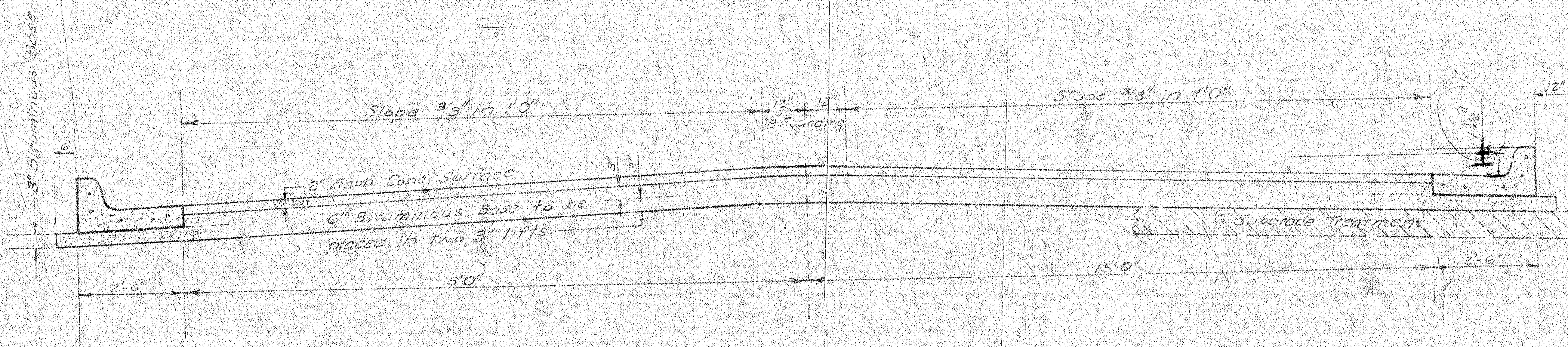


LAUREL
SL. QUAIL MEADOWS THIRD ADDN. TO SL. LINCOLN ST.



TYPICAL SECTION

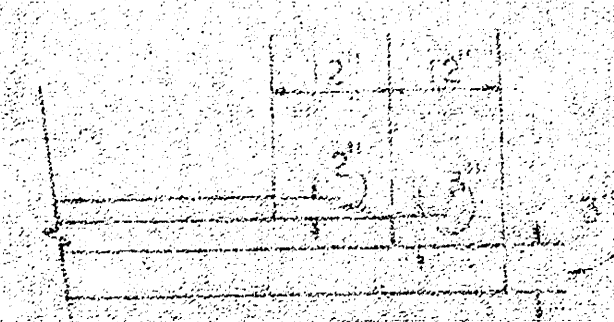
35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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.

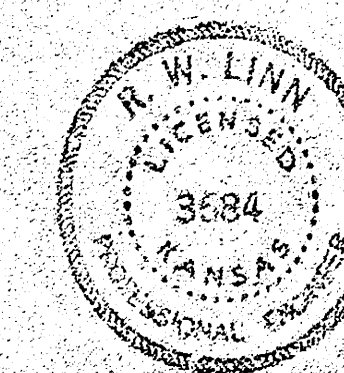
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED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

The A.C. Pavement between the curb & gutter shall be paid as Solids B' 11C Pavement in Bituminous Base.
The Bituminous Base under the curb & gutter shall be paid as Solids 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.



