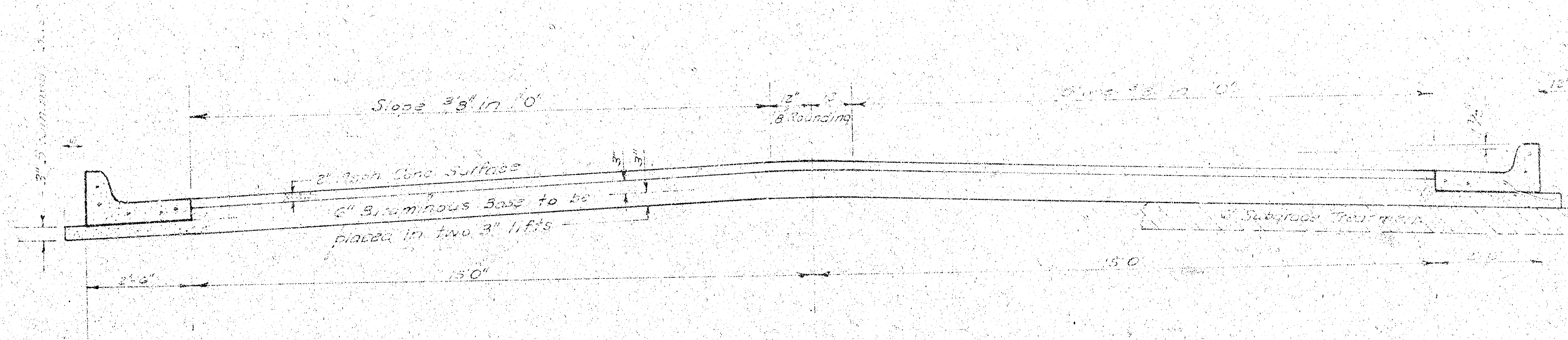


# CYPRESS

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



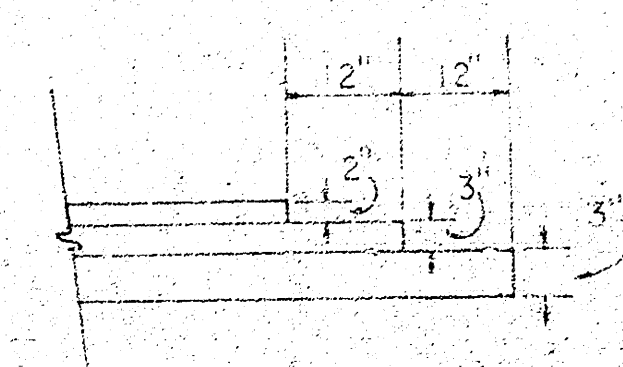
## TYPICAL SECTION

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.

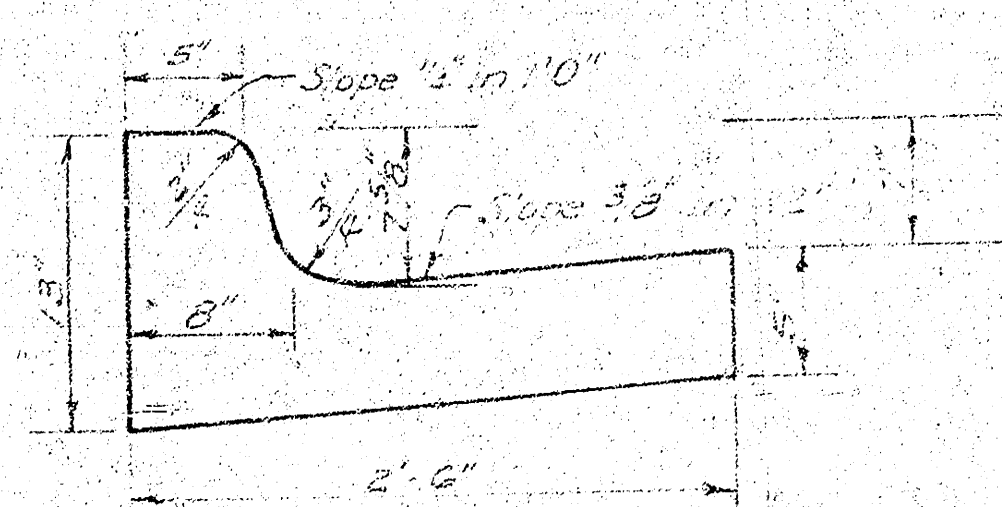
## DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



