

WATER VALVE LOCATION TABLE

VALVE NUMBER	STREET	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V1	Sheriac	1+60.00	24'	Rt.
V2	Wellcrest	5+28.00	25'	Rt.
V3	Wellcrest	5+83.15	25'	Rt.

BENCHMARKS:
 BM #1: City of Wichita disc top of headwall of RCBC 660± east of the SE Cor. of the SE1/4, SEC. 22, TWP. 27-S, R-2-W. Elev. = 1410.27 NAVD88

BM #2: 60d step nail in utility pole 28' east of Q 162nd St. W. and 26' north of Q of Maple. Elev. = 1417.99 NAVD88

Paving contractor will be responsible to operate all water valves on the project, in the presence of the inspector, to ensure accessibility to the valves, and that all valves (except blowoffs) are left in the "ON" position when the project is completed.

Sta 2+00.00, 30' Lt. Install Std. 9" SNS Assembly "Wellcrest" & Metro 9" SNS Assembly "Wellcrest Cir" (---) as per City specs.

Construct Std. Type A Wheelchair Ramp w/ Detectable Warnings (both sides) (See detail, sheet 19)

Sta. 1+74.07 = CL Wellcrest Cir.

Sta. 1+47.83

Construct Concrete Pavement (VG) 7" (Rein) on Crushed Rock Base 5", Reinforced with Concrete Curb, Mono Edge (6-5/8"). Transition from Concrete Curb, Mono Edge (6-5/8") to Concrete C & G, Comb. Type 2 (3-5/8") in 5', outside of valley gutter radius (both sides).

P.V.I. Elev. = 1421.65 No V.C.

Sta. 1+00.00-PC

P.V.I. Elev. = 1420.23 No V.C.

Sta. 0+62.67

Sta 0+69.00, 4' Lt.&Rt. Remove type 1 barricade w/ E.O.R. marker and relocate to Sta. 5+85.15, this sheet.

Sta 0+62.67, Begin construction of AC Pavement 5" (3" Bit Base) W/ Crushed Rock Base 5" and 5' Wide Concrete Sidewalk 4".

Saw cut, remove and replace 2' existing pavement as shown. To be incidental to "Site Restoration".

P.V.I. Elev. = 1424.50 No V.C.

Sta. 2+62.58

PIKE ADDITION

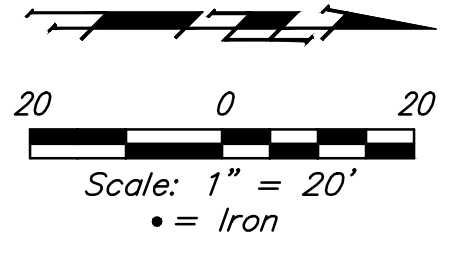
P.V.I. Elev. = 1425.10 No V.C.

Sta. 3+72.65

P.V.I. Elev. = 1426.00 No V.C.

Sta. 4+38.04

Baseline = CL Sheriac/Wellcrest



Manhole Top Elev. = 1427.80

Sta 5+85.15, 4' Lt.&Rt. Install type 1 barricade w/ E.O.R. marker as shown. Relocated from Sta. 0+69.00, this sheet. (See detail, sheet 17.)

Sta 5+83.15, End construction of AC Pavement 5" (3" Bit Base) W/ Crushed Rock Base 5" and 5' Wide Concrete Sidewalk 4".

