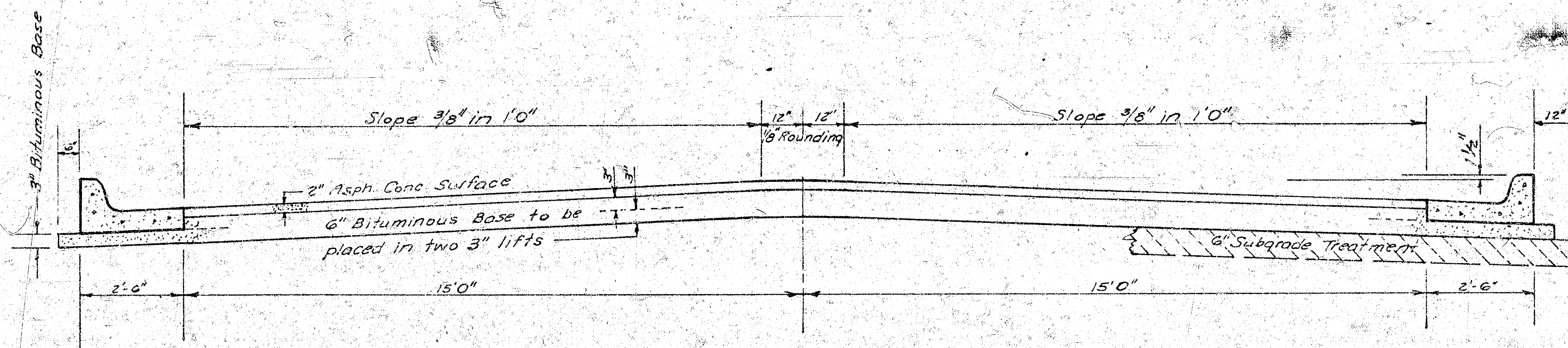


GRAND

S.L. LOT 2, BLK. 1, QUAIL MEADOWS 2ND TO W.L. BEDELL

PROJECT NO. — DAKS 574066

472 76 245 80233 000 000 001



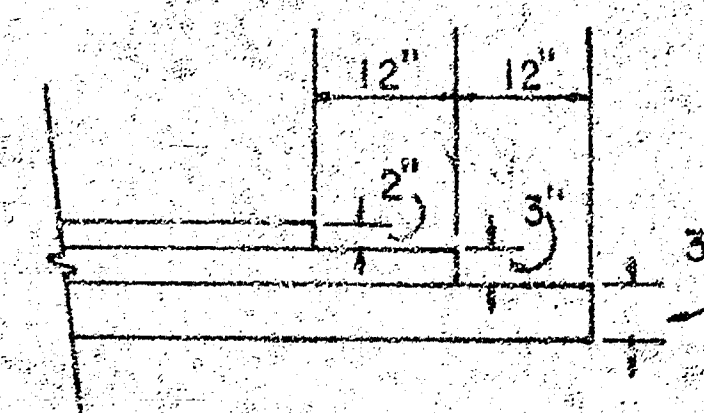
TYPICAL SECTION

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.

