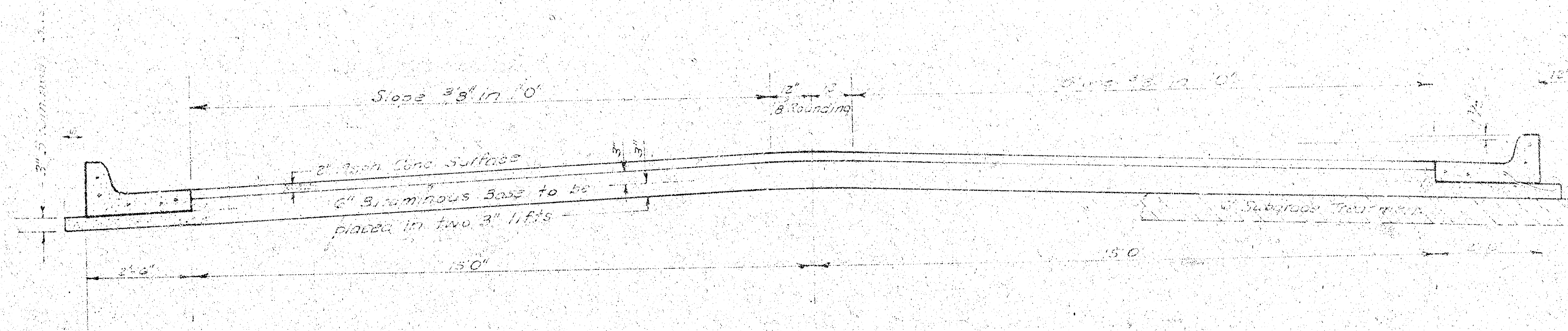


CYPRESS

S. L. DOS RIOS TO S. L. LINCOLN
QUAIL MEADOWS, 3rd ADDITION



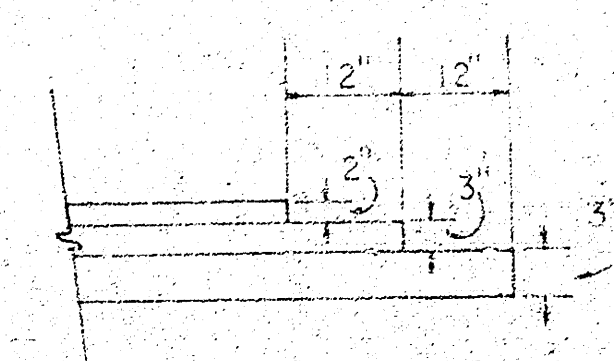
TYPICAL SECTION

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.

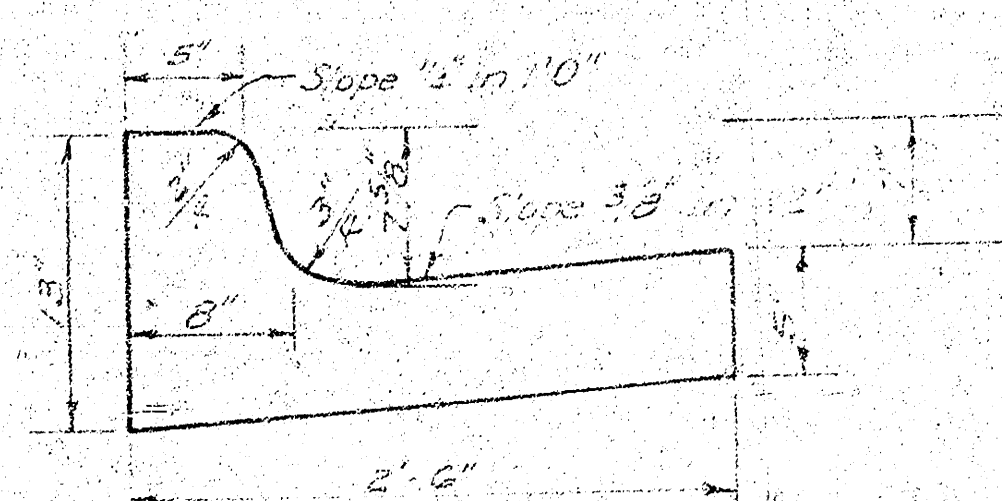
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



