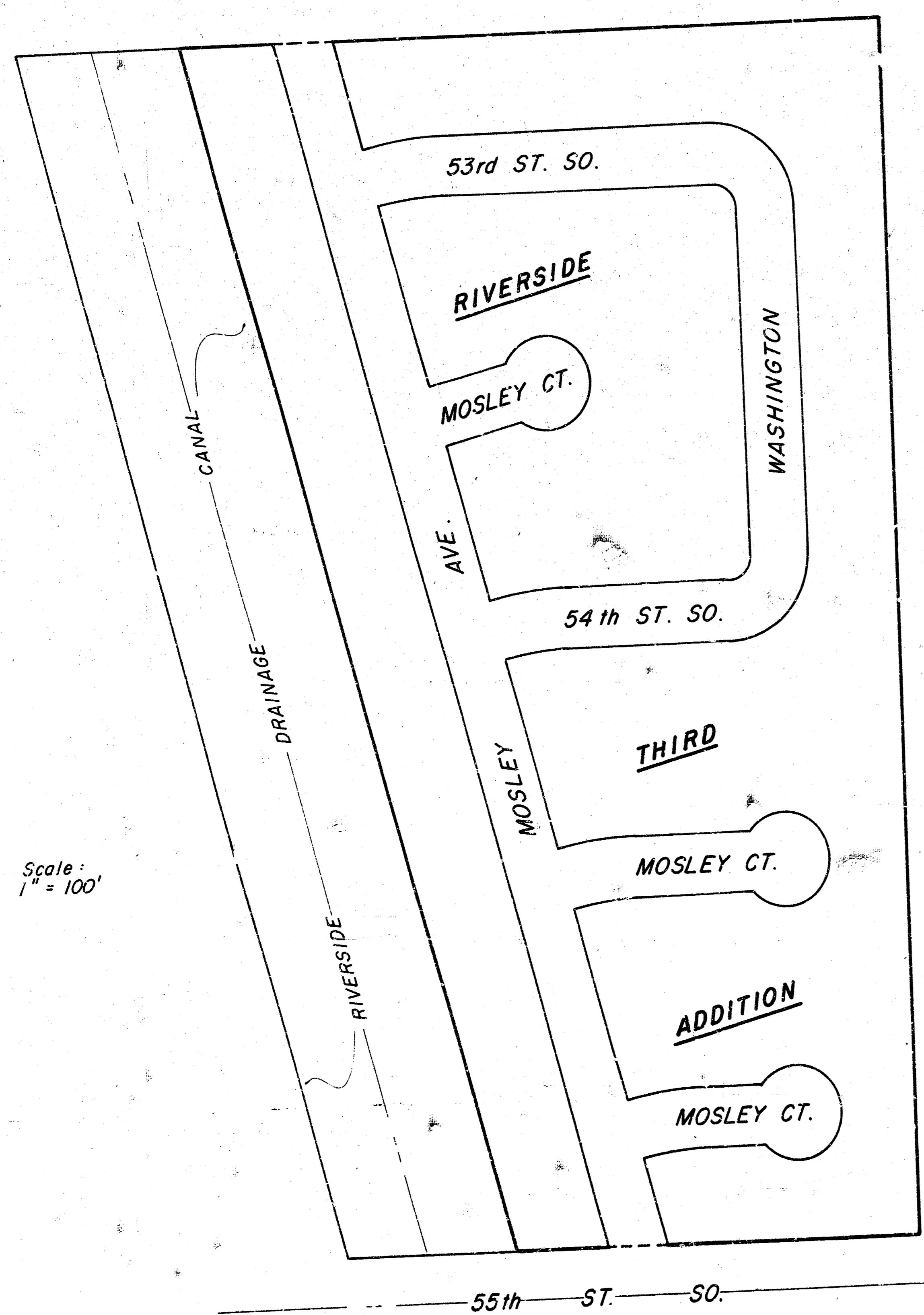


STREETS IN RIVERSIDE THIRD ADDITION

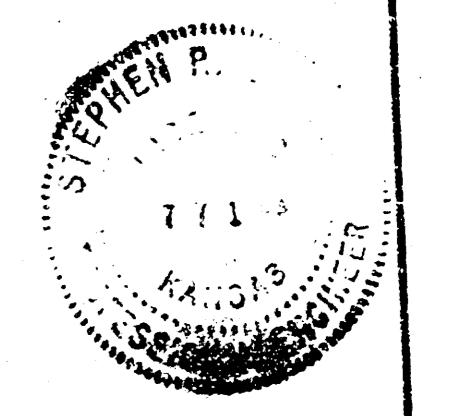
PROJECT NO.
472-76-245-80838-000-000-001



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.

