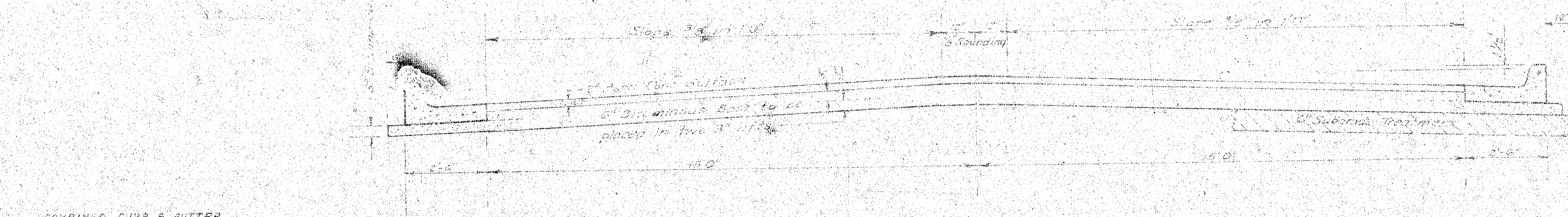


BARRON CIRCLE
E. L. LAUREL TO & INCL. CUL-DE-SAC



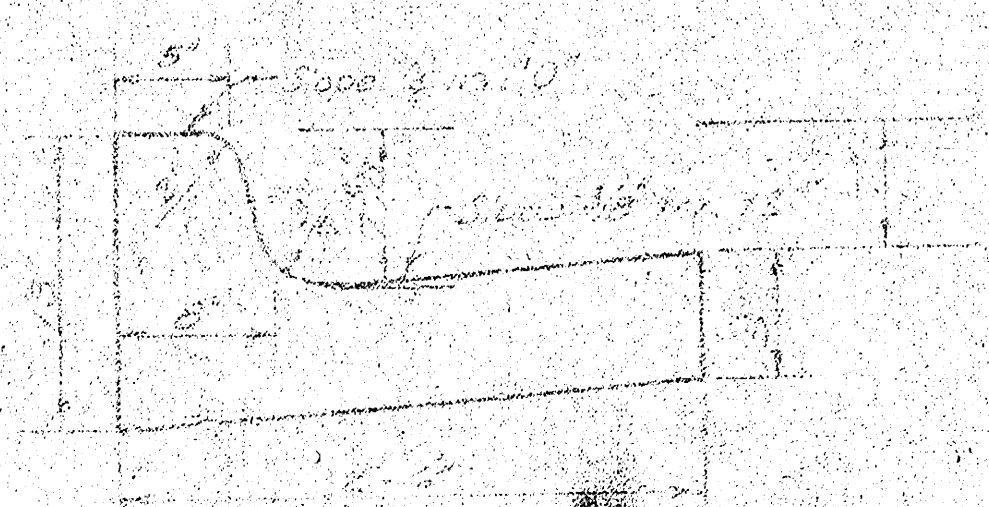
TYPICAL SECTION

35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

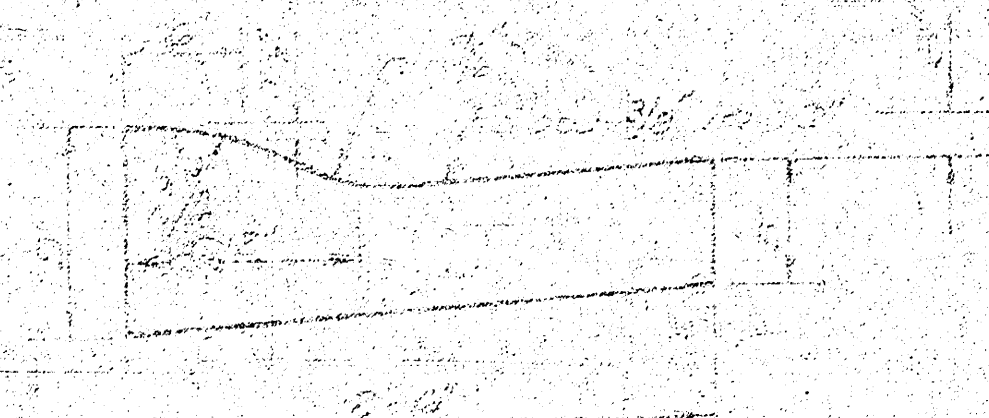
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

The P.C. Pavement between the combined curb & gutter shall be paid as square ft. of pavement to be placed on base. The Bituminous Base under the curb & gutter shall be paid as square ft. of Bituminous Base.

