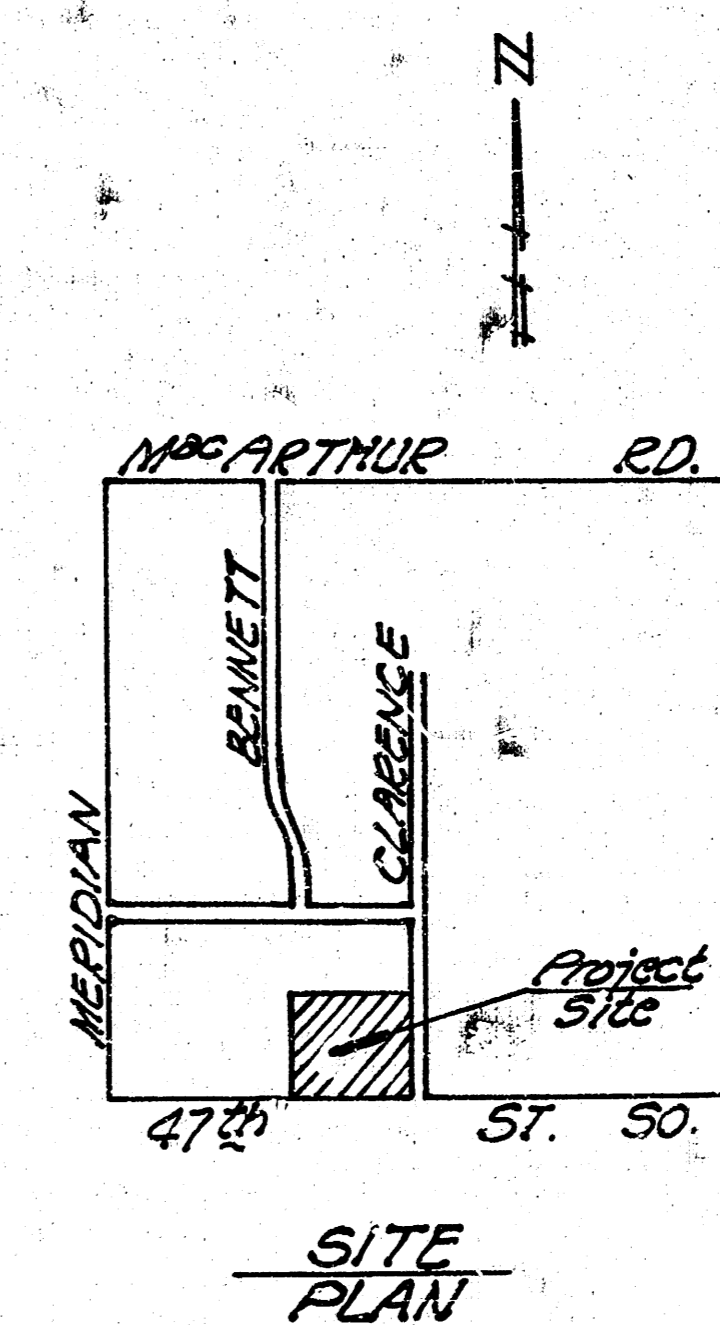
