P.I. Sta. 0+000.000 = SE Cor., NW1/4, Sec. 10, T27S, R1E
Exist. monument obliterated.
1. Chiseled "V" in concrete pavement at corner 17th St. North and Hillside Ave.
2. N517149.715, E505940.470
3. Permanent survey monument to be installed in this project

For 18th St. Intersection Plan See Sh. No. 11

S. BD. CURVE DATA
P.I. Sta. 20+209.677 (Bk.)=
P.I. Sta. 20+209.640 (Ahd.)=
℄ Sta. 0+209.882, 0.0 m Lt.
^ = 8°59'27"
R = 114.560 m
L = 17.977 m
T = 9.007 m
E = 0.354 m
Super =

℄ Sta. 0+234.081 Begin Pavement Underdrain, Lt. Cap Drain End See Sh. No. 20

S. BD. CURVE DATA
P.I. Sta. 20+278.373 (Bk.)=
P.I. Sta. 20+278.315 (Ahd.)=
℄ Sta. 0+277.592, 10.552 m Lt.
△ = 8°50'59"
R = 186.600 m
L = 28.822 m
T = 14.440 m
E = 0.558 m
Super =

R/W = Ex. Property Line 51.816 m (170') Sec. Line (n.t.s.)

Scale: 1 : 200

B.L. Sta. 20+225.814 (S. Bd.) = ℄ Sta. 4+997.290(18th St. No.)

℄ Sta. 0+240.338, 4.751 m Lt.
P.V.I. El. 59.179
80 m V.C.

20+181.670 | 20+200 P.C. | 20+200.670 | 20+215.791 | 20+218.647 P.T. | 20+220 | 20+240 | 20+240.670 | 20+260 | 20+263.933 P.C. | 20+280 | 20+292.755 P.T. | 20+300 | 20+313.880 | 20+320

+ 1.080% (Based on S. Bd. Profile Grade)

−4.634% (Based on S. Bd. Profile Grade)

Sta. 0+314.0 and Sta. 0+314.5 Install 150 mm x 9.9 m PVC (Sch. 40) Irrigation Sleeve, Lt.

MATCH LINE

℄ Sta. 0+181.670 BEGIN
Proj. No. 472-83537
B.L. Sta. 10+181.670 (N. Bd.) =
B.L. Sta. 20+181.670 (S. Bd.)

18TH STREET

4+975.296
3.974 m Rt.

4+983.862
3.974 m Lt.

20+204.510
6.800 m Lt.

20+225.857
6.800 m Lt.

9.144 m (typ.)

Exist. R/W 9.144 m (30') S.L.

1.8 m Sidewalk

S. Bd. Profile Grade Line

N. Bd. Profile Grade Line

△=11°55'22"
R=45.000 m
L=9.364 m

△=168°30'41"
R=1.275 m
L=3.750 m

R = 114.4 m | L = 23.023 m | △=11°31'51"

HILLSIDE

℄ Prop. Impr. = Section Line

N 00°45'26" W

20+200 | 10+200 | 0+200 | 10+300 | 0+300

℄ Sta. 0+181.670
Saw cut and match exist.

Cut Line Match Existing

Match

ALUMNI DRIVE

SIDEWALK

CONC. PVMT.

Exist. R/W 9.144 m (30') S.L.

℄ Sta. 0+200.670, 0.000 m Lt. =
P.I. B.L. Sta. 10+200.670 (N.Bd.)=
P.C. B.L. Sta. 20+200.670 (S.Bd.)

℄ Sta. 0+226.783 =
℄ Sta. 5+000.000 (18th St.)

5 000

℄ Sta. 0+244.690 Begin Pavement Underdrain, Rt. Cap Drain End See Sh. No. 20

℄ Sta. 0+244.690, 7.074 m Rt.
Saw Cut and match exist. at curb radius return.
Trans. cross slope and back of curb to match exist. in 5.0 m

℄ Sta. 0+252.965, 0.358 m Lt. =
P.I. B.L. Sta. 10+252.967 (N. Bd.)

