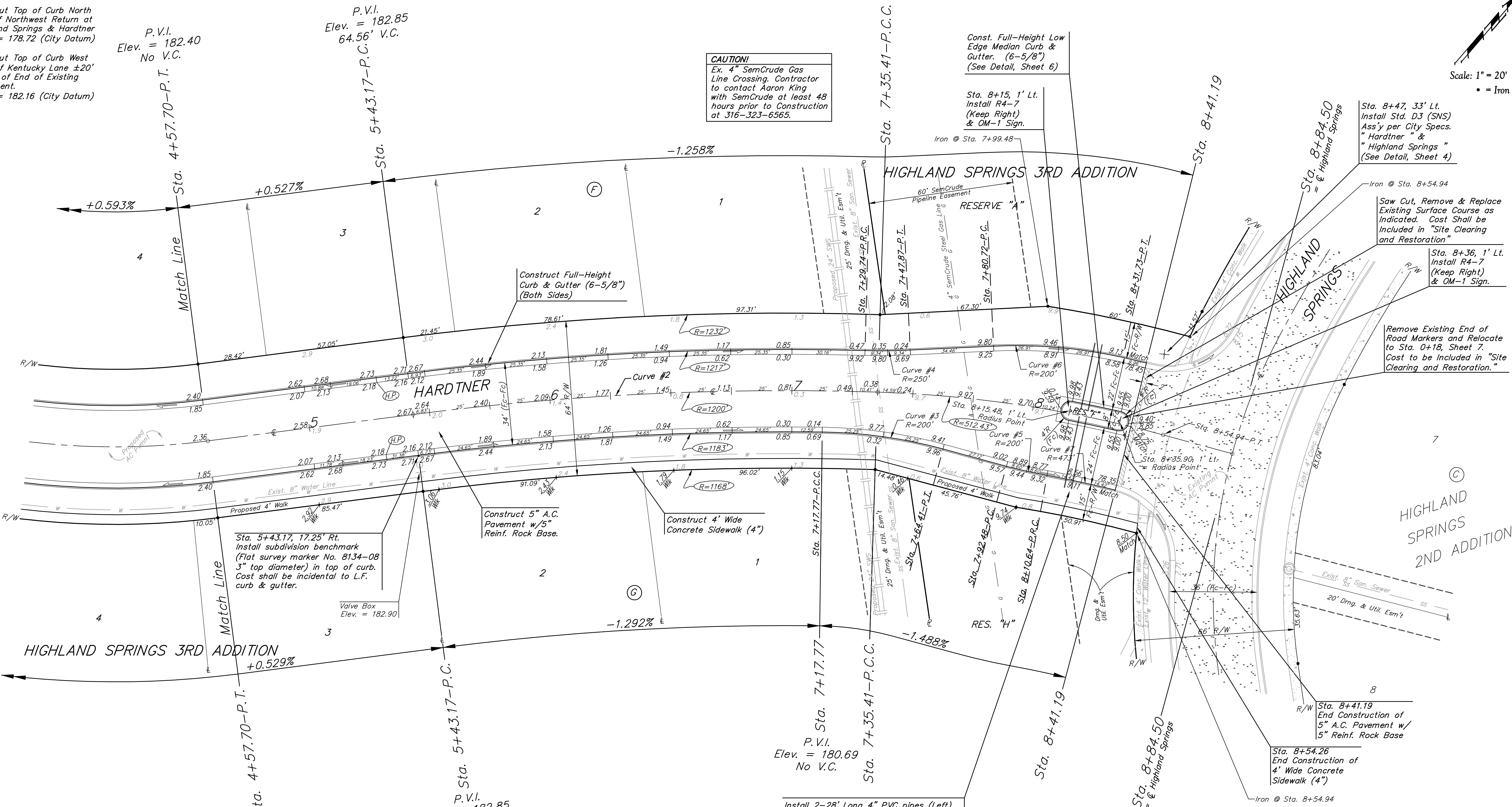
Sta. 8+15, 1' Lt. Install R4-7 (Keep Right) & OM-1 Sign.

Sta. 8+47, 33' Lt. Install Std. D3 (SNS) Ass'y per City Specs. "Hardtner" & "Highland Springs" (See Detail, Sheet 4)

Saw Cut, Remove & Replace Existing Surface Course as Indicated. Cost Shall be Included in "Site Clearing and Restoration."

Sta. 8+36, 1' Lt. Install R4-7 (Keep Right) & OM-1 Sign.

Remove Existing End of Road Markers and Relocate to Sta. 0+18, Sheet 7. Cost to be Included in "Site Clearing and Restoration."