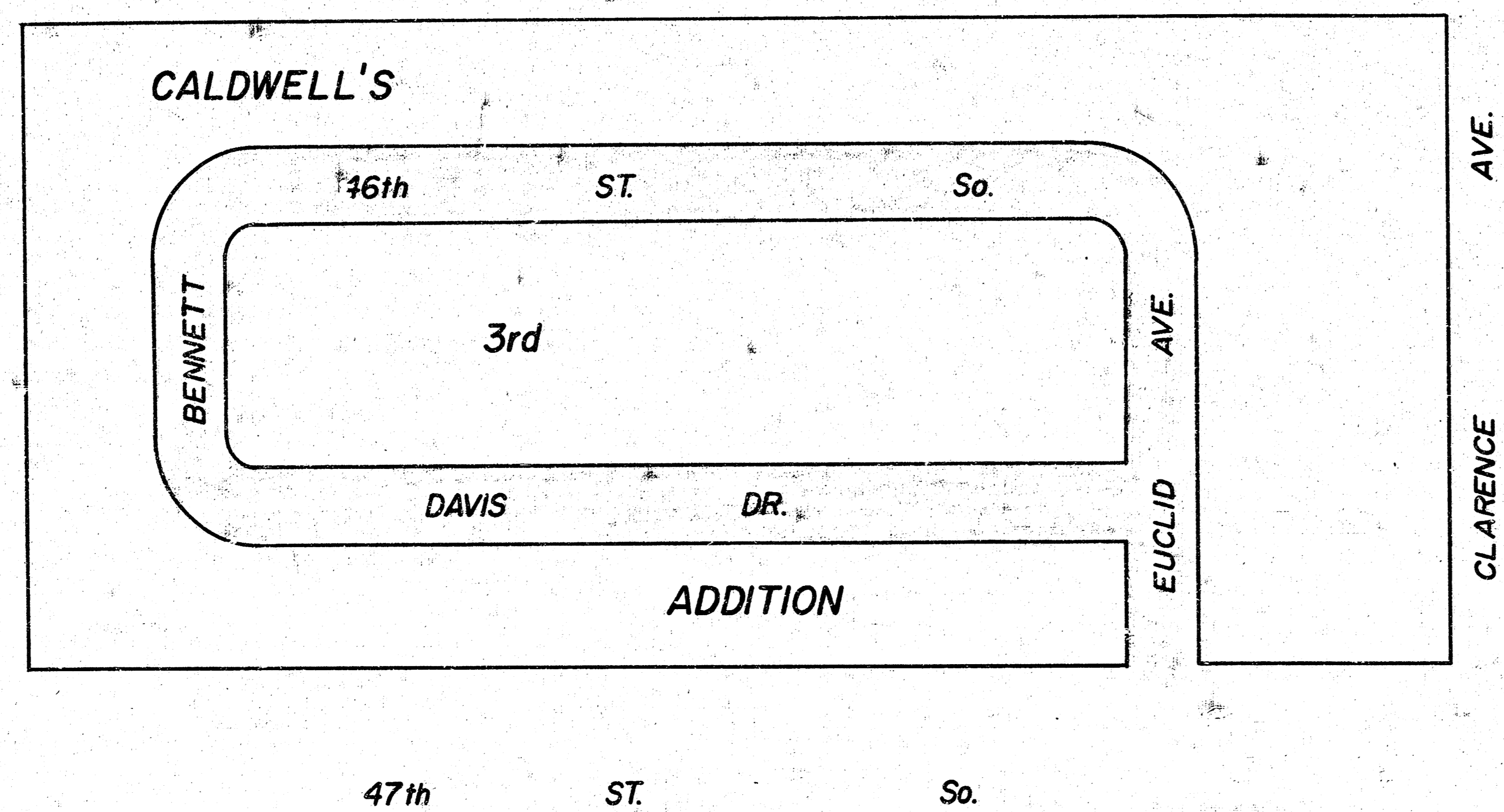


