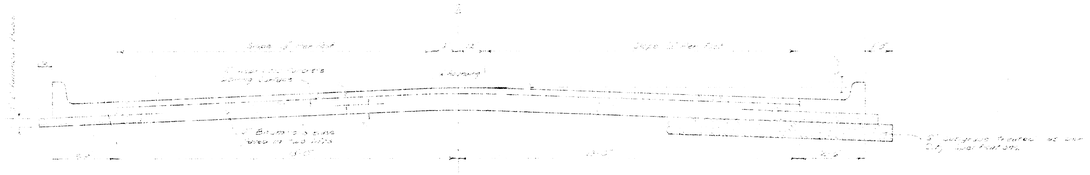
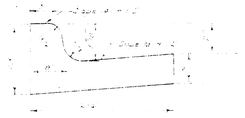
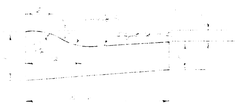
[illegible] Lane
[illegible] TO 21ST. SCHULLER AVE.
[illegible]
PROJ. NO. [illegible]



COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



TYPICAL SECTION

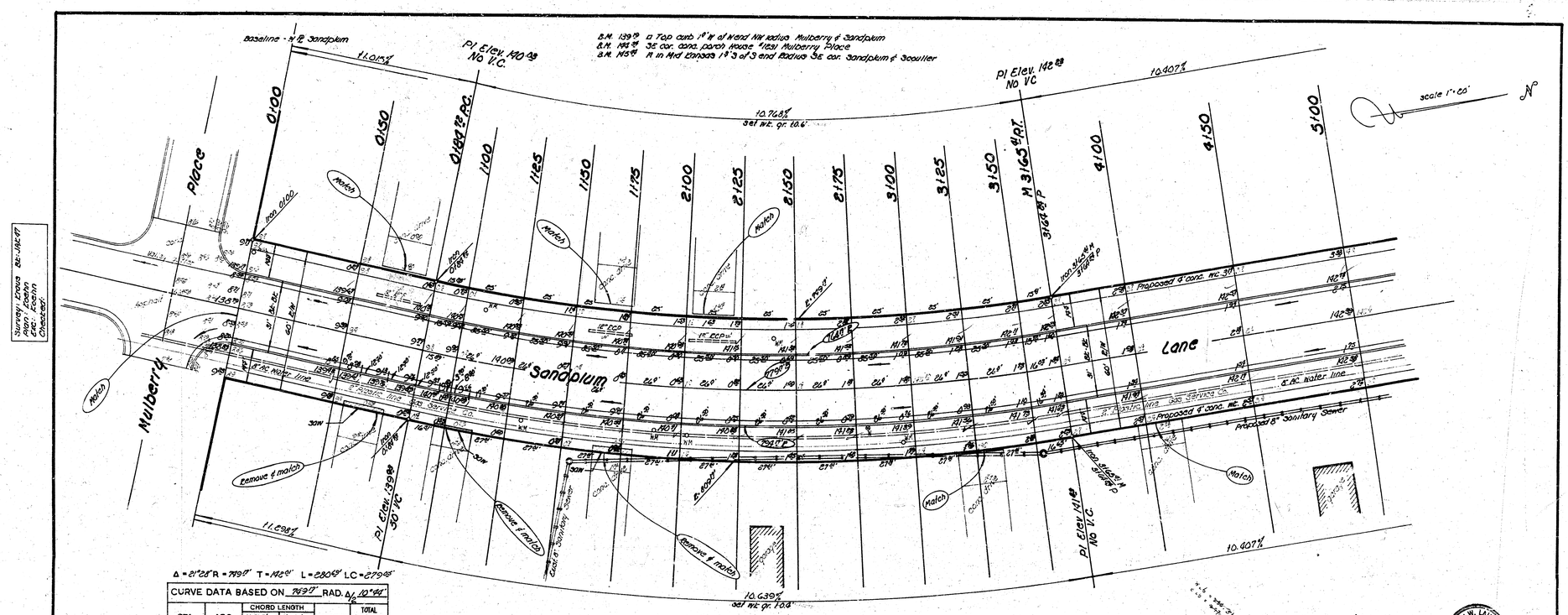
31' ASPHALTIC CONCRETE PAVEMENT W/ BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF [illegible] GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK TO BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PAVT MT FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A PAVING MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR GRADE AND GRADE. JUNCTION OF JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

THE A.C. PAVEMENT BETWEEN THE CURB LINES & GUTTER SHALL BE PAID AT THE 9" A.C. PAVEMENT (2 - 3" BITUMINOUS BASE) THE BITUMINOUS BASE UNDER THE CURB & GUTTER SHALL BE PAID AS 3 1/2" BITUMINOUS BASE