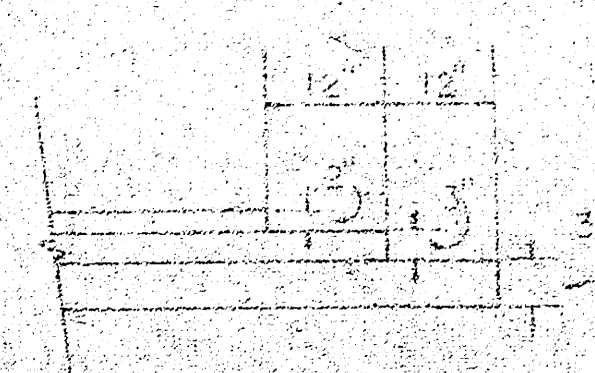
COMBINED CURB & GUTTER



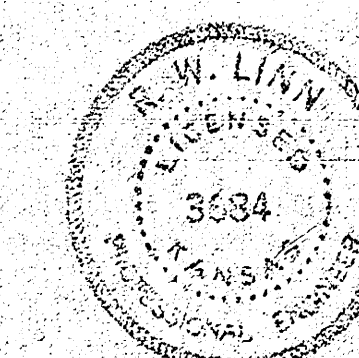
ROLL TYPE CURB & GUTTER



DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.



CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering Division

R.W. LINN CITY ENGINEER
DATE _____ Proj No. DAKS 574096

(1/2)

BASELINE IS CTR. OF BARRON CIRCLE

SPK
BM 16242 P2¹ S-FACE PP N-SIDE LINCOLN 100' E OF LAUREL

2 EARTHWORK PROPERTY 2

EXCAVATION 617.52	Cu. Yds.	COMPACTED FILL 38.63	Cu. Yds.
+ 10% 61.75	Cu. Yds.	+ 10% 3.86	Cu. Yds.
TOTAL 679.27	Cu. Yds.	TOTAL 42.49	Cu. Yds.

M-1675 S.Y.

NO MORE THAN 6-20' DRIVES TO BE
CONSTRUCTED ON THIS PROJECT.

SURVEY KRUG
PLAN NOWELL
ENG. CADMUS
BX DLX 168
EXC BUTTSFIELD

NOTE: CONTRACTOR TO CLEAR RIGHT-OF-WAY, GRADE PARKINGS, AND CONSTRUCT COMPACTED FILL WHERE NECESSARY FOR PROPOSED SIDEWALK. SIDEWALK TO BE CONSTRUCTED BY OTHER FIELD ENGINEER IS TO DETERMINE THE TYPE OF SUBGRADE TREATMENT WHICH IS TO BE USED. SUBGRADE TREATMENT MAY CONSIST OF LIME TREATED SUBGRADE; CEMENT TREATED SUBGRADE, E.C. COMPACTION OF EXISTING SUBGRADE MATERIAL AS SPECIFIED IN STANDARD SPECIFICATIONS, OR ANY COMBINATION OF THESE.

CURVE DATA BASED ON Δ				EAD Δ 220.44'	
STA.	ARC	CHORD LENGTH		TOTAL	
		Δ OFF LCB	Δ OFF RCB	DEFLECTION	DEFLECTION
0+36.25				0'00'00"	0'00'00"
0+50	13.24'	13.65'	12.83'	0'27'57"	0'27'57"
0+75	25.00'	25.77'	24.23'	0'52'48"	1'20'45"
1+00	25.00'	25.77'	24.23'	0'52'48"	2'13'32"
1+25	25.00'	25.77'	24.23'	0'52'48"	3'06'20"
1+50	25.00'	25.77'	24.23'	0'52'48"	3'59'07"
1+75	25.00'	25.77'	24.23'	0'52'48"	4'51'55"
2+00	25.00'	25.77'	24.23'	0'52'48"	5'44'42"
2+25	25.00'	25.77'	24.23'	0'52'48"	6'37'30"
2+50	25.00'	25.77'	24.23'	0'52'48"	7'30'17"
2+75.82	23.87'	24.60'	23.14'	0'30'24"	8'20'41"

$$D_{eff} / F_T = 2.11163807 \text{ MIN.}$$

BARRON CIRCLE
EL LAUREL TO & INCL. CUL-DE-SAC

30-2-34 ASPHALTIC CONCRETE
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
PROJECT NO. DAKS 574096

DATE (2/1)