

COORDINATE LIST		
POINT	NORTH	EAST
106	8,115.4691	4,340.0440
107	8,045.5994	4,039.6190
110	7,982.4600	4,029.1600
111	8,063.4300	4,377.2900

108 = COORDINATE POINT NO.

Curve Data
Curve No. 1
(Face of Curb)
 $\Delta=19^{\circ}52'24"$
 $D=12^{\circ}40'33.8"$
 $R=452.00'$
 $L=156.78'$
 $T=79.18'$
 $E=6.88'$

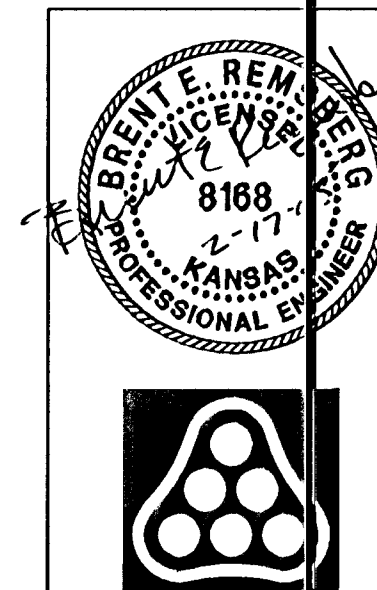
PC - N-8,012.8652, E-4,244.9373
CC - N-8,447.9612, E-4,122.4812
PT - N-8,080.4052, E-4,385.5526
PI - N-8,034.3181, E-4,321.1611

RIGHT FACE OF CURB STATION
MATCH EXISTING
CURB & GUTTER REMOVAL

CAUTION!!! - Existing SBC 900pr cable
- The Contractor shall provide a minimum of 2 weeks notice to SBC - Jim Toben at 268-2759 prior to beginning any excavation. The Contractor shall coordinate all work involving the SBC cable with SBC.
- Request flagging of utilities via Kansas One Call.
- After utilities are flagged, the Contractor shall hand excavate the existing SBC cable at 50' intervals from Project Sta. 42+50 to Project Sta. 47+75.
- SBC personnel shall determine extent of conflict and resolution required. Where the existing cable is 6" or more below the proposed subgrade excavation, the cable may remain in place and the Contractor shall protect it from damage. In locations where the existing cable is less than 6" below the proposed subgrade excavation, the Contractor shall provide a trench adjacent to the existing cable.
- Where a new trench is required for adjustment to the SBC cable, the trench width shall be as determined by SBC. The bottom of the trench shall be at least 12" below the proposed subgrade excavation.
- The existing SBC cable shall be moved into the new trench by SBC at the Contractor's expense.
- Backfilling of the SBC cable shall be performed by the Contractor.

All costs incurred for the above work shall be considered subsidiary to the price bid per lineal foot for "SBC Cable Protection".

FACE OF CURB CURVE DATA				
$\Delta=19^{\circ}52'24"$ Li = 12' 40' 33.8" R = 452.00' L = 156.78' T = 79.18' E = 6.88'				
CURVE DATA BASED ON RADIUS $\Delta/2 = 9^{\circ} 56' 12"$				
STATION	ARC LENGTH	CHORD LENGTH ON 8' OFFSET Right	DEFLECTION ANGLE	TOTAL DEFLECTION
42+42.12			0°00'00.0"	0°00'00.0"
42+50.00	7.88'	8.02'	0°29'58.0"	0°29'58.0"
42+75.00	25.00'	25.44'	1°35'04.2"	0°29'58.0"
43+00.00	25.00'	25.44'	1°35'04.2"	0°43'06.4"
43+25.00	25.00'	25.44'	1°35'04.2"	0°56'10.7"
43+50.00	25.00'	25.44'	1°35'04.2"	0°69'14.9"
43+75.00	25.00'	25.44'	1°35'04.2"	0°82'19.1"
43+98.90	23.90'	24.32'	1°30'53.2"	0°95'12.0"
TOTAL	L = 156.78'		Defl./ft. = 3.802817 min.	



Revision		By	Date
NEWMARKET SQUARE CENTRAL PARK WIDENING PAVEMENT WIDENING PLAN STA. 42+24.47 TO STA. 45+50 JAMES L. ARMOUR, P.E., ACTING CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84048 Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by BER	Job No. 35-04276-0042	Sht. 6 of 18	
Drawn by SAW, TRO	Date JULY 2004		