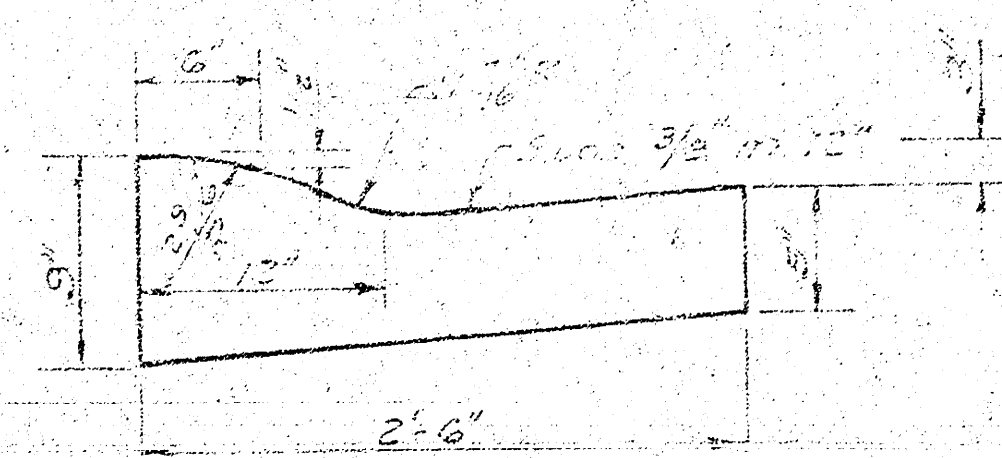
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

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

### COMBINED CURB & GUTTER



### ROLL TYPE CURB & GUTTER



CITY OF WICHITA KANSAS

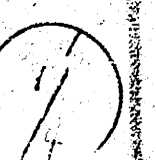
DEPARTMENT of PUBLIC WORKS - Engineering  
Division

