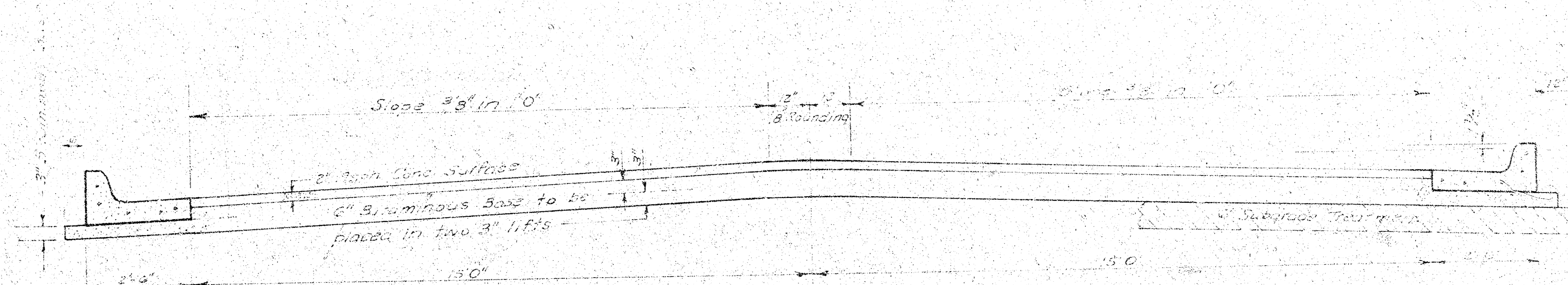


CYPRESS

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



TYPICAL SECTION

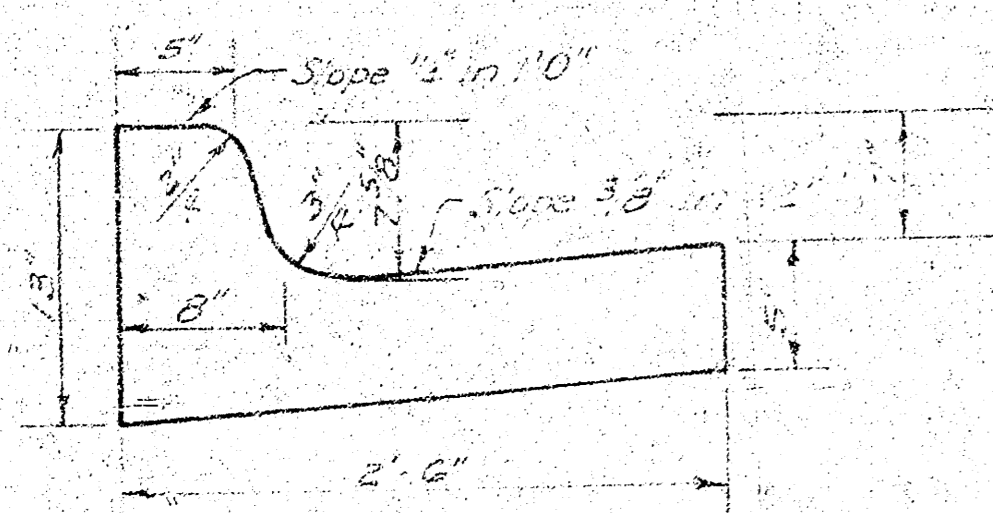
35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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.