Sta. 5+43.17, 17.25' Rt. Install subdivision benchmark (Flat survey marker No. 8134-08 3" top diameter) in top of curb. Cost shall be incidental to L.F. curb & gutter.

Construct 5" A.C. Pavement w/5" Reinf. Rock Base.

Construct 4' Wide Concrete Sidewalk (4")

Install 2-28' Long 4" PVC pipes (Left) & 2-30' long 4" PVC pipes (Right) under pavement. Cap each end. Mark Ends of Pipe with Wooden Stake Painted Pink. (Incidental to Project Cost)

Curve #2
Curve Data Based on Centerline
Rad. = 1200' Delta = 9° 10' 44" Tangent = 96.33'
Arc = 192.24' L.C. = 192.04' Def/Ft. = 1.43241 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8 Lt.	8 Rt.		
5+43.17	-	-	-	0'00"00"	0'00"00"
5+50.00	6.83'	6.97'	6.69'	0'09"47"	0'09"47"
5+55.00	10.00'	10.15'	9.80'	0'19"35"	0'19"35"
5+60.00	13.17'	13.33'	12.92'	0'28"58"	0'28"58"
5+65.00	16.34'	16.51'	16.04'	0'38"00"	0'38"00"
5+70.00	19.51'	19.69'	19.16'	0'46"43"	0'46"43"
5+75.00	22.68'	22.87'	22.28'	0'55"17"	0'55"17"
5+80.00	25.85'	26.05'	25.40'	1'03"41"	1'03"41"
5+85.00	29.02'	29.23'	28.48'	1'11"56"	1'11"56"
5+90.00	32.19'	32.41'	31.60'	1'20"11"	1'20"11"
5+95.00	35.36'	35.59'	34.72'	1'28"26"	1'28"26"
5+100.00	38.53'	38.77'	37.80'	1'36"41"	1'36"41"
5+105.00	41.70'	41.95'	40.88'	1'44"56"	1'44"56"
5+110.00	44.87'	45.13'	43.92'	1'53"11"	1'53"11"
5+115.00	48.04'	48.31'	46.96'	2'01"26"	2'01"26"
5+120.00	51.21'	51.49'	50.00'	2'09"41"	2'09"41"
5+125.00	54.38'	54.67'	53.04'	2'17"56"	2'17"56"
5+130.00	57.55'	57.85'	56.08'	2'26"11"	2'26"11"
5+135.00	60.72'	61.03'	59.12'	2'34"26"	2'34"26"
5+140.00	63.89'	64.21'	62.16'	2'42"41"	2'42"41"
5+145.00	67.06'	67.39'	65.20'	2'50"56"	2'50"56"
5+150.00	70.23'	70.57'	68.24'	2'59"11"	2'59"11"
5+155.00	73.40'	73.75'	71.28'	3'07"26"	3'07"26"
5+160.00	76.57'	76.93'	74.32'	3'15"41"	3'15"41"
5+165.00	79.74'	80.11'	77.36'	3'23"56"	3'23"56"
5+170.00	82.91'	83.29'	80.40'	3'32"11"	3'32"11"
5+175.00	86.08'	86.47'	83.44'	3'40"26"	3'40"26"
5+180.00	89.25'	89.65'	86.48'	3'48"41"	3'48"41"
5+185.00	92.42'	92.83'	89.52'	3'56"56"	3'56"56"
5+190.00	95.59'	96.01'	92.56'	4'05"11"	4'05"11"
5+195.00	98.76'	99.19'	95.60'	4'13"26"	4'13"26"
5+200.00	101.93'	102.37'	98.64'	4'21"41"	4'21"41"
5+205.00	105.10'	105.55'	101.68'	4'29"56"	4'29"56"
5+210.00	108.27'	108.73'	104.72'	4'38"11"	4'38"11"
5+215.00	111.44'	111.91'	107.76'	4'46"26"	4'46"26"
5+220.00	114.61'	115.09'	110.80'	4'54"41"	4'54"41"
5+225.00	117.78'	118.27'	113.84'	5'02"56"	5'02"56"
5+230.00	120.95'	121.46'	116.88'	5'11"11"	5'11"11"
5+235.00	124.12'	124.64'	119.92'	5'19"26"	5'19"26"
5+240.00	127.29'	127.82'	122.96'	5'27"41"	5'27"41"
5+245.00	130.46'	131.00'	126.00'	5'35"56"	5'35"56"
5+250.00	133.63'	134.19'	129.04'	5'44"11"	5'44"11"