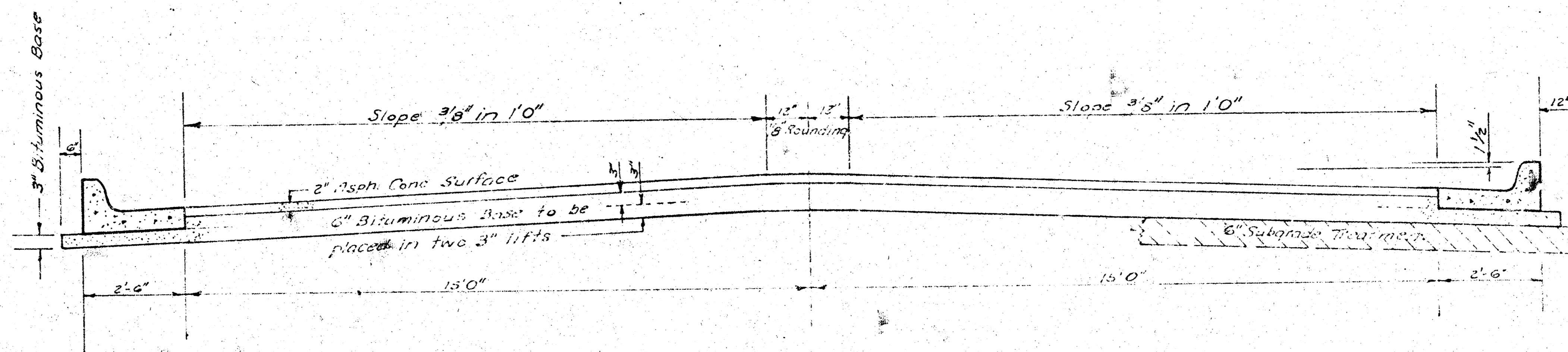
Note:
 Pavement Contractor to co-ordinate construction with the Storm Sewer Contractor.
 Field Engineer to take 'ties & any 'irons' moved or destroyed during construction shall be replaced.
 Contractor to contact Utility Companies for location of underground utilities.
 No more than 44 - (20') Drives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

* Revised
1-15-60 *



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

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TYPICAL SECTION

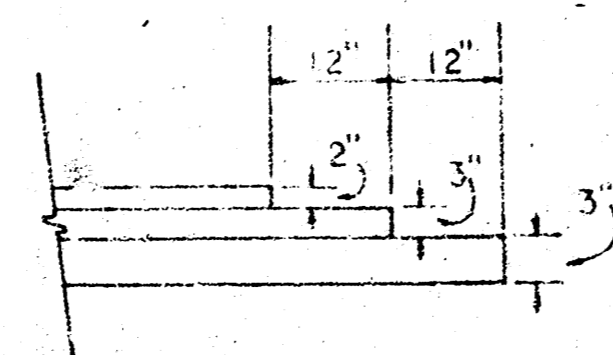
35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

The A.C. Pavement between the curb & gutter shall be paid as Sq Yds. 8" A.C. Pavement (6" Bituminous Base).
The Bituminous Base under the 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.

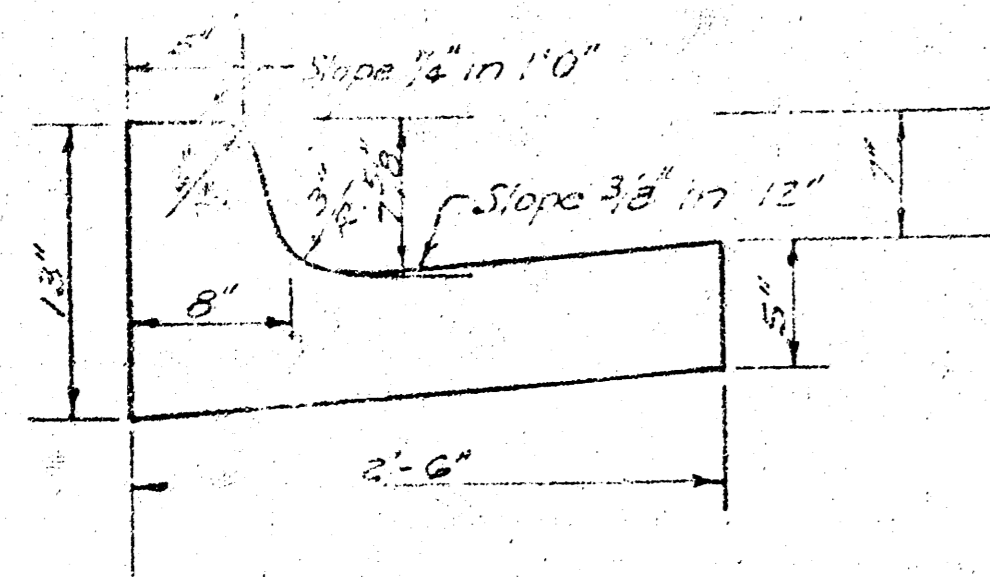
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON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

