

BENCHMARK:
City of Wichita benchmark at the SE corner of intersection of 135th Street West and 13th Street North.
Elev. = 167.83 (City Datum)

Brass Benchmark Disc Adjacent to Fire Hydrant at E. End of E. Curb Return of Ponderosa & Ponderosa Ct.
Elev. = 170.96 (City Datum)

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

Sta. 0+52.27, Begin construction of 5" A.C. Pvm't. W/5" Reinf. Rock Base and 4' Wide Concrete Sidewalk (4")

Sta. 0+00-PRC P.V.I. Elev. = 168.00 41.60' V.C.

Sta. 0+52.27 P.V.I. Elev. = 169.42 No V.C.

Sta. 3+55.06 P.V.I. Elev. = 170.00 No V.C.

Sta. 6+05.47 P.V.I. Elev. = 171.40 54' V.C.

Scale: 1" = 20'
= Iron

Remove existing end of road Markers and Relocate to Sta. 0+08.00, Sheet 9. Cost to be Included in "Site Clearing and Restoration."

Construct std. type 1A inlet hookup & inlet sediment barrier, both sides (See detail, sheet 17) Adjust inlet top to match proposed grade, both sides. To be bid as "Inlet Adjustment".

Contractor to Adjust Existing Manhole Top From Elev. = 169.0 to Elev. = 169.5 (Incidental to Project Cost)

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

Construct std. type 1A inlet hookups & inlet sediment barrier. (See detail, sheet 17) Adjust inlet top to match proposed grade. To be bid as "Inlet Adjustment".

Sta. 5+82.00, 35' Rt. Install Std. D3 (SNS) Ass'y as per City specs. "Aksarben" & Metro SNS "Aksarben Ct (1011-1059)".

Sta. 2+91.00, 35' Rt. Install Std. D3 (SNS) Ass'y as per City specs. "Aksarben" & "Harvest Lane"

Const. 7" Reinforced Concrete Valley Gutter Pavement on 5" Rein. Rock Base w/Monolithic Edge Curb. (6-5/8") (See Detail, Sheet 5).

Construct Std. Type A Wheel Chair Ramp with Detectable Warning (Both Sides) (See Detail, Sheet 5) Transition from full height curb (6-5/8") to roll curb (3-5/8") through wheelchair ramp (both sides).

Construct Std. Comb. Full Height Curb & Gutter (6-5/8")

Construct 4' Wide Concrete Sidewalk (4")

Construct Std. Type A Wheel Chair Ramp with Detectable Warning (Both Sides) (See Detail, Sheet 5) Transition from full height curb (6-5/8") to roll curb (3-5/8") through wheelchair ramp (both sides).

Curve #1
Curve Data Based on Centerline
Rad. = 200' Delta = 77° 17' 27" Tangent = 159.92'
Arc = 269.80' L.C. = 249.80' Def/Ft. = 8.59424 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
0+00.00	-	-	-	0'00"00"	0'00"00"
0+52.27	52.27'	45.61'	58.64'	7'29"13"	7'29"13"
0+75.00	22.73'	19.88'	25.56'	3'15"21"	10'44"32"
1+00.00	25.00'	21.86'	28.11'	3'34"51"	14'19"25"
1+25.00	25.00'	21.86'	28.11'	3'34"52"	17'54"17"
1+50.00	25.00'	21.86'	28.11'	3'34"51"	21'29"08"
1+75.00	25.00'	21.86'	28.11'	3'34"51"	25'03"59"
2+00.00	25.00'	21.86'	28.11'	3'34"52"	28'38"51"
2+25.00	25.00'	21.86'	28.11'	3'34"51"	32'13"42"
2+50.00	25.00'	21.86'	28.11'	3'34"52"	35'48"34"
2+69.80	19.80'	17.32'	22.27'	2'50"10"	38'38"44"

Curve #2
Curve Data Based on Centerline
Rad. = 200' Delta = 37° 54' 47" Tangent = 68.70'
Arc = 132.34' L.C. = 129.94' Def/Ft. = 8.59447 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
4+23.92	-	-	-	0'00"00"	0'00"00"
4+25.00	1.08'	0.94'	1.21'	0'09"17"	0'09"17"
4+50.00	25.00'	21.86'	28.11'	3'34"52"	3'44"09"
4+75.00	25.00'	21.86'	28.11'	3'34"51"	7'19"00"
5+00.00	25.00'	21.86'	28.11'	3'34"52"	10'53"52"
5+25.00	25.00'	21.86'	28.11'	3'34"52"	14'28"44"
5+50.00	25.00'	21.86'	28.11'	3'34"51"	18'03"35"
5+56.26	6.26'	5.48'	7.04'	0'53"49"	18'57"24"

Baughman **AKSARBEN**
Copper Gate Estates - Phase III
STA. 0+52.27 TO STA. 6+39.47

PROJECT NUMBER: 472-83671
DESIGN: NBW
DRAWN: TMS
APPROVED: DATE: 4/06/05
SCALE: Noted
SHEET: 6 OF 30