5+255.00	136.80'	137.37'	132.08'	5'52"26"	5'52"26"
5+260.00	139.97'	140.55'	135.12'	6'00"41"	6'00"41"
5+265.00	143.14'	143.73'	138.16'	6'08"56"	6'08"56"
5+270.00	146.31'	146.91'	141.20'	6'17"11"	6'17"11"
5+275.00	149.48'	150.10'	144.24'	6'25"26"	6'25"26"
5+280.00	152.65'	153.26'	147.28'	6'33"41"	6'33"41"
5+285.00	155.82'	156.45'	150.32'	6'41"56"	6'41"56"
5+290.00	158.99'	159.64'	153.36'	6'50"11"	6'50"11"
5+295.00	162.16'	162.83'	156.40'	6'58"26"	6'58"26"
5+300.00	165.33'	166.01'	159.44'	7'06"41"	7'06"41"
5+305.00	168.50'	169.20'	162.48'	7'14"56"	7'14"56"
5+310.00	171.67'	172.39'	165.52'	7'23"11"	7'23"11"
5+315.00	174.84'	175.57'	168.56'	7'31"26"	7'31"26"
5+320.00	178.01'	178.75'	171.60'	7'39"41"	7'39"41"
5+325.00	181.18'	181.93'	174.64'	7'47"56"	7'47"56"
5+330.00	184.35'	185.11'	177.68'	7'56"11"	7'56"11"
5+335.00	187.52'	188.29'	180.72'	8'04"26"	8'04"26"
5+340.00	190.69'	191.47'	183.76'	8'12"41"	8'12"41"
5+345.00	193.86'	194.65'	186.80'	8'20"56"	8'20"56"
5+350.00	197.03'	197.83'	189.84'	8'29"11"	8'29"11"
5+355.00	200.20'	201.01'	192.88'	8'37"26"	8'37"26"
5+360.00	203.37'	204.19'	195.92'	8'45"41"	8'45"41"
5+365.00	206.54'	207.37'	198.96'	8'53"56"	8'53"56"
5+370.00	209.71'	210.56'	202.00'	9'02"11"	9'02"11"
5+375.00	212.88'	213.73'	205.04'	9'10"26"	9'10"26"
5+380.00	216.05'	216.91'	208.08'	9'18"41"	9'18"41"
5+385.00	219.22'	220.09'	211.12'	9'26"56"	9'26"56"
5+390.00	222.39'	223.26'	214.16'	9'35"11"	9'35"11"
5+395.00	225.56'	226.44'	217.20'	9'43"26"	9'43"26"
5+400.00	228.73'	229.61'	220.24'	9'51"41"	9'51"41"
5+405.00	231.90'	232.79'	223.28'	10'00"56"	10'00"56"
5+410.00	235.07'	235.97'	226.32'	10'09"11"	10'09"11"
5+415.00	238.24'	239.15'	229.36'	10'17"26"	10'17"26"
5+420.00	241.41'	242.33'	232.40'	10'25"41"	10'25"41"
5+425.00	244.58'	245.51'	235.44'	10'33"56"	10'33"56"
5+430.00	247.75'	248.69'	238.48'	10'42"11"	10'42"11"
5+435.00	250.92'	251.87'	241.52'	10'50"26"	10'50"26"
5+440.00	254.09'	255.05'	244.56'	10'58"41"	10'58"41"
5+445.00	257.26'	258.13'	247.60'	11'06"56"	11'06"56"
5+450.00	260.43'	261.31'	250.64'	11'15"11"	11'15"11"
5+455.00	263.60'	264.49'	253.68'	11'23"26"	11'23"26"
5+460.00	266.77'	267.67'	256.72'	11'31"41"	11'31"41"
5+465.00	269.94'	270.85'	259.76'	11'39"56"	11'39"56"
5+470.00	273.11'	274.03'	262.80'	11'48"11"	11'48"11"
5+475.00	276.28'	277.21'	265.84'	11'56"26"	11'56"26"
5+480.00	279.45'	280.39'	268.88'	12'04"41"	12'04"41"
5+485.00	282.62'	283.53'	271.92'	12'12"56"	12'12"56"
5+490.00	285.79'	286.71'	274.96'	12'21"11"	12'21"11"
5+495.00	288.96'	289.84'	278.00'	12'29"26"	12'29"26"
5+500.00	292.13'	292.93'	281.04'	12'37"41"	12'37"41"
5+505.00	295.30'	296.11'	284.08'	12'45"56"	12'45"56"
5+510.00	298.47'	299.29'	287.12'	12'54"11"	12'54"11"
