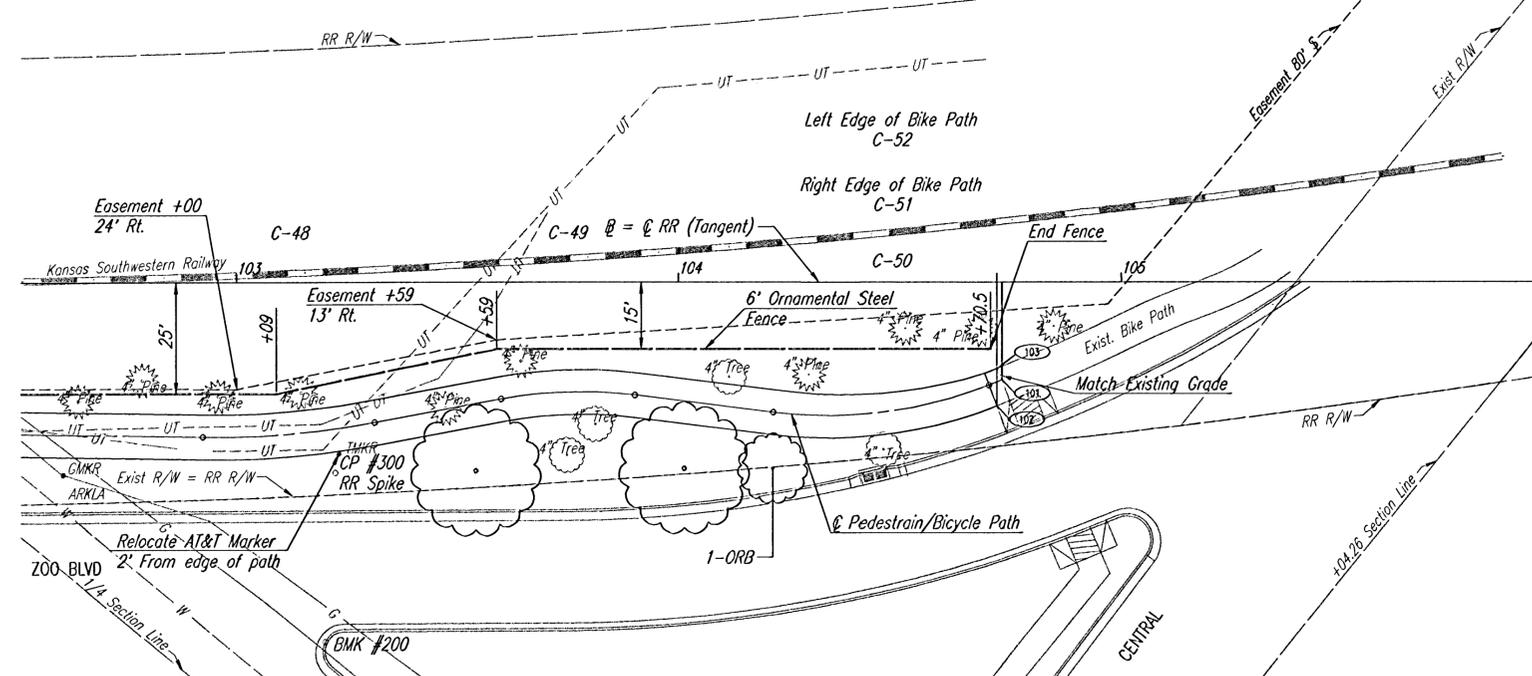


SE 1/4 Sec. 13, T27S, R1W



**Q CURVE ALIGNMENT DATA**

CURVE	Q ARC LENGTH	RADIUS	DELTA	PC		STATION		PI		STATION		PT		STATION	
				NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING				
C-48	39.20	200.00	11° 13' 49"	1,688,879.89	1,636,311.90	102+90.34	34.69' RT.	1,688,864.71	1,636,324.39	103+12.00	35' RT.	1,688,852.25	1,636,339.60	103+31.35	31.48' RT.
C-49	30.21	100.00	17° 18' 37"	1,688,833.78	1,636,362.16	103+60.02	26.25' RT.	1,688,823.74	1,636,374.19	103+75.00	23.52' RT.	1,688,811.42	1,636,382.31	103+90.11	25.37' RT.
C-50	49.20	100.00	28° 11' 13"	1,688,782.34	1,636,395.48	104+21.41	29.21' RT.	1,688,760.32	1,636,409.98	104+46.33	32.26' RT.	1,688,747.77	1,636,433.16	104+69.73	23.18' RT.
C-51	47.23	106.50	25° 24' 37"	1,688,785.09	1,636,399.65	104+22.02	24.25' RT.	1,688,764.12	1,636,413.46	104+50.22	27.70' RT.	1,688,752.16	1,636,435.54	104+68.72	23.18' RT.