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS

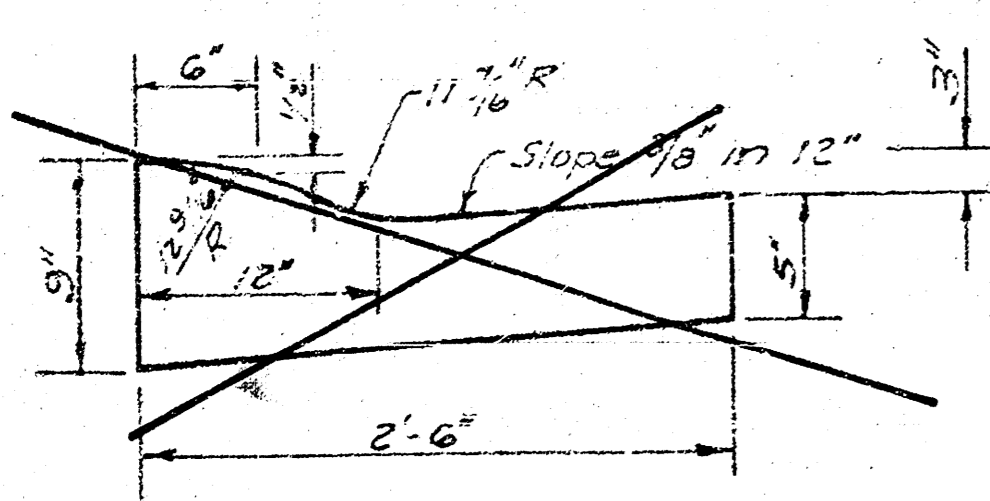


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering
Division.

D. S. SELLERS — ACTING
CITY ENGINEER

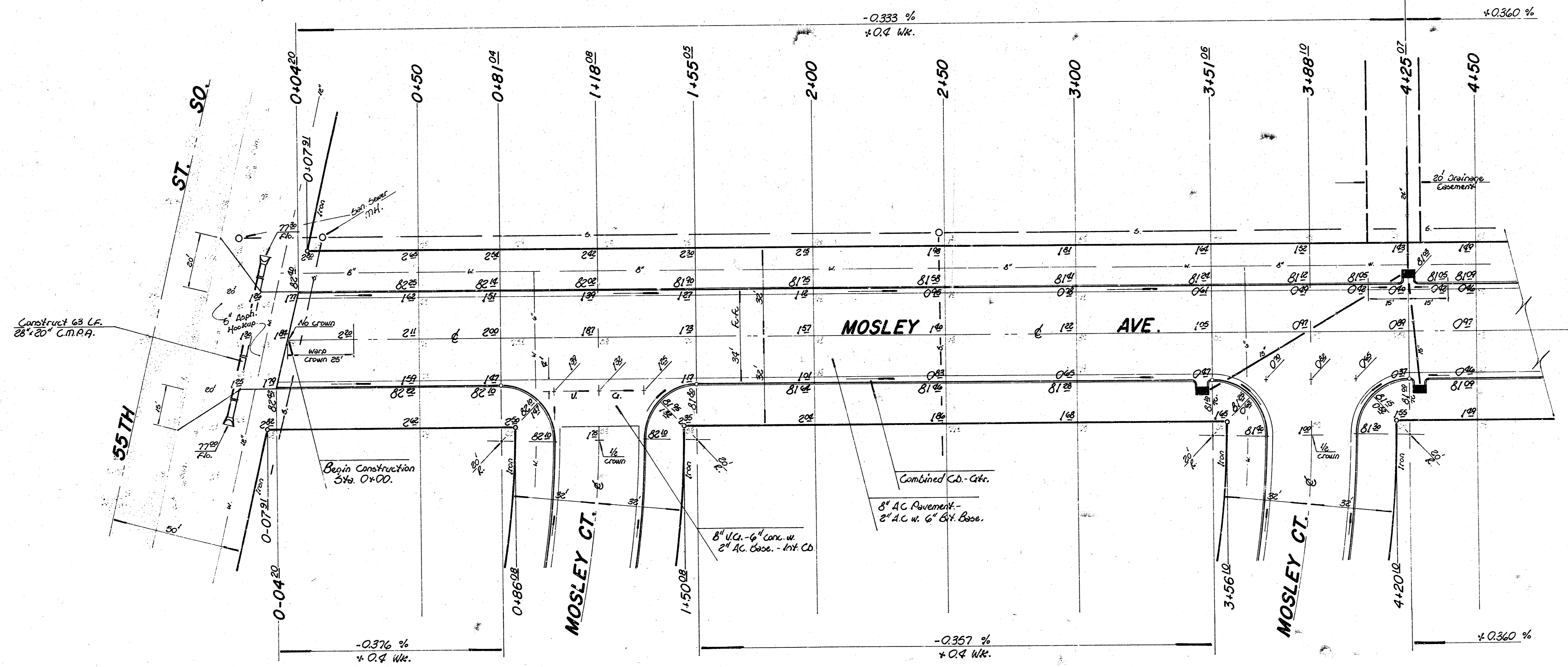
PROJECT NO. —
472-76-245-80838-000-001

2/11

B.M. 81²³ 3rd. Disc 35. Conc. Wk. N.S. Bridge on 55th St. So. 550' E. W. of Washington.

