

COOPER
W.L. LOT 9, BLK. 3 QUAIL MEADOWS THIRD ADDN. TO W.L. LAUREL



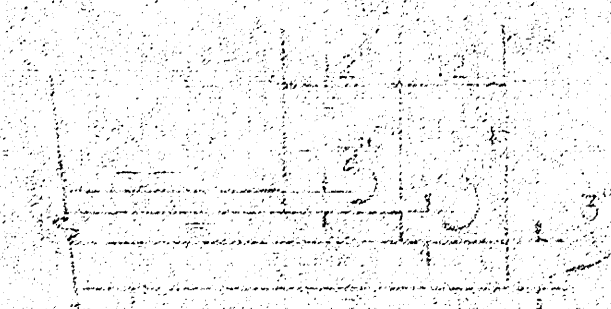
TYPICAL SECTION

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.

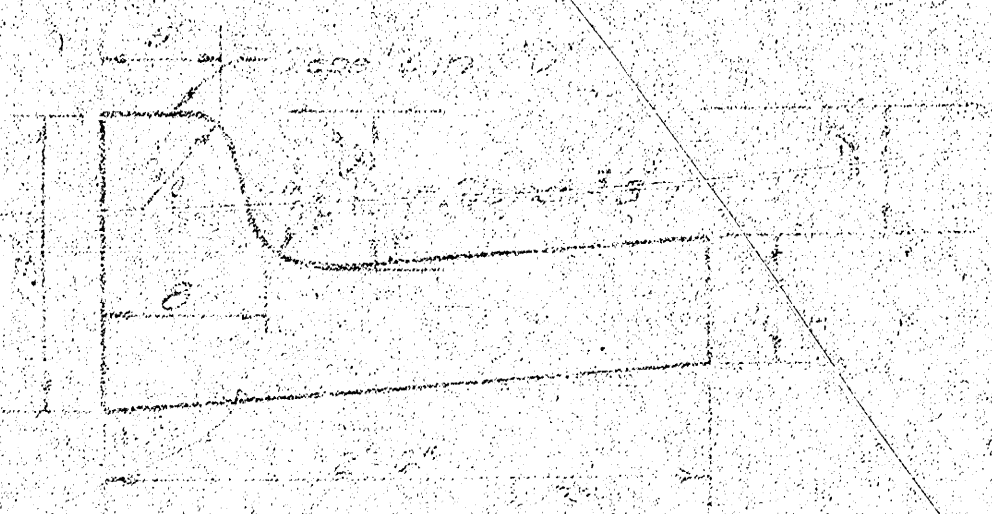
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



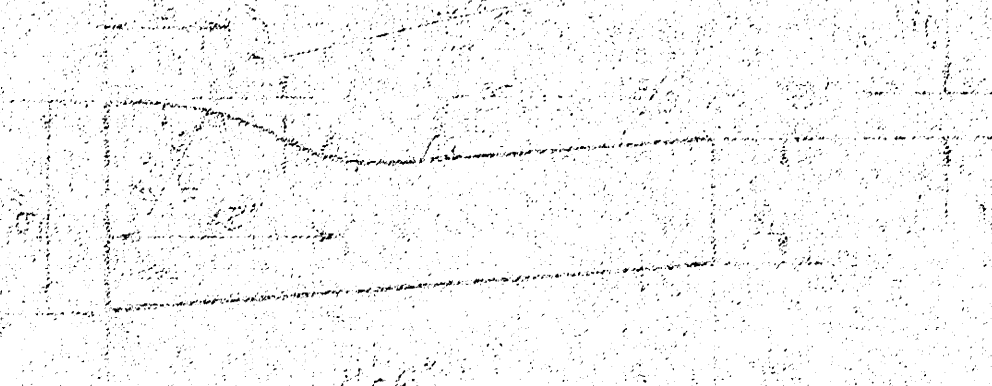
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

The 1/2" pavement between the curb and the road shall be paid as shown on the plan. The 1/2" pavement between the curb and the road shall be paid as shown on the plan.

COMBINED CURB & CUTTER



ROLL TYPE CURB & CUTTER



CITY OF WICHITA, KANSAS

DEPARTMENT of PUBLIC WORKS

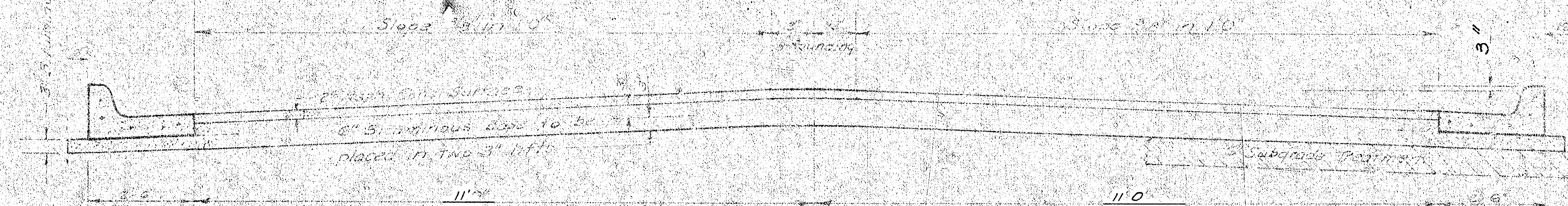
Division:

