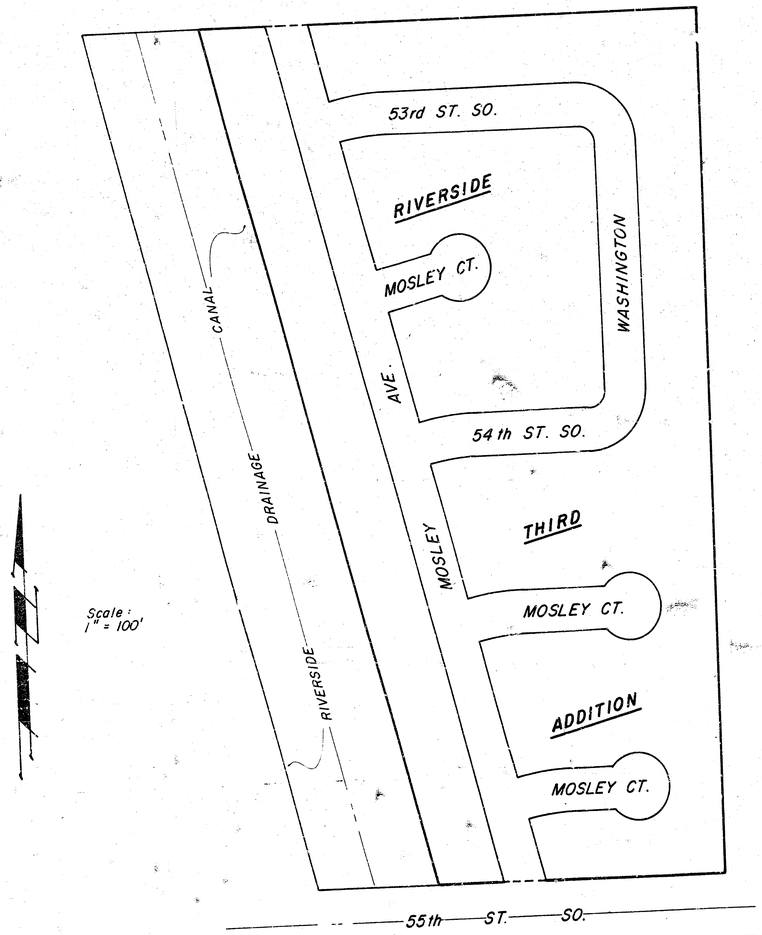
STREETS IN RIVERSIDE THIRD ADDITION

PROJECT NO.
472-76-245-80838-000-000-001



Scale: 1" = 100'

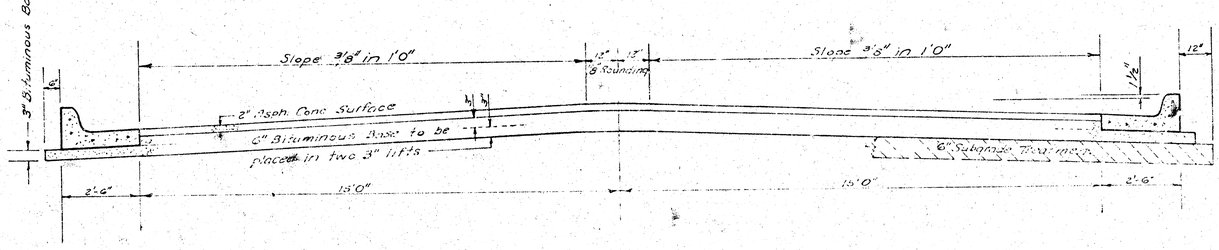
MOSLEY AVE. - N.L. 55TH ST. SO. TO N.L. RIVERSIDE THIRD ADDN.
MOSLEY CT. - (LOT 22-31 & LOT 32-40, BLOCK B & LOT 10-14, BLOCK C)
- E.L. MOSLEY TO & INCL. CUL-DE-SAC.
54th ST. SO., WASHINGTON, & 53rd ST. SO. - E.L. MOSLEY TO E.L. MOSLEY.

Note:
Pavement Contractor to co-ordinate construction with the Storm Sewer Contractor.
Field Engineer to take ties & any 'irons' moved or destroyed during construction shall be replaced.
Contractor to contact Utility Companies for location of underground utilities.
No more than 44 - (20') Drives or equivalent to be constructed on this project.