CITY OF WICHITA, KANSAS
[illegible]
BY [illegible] CITY ENGR.
DATE [illegible]



Δ = 21°28' R = 749.0' T = 142.9' L = 280.6' LC = 279.1'

CURVE DATA BASED ON 749.0' RAD. Δ/2 10°44'

STA	ARC	CHORD LENGTH Δ DEF 25'CS	Δ DEF 1/2'CS	DEFLECTION	TOTAL DEFLECTION
0+88½	—	—	—	0°00'00"	0°00'00"
1+00	15.48'	15.48'	15.48'	0°35'30"	0°35'30"
1+25	25'	24.99'	25.00'	0°57'28"	1°32'58"
1+50	25'	24.99'	25.00'	0°57'28"	2°29'47"
1+75	25'	24.99'	25.00'	0°57'28"	3°27'15"
2+00	25'	24.99'	25.00'	0°57'28"	4°24'30"
2+25	25'	24.99'	25.00'	0°57'28"	5°21'58"
2+50	25'	24.99'	25.00'	0°57'28"	6°19'13"
2+75	25'	24.99'	25.00'	0°57'28"	7°16'56"
3+00	25'	24.99'	25.00'	0°57'28"	8°13'26"
3+25	25'	24.99'	25.00'	0°57'28"	9°11'17"
3+50	25'	24.99'	25.00'	0°57'28"	10°8'39"
3+65.8	15.81'	15.80'	15.80'	0°36'21"	10°44'20"

Def/ft. = 2.693772 min.

★ General Notes ★

1. Contractor to clear Right-of-Way, grade parking and construct compacted fill in sidewalk areas, where necessary. Sidewalk to be constructed by others.
2. Type of subgrade treatment shall be as determined by the Field Engineer. Sub-grade treatment may consist of lime treatment, cement treatment, sub-grade modification, or any combination of these.
3. Field Engineer to check, properly drainage, West side Sandplum, Sta. 0+00 to 1+25 for possible ¢ drains from ¢ to curb.
4. All trees on this project affected by any construction shall be protected by both the Engineer and Contractor.

Note: Curve data based on Field Survey notes. Field Engineer to check curve data before staking.

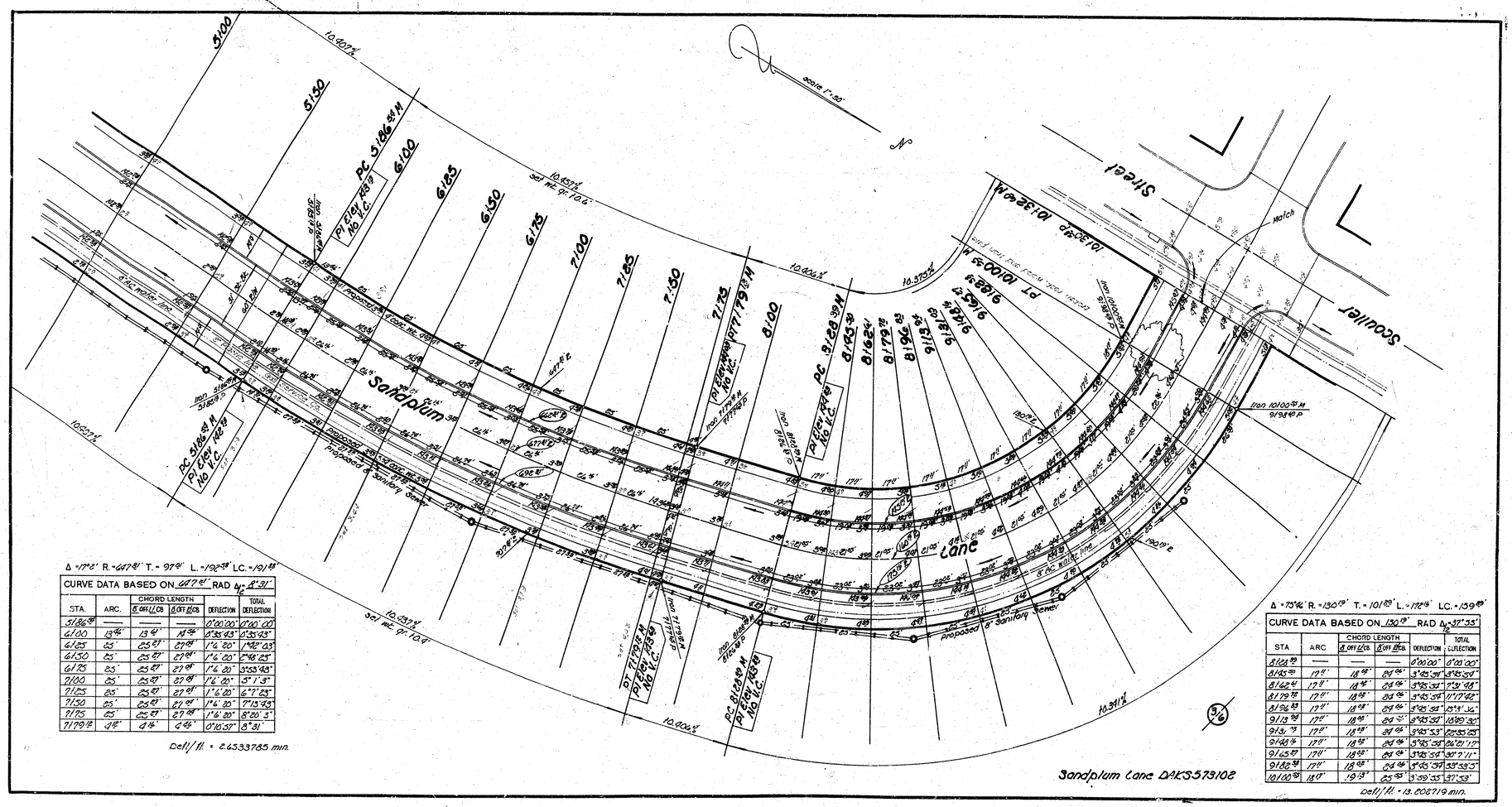
Note to Field Engineer and Contractor: The maximum number of drives that may be constructed is - and changed to this project is 18-20 drives