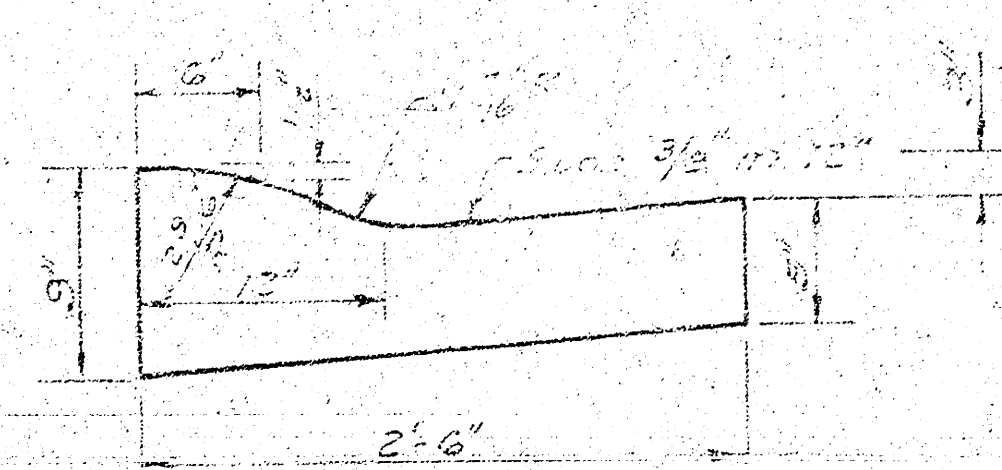
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

The A.C. Pavement between the curb and gutter shall be paid as Sqds. 2\"/>

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering Division

R. W. LINN

CITY ENGINEER

DATE

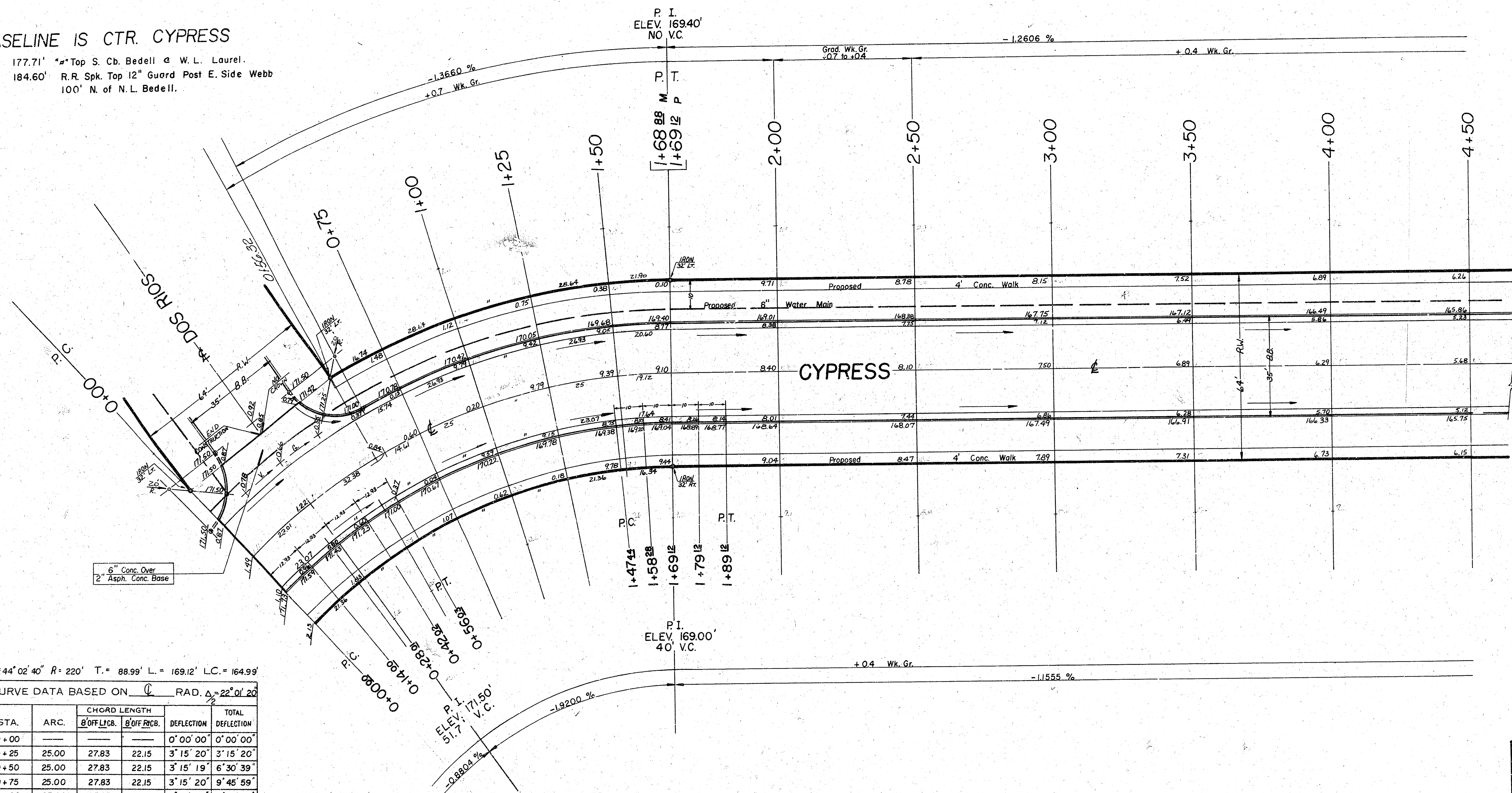
Proj. No.