* Revised 1-15-80

STEPHEN P. [illegible] KANSAS

CITY OF WICHITA, KS.
D. S. SELLERS — ACTING CITY ENGINEER



TYPICAL SECTION

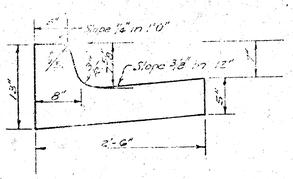
35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

The A.C. Pavement between the comb curb & gutter shall be paid as Sq.Yds. 8" A.C. Pavement (5" Bituminous Base). The Bituminous Base under the comb curb & gutter shall be paid as Sq.Yds. 3" Bituminous Base.

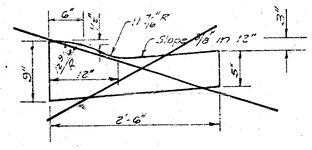
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC 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.

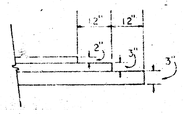
CONTINUED CURB & GUTTER



~~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.

D. S. SELLERS — ACTING CITY ENGINEER

PROJECT NO.

472-76-245-80838-000-000-001

2/11

(2/21)

B.M. 81.23 Std. Disc. SS. Conc. Wk. N.S. Bridge on 55th St. So. 550'± W. of Washington.

Scale: 1" = 20'

P. I. Elev 81.00 30' V.C.

-0.333 %
+0.4 Wk.

+0.360 %

0+04.20 | 0+50 | 0+81.04 | 1+18.08 | 1+55.05 | 2+00 | 2+50 | 3+00 | 3+51.06 | 3+88.10 | 4+25.07 | 4+50

ST. SO. | 55TH | MOSLEY AVE. | MOSLEY CT. | MOSLEY CT.

0+07.91 | 0-07.91 | 0-04.20 | 0+86.08 | 1+50.08 | 3+56.10 | 4+20.10

Construct 63 L.F. 28"x20" C.M.P.A.

6" Asph. Hookup

No crown | Ward crown 25'

Begin Construction Sta. 0+00.

8" V.Ct.-6" conc. w. 2" AC. Base. - Int. CD.

Combined C.D.-Gtr.

8" A.C. Pavement - 2" A.C. w. 6" Cl. Base.

1/2 crown

2d Drainage Easement

-0.376 %
+0.4 Wk.

-0.357 %
+0.4 Wk.

+0.360 %

Survey Kruh Bk. 04878
Plan Weakley
Exc. Shepherd
Checked

No more than 44 - (20') Drives or equivalent to be constructed on this project.

Earthwork Quantities

Property		City	
Exc. = 0		Exc. = 0	
Comp. Fill = 9891 cy	Borrow = 26,228 cy	Comp. Fill = 1460 cy	Borrow = 24228 cy.
+ 10 % = 989 cy	+ 10 % = 2422 cy	+ 10 % = 146 cy	+ 10 % = 2422 cy.
Total = 10880 cy	Total = 28,651 cy.	Total = 1606 cy	Total = 26651 cy.
Manipulation = 12771 cy.		Manipulation = 1193 cy.	

SUBGRADE

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.

MOSLEY AVE.

3/11

3/21

Scale : 1" = 20'

+0.360 % +0.4 Wk.

P. I. Elev 81.45 30' VC

-0.341 % +0.4 Wk.

P. I. Elev 81.00 30' VC

+0.355 % +0.4 Wk.

P. I. Elev. 81.75 30' VC

-0.330 % +0.4 Wk.

4+50 5+00 5+50 6+00 6+22.83 6+59.87 6+81.84 6+96.84 7+50 8+00 8+56.04 8+93.04 9+30.04 9+50

20' Drainage Easement.

MOSLEY AVE.

54TH ST.

MOSLEY CT.

6+27.87 6+91.87 8+61.04 9+25.04

1/2 Crown

Full crown

Iron

+0.360 % +0.4 Wk.