R. W. LINN

CITY ENGINEER

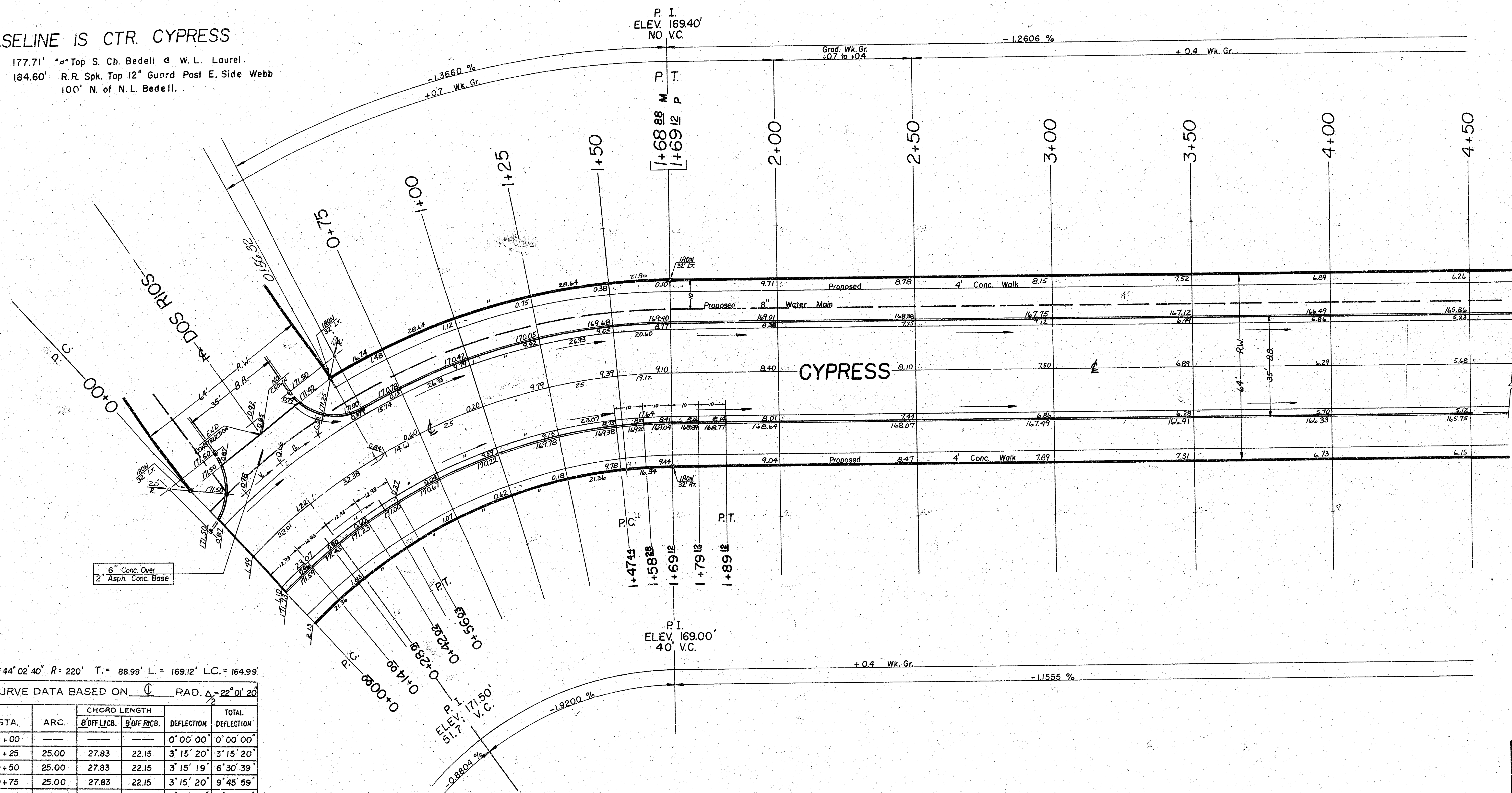
DATE

Proj. No. DAKS 574091



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: LIME 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 data and the construction of the project.