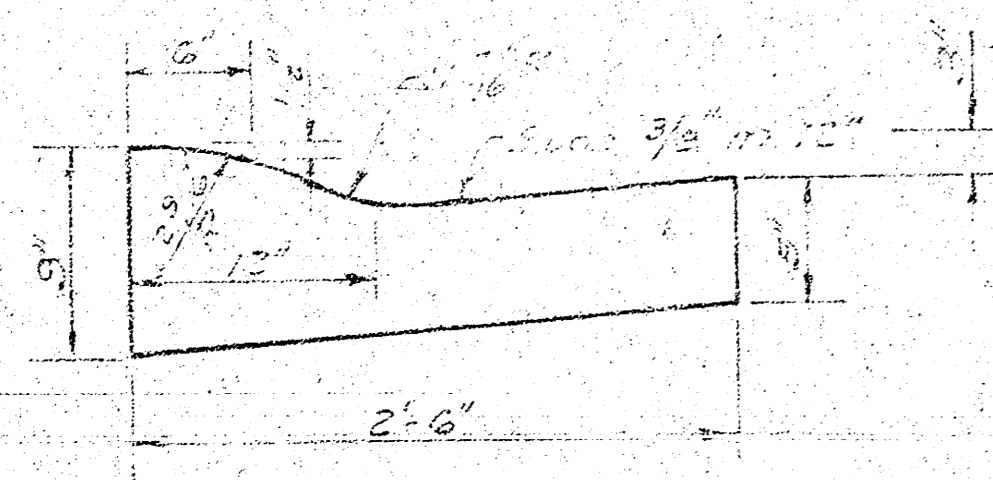
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED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

*The A.C. Pavement between the curb and gutter shall be paid as Type B' to Pavement to Bituminous Base.
The Bituminous Base under the curb and gutter shall be paid as Type B' Bituminous Base.*

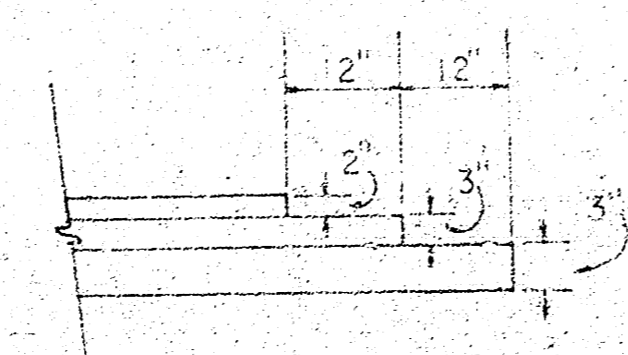
COMBINED CURB & GUTTER



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

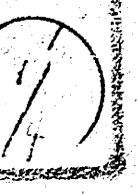
DEPARTMENT of PUBLIC WORKS - Engineering Division