R.W. LINN CITY ENGINEER

DATE 1-75 Proj. No. DAKS 574094

(3)

COOPER CT.
S.L. COOPER TO 8 INCL. CUL-DE-SAC



TYPICAL SECTION

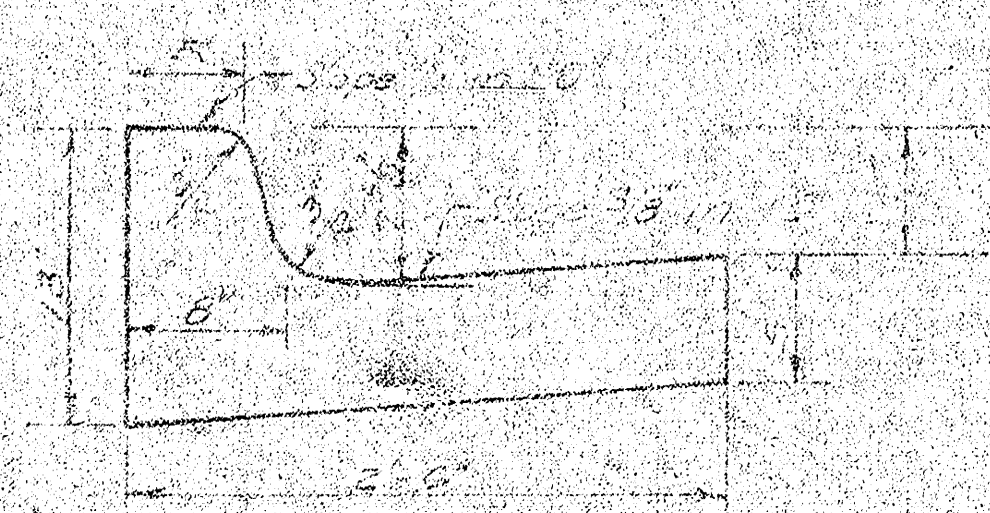
26 ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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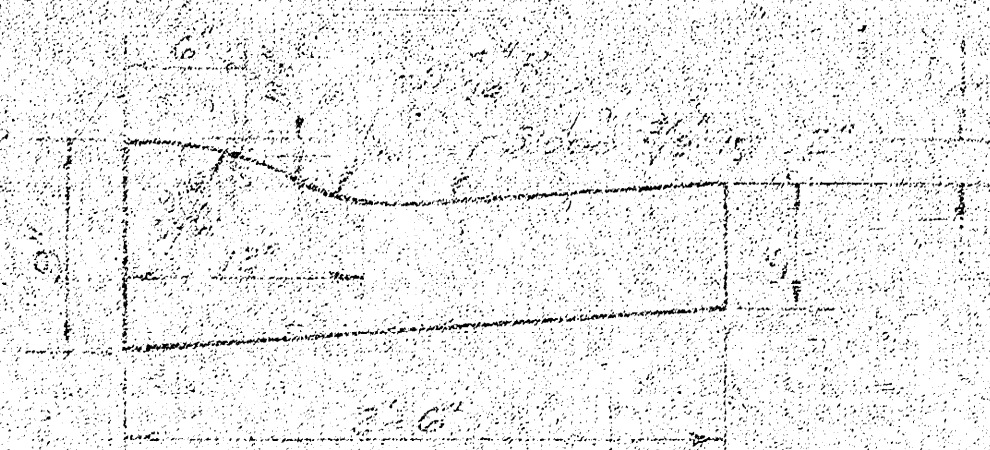
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED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