CITY OF WICHITA KANSAS

DEPARTMENT OF PUBLIC WORKS - Engineering

DESIGNED BY

R. W. LINN

CITY ENGINEER

DATE

Proj. No. DAKS 674093

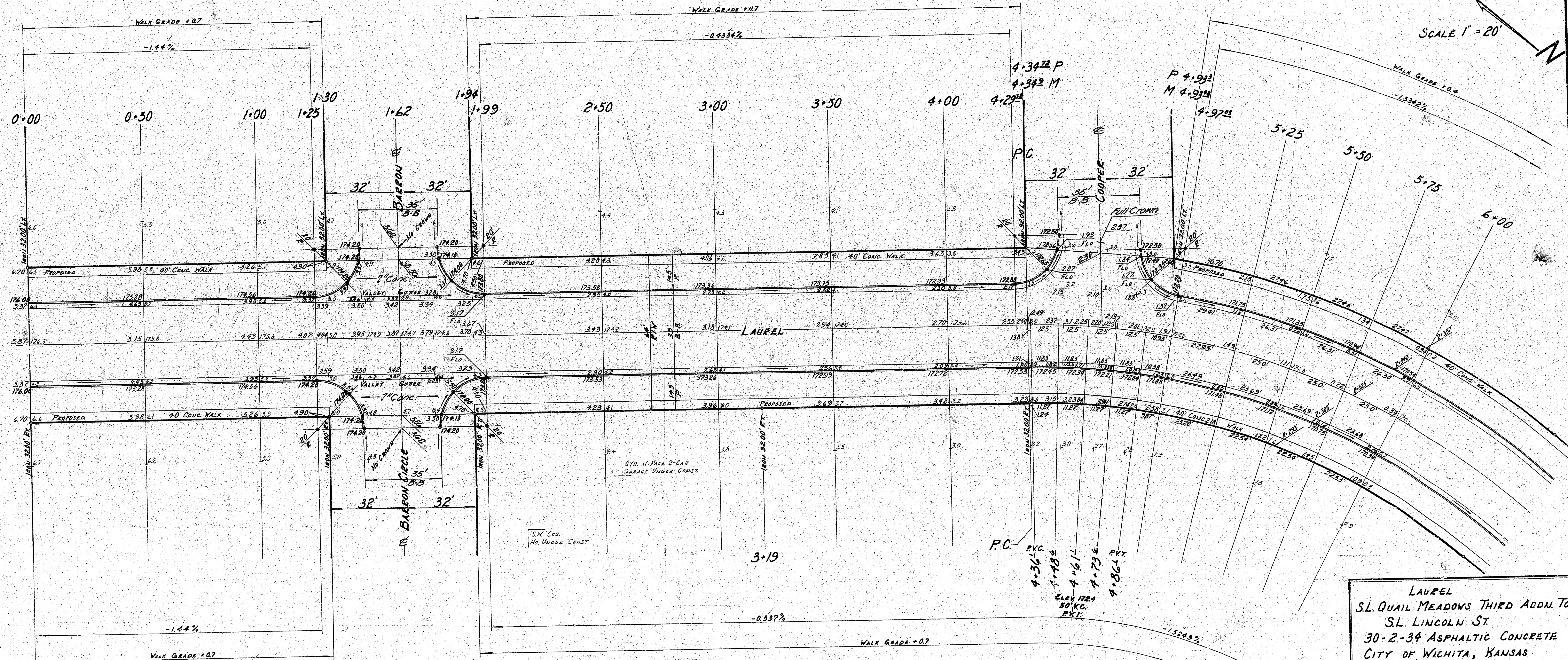
(1/3)

BASELINE IS CTR. OF LAUREL B.M. 162+2 RE 3RD 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'

Surveying
Elev. Control
Etc. BUTLERFIELD



NOTE: CONTRACTOR TO CLEAR RIGHT-OF-WAY, GRADE PARKINGS, AND CONSTRUCT COMPACTED FILL WHERE NECESSARY FOR PROPOSED SIDEWALK. SIDEWALK TO BE CONSTRUCTED BY OTHERS. 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, OR COMPACTION OF EXISTING SUBGRADE MATERIAL AS SPECIFIED IN STANDARD SPECIFICATIONS, OR ANY COMBINATION OF THESE.

