STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
KANSAS	87 N-0287-01	2003	28	107

P.C. Sta. 2+558.512, 0.0 m Rt.
1. N=519669.987, E=512258.799

P.T. Sta. 2+591.900, 0.0 m Rt.
1. N=519666.790, E=512291.965

C/L Curve Data
P.I. Sta. 2+574.536 (Bk.) =
P.I. Sta. 2+574.364 (Ahd.)
Δ = 12°45'12" Lt.
T = 16.763 m
R = 150.000 m
L = 33.388 m
E = 0.934 m
N.C.

Sta. 2+585.000 29th. St., Const.
Std. Manhole (Precast), 12.914 m Lt.
Manhole Dia. = 1.22 m
Manhole Top = 67.907
Install 375 mm x 9.35 m
Storm Swr. (RCP)(SE)
Connect Exist. 375 mm Storm Swr. (RCP)(NW) to Manhole
Fl In=66.447 (Exist. 375 mm RCP–NW)
Fl Out=66.417 (375 mm RCP–SE)
See Sht. No. 29, 41, 46

Sta. 2+596.1 29th. St., 7.1 m Lt.
Remove Exist. Curb Inlet and 11.2 m of 375 mm RCP (NW).

Sta. 2+595.978 29th. St., Const.
Curb Inlet (Type 1A), 6.800 m Lt.
L = 3.45 m, W = 1.32 m
Inlet Top = 67.381
Install 2–0.30 m² x 16.10 m
Storm Swr. (RCPHE)(S)
Connect Exist. 900 mm Storm Swr. (RCP)(N) to Inlet
Fl In=66.380 (375 mm RCP–NW)
Fl In=66.268 (Exist. 900 mm RCP–N)
Fl Out=66.009 (2–0.30 m² RCPHE–S)
See Sht. No. 29, 38, 46

Proposed Traffic Signal Pole (By Others)

Const. Wheelchair Ramp
See Sht. No. 34

Sta. 2+614.335 29th. St., Saw Cut & Match Exist. Pvmt.

Sta. 2+614.335 End Proj. No. 87 N-0287-01

Sta. 2+622.844 29th. St. = Sta. 4+969.520 Webb Rd.

Sta. 4+969.530 Webb Rd., Const. 200 mm Reinf. Conc. Valley Gutter.
See Sht. No. 35

Proposed Traffic Signal Pole (By Others)

Scale: 1 : 200

MATCH LINE

MEDITERRANEAN OFFICE PARK ADD.
LOT 5 (1)

Sect. Line

Right of Entry Limits
R/W Varies
Const. Limits

2+556.584
15.951 m Lt.

3 m Bike Path

1.5 m Sidewalk

29TH. ST.

2+558.512
P.C.

2+591.900
P.T.

15.100 m Bk.+Bk.

C/L Proj. Improvements

2+600

WEBB RD.

5+000

80

60

40

20

2+589.482
10.236 m Rt.

2+598.573
6.800 m Lt.

2+600.007
21.238 m Rt.

15 m R
Bk.-Bk.
(Typ.)

22.86 m R/W (75')

R/W Varies

CAUTION!!!
300 mm Gas Line

CAUTION!!!
400 mm Gas Line

Const. Limits

Sect. Line

67.527
7.422
67.627
7.522
67.555
7.450
67.547
7.442
67.447
7.342
67.388
7.283
67.417
7.312
67.861
7.711(Fl)
7.530
7.656
67.865(Ex)
7.724(Ex)
7.828(Ex)
7.670(Ex)
67.676(Ex)
67.519(Ex)
7.635.20
7.735.40
7.555.80
7.663.60
7.655
7.496
7.325
7.684
7.648
7.446
7.551
67.720
7.570(Fl)
67.585
67.422
7.522
67.627
7.450
7.442
67.547
67.447
7.342
67.388
7.283
67.417
7.312

Sta. 2+552.1 29th. St., 10.9 m Rt.
Remove Exist. Manhole and 43.4 m of 0.45 m² RCPHE (E).

Sta. 2+596.1 29th. St., 7.7 m Rt.
Remove Exist. Curb Inlet, 13.1 m of 2–0.30 m² RCPHE (N) and 13.5 m of 0.80 m² RCPHE (SE).

LOT 23 (1)
FOX POINTE ADD.
(37)

Sta. 2+565.000 29th. St., Const.
Manhole (Reinf. Conc.), 9.000 m Rt.
L = 2.29 m, W = 1.22 m
Manhole Top = 67.743
Install 0.90 m² x 30.65 m
Storm Swr. (RCPHE)(E)
Fl In=66.080 (0.90 m² RCPHE–W)
Fl Out=66.050 (0.90 m² RCPHE–E)
See Sht. No. 29, 42, 46

(40)

Sta. 2+595.978 29th. St., Curb Inlet (Type 1A), 6.800 m Rt.
L = 3.45 m, W = 2.54 m
Inlet Top = 67.381
Install 0.90 m² x 11.89 m
Storm Swr. (RCPHE)(SE)
Fl In=65.990 (2–0.30 m² RCPHE–N)
Fl In=65.990 (0.90 m² RCPHE–W)
Fl Out=65.960 (0.90 m² RCPHE–SE)
See Sht. No. 29, 38, 46

Proposed Traffic Signal Controller (By Others)

(41)

Sta. 2+607.874 29th. St., Const.
Manhole (Reinf. Conc.), 15.673 m Rt.
L = 2.29 m, W = 1.22 m
Manhole Top = 67.800
Connect Exist. 0.80 m2 Storm Swr. (RCPHE)(SE) to Manhole
Fl In=65.936 (0.90 m² RCPHE–NW)
Fl Out=65.936 (Exist. 0.80 m² RCPHE–SE)
See Sht. No. 29, 42, 46

Proposed Traffic Signal Pole (By Others)

Const. Wheelchair Ramp
See Sht. No. 34

NW Cor. Sec. 4, T27S, R2E
Sta. 2+622.810, 30.480 m Lt.
1. Fnd. 13 mm Bar in Thimble
2. "+" cut N. face N. pier E. bnd. K–96 Bridge 15.435 m WNW
3. "+" cut N. face S. pier E. bnd. K–96 Bridge 18.227 m WSW
4. "+" cut N. face S. pier W. bnd. K–96 Bridge 15.194 m ESE
5. N=519697.737, E=512322.407

BM #4 "□" cut W End of Headwall of RCB at the NE Corner K–96 & Webb Rd.
Sta. 5+030.513, 20.034 m Rt. Elev.=67.741

LEGEND

- Pavement Removal
- Salvage Exist. Asph. To Use As Base Course For Prop. Layout
- 50 mm Pavement Milling and Overlay

UTILITIES

E –	Weststar Energy (Electric)	261–6512
G –	Farmland Industries (Gas)	1–918–333–4111
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

UTILITY ADJUSTMENTS

Station	Offset m	Elevation Existing	Elevation Proposed	Remarks
2+585.5	8.3 Lt.	67.706	67.547	Water Vault
2+593.8	11.1 Lt.	67.771	67.725	Water Valve
2+604.0	10.7 Rt.	67.717	67.621	Service Box

DATE	BY	
		REFERENCES NOTED
		REFERENCES CHECKED

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION
29TH. STREET NORTH
STA. 2+520 TO STA. 2+614.335
PROJ. NO. 87 N-0287-01 SEDGWICK CO.

MKEC ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	ASH	CHECKED BY:	GJA
DRAWN BY:	WNJ	DATE: Jan. 2003	SHEET 28 OF 107