The 4\"/>

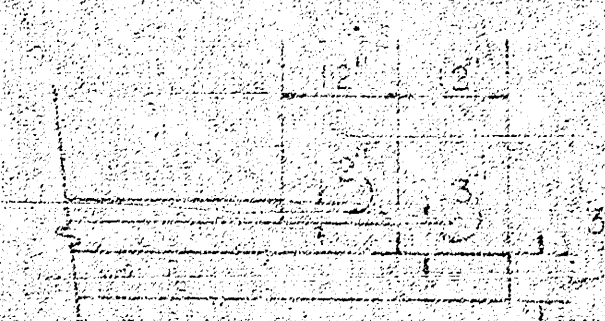
COMBINED CURB & GUTTER



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

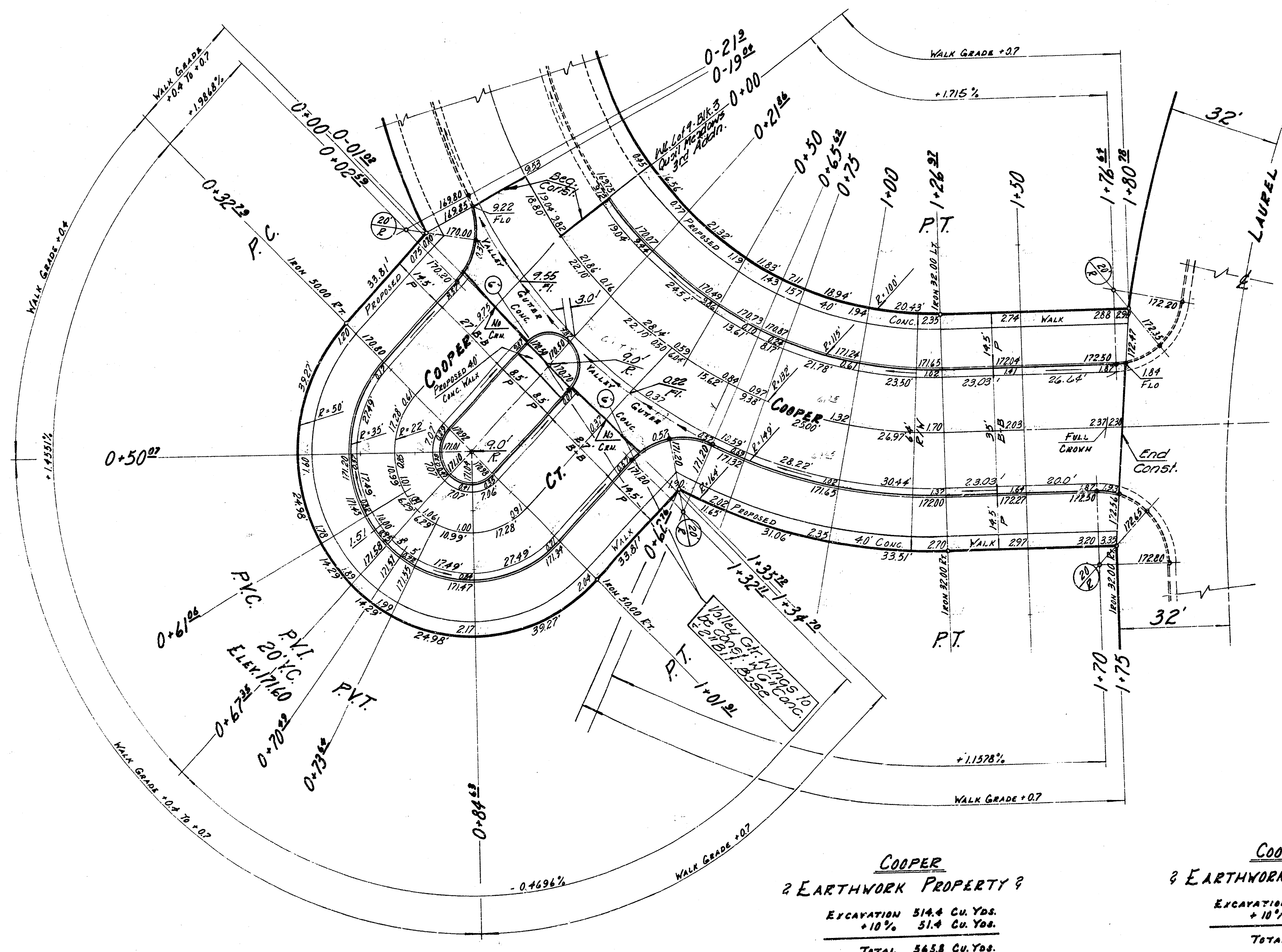
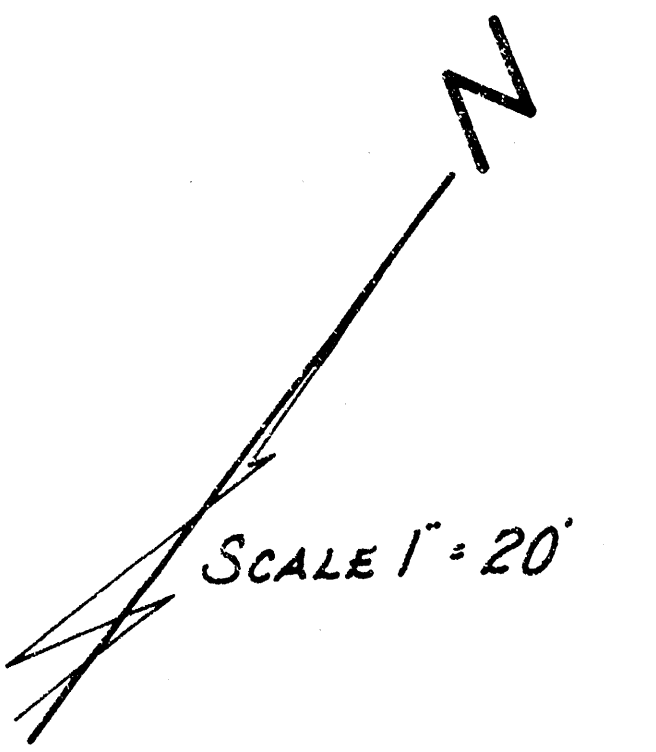
CITY ENGINEER