5+515.00	301.64'	302.47'	290.16'	13'02"26"	13'02"26"
5+520.00	304.81'	305.65'	293.20'	13'10"41"	13'10"41"
5+525.00	307.98'	308.83'	296.24'	13'18"56"	13'18"56"
5+530.00	311.15'	311.89'	299.28'	13'27"11"	13'27"11"
5+535.00	314.32'	315.07'	302.32'	13'35"26"	13'35"26"
5+540.00	317.49'	318.25'	305.36'	13'43"41"	13'43"41"
5+545.00	320.66'	321.43'	308.40'	13'51"56"	13'51"56"
5+550.00	323.83'	324.61'	311.44'	14'00"11"	14'00"11"
5+555.00	327.00'	327.79'	314.48'	14'08"26"	14'08"26"
5+560.00	330.17'	330.97'	317.52'	14'16"41"	14'16"41"
5+565.00	333.34'	334.15'	320.56'	14'24"56"	14'24"56"
5+570.00	336.51'	337.33'	323.60'	14'33"11"	14'33"11"
5+575.00	339.68'	340.51'	326.64'	14'41"26"	14'41"26"
5+580.00	342.85'	343.64'	329.68'	14'49"41"	14'49"41"
5+585.00	346.02'	346.83'	332.72'	14'57"56"	14'57"56"
5+590.00	349.19'	350.01'	335.76'	15'06"11"	15'06"11"
5+595.00	352.36'	353.13'	338.80'	15'14"26"	15'14"26"
5+600.00	355.53'	356.31'	341.84'	15'22"41"	15'22"41"
5+605.00	358.70'	359.49'	344.88'	15'30"56"	15'30"56"
5+610.00	361.87'	362.67'	347.92'	15'39"11"	15'39"11"
5+615.00	365.04'	365.85'	350.96'	15'47"26"	15'47"26"
5+620.00	368.21'	369.07'	354.00'	15'55"41"	15'55"41"
5+625.00	371.38'	372.21'	357.04'	16'03"56"	16'03"56"
5+630.00	374.55'	375.39'	360.08'	16'12"11"	16'12"11"
5+635.00	377.72'	378.57'	363.12'	16'20"26"	16'20"26"
5+640.00	380.89'	381.75'	366.16'	16'28"41"	16'28"41"
5+645.00	384.06'	384.93'	369.20'	16'36"56"	16'36"56"
5+650.00	387.23'	388.11'	372.24'	16'45"11"	16'45"11"
5+655.00	390.40'	391.29'	375.28'	16'53"26"	16'53"26"
5+660.00	393.57'	394.47'	378.32'	17'01"41"	17'01"41"
5+665.00	396.74'	397.65'	381.36'	17'09"56"	17'09"56"
5+670.00	399.91'	400.83'	384.40'	17'18"11"	17'18"11"
5+675.00	403.08'	404.01'	387.44'	17'26"26"	17'26"26"
5+680.00	406.25'	407.19'	390.48'	17'34"41"	17'34"41"
5+685.00	409.42'	410.37'	393.52'	17'42"56"	17'42"56"
5+690.00	412.59'	413.55'	396.56'	17'51"11"	17'51"11"
5+695.00	415.76'	416.73'	399.60'	17'59"26"	17'59"26"
5+700.00	418.93'	419.91'	402.64'	18'07"41"	18'07"41"
5+705.00	422.10'	423.09'	405.68'	18'15"56"	18'15"56"
5+710.00	425.27'	426.27'	408.72'	18'24"11"	18'24"11"
5+715.00	428.44'	429.47'	411.76'	18'32"26"	18'32"26"
5+720.00	431.61'	432.61'	414.80'	18'40"41"	18'40"41"
5+725.00	434.78'	435.79'	417.84'	18'48"56"	18'48"56"
5+730.00	437.95'	438.97'	420.88'	18'57"11"	18'57"11"
5+735.00	441.12'	442.15'	423.92'	19'05"26"	19'05"26"
5+740.00	444.29'	445.33'	426.96'	19'13"41"	19'13"41"
5+745.00	447.46'	448.51'	430.00'	19'21"56"	19'21"56"
5+750.00	450.63'	451.67'	433.04'	19'30"11"	19'30"11"
5+755.00	453.80'	454.81'	436.08'	19'38"26"	19'38"26"
5+760.00	456.97'	457.97'	439.12'	19'46"41"	19'46"41"
5+765.00	460.14'	461.17'	442.16'	19'54"56"	19'54"56"</