R. W. LINN

CITY ENGINEER

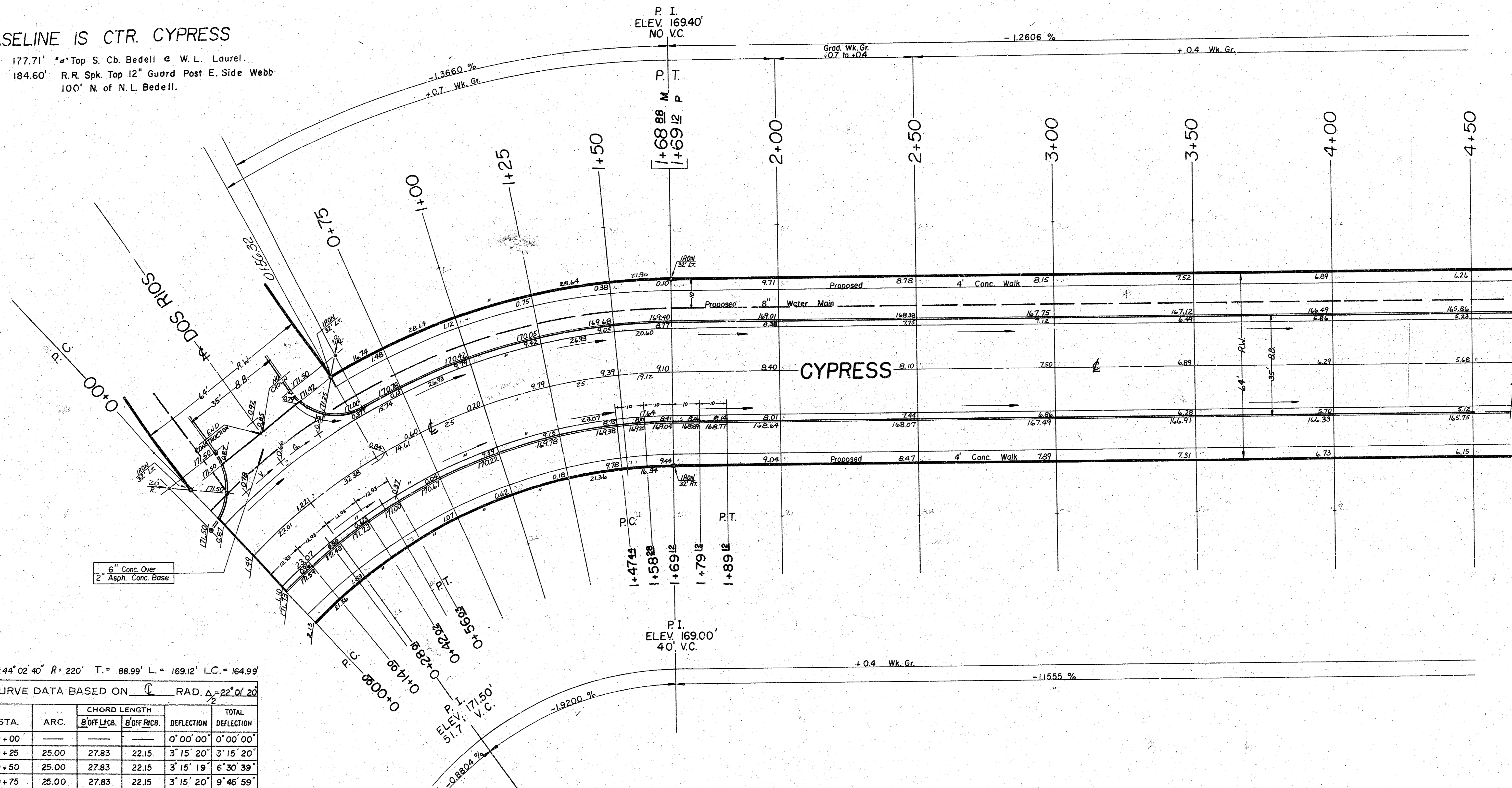
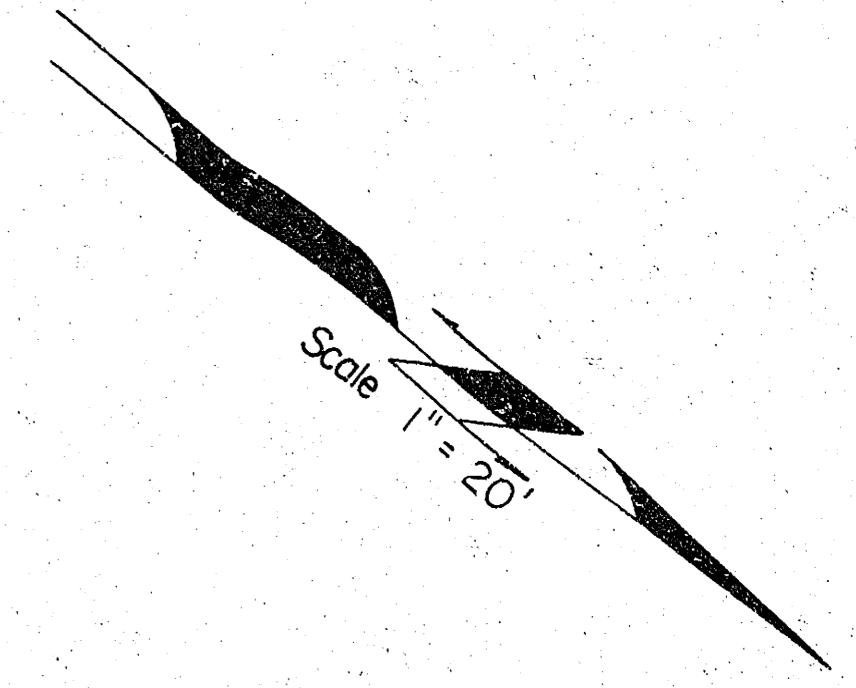
DATE

Proj. No. DAKS 574091



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.