DATE 1-75

Proj. No. DAKS 574094

(2/)

BASELINE IS CTR. OF COOPER B.M. 162.42 R.R. SP. S-FACE PP. N-SIDE LINCOLN 100' E OF LAUREL



$\Delta = 43^\circ 24' 42'' = 132'$ $T = 81.49'$ $L = 146.01'$ $LC = 138.48'$

CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\Delta_2 = 31^\circ 41' 21''$

STA.	ARC.	CHORD	LENGTH	DEFLECTION	TOTAL DEFLECTION
		8' OFF L.C.	8' OFF R.C.		
0+19.44				0' 00" 00"	0' 00" 00"
0+00	19.04'	15.42	22.63	4' 07' 56"	4' 07' 56"
0+21.84	21.84'	17.70	25.97	4' 44' 39"	8' 52' 35"
0+50	28.14'	22.71	33.41	6' 06' 26"	14' 59' 01"
0+63.84	15.62'	12.45	12.57	3' 23' 24"	18' 22' 25"
0+75	9.38'	7.60	11.15	2' 02' 09"	20' 24' 34"
1+00	25.00'	20.23	24.69	3' 25' 33"	23' 50' 07"
1+24.92	24.92'	21.82	32.02	5' 51' 12"	31' 41' 19"

DEFL. / FT. = 13.02176807 MIN.

$\Delta = 10^\circ 00' 00'' = 22'$ $T = 0'$ $L = 69.12'$ $LC = 44.00'$

CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\Delta_2 = 30^\circ 00' 00''$

STA.	ARC.	CHORD	LENGTH	DEFLECTION	TOTAL DEFLECTION
		8' OFF L.C.	8' OFF R.C.		
0+32.22				0' 00" 00"	0' 00" 00"
0+50.22	17.28'	3.06	32.91	22' 30' 06"	22' 30' 06"
0+61.84	10.99'	1.98	21.26	14' 18' 39"	36' 48' 45"
0+67.84	6.29'	1.14	12.25	8' 11' 26"	45' 00' 12"
0+73.84	6.29'	1.14	12.25	8' 11' 26"	53' 11' 38"
0+84.33	10.99'	1.98	21.26	14' 18' 39"	67' 30' 17"
1+01.21	17.28'	3.06	32.91	22' 30' 06"	90' 00' 23"

DEFL. / FT. = 78.13060843 MIN.

NOTE - Construct (2) Conc. Dr. on Cooper only
(2) " Drs. " Cooper Ct. only

**COOPER CT.
EARTHWORK**
EXCAVATION 217.4 Cu. Yds.
+10% 31.7 Cu. Yds.
TOTAL 249.1 Cu. Yds.

**COOPER
& EARTHWORK PROPERTY**
EXCAVATION 514.4 Cu. Yds.
+10% 51.4 Cu. Yds.
TOTAL 565.8 Cu. Yds.

**COOPER
& EARTHWORK CITY**
EXCAVATION 199.3 Cu. Yds.
+10% 19.9 Cu. Yds.
TOTAL 219.2 Cu. Yds.

COOPER CT.
SL. COOPER TO & INCL. CUL-DE-SAC
22-2-26 ASPHALTIC CONCRETE
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
PROJECT NO. DAKS 574094
DATE: 3/5

COOPER
W.L. LOT 9, BLK. 3 QUAIL MEADOWS THIRD
ADDN. TO W.L. LAUREL
30-2-34 ASPHALTIC CONCRETE
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
PROJECT NO. DAKS 574094
DATE: 3/5

NOTE TO FIELD ENGINEER & CONTRACTOR:
Grass parking and clear right-of-way for proposed sidewalk. Sidewalk full to sidewalk area to be constructed by contractor.

SUB-GRADE
TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

Survey Notes
Plan Manual
Checked