DAKS 574091

1/1

BASELINE IS CTR. CYPRESS

B.M. 177.71' "a" Top S. Cb. Bedell & W. L. Laurel.
B.M. 184.60' R.R. Spk. Top 12" Guard Post E. Side Webb
100' N. of N.L. Bedell.



$\Delta = 44^\circ 02' 40''$ $R = 220'$ $T = 88.99'$ $L = 169.12'$ $LC = 164.99'$

CURVE DATA BASED ON $\Delta = 22^\circ 01' 20''$

STA.	ARC.	CHORD LENGTH	CHORD BEARS	CHORD BEARS	DEFLECTION	TOTAL DEFLECTION
0+00					0' 00' 00"	0' 00' 00"
0+25	25.00	27.83	22.15	3' 15' 20"	3' 15' 20"	
0+50	25.00	27.83	22.15	3' 15' 19"	6' 30' 39"	
0+75	25.00	27.83	22.15	3' 15' 20"	9' 45' 59"	
1+00	25.00	27.83	22.15	3' 15' 19"	13' 01' 18"	
1+25	25.00	27.83	22.15	3' 15' 20"	16' 16' 38"	
1+50	25.00	27.83	22.15	3' 15' 20"	19' 31' 58"	
1+75	19.12	21.29	16.94	2' 29' 22"	22' 01' 20"	

DEFL. / FT. = 7.8130609 MIN.

CONSTRUCTION TO ALLOW
FOR 22'-20" CONC. DRIVEWAYS

EARTHWORK QUANTITIES

	PROPERTY	CITY
Exc.	Comp. Fill	Exc.
X' Sections	2334.84 C.Y.	88.73 C.Y.
+ 10 %	2334.84 C.Y.	88.73 C.Y.
Totals	2568.32 C.Y.	97.60 C.Y.

5475 SF S.G.M.

SUB-GRADE

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

NOTE TO FIELD ENGINEER & CONTRACTOR:
Grade posting and other information shall be provided by the City Engineer. The City Engineer shall be responsible for the accuracy of the information provided.