C-52	51.66	105.00	28° 11' 13"	1,688,787.84	1,636,403.83	104+20.79	34.17' RT.	1,688,764.10	1,636,419.46	104+46.96	37.38' RT.	1,688,754.66	1,636,436.90	104+71.54	27.85' RT.

**COORDINATE LIST**

POINT	NORTH	EAST
101	1,688,750.6011	1,636,438.4194
102	1,688,747.7657	1,636,433.1557
103	1,688,753.0956	1,636,439.7813

POINT	NORTHING	EASTING	STATION	OFFSET
205	1,688,987.3335	1,636,266.1136	101+80.82	0.00
209	1,688,664.6635	1,636,540.3185	106+04.26	0.00

101 = COORDINATE POINT NO.

**Control Point #300**  
 RR Spike W. of Tracks  
 150'± N. of Central  
 5' W. of ATT Marker #706  
 Sta. 103+22.46, 42.70' RT.  
 Elev. = 121.85  
 N = 1,688,851.750, E = 1,636,325.293

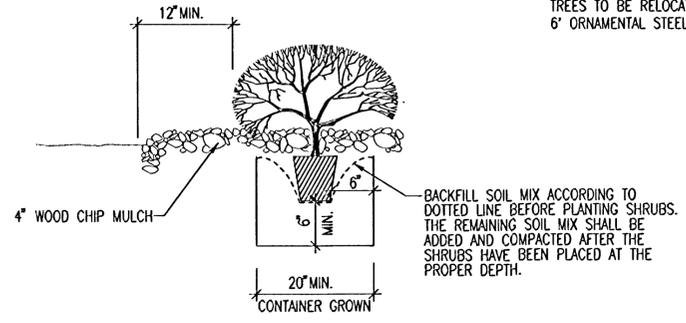
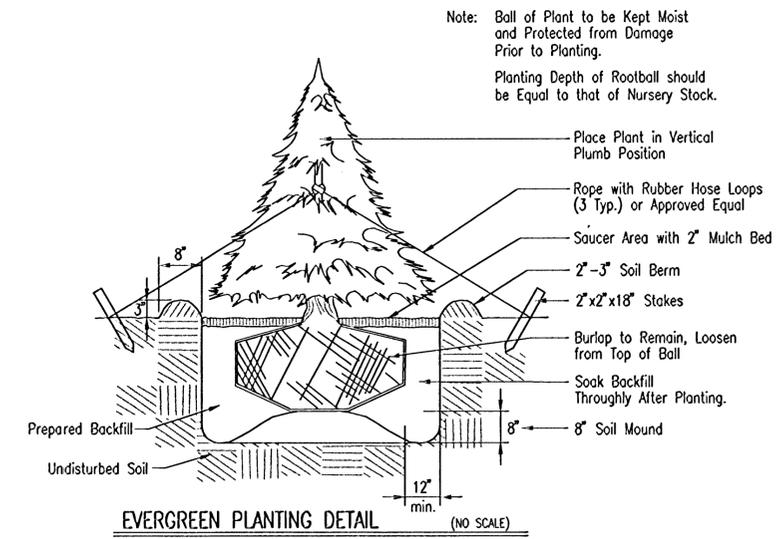
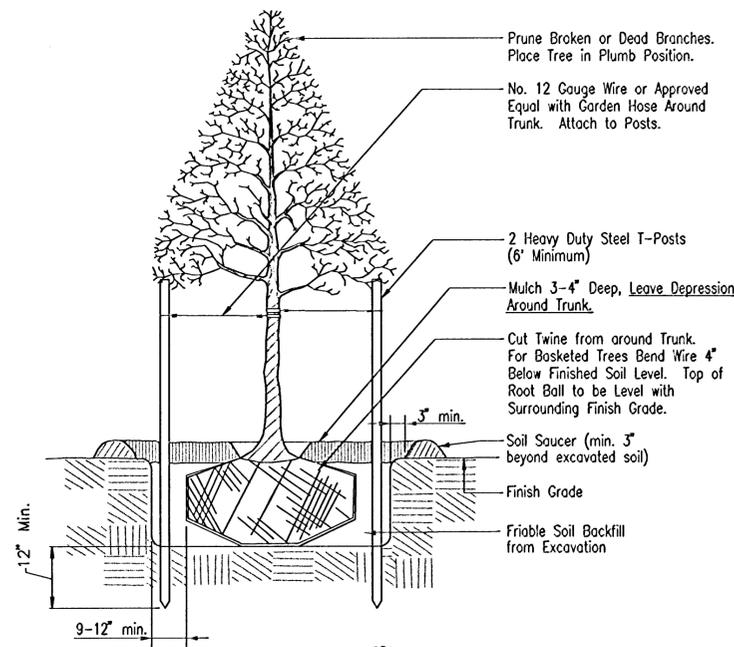
**Benchmark #200**  
 Chiseled "d" N. end median  
 150'± N. of Central  
 4.3' WSW of ATT Marker #706  
 Sta. 103+20, 81' RT.  
 Elev. = 121.75