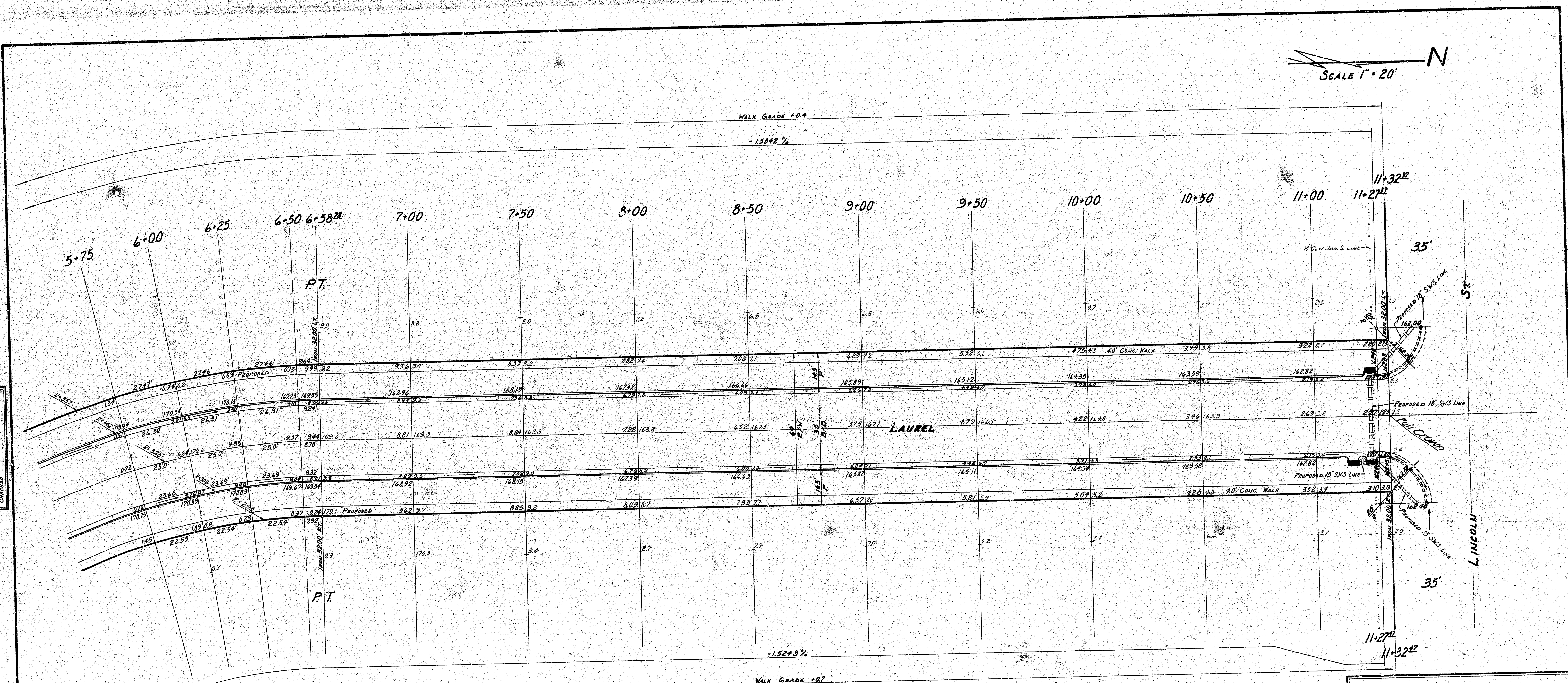
EARTHWORK PROPERTY	
EXCAVATION 2362.25 Cu. Yds.	COMPACTED FILL 5.47 Cu. Yds.
+10% 2362.22 Cu. Yds.	+10% .55 Cu. Yds.
TOTAL 2398.47 Cu. Yds.	TOTAL 6.02 Cu. Yds.

EARTHWORK CITY	
EXCAVATION 294.79 Cu. Yds.	
+10% 294.43 Cu. Yds.	
TOTAL 324.27 Cu. Yds.	

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:
(2/13)

Survey Data
 1/2" = 20'
 1/4" = 40'
 1/8" = 80'

SCALE 1" = 20' N



$\Delta = 39^\circ 30'$ $R = 325'$ $T = 114.63'$ $L = 219.65'$ $LC = 219.65'$

DEFL/Ft. = 5.28884119 Min.

CURVE DATA BASED ON $\Delta = 39^\circ 30'$ RAD. $\Delta/2 = 19^\circ 45'$					
STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION	
4+34.12			0°00'00"	0°00'00"	
4+36.1	1.98'	1.49	0°07'18"	0°07'18"	
4+38.1	12.50'	13.46	1°06'07"	1°13'25"	
4+40.1	12.50'	13.46	1°06'07"	2°19'32"	
4+42.1	12.50'	13.46	1°06'07"	3°25'39"	
4+44.1	12.50'	13.46	1°06'07"	4°31'46"	
4+46.1	10.95'	11.79	0°57'55"	5°29'41"	

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
5+25	27.95'	38.09	2°27'30"	2°27'30"
5+50	25.00'	26.92	2°12'13"	4°39'43"
5+75	23.00'	24.92	2°12'13"	6°51'56"
6+00	25.00'	26.92	2°12'13"	9°04'09"
6+25	25.00'	26.92	2°12'13"	11°16'22"
6+50	25.00'	26.92	2°12'13"	13°28'35"
6+75	8.78'	9.46	0°46'26"	14°15'01"

INDICATES 2x5 INLET 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 3/3