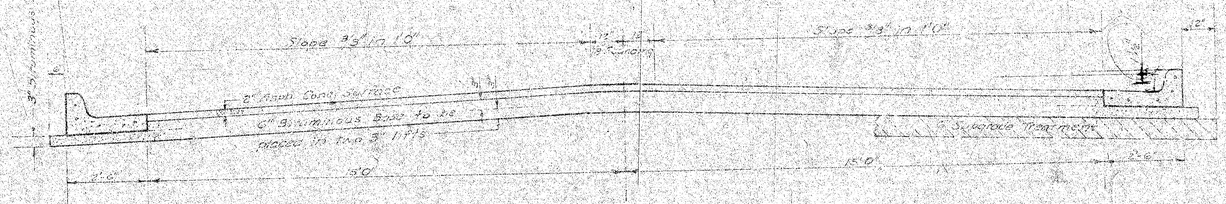
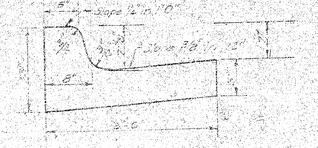
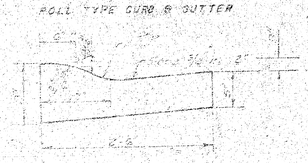
LAUREL
S.L. QUAIL MEADOWS THIRD ADDN. TO S.L. LINCOLN ST.



COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



TYPICAL SECTION

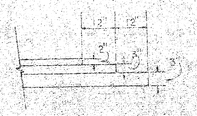
35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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 A.C. Pavement between the comb curb & gutter shall be paid as Sq/yds 8" AC Pavement (w/ Bituminous Base). The Bituminous Base under the comb curb & gutter shall be paid as Sq/yds. 3" Bituminous Base.

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.

R. W. LINN LICENSED 3584 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering Division

R. W. LINN CITY ENGINEER

DATE _____ Proj. No. DAKS 574093 (1/3)

FILMED FROM THE BEST AVAILABLE COPY

BASELINE IS CTR. OF LAUREL B.M. 1624.2 RE SPK. S-FACE PP N-SIDE LINCOLN 100 FT E. OF LAUREL

NOTE: CONTRACTOR TO CONSTRUCT NO MORE THAN 14 - 20' DRIVES ON THIS PROJECT

SCALE 1" = 20'

WALK GRADE +0.7

-1.44%

0+00 0+50 1+00 1+25 1+30 1+62

BARRON CIRCLE

32' 32'

35' B-B

NO CROWN

7" CONC.

VALLEY GUTTER 328

174.20 174.13 174.06

INDIV. 32.00 LT.

20' R/W

6.0 5.5 5.0 4.7 4.4 4.3 4.1 3.8 3.5

6.70 6.1 PROPOSED 5.98 5.5 40' CONC. WALK 5.26 5.1 4.90 4.8 4.68 4.6 4.49 4.4 4.30 4.2 4.10 4.0 3.90 3.8 3.70 3.6 3.50 3.4 3.34 3.3 3.25

5.87 176.3 5.15 175.8 4.43 175.3 4.07 174.9 4.04 174.9 3.95 174.9 3.87 174.7 3.79 174.6 3.70 174.5

5.37 176.00 4.93 173.8 4.56 174.56 4.28 174.28 4.21 174.21 4.13 174.13 4.06 174.06

6.70 6.6 PROPOSED 5.98 6.1 40' CONC. WALK 5.26 5.3 4.90 5.0 4.68 4.7 4.49 4.7 4.30 4.7 4.10 4.7 3.90 4.7 3.70 4.6 3.50 4.4 3.34 4.2 3.25

INDIV. 32.00 RT.

20' R/W

6.7 6.2 5.3 5.0

-1.44%

WALK GRADE +0.7

1+94 1+99 2+50 3+00 3+50 4+00 4+29.72

-0.4336%

4+34.72 P

4+34.2 M

P.C.

32' 32'

35' B-B

COOPER

FULL CROWN

INDIV. 32.00 LT.

20' R/W

6.4 6.1 5.8 5.5

17250 17256 17265 17268 17268 17268

SCALE 1" = 20'

N

WALK GRADE +0.4

-1.3342 %

5+75 6+00 6+25 6+50 6+58.28 7+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+27.42 11+32.42

P.T.

P.T.

LAUREL

LINCOLN ST.

35'

35'

18" CLAY SAN. S. LINE

PROPOSED 18" SWS LINE

PROPOSED 15" SWS LINE

FULL CROWN

EXIST. 18" SWS LINE

EXIST. 15" SWS LINE

EXIST. CURVE DATA FROM MONUMENTS ON CL OF LAUREL

-1.5243 %

WALK GRADE +0.7

Δ = 39°38' R. = 325' T. = 116.69 L. = 224.06' L.C. = 219.65'

CURVE DATA BASED ON ℄ RAD. D/2 = 13°45'

STA.	ARC.	CHORD LENGTH & OFF ℄ CB	CHORD LENGTH & OFF ℄ CB	DEFLECTION	TOTAL DEFLECTION
4+34.28	———	———	———	0°00'00"	0°00'00"
4+36 ℄	1.38'	1.49	1.27	0°07'18"	0°07'18"
4+98 ℄	12.50'	13.46	11.54	1°06'07"	1°13'25"
4+61 ℄	12.50'	13.46	11.54	1°06'06"	2°19'31"
4+73 ℄	12.50'	13.46	11.54	1°06'07"	3°25'38"
4+86 ℄	12.50'	13.46	11.54	1°06'06"	4°31'44"
4+97.28	10.95'	11.79	10.11	0°57'55"	5°29'39"

DEFL./FT. = 5.2888 MIN.

STA.	ARC.	CHORD LENGTH & OFF ℄ CB	CHORD LENGTH & OFF ℄ CB	DEFLECTION	TOTAL DEFLECTION
5+25	27.95'	30.09	25.79	2°27'50"	7°57'29"
5+50	25.00'	26.92	23.07	2°12'13"	10°09'42"
5+75	25.00'	26.92	23.07	2°12'13"	12°21'55"
6+00	25.00'	26.92	23.07	2°12'13"	14°34'08"
6+25	25.00'	26.92	23.07	2°12'14"	16°46'22"
6+50	25.00'	26.92	23.07	2°12'13"	18°58'35"
6+58.28	8.78'	9.46	8.10	0°46'26"	19°45'01"

■ - INDICATES 2x5 INLAY BY OTHERS

LAUREL
S.L. QUAIL MEADOWS THIRD ADDN. TO
S.L. LINCOLN ST.
30-2-34 ASPHALTIC CONCRETE
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
PROJECT NO. DAKS 574093
DATE: 8/13