#### 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

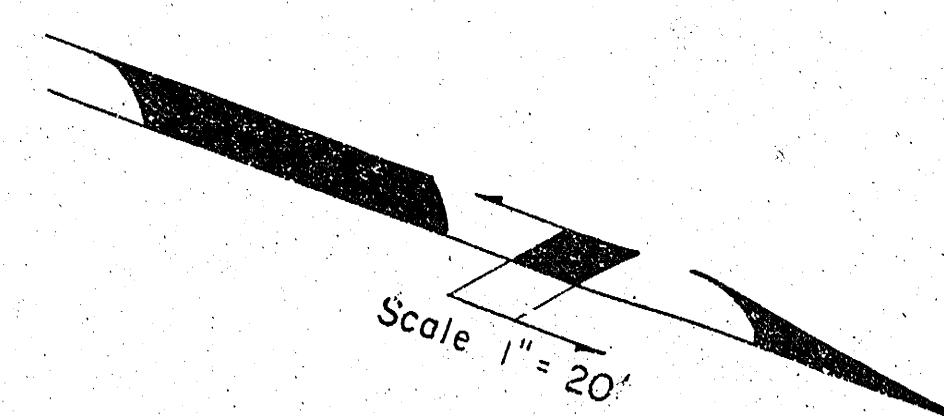
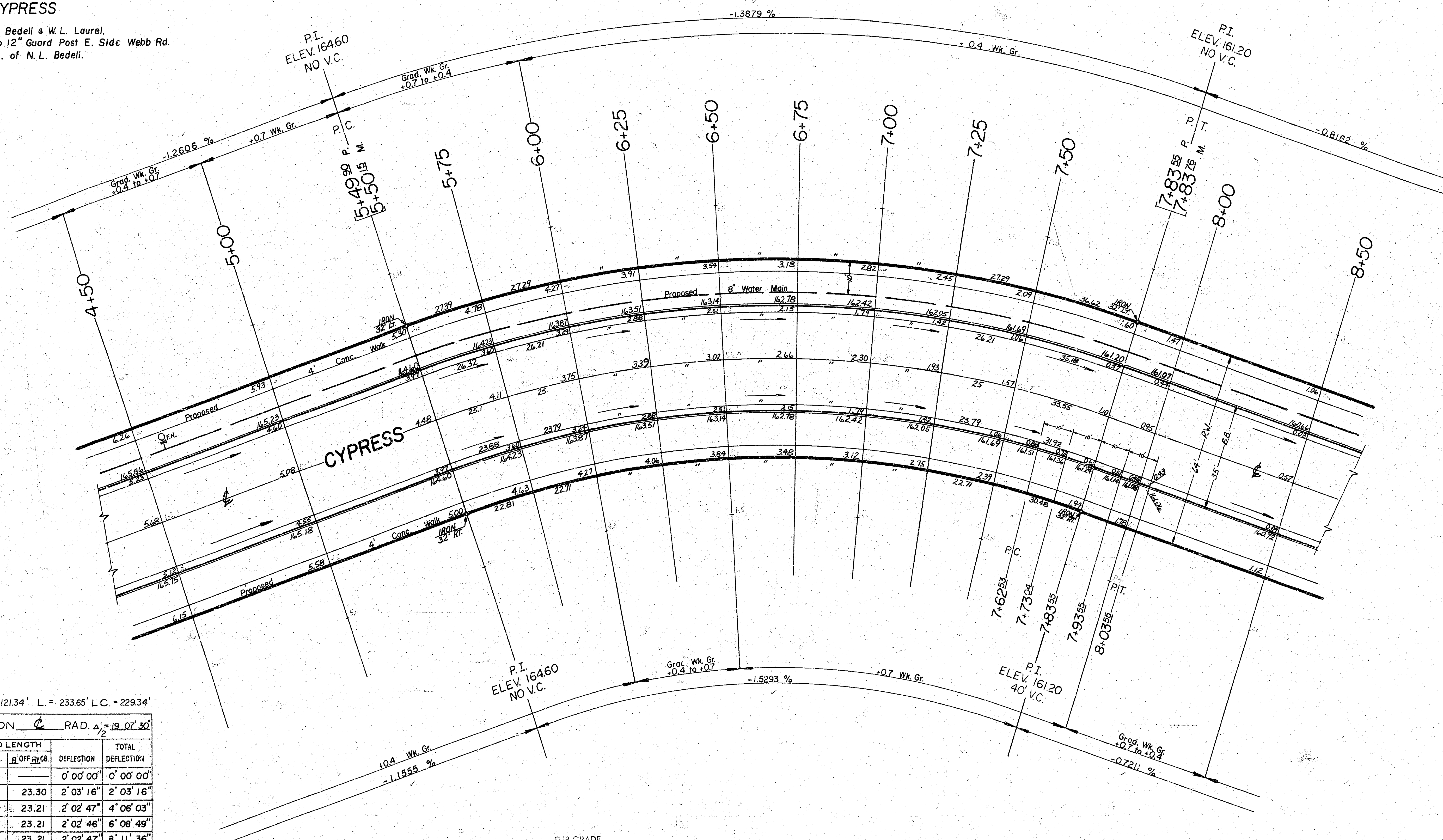
PROJECT NO. DAKS 574091

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.



Survey KRUG Bk DLY 92  
Plan WOOTEN  
Exc WOOTEN  
Checked

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

CURVE DATA BASED ON  $\Delta = 19^\circ 07' 30''$

| 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.