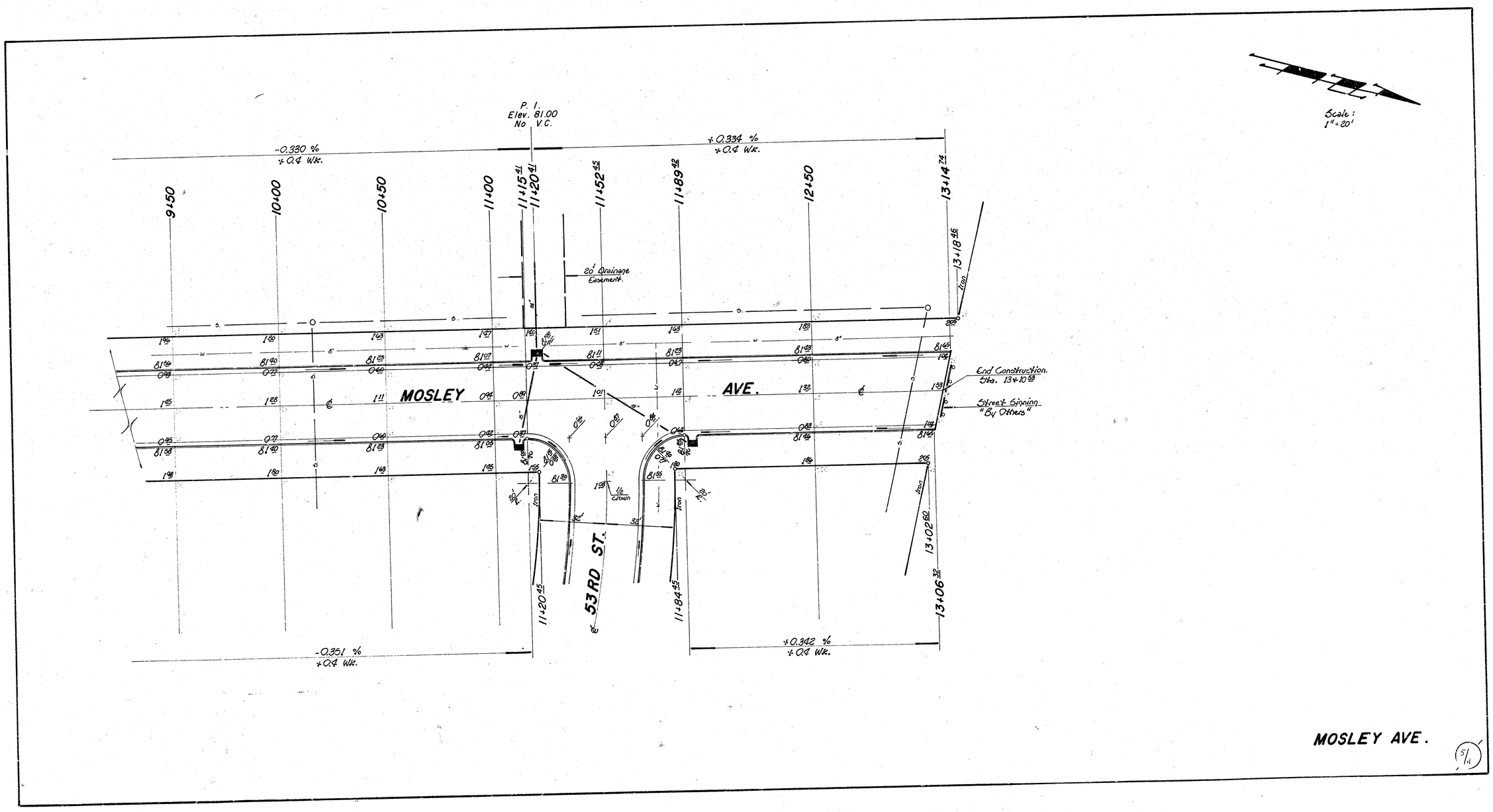
-0.981 % +0.4 Wk.

P. I. Elev. 81.45 30' V.C.

+0.345 % +0.4 Wk.