STREETS in CALDWELL'S 3rd ADDITION

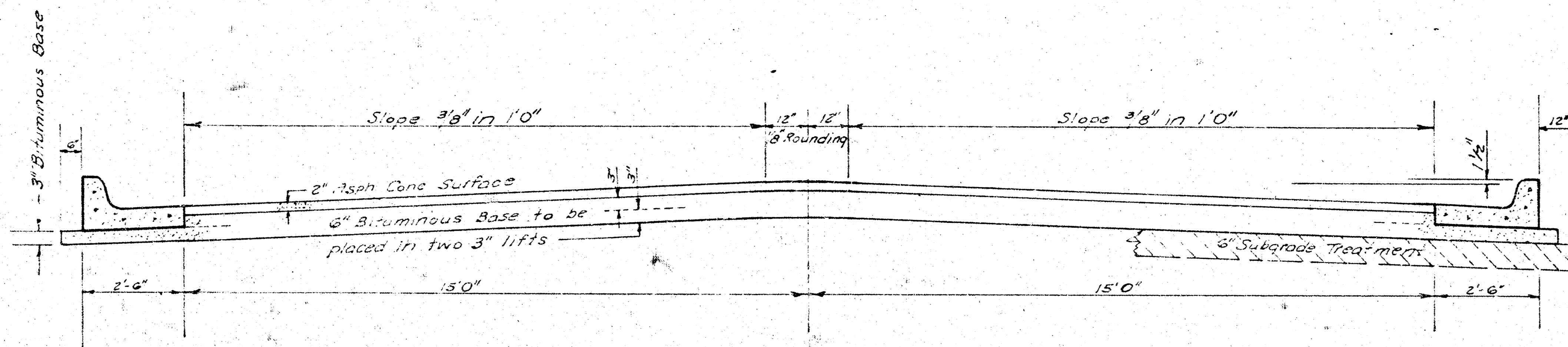
EUCLID AVE.: N.L. 47th ST. So. - N.L. Lot 32
Blk. I CALDWELL'S 3rd ADDITION