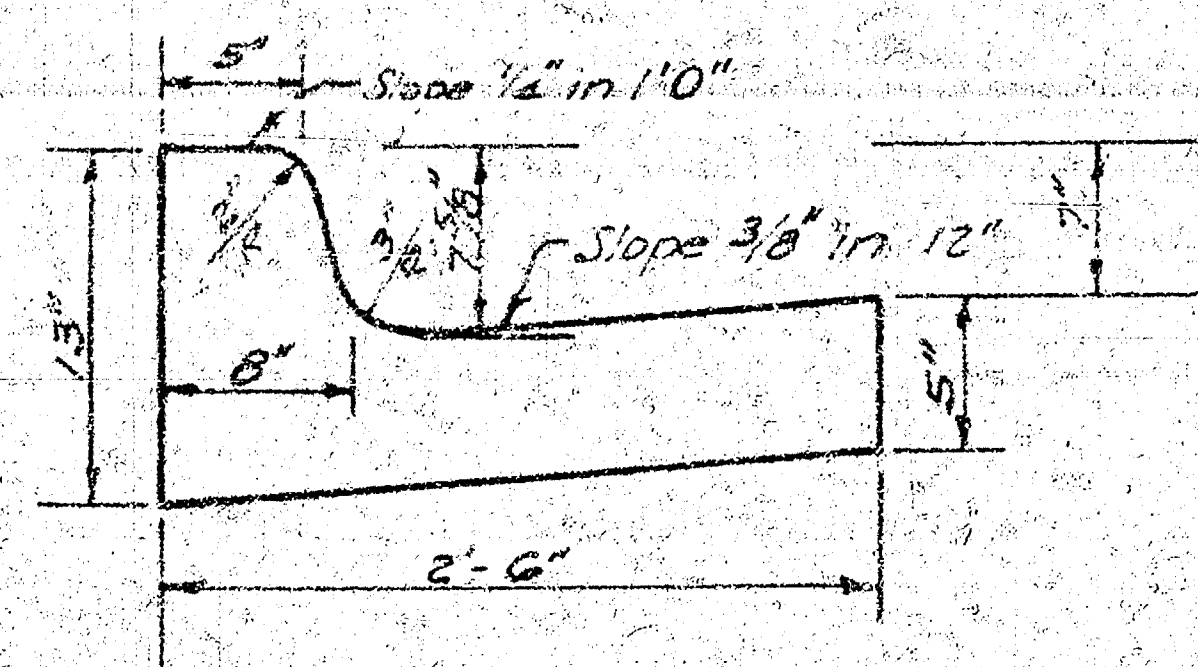
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



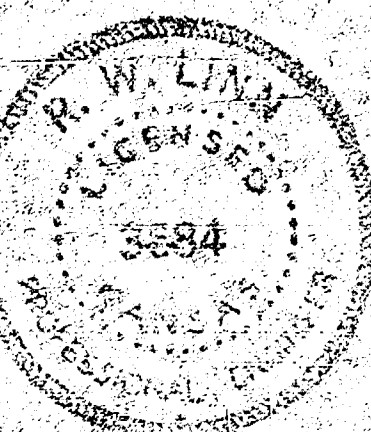
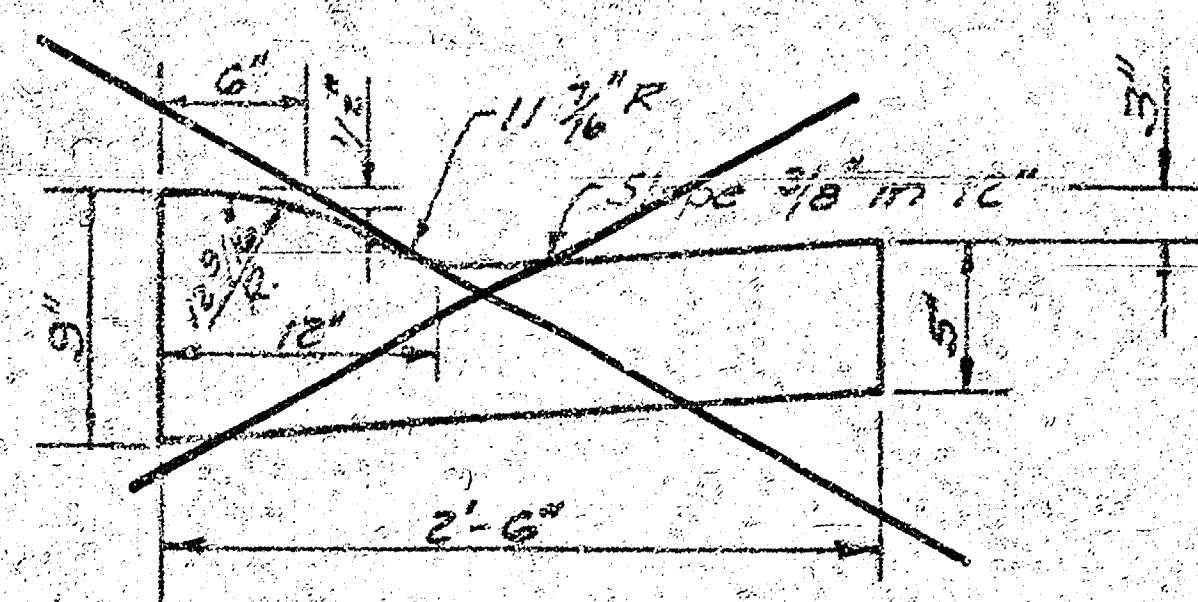
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