CYPRESS

S. L. DOS RIOS TO S. L. LINCOLN
ASPHALTIC CONCRETE PAVEMENT
35' B-B. WITH COMB. CB. & GTR.

CITY of WICHITA, KANSAS

R. W. LINN CITY ENGINEER

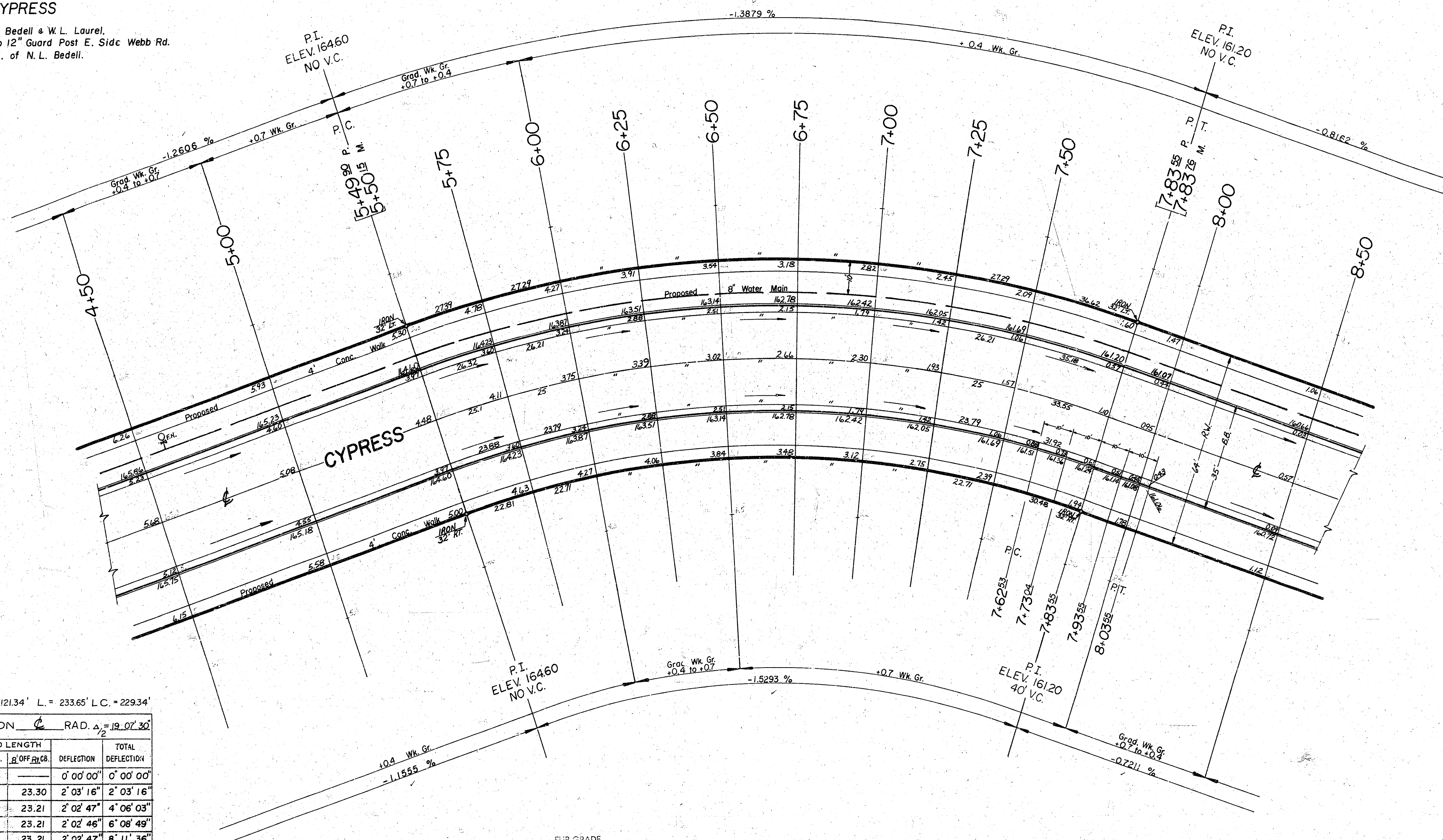
PROJECT NO. DAKS 574091

DATE:

Scale 1" = 20'

BASELINE IS CTR. CYPRESS

B.M. 177.71 "a" Top S. Cb. Bedell & W.L. Laurel.
B.M. 184.60 R.R. Spk. Top 12" Guard Post E. Side Webb Rd.
100' N. of N.L. Bedell.



$\Delta = 38' 15'' 00'' R = 350' T = 121.34' L = 233.65' L.C. = 229.34'$

CURVE DATA BASED ON $\frac{C}{2}$ RAD. $\Delta = 19' 07' 30''$

STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
5+49.90			0' 00' 00"	0' 00' 00"
5+75	25.10	26.89	2' 03' 16"	2' 03' 16"
6+00	25.00	26.78	2' 02' 47"	4' 06' 03"
6+25	25.00	26.78	2' 02' 46"	6' 08' 49"
6+50	25.00	26.78	2' 02' 47"	8' 11' 36"
6+75	25.00	26.78	2' 02' 46"	10' 14' 22"
7+00	25.00	26.78	2' 02' 47"	12' 17' 09"
7+25	25.00	26.78	2' 02' 47"	14' 19' 56"
7+50	25.00	26.78	2' 02' 46"	16' 22' 42"
7+75	25.00	26.78	2' 02' 47"	18' 25' 29"
7+83.55	8.55	9.17	0' 42' 01"	19' 07' 30"

DEFL./FT. = 4.9110668 MIN.

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.