DAVIS DR, BENNETT & 46th ST. So.: W.L. EUCLID -
N.L. Lot 32 Blk. I CALDWELL'S 3rd ADDITION

CITY of WICHITA, KANSAS
R.W. LINN - CITY ENGINEER
Date: _____
Project No. 472 76 245 80674 000 000 001



STREETS in CALDWELL'S 3rd ADDITION
 BENNETT AVE.
 EUCLID AVE.
 DAVIS DR.
 46th ST. SO.



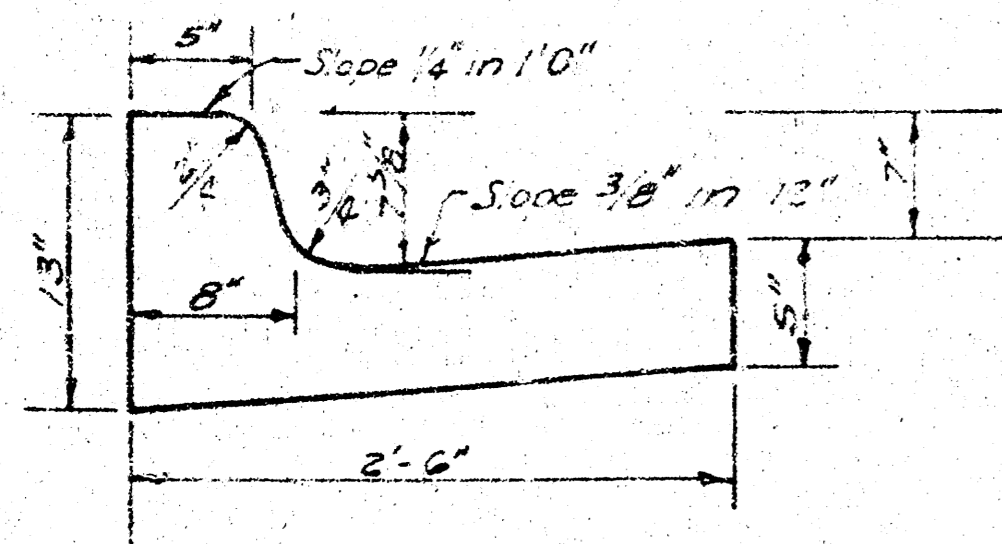
TYPICAL SECTION

35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

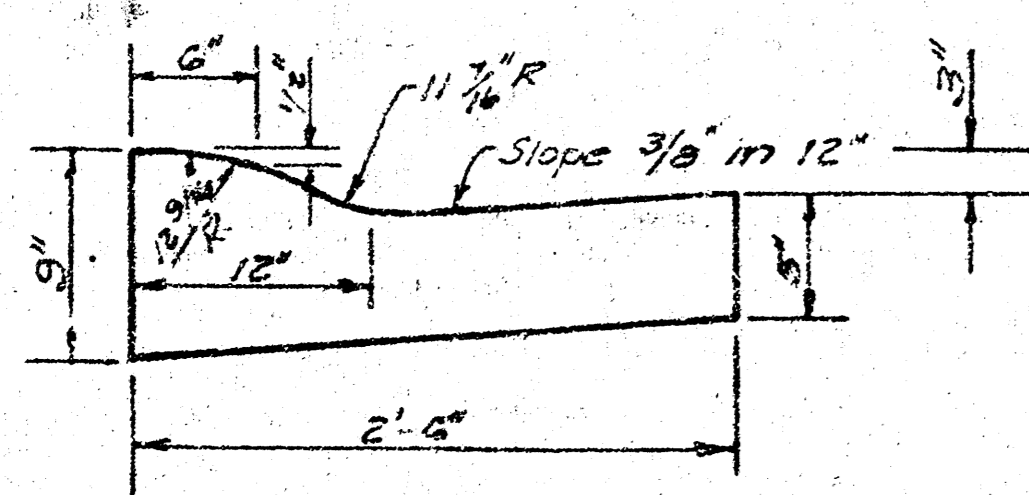
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.
 BITUMINOUS BASE 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 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.*