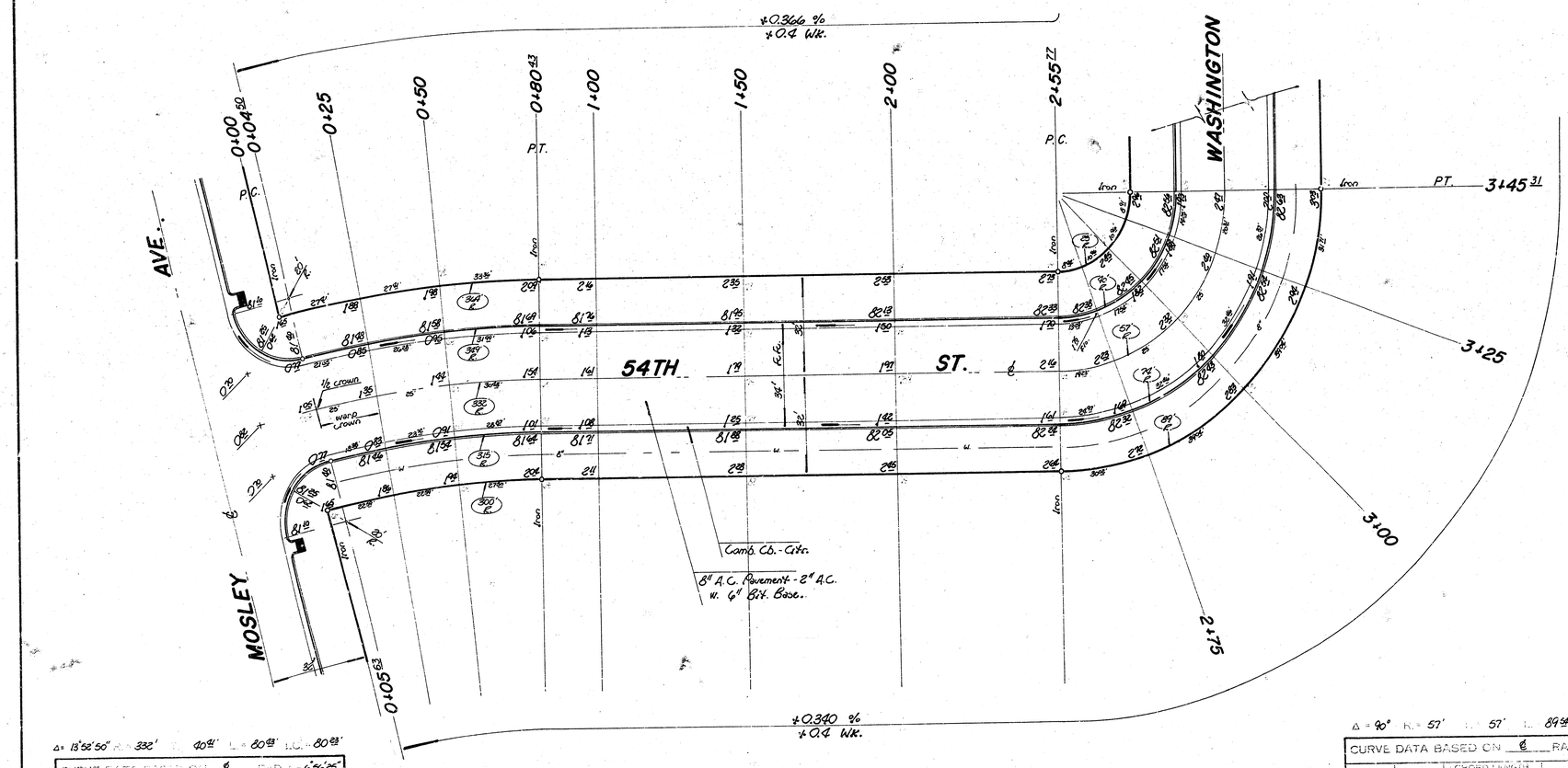
-0.351 %

MOSLEY AVE.



MOSLEY AVE.

5/11



Scale: 1" = 20'

Δ = 13°52'50" R. = 332' T. = 40.41' L. = 80.43' L.C. = 80.23'

CURVE DATA BASED ON ℄ RAD. Δ/16 = 6°56'25"						
STA.	ARC.	CHORD LENGTH ℄ Diff ℄'s	CHORD LENGTH ℄ Diff ℄'s	DEFLECTION	TOTAL DEFLECTION
0+00	—	—	—	0°00'00"	0°00'00"
0+04.50	4.50'	4.49'	↓	0°23'18"	0°23'18"
0+04.50	1.13'	↓	5.51'	0°05'51"	0°29'09"
0+25	19.37'	22.04'	17.91'	1°40'17"	2°09'26"
0+50	25'	26.97'	23.11'	2°09'26"	4°18'52"
0+80.43	30.43'	32.71'	28.13'	2°57'33"	6°56'25"

Defl./Ft. = 5.17733 min.

Δ = 90° R. = 57' T. = 57' L. = 89.54' L.C. = 80.61'

CURVE DATA BASED ON ℄ RAD. Δ/16 = 45°						
STA.	ARC.	CHORD LENGTH ℄ Diff ℄'s	CHORD LENGTH ℄ Diff ℄'s	DEFLECTION	TOTAL DEFLECTION
2+55.77	—	—	—	0°00'00"	0°00'00"
2+75	19.23'	10.74'	27.53'	9°39'55"	9°39'55"
3+00	25'	13.92'	35.48'	12°33'52"	22°13'47"
3+25	25'	13.92'	35.48'	12°33'53"	34°47'40"
3+45.31	20.31'	11.44'	29.06'	10°12'20"	45°00'00"

Defl./Ft. = 30.15667 min.

