

BENCHMARKS:

BM #1: Brass Disc on Top of Curb near the SW corner of Lot 67, Block D, near fire hydrant at NE corner of Cimarron & Driftwood, Edge Water Addition Elev. = 1339.44 NGVD29

BM #2: "□" on Top of Curb, SE Corner of Lot 21, Block A: west side of Ridge Port, Edge Water Addition Elev. = 1336.02 NGVD29

BM #3: Brass Disc on Top of Curb near the NE corner of Lot 27, Block A, near fire hydrant at SW corner of Ridge Port & Ridge Port Ct., Edge Water Addition Elev. = 1337.42 NGVD29

WATER VALVE LOCATION TABLE

VALVE NUMBER	STREET	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V1	Driftwood	1+14.09	26'	Lt.
V2	Driftwood	1+88.53	26'	Lt.

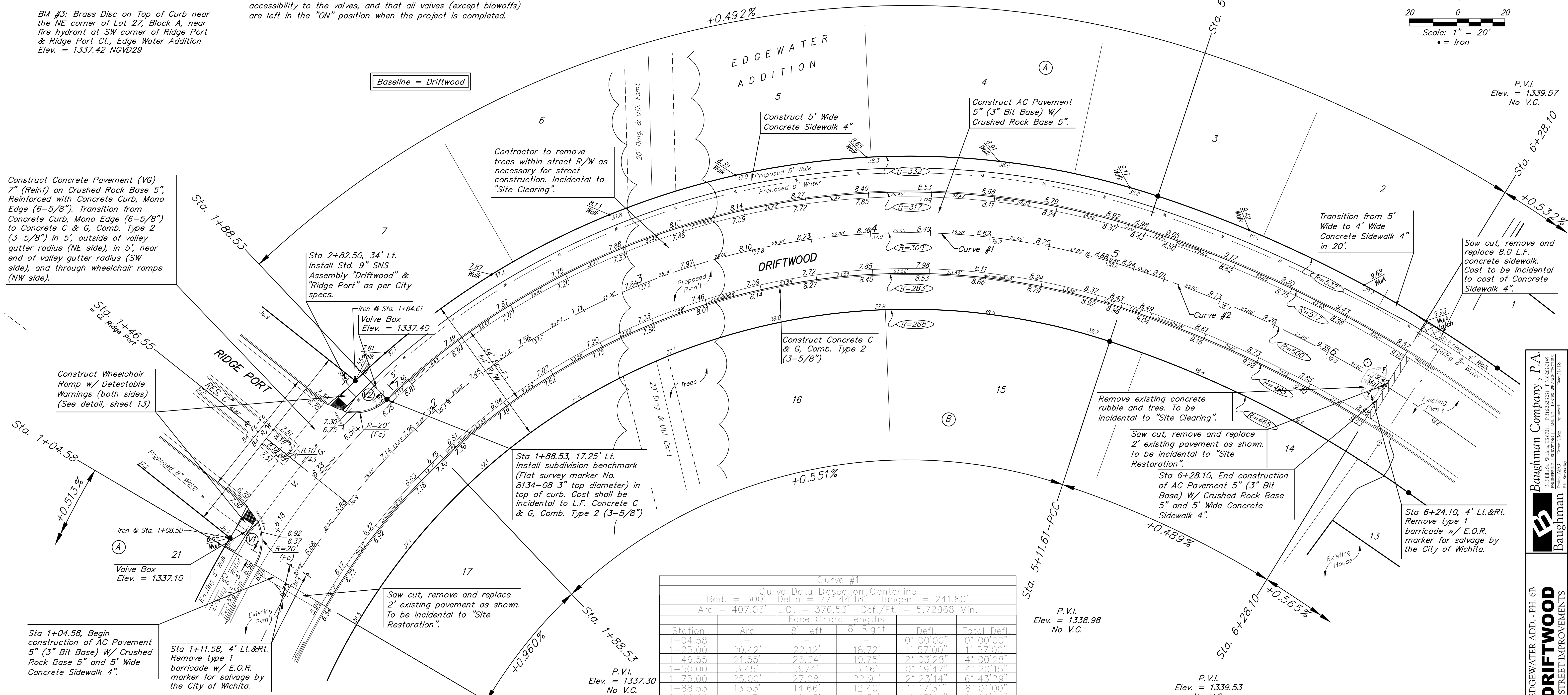
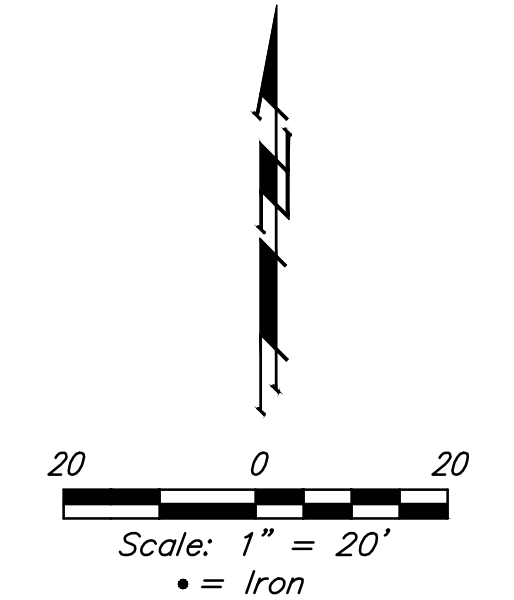
Paving contractor will be responsible to operate all water valves on the project, in the presence of the inspector, to ensure accessibility to the valves, and that all valves (except blowoffs) are left in the "ON" position when the project is completed.