**PLANT MATERIALS LIST**

KEY	QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE	CONDITION
AM	22	AMUR MAPLE	ACER GINNALA	2" CAL.	B & B
CCP	40	CHANTICLEER PEAR	PYRUS CALLERYANA "CHANTICLEER"	2" CAL.	B & B
CM	12	CADDO MAPLE *	ACER SACCHARUM "CADDO"	2" CAL.	B & B
CP	15	CHINESE PISTACHIA	PISTACIA CHINENSIS	2 1/2" CAL.	B & B
LE	19	LACEBARK ELM	ULMUS PARVIFOLIA	2" CAL.	B & B
ORB	21	OKLAHOMA RED BUD	CERCIS RENIFORMIS "OKLAHOMA"	2" CAL.	B & B
SDC	17	SNOWDRIFT CRAB	MALUS "SNOWDRIFT"	2" CAL.	B & B
GR	25	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	2" CAL.	B & B
SHL	16	SKYLINE HONEYLOCUST	GLEDITSIA TRIACANTHOS "SKYLINE"	2" CAL.	B & B
TH	31	TRUMPET HONEYSUCKLE	LONICERA SEMPERVIRENS	1 GAL.	CONTAINER (10" O.C.)

\* "LEGACY" SUGAR MAPLE MAY BE USED AS A SUBSTITUTE.

**QUANTITIES:**  
 PERMANENT PROJECT SEEDING - 3.06 AC. (133,511 S.F.) (GUYMON BERMUDAGRASS OR APPROVED EQUAL)  
 SEED RATE 2 LBS./1,000 S.F.-FERTILIZER RATE 882 LBS. PER ACRE-MULCH (PRAIRIE HAY) RATE 37 BALES PER ACRE  
 MULCH (SHREDDED CYPRESS) - 1,900 S.F.  
 MULCH RATE 37 BALES PER ACRE  
 TREES TO BE RELOCATED - 3 (4" PINES)  
 6" ORNAMENTAL STEEL FENCE - 8125 L.F.



**TREE STAKING & PLANTING DETAIL**  
 LARGER THAN 2" CALIPER  
 (NO SCALE)

**EVERGREEN PLANTING DETAIL**  
 (NO SCALE)

**SHRUB PLANTING DETAIL**

300 BOULEVARD BIKE PATH  
 CENTRAL TO WESTDALE

**ZOO BOULEVARD**  
 STA. 104+00.00 TO STA. 104+70.50  
**LANDSCAPE DETAILS**

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

Designed by	RMH	Checked by	
Drawn by	SAD	Date	SEPTEMBER 2001
		Job No.	96450-002

DSNR: SAD OPER: SAD SCALE: 1"=20.00  
 Q:\1996\96450\002\SW104end 09-04-2002 09:45:09 am