54 TH ST.

6/11

Scale:
1" = 20'

P. I.
Elev. 83.55
30' V.C.

+0.366 %
+0.4 Wk.

-0.432 %
+0.4 Wk.

3+145.31 | 4+00 | 4+50 | 5+00 | 5+50 | 6+00 | 6+15 | 6+50 | 7+09.51

P.T. | P.C. | P.T. 7+99.05

53RD ST.

WASHINGTON AVE.

7+75

7+50

7+25

-0.342 %
+0.4 Wk.

+0.340 %
+0.4 Wk.

P. I.
Elev. 83.55
30' V.C.

Δ = 90° R = 57' T = 57' L = 89.54' L.C. = 80.61'

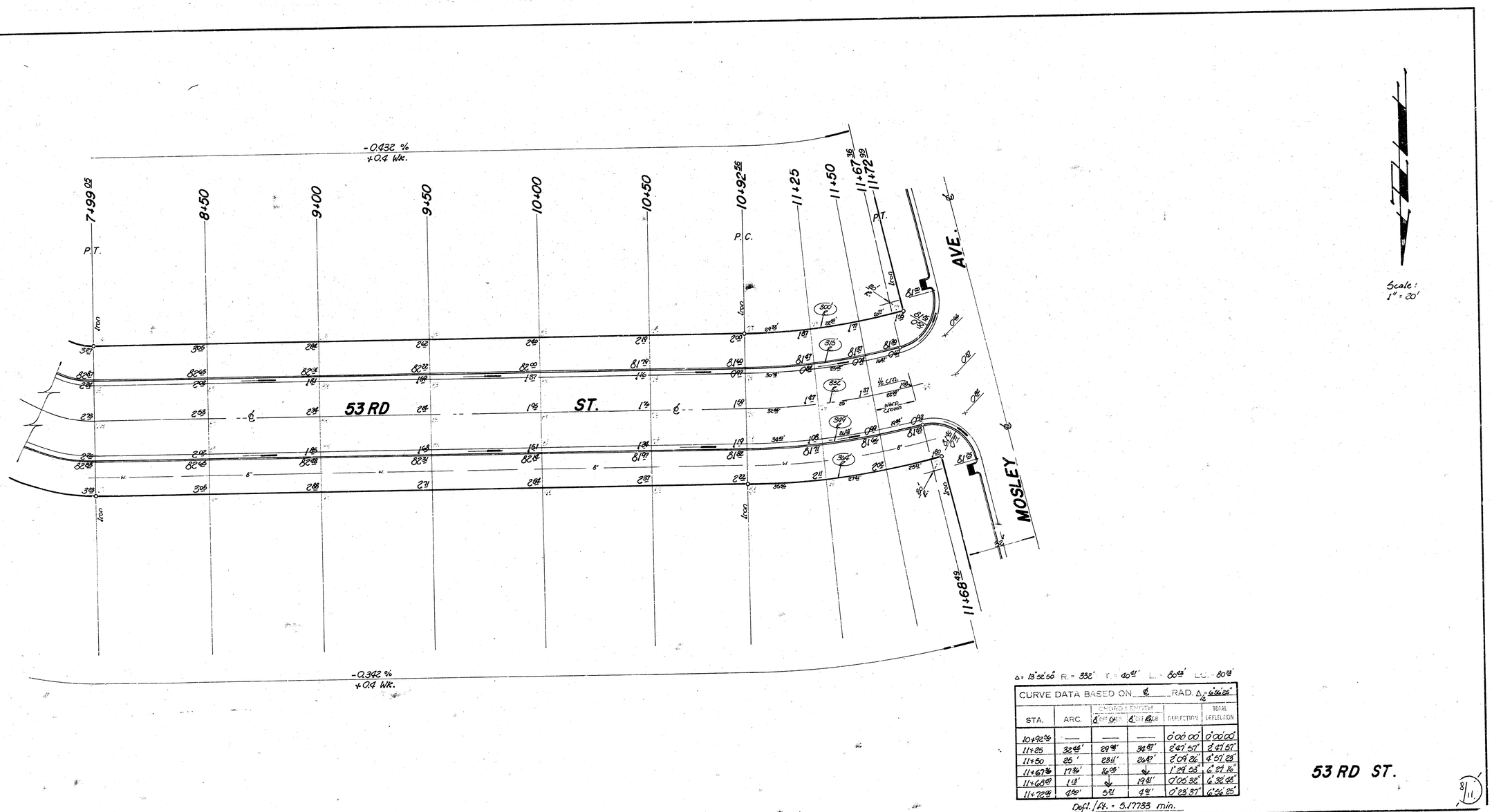
CURVE DATA BASED ON ℄ RAD. AT ℄ 45°

STA.	ARC.	CHORD LENGTH ℄	CHORD LENGTH ℄	DEFLECTION	TOTAL DEFLECTION
7+09.51	—	—	—	0°00'00"	0°00'00"
7+25	15.49'	8.62'	22.21'	7°47'06"	7°47'06"
7+50	25'	13.92'	35.68'	12°33.54"	20°21'00"