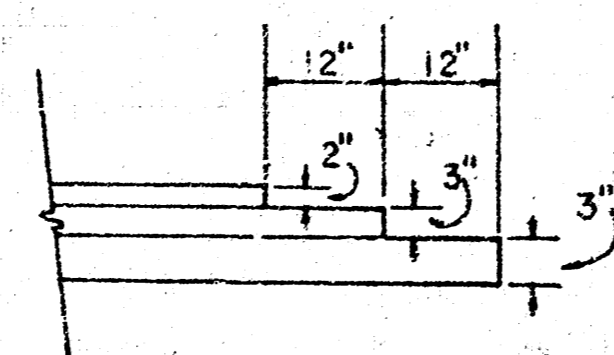
COMBINED CURB & GUTTER



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.

472 76 245 80674 000 000 001

2/5

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BM 85.099 City S.W. Q. Clearance $\angle 47^{\circ} 51' S$, $54^{\circ} 11' E$ of $\frac{1}{4}$ Sec. Cor.

stationing = E. Street, R.W.

EARTHWORK TOTALS

EXCAV.		COMPACTED FILL	
PROP.	CITY	PROP.	CITY
3251.3 C.Y.	166.1 C.Y.	491.0 C.Y.	0
+10% 3251.1	+10% 166.6	+10% 540.1	
3576.4 C.Y.	182.7 C.Y.	540.1 C.Y.	

Total Manipulation = 9322.3 S.Y.

BENNETT
 $\Delta = 45^{\circ} 05' 39''$ R=59.7' T=24.79' L=46.99' Lc=45.78'
 CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\frac{1}{2} = 22^{\circ} 32' 49.5''$

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
0+100			0° 00' 00"	0° 00' 00"
0+125	25.0	16.42	11° 59' 44.5"	11° 59' 44.5"
0+146.99	21.99	12.71	31.02	22° 32' 49.5"

DEFL. / FT. = 28.7896360 MIN.

BENNETT
 $\Delta = 44^{\circ} 54' 21''$ R=60.3' T=24.89' L=47.22' Lc=46.01'
 CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\frac{1}{2} = 22^{\circ} 27' 10.5''$