SURVEY - KRUG Bk. D.L. 92
 Plan - WOOTEN
 Exc. - WOOTEN
 Checked

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

CURVE DATA BASED ON $\Delta = 22^{\circ}01'20''$ RAD. $\Delta = 22^{\circ}01'20''$

| STA. | ARC. | CHORD LENGTH | | DEFLECTION | TOTAL DEFLECTION |
|---------|-------|--------------|-------------|------------|------------------|
| | | 8' OFF L.S. | 8' OFF R.S. | | |
| 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+69.12 | 19.12 | 21.23 | 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. | 107.23 C.Y. | |
| + 10 % | 2334.84 C.Y. | 88.73 C.Y. | 107.23 C.Y. | |
| Totals | 2568.32 C.Y. | 97.60 C.Y. | 117.95 C.Y. | |

5475' SG M.

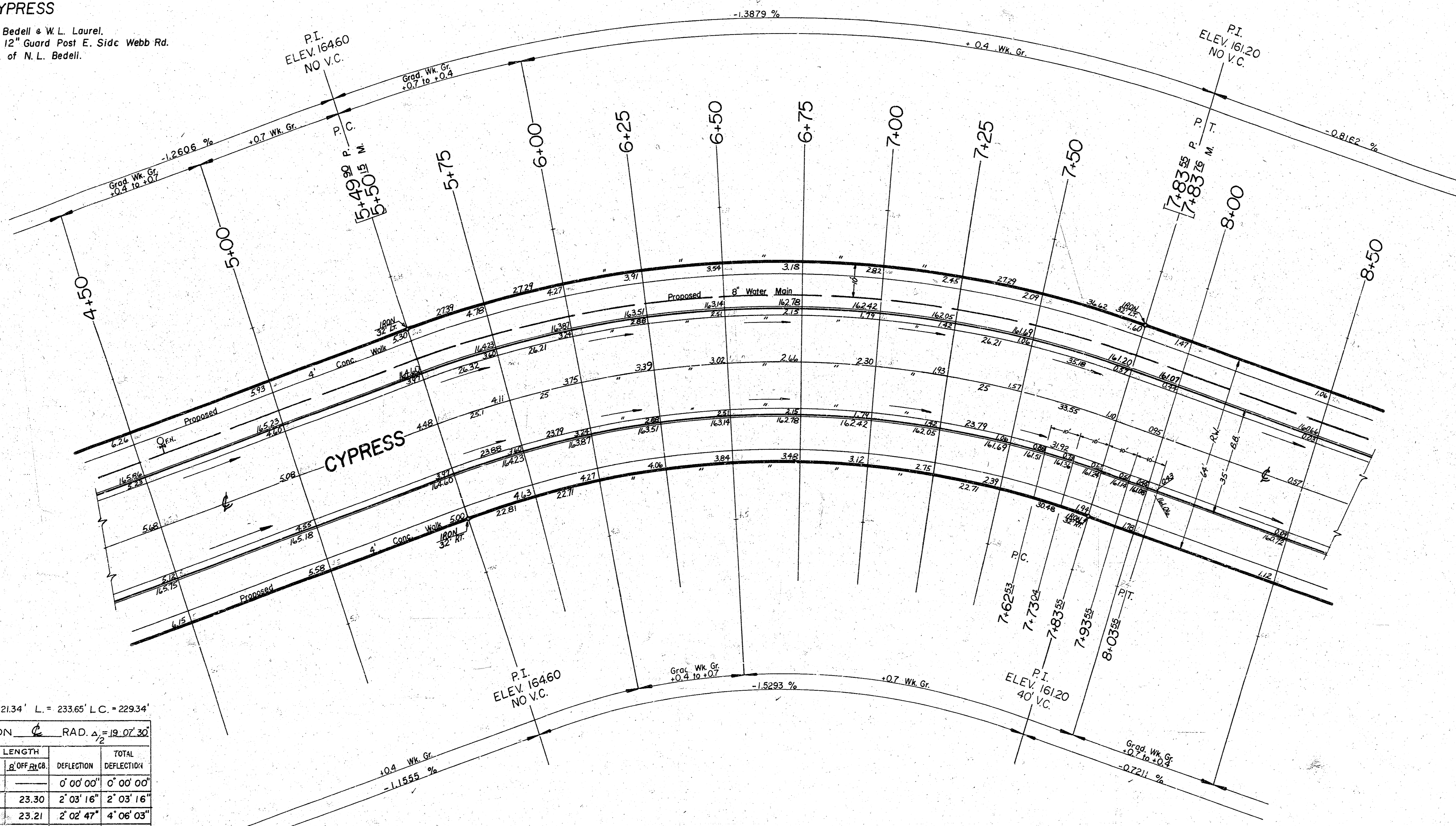
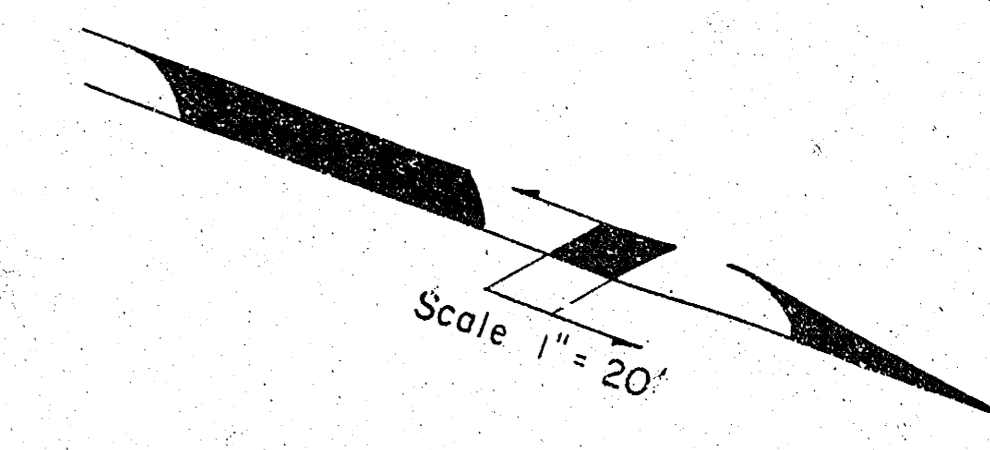
SUB-GRADE
 TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE FRACTIONATION, OR ANY COMBINATION OF THESE.