7+75	25'	13.92'	35.68'	12°33.54"	32°54'54"
7+99.05	24.05'	13.40'	34.31'	12°05'01"	45°00'00"

Defl./Ft. = 30.155567 min.

WASHINGTON

2/11



Δ = 13°32'50" R. = 332' T. = 40.41' L. = 80.48' LC. = 80.28'

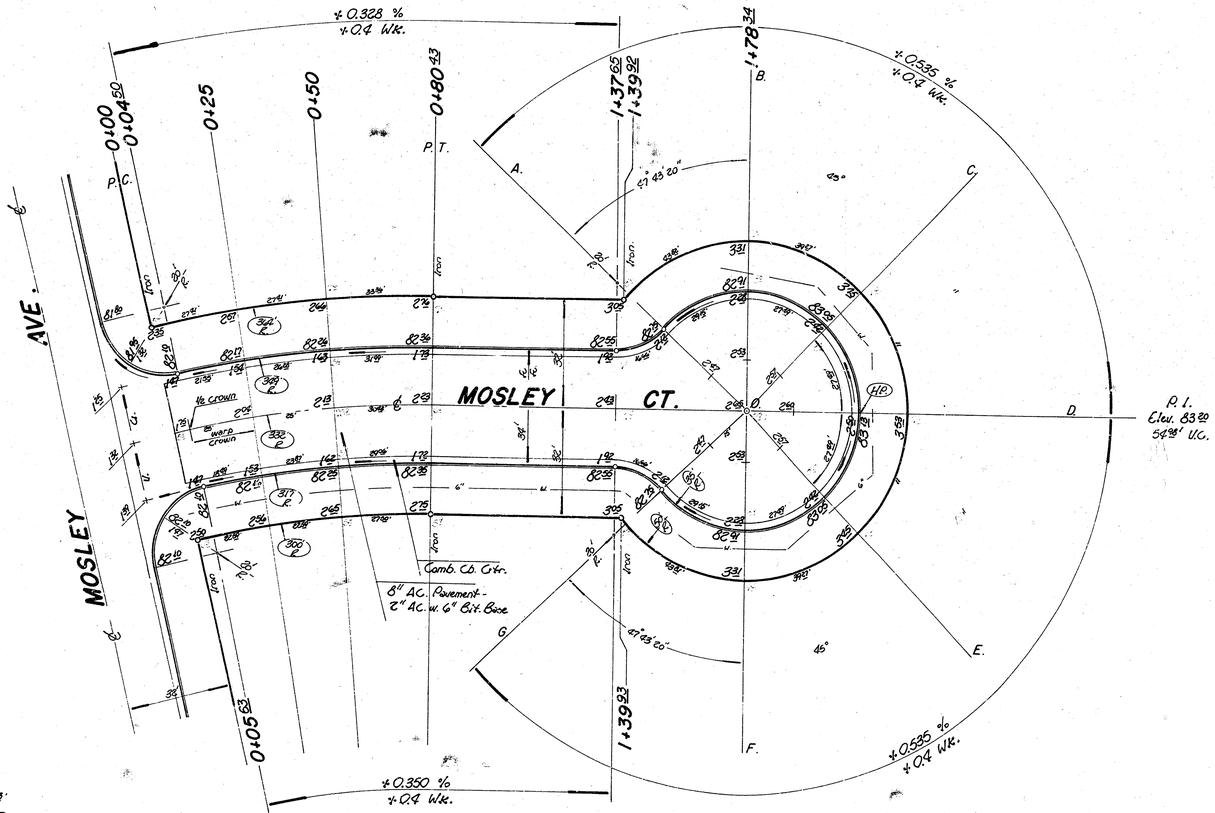
CURVE DATA BASED ON ℄ RAD. Δ/10 = 6°26'25"

STA.	ARC.	CHORD LENGTH & BEARING		DEFLECTION	TOTAL DEFLECTION
10+92.56	—	—	—	0°00'00"	0°00'00"
11+25	32.44'	29.98'	N 34°51' E	2°47'57"	2°47'57"
11+50	25.'	23.11'	N 26°23' E	2°09'26"	4°57'23"
11+67.36	17.36'	16.05'	"	1°29'53"	6°27'16"
11+68.29	1.13'	"	"	0°05'32"	6°32'48"
11+72.93	4.64'	5.21'	N 9°41' E	0°23'37"	6°56'25"

Defl./ft. = 5.17733 min.