Subdivision Bench Marks

Street & Station	Location Description	Elevation
Driftwood 1+88.53, 17.25' Lt.	Adjacent to Fire Hydrant at E. End of E. Curb Return of Driftwood and Ridge Port.	

Remove trees only as necessary for street construction. To be paid for as lump sum bid item "Site Clearing"

All other trees shall remain and be protected from damage during construction. Overhanging limbs shall be trimmed by the Contractor only as necessary for construction and with approval of the Engineer. Cost of tree trimming to be included in bid item "Site Clearing"



Construct Concrete Pavement (VG) 7" (Reinf) 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 (NE side), in 5', near end of valley gutter radius (SW side), and through wheelchair ramps (NW side).

Contractor to remove trees within street R/W as necessary for street construction. Incidental to "Site Clearing".

Construct AC Pavement 5" (3" Bit Base) W/ Crushed Rock Base 5".

Transition from 5' Wide to 4' Wide Concrete Sidewalk 4" in 20'.

Saw cut, remove and replace 8.0 L.F. concrete sidewalk. Cost to be incidental to cost of Concrete Sidewalk 4".

Construct Wheelchair Ramp w/ Detectable Warnings (both sides) (See detail, sheet 13)

Sta 2+82.50, 34' Lt. Install Std. 9" SNS Assembly "Driftwood" & "Ridge Port" as per City specs.

Construct Concrete C & G, Comb. Type 2 (3-5/8")

Remove existing concrete rubble and tree. To be incidental to "Site Clearing".

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

Sta 6+28.10, End construction of AC Pavement 5" (3" Bit Base) W/ Crushed Rock Base 5" and 5' Wide Concrete Sidewalk 4".

Sta 6+24.10, 4' Lt.&Rt. barricade w/ E.O.R. marker for salvage by the City of Wichita.

Sta 1+04.58, Begin construction of AC Pavement 5" (3" Bit Base) W/ Crushed Rock Base 5" and 5' Wide Concrete Sidewalk 4".

Sta 1+11.58, 4' Lt.&Rt. Remove type 1 barricade w/ E.O.R. marker for salvage by the City of Wichita.

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

Curve #2
Curve Data Based on Centerline
Rad. = 500' Delta = 13° 20' 56" Tangent = 58.51'
Arc = 116.49' L.C. = 116.23' Def./Ft. = 3.43778 Min.

Station	Arc	8' Left	8' Right	Defl.	Total Defl.
5+11.61	-	-	-	0° 00' 00"	0° 00' 00"
5+25.00	13.39'	14.06'	12.72'	0° 46' 02"	0° 46' 02"
5+50.00	25.00'	26.25'	23.75'	1° 25' 57"	2° 11' 59"
5+75.00	25.00'	26.25'	23.75'	1° 25' 56"	3° 37' 55"
6+00.00	25.00'	26.25'	23.75'	1° 25' 57"	5° 03' 52"
6+25.00	25.00'	26.25'	23.75'	1° 25' 57"	6° 29' 49"
6+28.10	3.10'	3.26'	2.95'	0° 10' 39"	6° 40' 28"

Curve #1
Curve Data Based on Centerline
Rad. = 300' Delta = 77° 44' 18" Tangent = 241.80'
Arc = 407.03' L.C. = 376.53' Def./Ft. = 5.72968 Min.

Station	Arc	8' Left	8' Right	Defl.	Total Defl.
1+04.58	-	-	-	0° 00' 00"	0° 00' 00"
1+25.00	20.42'	22.12'	18.72'	1° 57' 00"	1° 57' 00"
1+46.55	21.55'	23.34'	19.75'	2° 03' 28"	4° 00' 28"
1+50.00	3.45'	3.74'	3.16'	0° 19' 47"	4° 20' 15"
1+75.00	25.00'	27.08'	22.91'	2° 23' 14"	6° 43' 29"
1+88.53	13.53'	14.66'	12.40'	1° 17' 31"	8° 01' 00"
2+00.00	11.47'	12.43'	10.51'	1° 05' 44"	9° 06' 44"
2+25.00	25.00'	27.08'	22.91'	2° 23' 14"	11° 29' 58"
2+50.00	25.00'	27.08'	22.91'	2° 23' 15"	13° 53' 13"
2+75.00	25.00'	27.08'	22.91'	2° 23' 14"	16° 16' 27"
3+00.00	25.00'	27.08'	22.91'	2° 23' 15"	18° 39' 42"
3+25.00	25.00'	27.08'	22.91'	2° 23' 14"	21° 02' 56"
3+50.00	25.00'	27.08'	22.91'	2° 23' 15"	23° 26' 11"
3+75.00	25.00'	27.08'	22.91'	2° 23' 14"	25° 49' 25"
4+00.00	25.00'	27.08'	22.91'	2° 23' 15"	28° 12' 40"
4+25.00	25.00'	27.08'	22.91'	2° 23' 14"	30° 35' 54"
4+50.00	25.00'	27.08'	22.91'	2° 23' 15"	32° 59' 09"
4+75.00	25.00'	27.08'	22.91'	2° 23' 14"	35° 22' 23"
5+00.00	25.00'	27.08'	22.91'	2° 23' 15"	37° 45' 38"
5+11.61	11.61'	12.58'	10.64'	1° 06' 31"	38° 52' 09"

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).