The A.C. Pavement between the comb. curb & gutter shall be paid as Sq. Yds. 8" A.C. Pavement (6" Bituminous Base).
The Bituminous Base under the comb. curb & gutter shall be paid as Sq. Yds. 3" Bituminous Base.

COMBINED CURB & GUTTER



SOLE TYPE CURB & GUTTER



CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering

Division

R. W. LINN

CITY ENGINEER

DATE

Proj No. DAKS 574066

B.M. 16795 RR Spk. N. Side RR. N. Side Harry & 25' E. of E.L. Bedell.
 B.M. 16192 City Std. 42' W. & 48' S. of 1/4 Sec. Cor. on Harry St.
 1/2 Mile E. of Rock Road.
 B.M. 16282 'a' Top W. Cb. Bedell & S.L. Grand.

Baseline is W. & S. P. Grand.

Note:

Contractor shall take ties and Replace any 'irons' either moved or destroyed during construction.

- Indicates Removal.

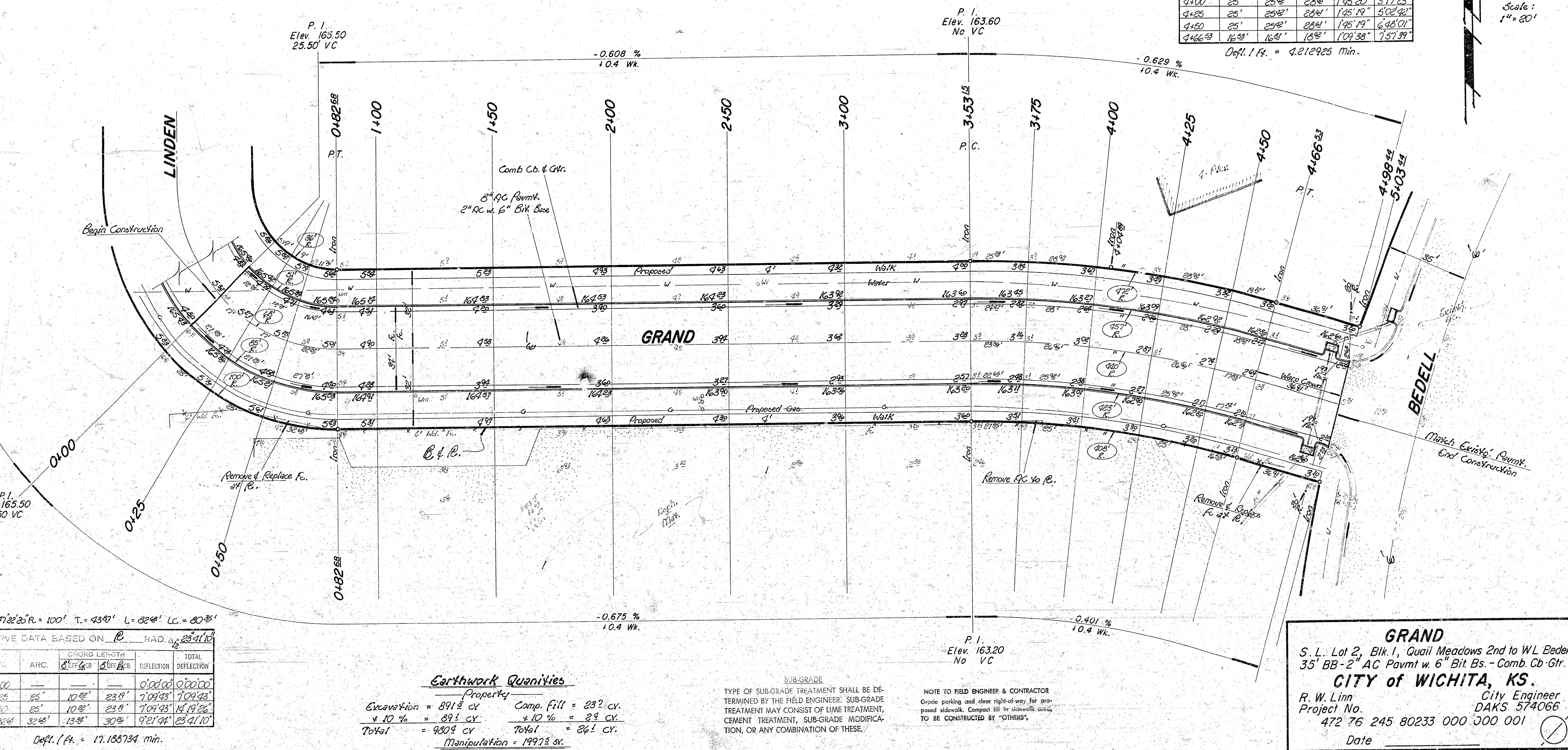
$\Delta = 15.5517''$ R. = 408' T. = 57.92' L. = 113.35' L.C. = 113.91'