53 RD ST.

8/11



Scale:
1" = 20'

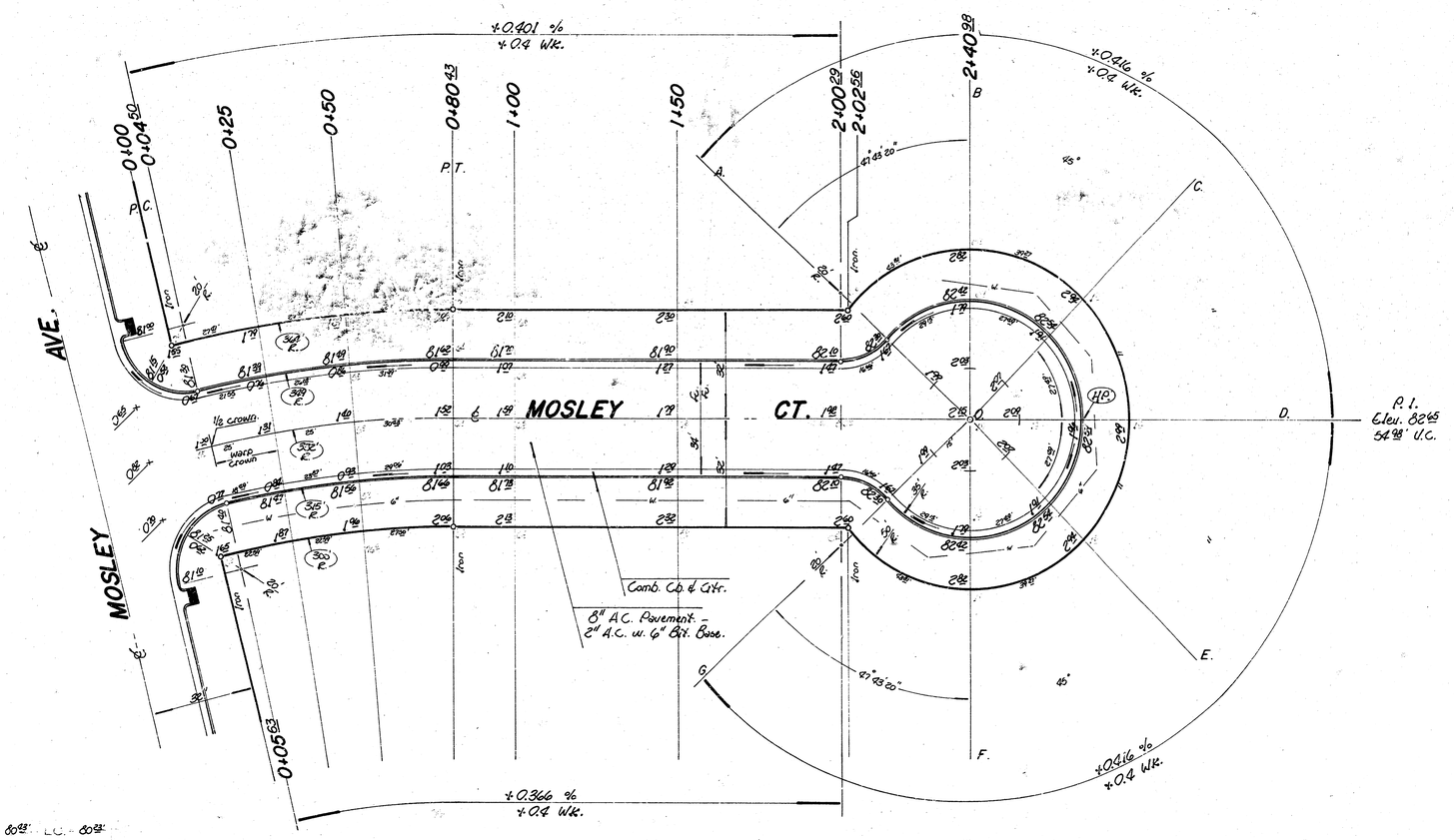
Δ = 13°52'50" 33.2' 40.41' 80.43' 80.23'