Sta. 0+279.5 and Sta. 0+280.0 Install 150 mm x 9.9 m PVC (Sch. 40) Irrigation Sleeve, Rt.

+ 2.608% (Based on N. Bd. Profile Grade)

−3.787% (Based on N. Bd. Profile Grade)

10+181.670 | 10+200 | 10+215.829 | 10+220 | 10+223.552 | 10+240 | 10+249.690 | 10+260 | 10+280 | 10+300 | 10+320

℄ Sta. 0+223.552, 0.157 m Lt.
P.V.I. El. 59.482
83.764 m V.C.

LEGEND

Pavement Removal

Demolition backfill stabilization (See Note on Sheet 2)

UTILITIES

E –	Weststar Energy (Electric)	261-6512
G –	Farmland Industries (Gas)	
G –	Kansas Gas Service (Gas)	832-3101
G –	Williams Pipeline (Gas)	529-6601
SWS –	City of Wichita Stormwater Utility	268-4071
SS & W –	City of Wichita Water Dept.	262-6000
CATV –	Cox Communications (Cable)	262-0661
T –	SBC (Telephone)	800-870-8390

SE Cor., NW1/4, Sec. 10, T27S, R1E
Sta. 0+000.000, 0.000 m Rt.
1. Chiseled "V" in concrete Pavement at corner, 17th St. North and Hillside Ave.
2. SE cor. of conc. base of McDonald's sign 20.126 m NW
3. NE cor. of traffic signal control box base 15.075 m SW
4. NW corner of concrete wall 14.100 m SE
5. Chiseled "X" on top of curb 12.125 m NE
6. Chiseled "X" on top of curb 11.393 m SW
7. Chiseled "X" on top of curb 11.012 m NW
8. N517149.715, E505940.470

BM #2 Chiseled square on top of curb at W nose of island at Hillside and Alumni Drive
℄ Sta. 0+226.981, 11.425 m Rt. Elev.=58.887

UTILITY ADJUSTMENTS (SEE GENERAL NOTE ON SHEET 2)

Description	Station and Offset	Remarks
Water Valve	0+191.89, 8.45 m Lt.	To be adjusted by Contractor (2" Line)
Manhole	0+195.38, 3.67 m Rt.	SWB
Water Valve	0+198.03, 9.37 m Lt.	To be adjusted by Contractor
Water Valve	0+213.41, 9.44 m Lt.	To be adjusted by Contractor
Fire Hydrant Assy.	0+213.42, 11.26 m Lt.	To be relocated prior to const. by COW
Water Meter	0+224.31, 7.59 m Lt.	To be removed prior to const. by COW
Water Meter	0+251.12, 7.68 m Lt.	To be removed prior to const. by COW
Water Meter	0+275.55, 7.78 m Lt.	To be removed prior to const. by COW
Water Meter	0+279.78, 7.43 m Lt.	To be removed prior to const. by COW
Water Meter	0+295.04, 7.56 m Lt.	To be removed prior to const. by COW
Water Meter	0+312.80, 7.44 m Lt.	To be removed prior to const. by COW

* 40 mm Type III Curb and Gutter

MEDIAN LOCATION

Point No.	Station	Offset m	Elevation High Edge	Elevation Top Curb
			Radius Point	
1	0+272.387	1.633 Lt.	57.630	57.679
* 2	0+271.120	1.495 Lt.	57.628	57.677
* 3	0+272.124	2.880 Lt.	57.628	57.677
* 4	0+272.397	0.358 Lt.	57.632	57.681
5	0+274.387	0.358 Lt.	57.557	57.766
6	0+274.081	3.293 Lt.	57.540	57.749
7	0+303.859	9.581 Lt.	56.205	56.414
8	0+313.156	10.552 Lt.	55.794	56.003

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HILLSIDE STREET
STA. 0+160 TO STA. 0+320

PROJ. NO. 472-83537 SEDGWICK CO.

MKEC ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	JRA	CHECKED BY:	JRA
DRAWN BY:	DPG	DATE: Jan. 2003	SHEET 7 OF 73