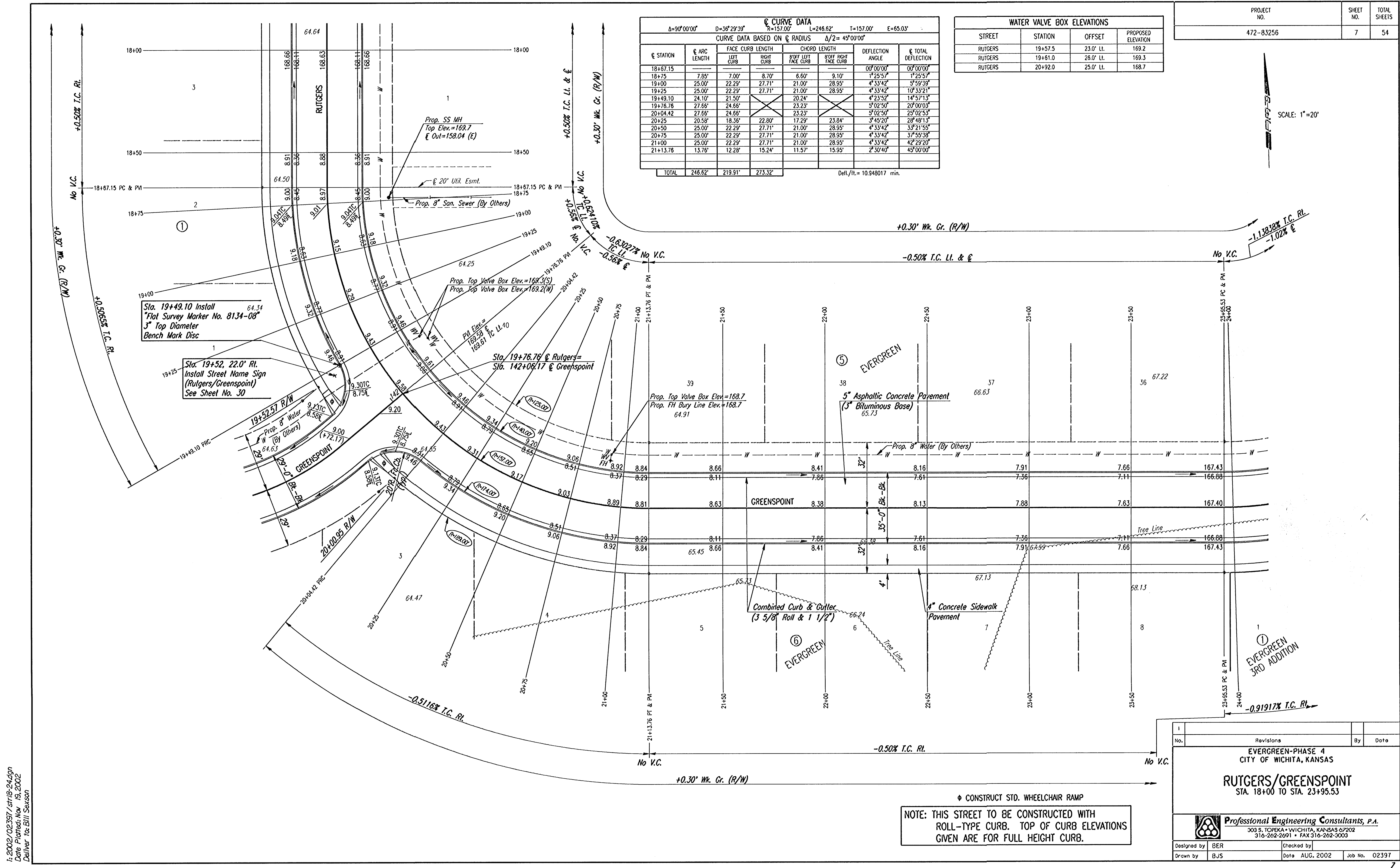


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
RUTGERS	19+57.5	23.0' LL	169.2
RUTGERS	19+61.0	26.0' LL	169.3
RUTGERS	20+92.0	25.0' LL	168.7

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 C 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"
19+00	25.00'	22.29'	27.71'	21.00'	28.95'	5°59'39"
19+25	25.00'	22.29'	27.71'	21.00'	28.95'	5°59'39"
19+49.10	24.10'	21.50'	20.24'	20.24'	23.23'	14°57'13"
19+76.76	27.66'	24.66'	23.23'	23.23'	23.23'	20°00'00"
20+04.42	27.66'	24.66'	23.23'	23.23'	23.23'	25°02'53"
20+25	20.58'	18.36'	17.29'	23.84'	23.84'	28°48'13"
20+50	25.00'	22.29'	27.71'	21.00'	28.95'	33°21'55"
20+75	25.00'	22.29'	27.71'	21.00'	28.95'	37°55'38"
21+00	25.00'	22.29'	27.71'	21.00'	28.95'	42°29'20"
21+13.76	13.76'	12.28'	15.24'	11.57'	15.95'	45°00'00"
TOTAL	246.62'	219.91'	273.32'			Defl./ft. = 10.948017 min.

SCALE: 1"=20'



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

Revisions

By

Date

EVERGREEN-PHASE 4

CITY OF WICHITA, KANSAS

RUTGERS/GREENSPPOINT

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/str18-24.dgn
Date Plotted: Nov 19, 2002
Deliver To: Bill Sexson