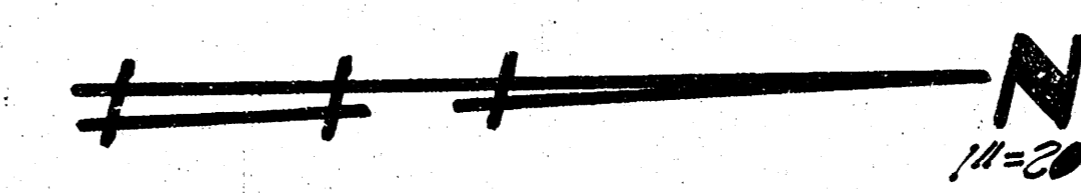
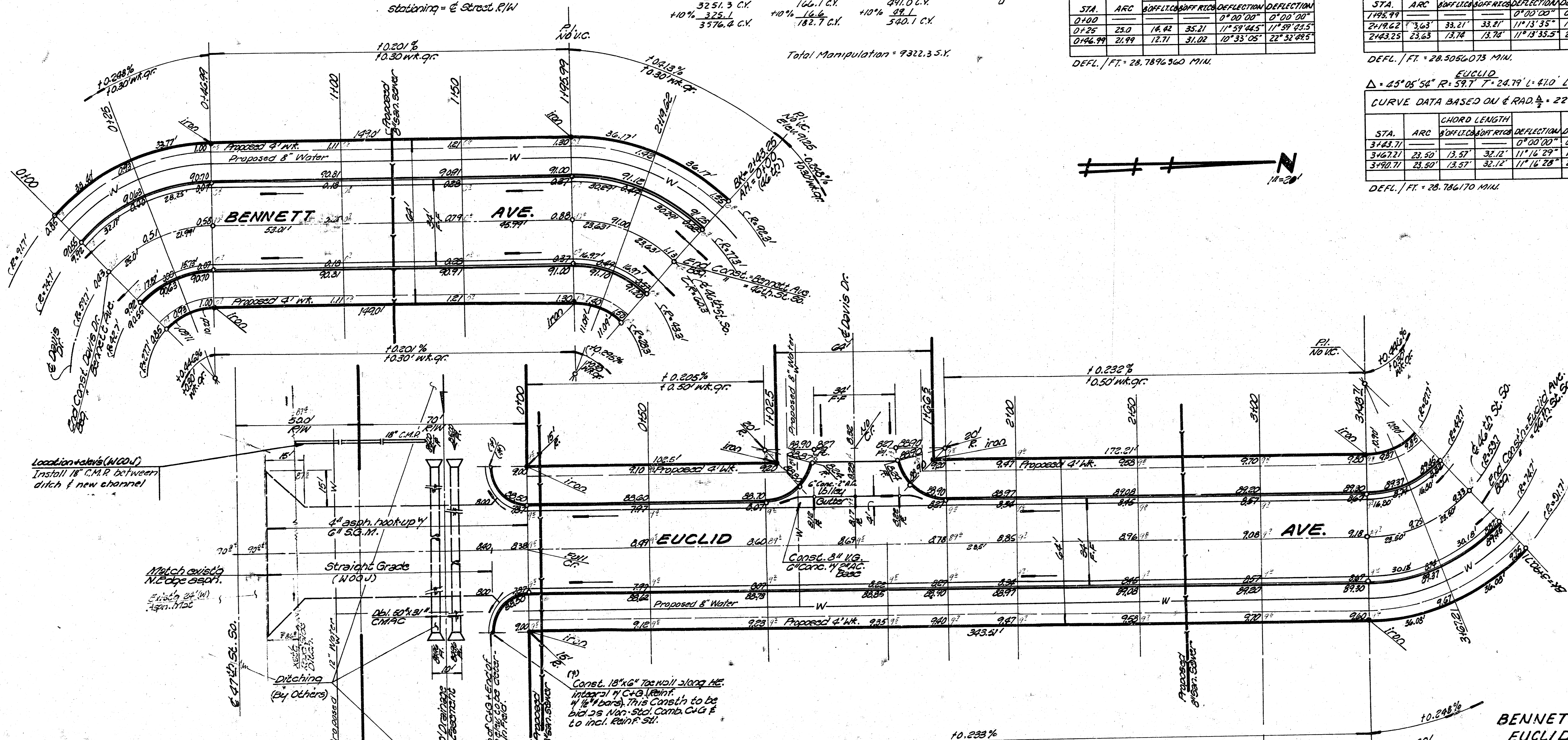
STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
1+195.99			0° 00' 00"	0° 00' 00"
2+196.22	3.23	33.21	33.21	11° 13' 33"
2+143.25	23.63	13.74	13.74	22° 27' 10.5"

DEFL. / FT. = 28.5056073 MIN.

EUCLID
 $\Delta = 45^{\circ} 05' 54''$ R=59.7' T=24.79' L=47.0' Lc=45.79'
 CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\frac{1}{2} = 22^{\circ} 32' 57''$

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
3+143.71			0° 00' 00"	0° 00' 00"
3+167.21	23.50	13.57	32.12	11° 16' 29"
3+190.71	23.50	13.57	32.12	22° 32' 57"

DEFL. / FT. = 28.786170 MIN.



Survey D.C.O.
 Plan 5932
 Exc.
 Checked

NOTE TO FIELD ENGINEER & CONTRACTOR
 Grade posting and clear right-of-way for proposed sidewalks. Compact fill in sidewalk areas to be constructed by "OTHERS".

SUBGRADE
 TYPE OF SUBGRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUBGRADE TREATMENT MAY CONSIST OF LIVE TREATMENT, CEMENT TREATMENT, SUBGRADE MODIFICATION OR ANY COMBINATION OF THESE.