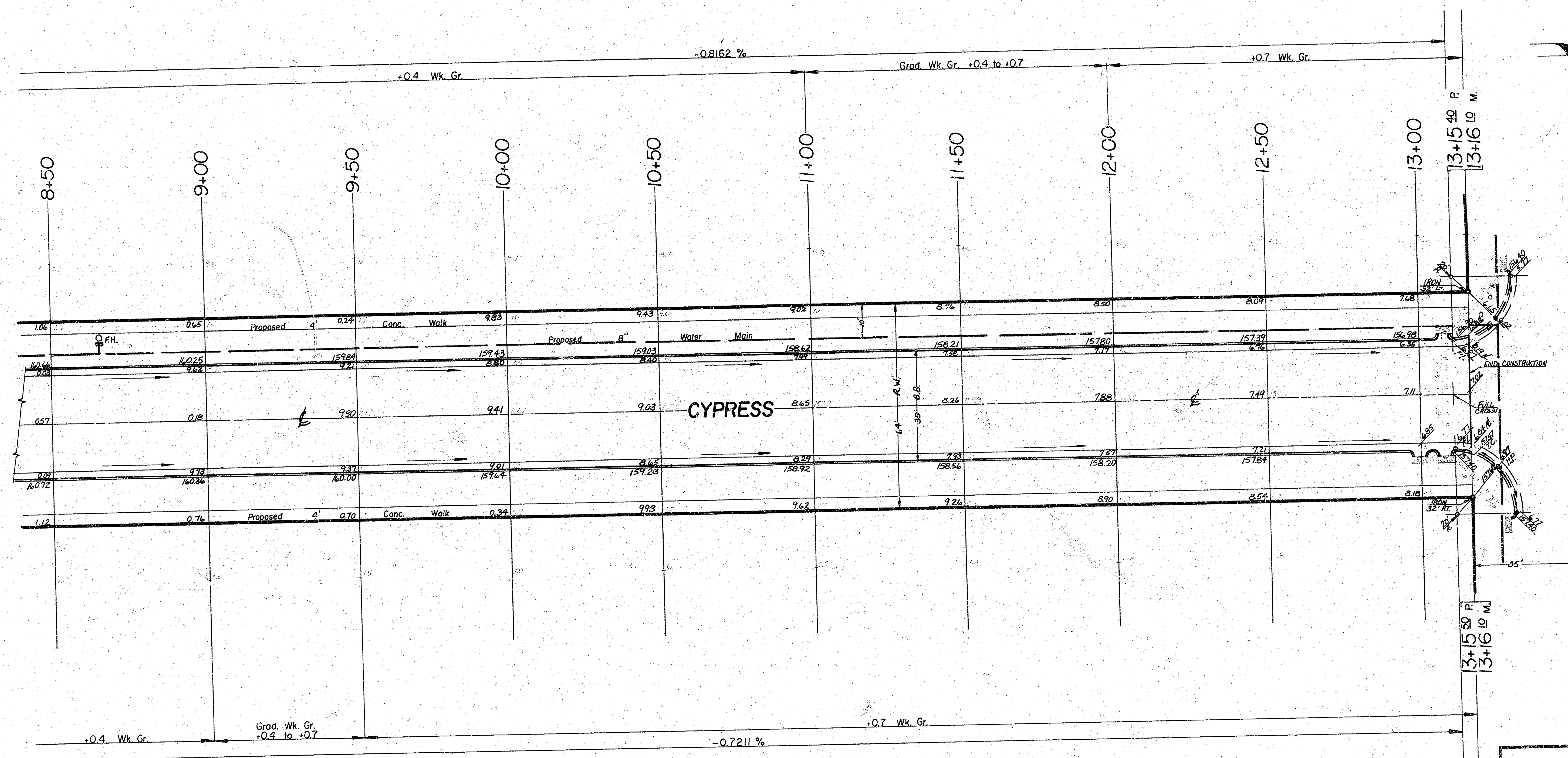
NOTE TO FIELD ENGINEER & CONTRACTOR  
Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area. TO BE CONSTRUCTED BY "OTHERS".

**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