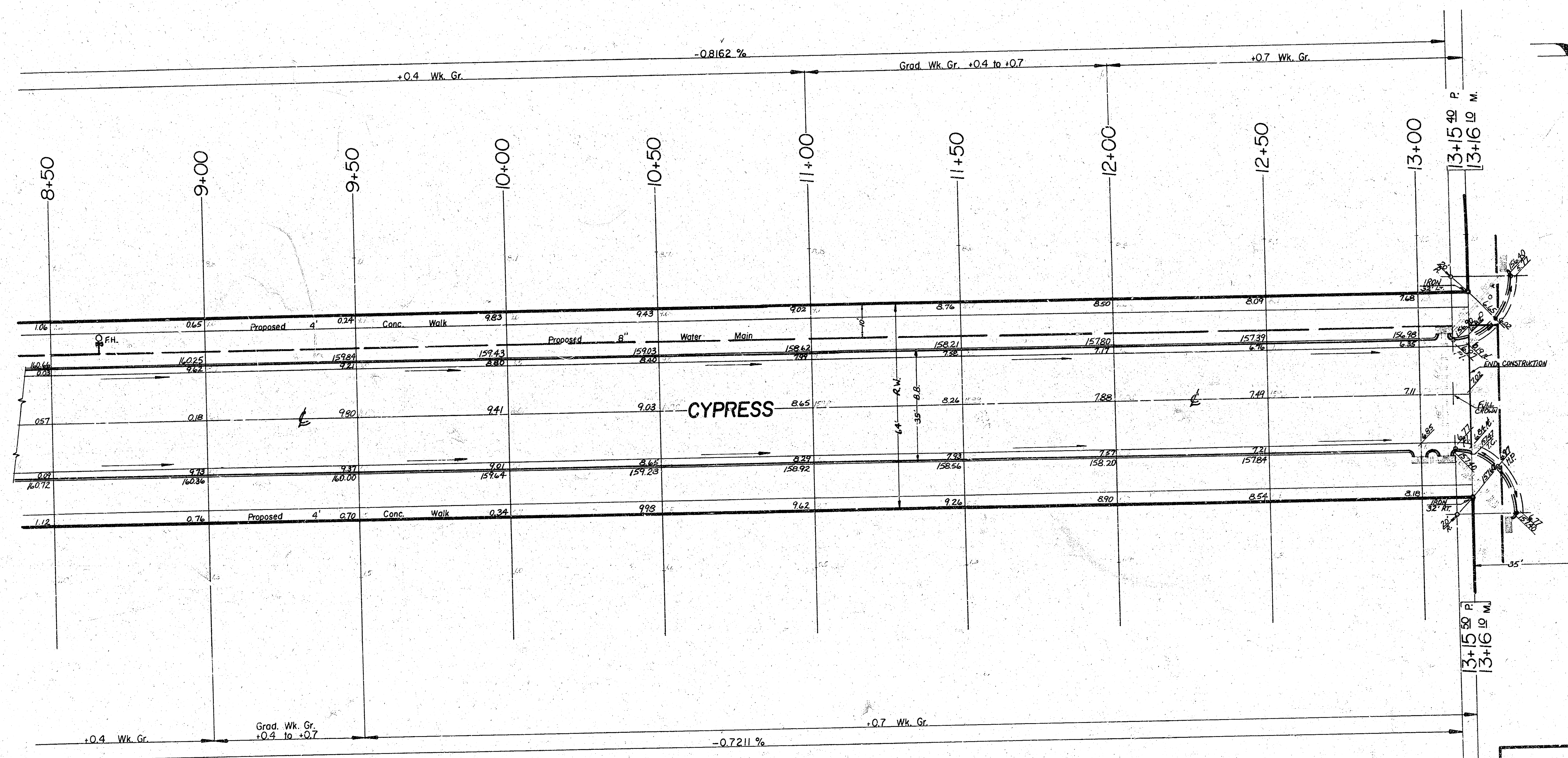
NOTE TO FIELD ENGINEER & CONTRACTOR
Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area. TO BE CONSTRUCTED BY "OTHERS".

CYPRESS
S.L. DOS RIOS TO S.L. LINCOLN
ASPHALTIC CONCRETE PAVEMENT
35' B-B. WITH COMB. CB & GTR.
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER
PROJECT NO. DAKS 574091
DATE:

3/4

BASELINE IS CTR. CYPRESS

B.M. 177.71 4' Top S. Cb. Bedell & W.L. Laurel.
 B.M. 184.60 R.R. Spk. Top 12" Guard Post E. Side Webb
 100' N. of N.L. Bedell.



Survey WOODEN
 Plan WOODEN
 Checked

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 area. TO BE CONSTRUCTED BY "OTHERS".

CYPRESS
 S. L. DOS RIOS TO S. L. LINCOLN
 ASPHALTIC CONCRETE PAVEMENT
 35' B-B. WITH COMB. CB. & GTR.
CITY of WICHITA, KANSAS
 R. W. LINN CITY ENGINEER
 PROJECT NO. DAKS 574091
 DATE:

7/4