STA	8' ℄	8' ℄		DEFLECTION
0+00	—	—	0°00'00"	0°00'00"
0+04.50	4.5'	4.41'	0°23'18"	0°23'18"
0+05.63	1.3'	5.4'	0°05'51"	0°29'09"
0+25	19.4'	20.83'	1°40'17"	2°09'26"
0+50	25'	26.87'	2°09'26"	4°18'52"
0+80.43	30.43'	32.2'	2°37'33"	6°56'25"

Defl / Ft. = 5.17133 min.

MOSLEY CT.
LOTS 32-40

9/11



Scale:
1" = 20'

Δ = 18°52'50" 33Ω 40.41 80.43 L.C. 80.24

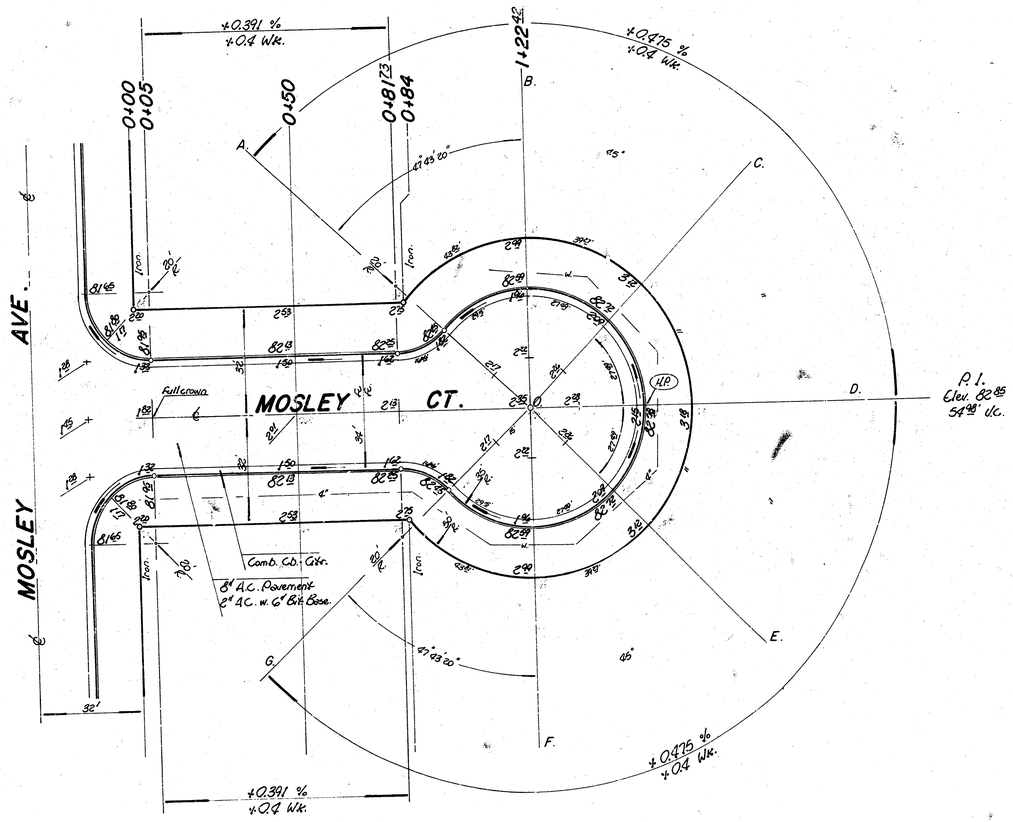
CURVE DATA BASED ON 6° 56.25' ARC

STA.	δ' @	δ @			
0+00	—	—	—	0°00'00"	0°00'00"
0+04.50	4.50'	4.50'	↓	0°23'18"	0°23'18"
0+05.63	1.13'	↓	5.0'	0°05'51"	0°28'09"
0+25	19.37'	20.00'	17.9'	1°40'17"	2°08'26"
0+50	25.'	24.87'	23.1'	4°00'26"	6°18'52"
0+80.43	30.43'	32.21'	28.8'	2°37'33"	6°56.25'

Defl./Ft. = 5.17733 min.

MOSLEY CT.
LOTS 22 - 31

10/11



Scale:
1" = 20'

MOSLEY CT.

LOTS 10 - 14

11/11