Note - Paving + Utility Contractors to coordinate construction

3/12

BENNETT AVE. & EUCLID AVE.
STREETS IN CALDWELL'S 3RD ADD.
 472 76 245 80674 000 000 001 3/15

B.M. 85.099 City Sta @ Clarence f 47° S, 54° N, f 38° E of 1/4 Sec. Cor

$\Delta = 45^{\circ}05'39''$ R = 59.7' T = 28.79' L = 46.99' Lc = 95.78'

CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\frac{1}{2} = 22^{\circ}32'49.5''$

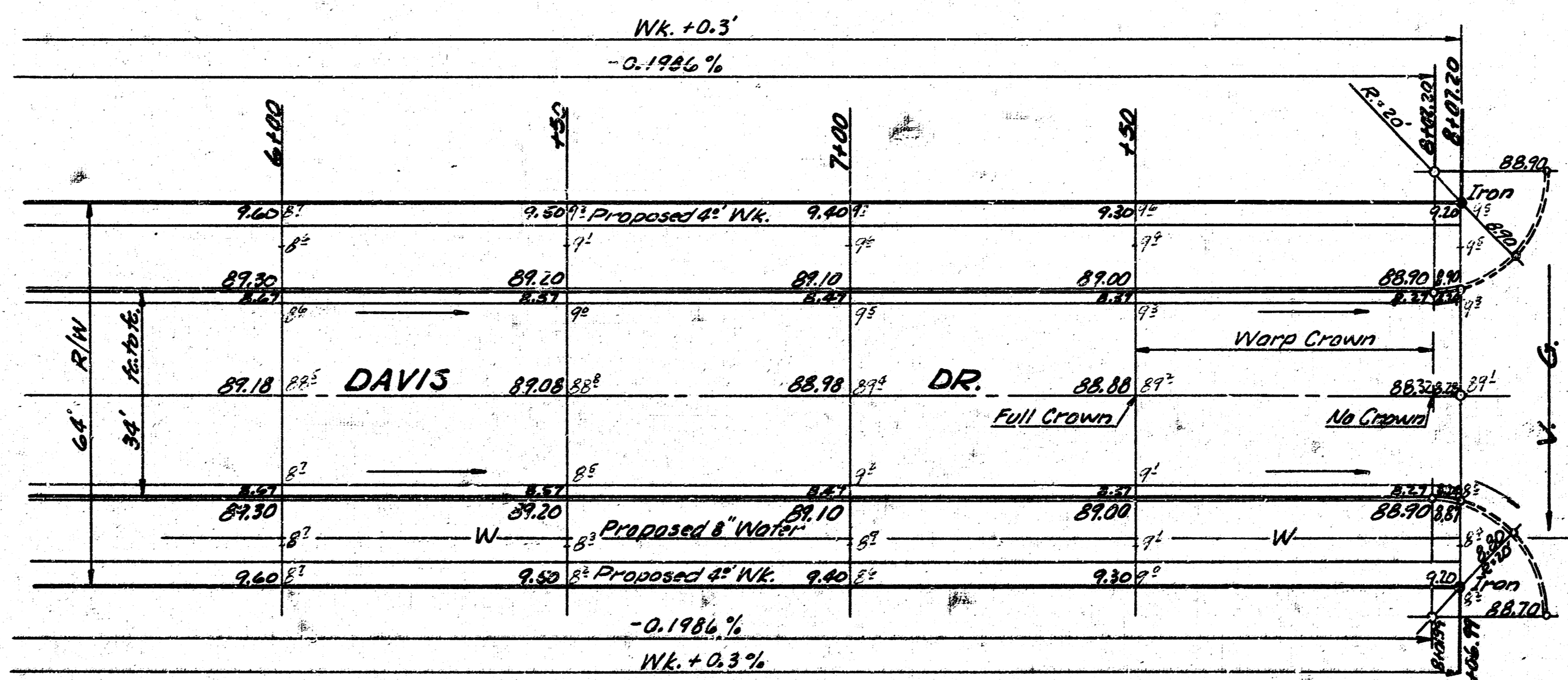
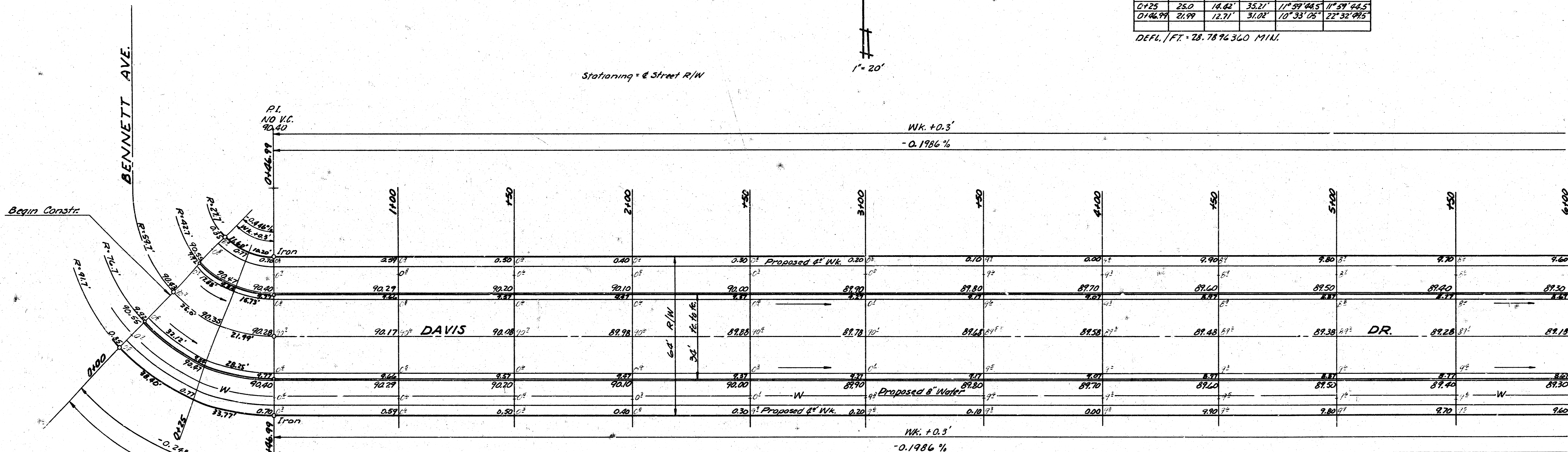
STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
0+00			0° 00' 00"	0° 00' 00"
C+25	25.0	18.42	35.21'	11° 59' 44.5"
O+46.99	21.99	12.71	31.02'	10° 33' 02"
				22° 32' 49.5"