NOTE TO FIELD ENGINEER & CONTRACTOR:
 Grade parties and other information to be furnished by the contractor. The contractor shall be responsible for the accuracy of the field data.

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: 2/1

BASELINE IS CTR. CYPRESS

B.M. 177.71 1" 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.



Survey KRUG BK DLT 92
 Plan WOOTEN
 Exc WOOTEN
 Checked

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

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

| STA. | ARC. | CHORD LENGTH | CHORD LENGTH | DEFLECTION | TOTAL DEFLECTION |
|---------|-------|---------------|---------------|------------|------------------|
| | | g' OFF LL CB. | g' OFF RL CB. | | |
| 5+49.90 | | | | 0' 00' 00" | 0' 00' 00" |
| 5+75 | 25.10 | 26.89 | 23.30 | 2' 03' 16" | 2' 03' 16" |
| 6+00 | 25.00 | 26.78 | 23.21 | 2' 02' 47" | 4' 06' 03" |
| 6+25 | 25.00 | 26.78 | 23.21 | 2' 02' 46" | 6' 08' 49" |
| 6+50 | 25.00 | 26.78 | 23.21 | 2' 02' 47" | 8' 11' 36" |
| 6+75 | 25.00 | 26.78 | 23.21 | 2' 02' 46" | 10' 14' 22" |
| 7+00 | 25.00 | 26.78 | 23.21 | 2' 02' 47" | 12' 17' 09" |
| 7+25 | 25.00 | 26.78 | 23.21 | 2' 02' 47" | 14' 19' 56" |
| 7+50 | 25.00 | 26.78 | 23.21 | 2' 02' 46" | 16' 22' 42" |
| 7+75 | 25.00 | 26.78 | 23.21 | 2' 02' 47" | 18' 25' 29" |
| 7+83.55 | 8.55 | 9.17 | 7.94 | 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:

3/1