Earthwork

Excavation	1,134.7 cu yds	comp fill 49.5 cu yds	
+10%	113.5 cu yds	+10% 5.0 cu yds	
Total	1,248.2 cu yds	Total 54.5 cu yds	

LARRY W. LAUDICK REGISTERED ENGINEER 6363

Sandplum Lane
NL Mulberry to EL Scoutler
26-2-30 Asphaltic concrete
City of Wichita, Kansas
Dick Linn City Engineer
Date Proj OAK3573102



Δ = 17°12' R. = 447.91' T. = 97.01' L. = 192.09' LC. = 191.48'

CURVE DATA BASED ON 447.91' RAD $\Delta/2$ = 8°51'

STA.	ARC.	CHORD LENGTH δ Off LL/CB	CHORD LENGTH δ Off RR/CB	DEFLECTION	TOTAL DEFLECTION
5+86.44	——	——	——	0°00'00"	0°00'00"
6+00	13.56'	13.56'	13.56'	0°35'43"	0°35'43"
6+25	25'	25.00'	27.08'	1°46'20"	1°42'03"
6+50	25'	25.00'	27.08'	1°46'20"	2°48'25"
6+75	25'	25.00'	27.08'	1°46'20"	3°53'43"
7+00	25'	25.00'	27.08'	1°46'20"	5° 1'3"
7+25	25'	25.00'	27.08'	1°46'20"	6°7'23"
7+50	25'	25.00'	27.08'	1°46'20"	7°13'43"
7+75	25'	25.00'	27.08'	1°46'20"	8°20'3"
7+79.98	4.98'	4.98'	5.46'	0°10'57"	8°31'

Defl/ft. = 2.6533785 min.

Δ = 73½° R. = 130.19' T. = 101.83' L. = 172.46' LC. = 159.69'

CURVE DATA BASED ON 130.19' RAD $\Delta/2$ = 37°33'

STA	ARC	CHORD LENGTH δ Off LL/CB	CHORD LENGTH δ Off RR/CB	DEFLECTION	TOTAL DEFLECTION
8+43.38	——	——	——	0°00'00"	0°00'00"
8+45.00	17'	16.98'	24.04'	3°45'39"	3°45'39"
8+62.64	17'	16.98'	24.04'	3°45'39"	7°31'18"
8+79.98	17'	16.98'	24.04'	3°45'39"	11°16'42"
8+96.63	17'	16.98'	24.04'	3°45'39"	15°1'36"
9+13.98	17'	16.98'	24.04'	3°45'39"	18°47'15"
9+15.13	17'	16.98'	24.04'	3°45'39"	22°32'54"
9+48.64	17'	16.98'	24.04'	3°45'39"	26°18'33"
9+65.64	17'	16.98'	24.04'	3°45'39"	30°4'12"
9+82.64	17'	16.98'	24.04'	3°45'39"	33°49'51"
10+00.35	18'	19.13'	25.93'	3°59'33"	37°33"

Defl/ft. = 13.208719 min.

Sandplum Lane DAKS573102

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