DEFL./FT. = 28.7896360 MIN.

Stationing = & Street R/W



Survey C.L.O.
Plan 2/23
Exo
Checked



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

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.

EUCLID AVE.

DAVIS DR
STREETS IN CALDWELL'S 3RD ADD^N
472.76 245 80674 000 000 001 4/5

4/12

BM 85.079 City Std. G Clearance of 47th ST. S., 54th N. of 34th E. of 1/4 Sec. Cor.

$\Delta = 44^{\circ}54'21''$ R=60.3 T=24.89 L=47.26 Lc=46.01

CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\frac{1}{2} = 22^{\circ}27'10.5''$

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
0+00			0°00'00"	0°00'00"
0+25	25.0	35.11'	14.53'	11°52'38.5"
0+50	50.0	70.22'	29.06'	23°45'17"

DEFL./FT. = 28.5056073 MIN.

$\Delta = 45^{\circ}05'54''$ R=59.7 T=24.79 L=46.99 Lc=45.79

CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\frac{1}{2} = 22^{\circ}32'57''$

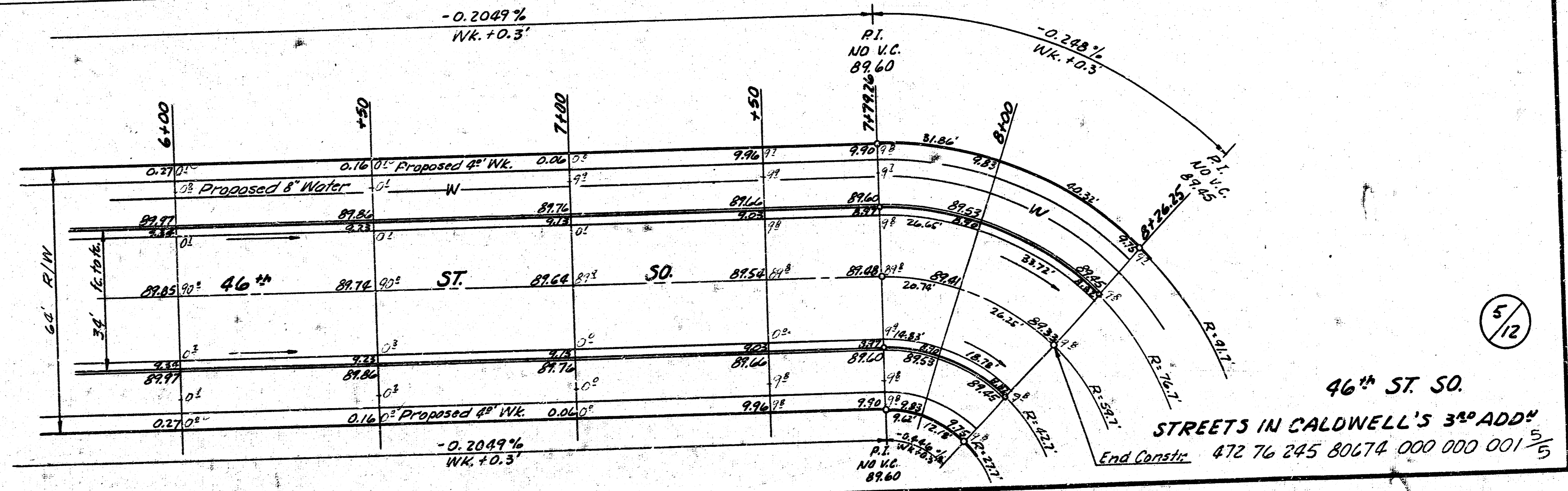
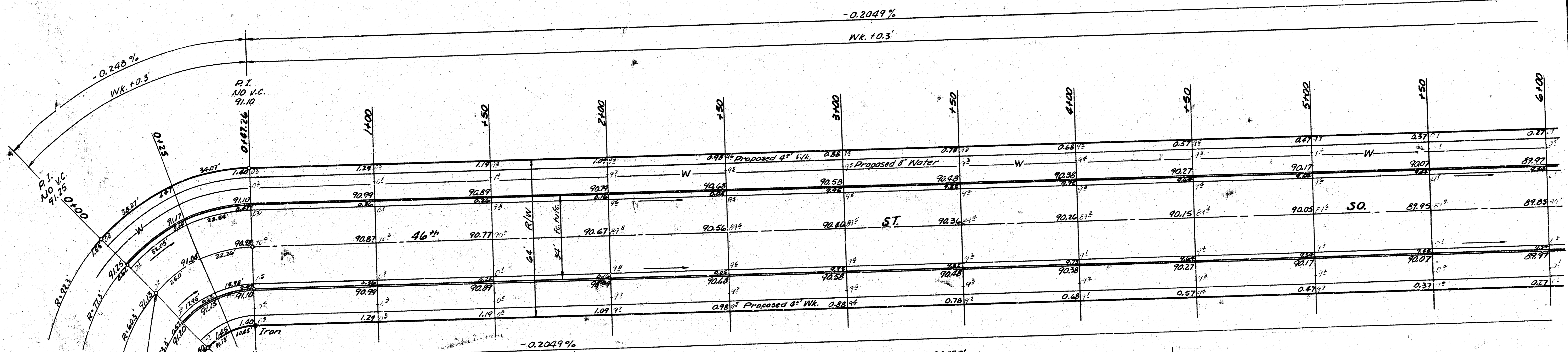
STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
7+78.26			0°00'00"	0°00'00"
8+00	21.74	31.28'	11.99'	9°57'09"
8+21.74	43.48	62.56'	23.98'	19°54'18"

DEFL./FT. = 28.792296 MIN.



Stationing = E Street R/W

Survey D. B. 11-27-16
Plan 5.62
Exc
Checked



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.

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.

46th ST. SO.
STREETS IN CALDWELL'S 3rd ADDⁿ
End Constr. 472 76 245 80674 000 000 001 5

5/12