CURVE DATA BASED ON $\Delta = 7.5739''$ RAD.

STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
		OFF G.C.B.	OFF G.C.B.	
3+53.15			0.00'00"	0.00'00"
3+75	21.85'	22.22'	25.04'	1.32'03"
4+00	25'	25.42'	28.64'	3.17'23"
4+25	25'	25.42'	28.64'	5.02'42"
4+50	25'	25.42'	28.64'	6.48'01"
4+66.53	16.33'	16.81'	18.92'	7.57'39"

Defl. 1 ft. = 4.212925 Min.

Scale: 1" = 20'



$\Delta = 17.2220''$ R. = 100' T. = 43.82' L. = 82.88' L.C. = 80.35'

CURVE DATA BASED ON $\Delta = 23.4110''$ RAD.

STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
		OFF G.C.B.	OFF G.C.B.	
0+00			0.00'00"	0.00'00"
0+25	85'	10.22'	23.81'	7.09'43"
0+50	25'	10.22'	23.81'	14.19'26"
0+75	32.46'	13.34'	30.26'	23.41'10"

Defl. 1 ft. = 17.185734 Min.

Earthwork Quantities

Excavation = 891.5 CY
 + 10% = 891.5 CY
 Total = 980.9 CY
 Manipulation = 1997.5 SY
 Comp. Fill = 232.2 CY
 + 10% = 232.2 CY
 Total = 261.1 CY

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.

NOTE TO FIELD ENGINEER & CONTRACTOR
 Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk areas TO BE CONSTRUCTED BY "OTHERS".