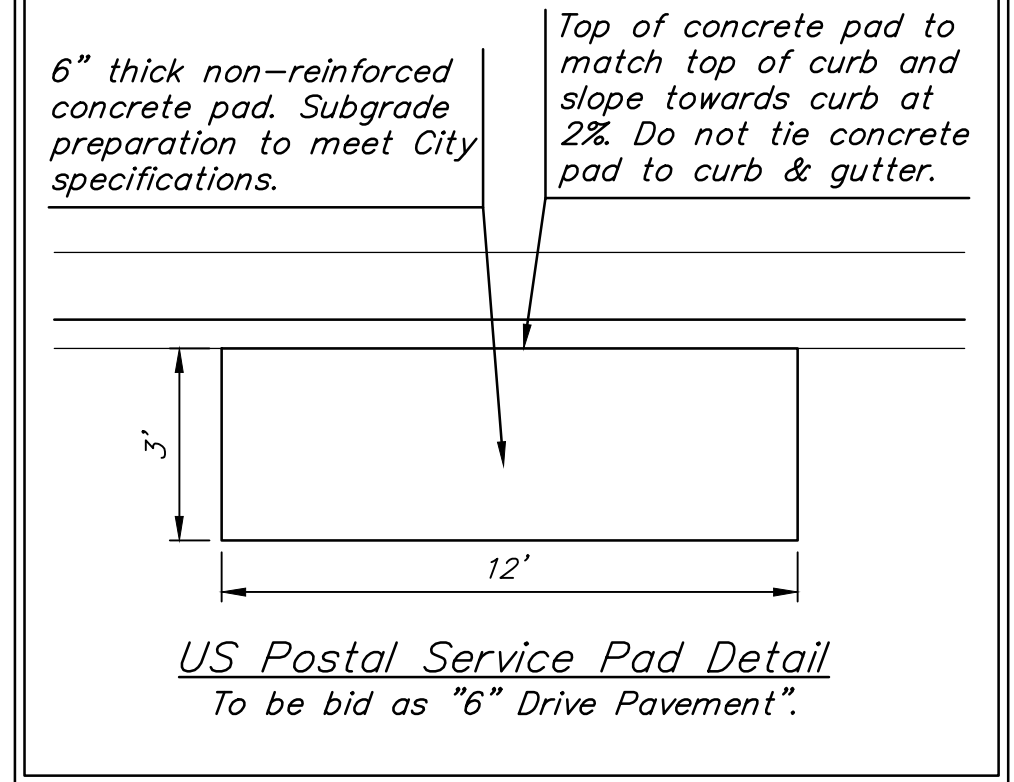
Valve Box Elev. = 1427.30

Curve #1
 Curve Data Based on Centerline
 Rad. = 120' Delta = 102°48'51" Tangent = 150.36'
 Arc = 215.33' L.C. = 187.58' Def./Ft. = 14.32418 Min.

Face Chord Lengths	Station	Arc	8' Left	8' Right	Defl.	Total Defl.
1+00.00	-	-	-	-	0°00'00"	0°00'00"
1+25.00	25.00'	30.15'	19.76'	19.76'	5°58'06"	5°58'06"
1+47.83	22.83'	27.55'	18.05'	18.05'	5°27'02"	11°25'08"
1+50.00	2.17'	2.62'	1.72'	1.72'	0°31'05"	11°56'13"
1+74.07	24.07'	29.04'	19.02'	19.02'	5°44'47"	17°41'00"
1+75.00	0.93'	1.12'	0.74'	0.74'	0°13'19"	17°54'19"
2+00.23	25.23'	30.43'	19.94'	19.94'	6°01'24"	23°55'43"
2+25.00	24.77'	29.88'	19.58'	19.58'	5°54'48"	29°50'31"
2+50.00	25.00'	30.15'	19.76'	19.76'	5°58'07"	35°48'38"
2+75.00	25.00'	30.15'	19.76'	19.76'	5°58'06"	41°46'44"
3+00.00	25.00'	30.15'	19.76'	19.76'	5°58'06"	47°44'50"
3+15.33	15.33'	18.51'	12.13'	12.13'	3°39'35"	51°24'25"

Curve #2
 Curve Data Based on Centerline
 Rad. = 800' Delta = 19°10'53" Tangent = 135.18'
 Arc = 267.82' L.C. = 266.57' Def./Ft. = 2.14861 Min.

Face Chord Lengths	Station	Arc	8' Left	8' Right	Defl.	Total Defl.
3+15.33	-	-	-	-	0°00'00"	0°00'00"
3+25.00	9.67'	9.37'	9.37'	9.37'	0°20'47"	0°20'47"
3+50.00	25.00'	24.22'	24.22'	24.22'	0°53'43"	1°14'30"
3+72.65	22.65'	21.94'	21.94'	21.94'	0°48'40"	2°03'10"
3+75.00	2.35'	2.28'	2.28'	2.28'	0°05'02"	2°08'12"
4+00.00	25.00'	24.22'	24.22'	24.22'	0°53'43"	3°01'55"
4+01.42	1.42'	1.38'	1.38'	1.38'	0°03'03"	3°04'58"
4+25.00	23.58'	22.84'	22.84'	22.84'	0°50'40"	3°55'38"
4+38.04	13.04'	12.63'	12.63'	12.63'	0°28'01"	4°23'39"
4+50.00	11.96'	11.59'	11.59'	11.59'	0°25'42"	4°49'21"
4+75.00	25.00'	24.22'	24.22'	24.22'	0°53'43"	5°43'04"
5+00.00	25.00'	24.22'	24.22'	24.22'	0°53'43"	6°36'47"
5+25.00	25.00'	24.22'	24.22'	24.22'	0°53'43"	7°30'30"
5+50.00	25.00'	24.22'	24.22'	24.22'	0°53'43"	8°24'13"
5+75.00	25.00'	24.22'	24.22'	24.22'	0°53'43"	9°17'56"
5+83.15	8.15'	7.90'	7.90'	7.90'	0°17'31"	9°35'27"



NOTE: ROLL TYPE CURB & GUTTER (TYPE 2) TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB (TYPE 4).