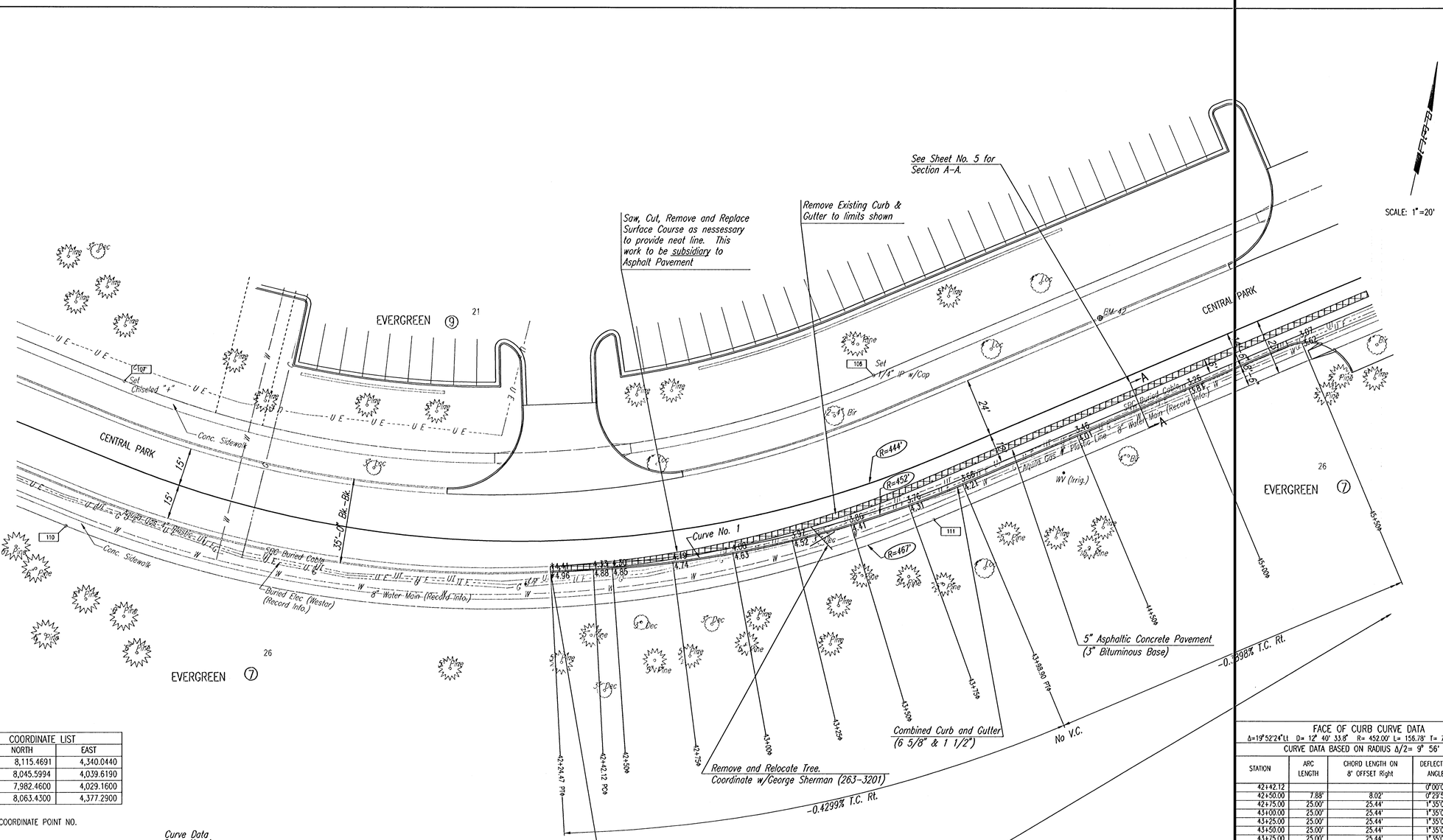


COORDINATE LIST		
POINT	NORTH	EAST
106	8,115.4691	4,340.0440
107	8,045.5994	4,039.6190
110	7,982.4600	4,029.1600
111	8,063.4300	4,377.2900

106 = COORDINATE POINT NO.

Curve Data
Curve No. 1
(Face of Curb)
Δ=19°52'24"
D=12°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				
Δ=19°52'24"Lt D= 12° 40' 33.8" R= 452.00' L= 156.78' T= 79.18' E= 6.88'				
CURVE DATA BASED ON RADIUS Δ/2= 9° 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"	00°29'58.0"
42+75.00	25.00'	25.44'	1°35'04.2"	02°05'02.2"
43+00.00	25.00'	25.44'	1°35'04.2"	03°40'06.4"
43+25.00	25.00'	25.44'	1°35'04.2"	05°15'10.7"
43+50.00	25.00'	25.44'	1°35'04.2"	06°50'14.9"
43+75.00	25.00'	25.44'	1°35'04.2"	08°25'19.1"
43+98.90	23.90'	24.32'	1°30'53.2"	09°56'12.0"
TOTAL	L= 156.78'	Defl /ft.= 3.802817 min.		

BRENT E. REMBERG 8168 KANSAS PROFESSIONAL ENGINEER

No.	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	SM. 6 of 18
Drawn by	SAW, TRO	Date	JULY 2004	

DSN/R: BER OPER: SAW SCALE: 1=20.00
J:\SENTOUT\2004\04276\2005-02-16 to City\06Pvmt Wide Sta 40-45 02-16-2005 10:57:54 am