℄ CURVE DATA

Δ=90°00'00" D=36°29'39" R=157.00' L=246.62' T=157.00' E=65.03'

CURVE DATA BASED ON ℄ RADIUS Δ/2= 45°00'00"

℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	℄ TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8'OFF LEFT FACE CURB	8'OFF RIGHT FACE CURB		
18+67.15	———	———	———	———	———	00°00'00"	00°00'00"
18+75	7.85'	7.00'	8.70'	6.60'	9.10'	1°25'57"	1°25'57"
19+00	25.00'	22.29'	27.71'	21.00'	28.95'	4°33'42"	5°59'39"
19+25	25.00'	22.29'	27.71'	21.00'	28.95'	4°33'42"	10°33'21"
19+49.10	24.10'	21.50'		20.24'		4°23'52"	14°57'13"
19+76.76	27.66'	24.66'		23.23'		5°02'50"	20°00'03"
20+04.42	27.66'	24.66'		23.23'		5°02'50"	25°02'53"
20+25	20.58'	18.36'	22.80'	17.29'	23.84'	3°45'20"	28°48'13"
20+50	25.00'	22.29'	27.71'	21.00'	28.95'	4°33'42"	33°21'55"
20+75	25.00'	22.29'	27.71'	21.00'	28.95'	4°33'42"	37°55'38"
21+00	25.00'	22.29'	27.71'	21.00'	28.95'	4°33'42"	42°29'20"
21+13.76	13.76'	12.28'	15.24'	11.57'	15.95'	2°30'40"	45°00'00"
TOTAL	246.62'	219.91'	273.32'				

Defl./ft.= 10.948017 min.

WATER VALVE BOX ELEVATIONS

STREET	STATION	OFFSET	PROPOSED ELEVATION
RUTGERS	19+57.5	23.0' Lt.	169.2
RUTGERS	19+61.0	26.0' Lt.	169.3
RUTGERS	20+92.0	25.0' Lt.	168.7

PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-83256	7	54

SCALE: 1"=20'

RUTGERS

GREENSPOINT

EVERGREEN

EVERGREEN 3RD ADDITION

Prop. SS MH
Top Elev.=169.7
℄ Out=158.04 (E)

℄ 20' Util. Esmt.

Prop. 8" San. Sewer (By Others)

Prop. 8" Water (By Others)

Sta. 19+49.10 Install
"Flat Survey Marker No. 8134-08"
3" Top Diameter
Bench Mark Disc

Sta. 19+52, 22.0' Rt.
Install Street Name Sign
(Rutgers/Greenspoint)
See Sheet No. 30

Sta. 19+76.76 ℄ Rutgers=
Sta. 142+08.17 ℄ Greenspoint

Prop. Top Valve Box Elev.=169.3(S)
Prop. Top Valve Box Elev.=169.2(W)

PVI Elev.=
169.58 S.W.C. TC LL=40
169.61 TC LL=40

Prop. Top Valve Box Elev.=168.7
Prop. FH Bury Line Elev.=168.7

5" Asphaltic Concrete Pavement
(3" Bituminous Base)

Combined Curb & Gutter
(3 5/8" Roll & 1 1/2")

4" Concrete Sidewalk
Pavement

Tree Line

19+52.57 R/W

20+00.95 R/W

19+49.10 PRC

20+04.42 PRC

18+67.15 PC & PVI

21+13.76 PT & PVI

23+95.53 PC & PVI

No V.C.

+0.50% T.C. Lt. & ℄

+0.30' Wk. Gr. (R/W)

+0.50% T.C. Rt.

+0.36% ℄

+0.62410% T.C. Lt.

+0.56% ℄

-0.63027% T.C. Lt.

-0.56% ℄

-1.13038% T.C. Rt.

-1.02% ℄

-0.50% T.C. Rt.

-0.91917% T.C. Rt.

-0.51167% T.C. Rt.

℄ CONSTRUCT STD. WHEELCHAIR RAMP

NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL-TYPE CURB. TOP OF CURB ELEVATIONS GIVEN ARE FOR FULL HEIGHT CURB.

No.	Revisions	By	Date
1			

EVERGREEN-PHASE 4
CITY OF WICHITA, KANSAS

RUTGERS/GREENSPOINT
STA. 18+00 TO STA. 23+95.53

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	BER	Checked by	
Drawn by	BJS	Date AUG. 2002	Job No. 02397

I:\2002\02397\strt8-24.dgn
Date Plotted: Nov 15, 2002
Deliver To: Bill Sexson