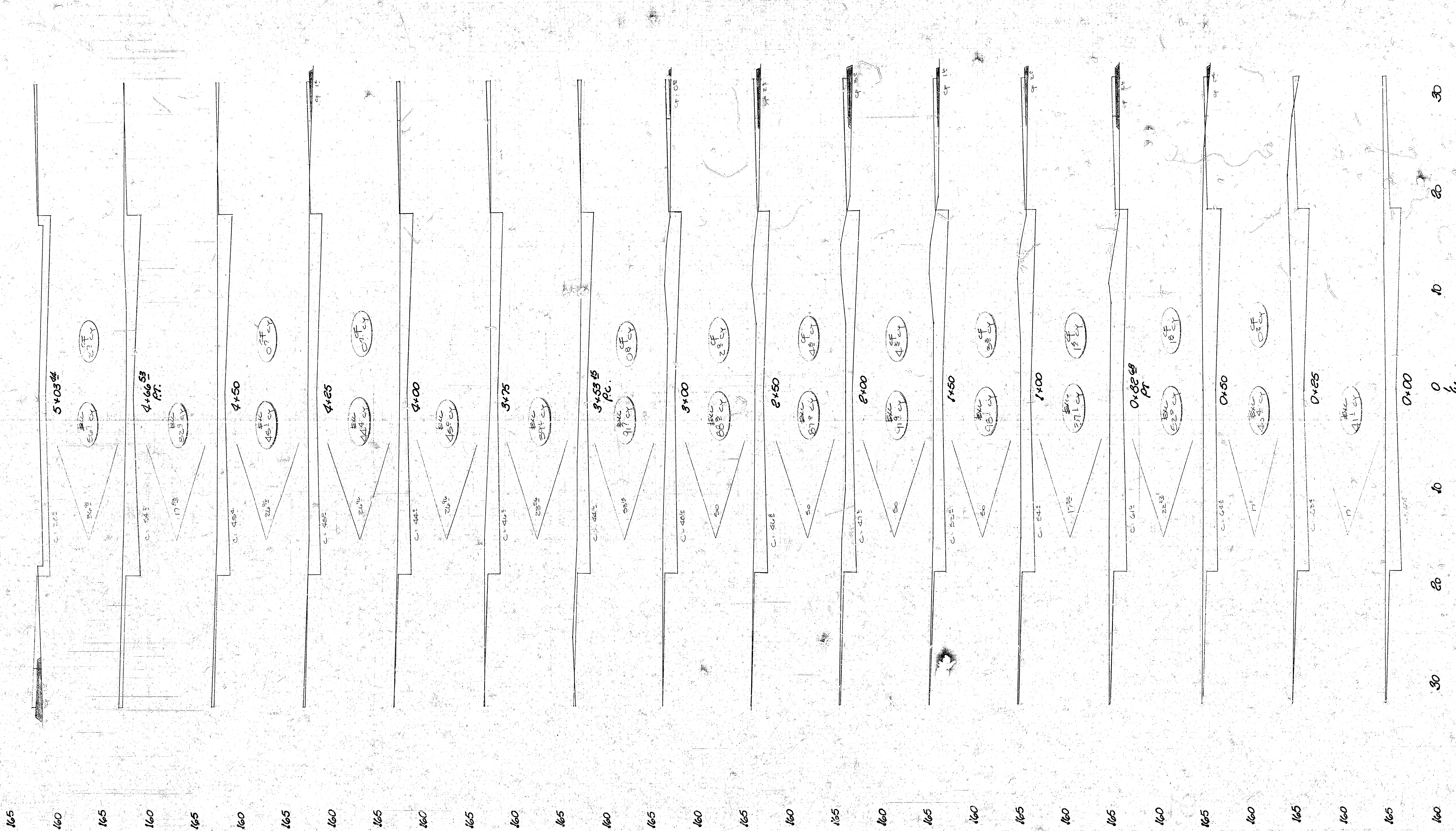
GRAND

S.L. Lot 2, Blk. 1, Quail Meadows 2nd to WL Bedell
 35' BB-2" AC Pavmt w. 6" Bit. Bs. - Comb. Cb. Gtr.

CITY OF WICHITA, KS.

R. W. Linn City Engineer
 Project No. DAKS 574066
 472 76 245 80233 000 300 001

Date



Grand
SL Core Bk 1 Road Map End to WL Base 11