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

Scale:
1" = 20'



Survey Run
 Bl. 042222
 Plan. Hooker
 Exc. Sharpshart
 Checker

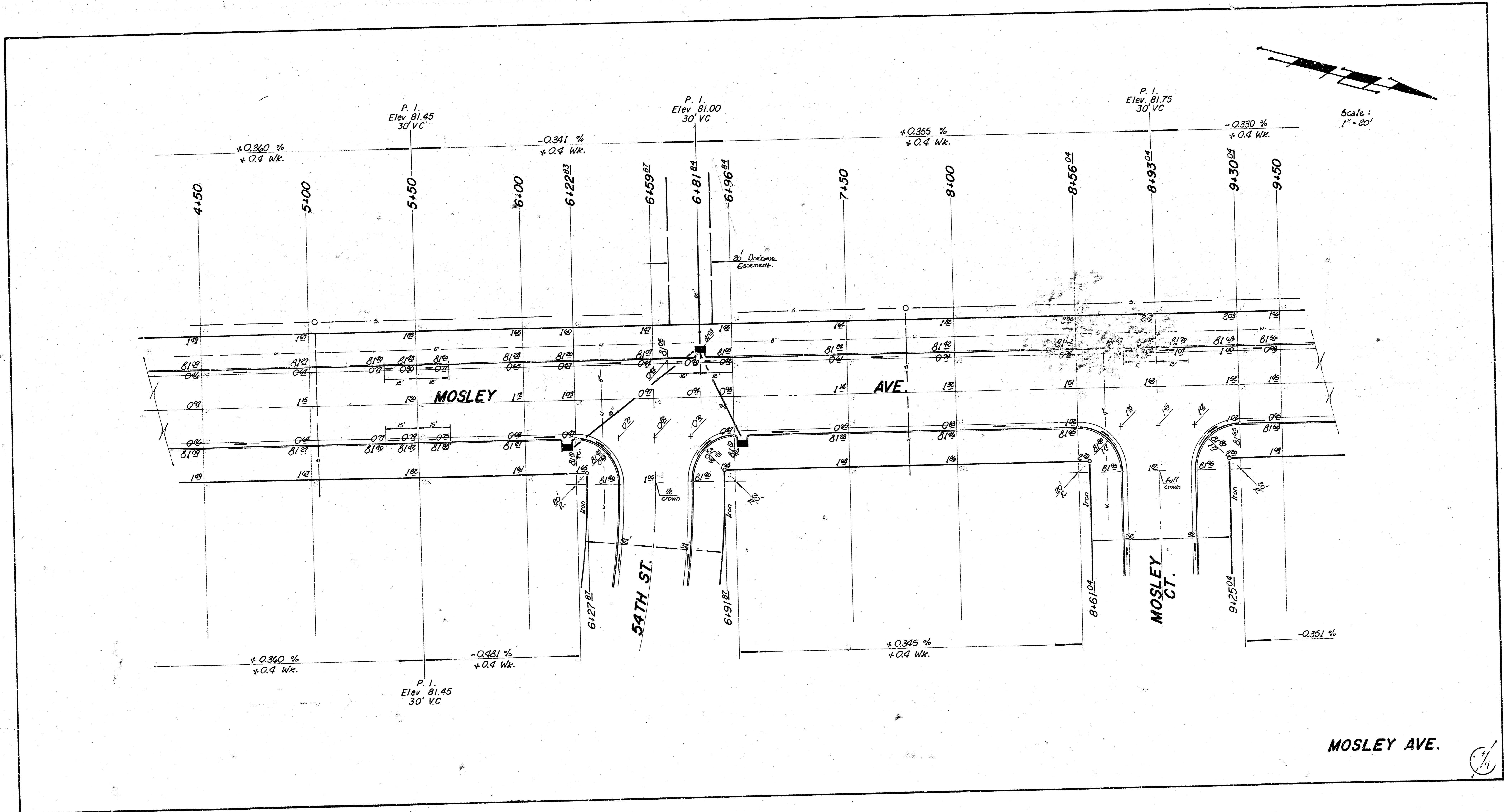
Earthwork Quantities

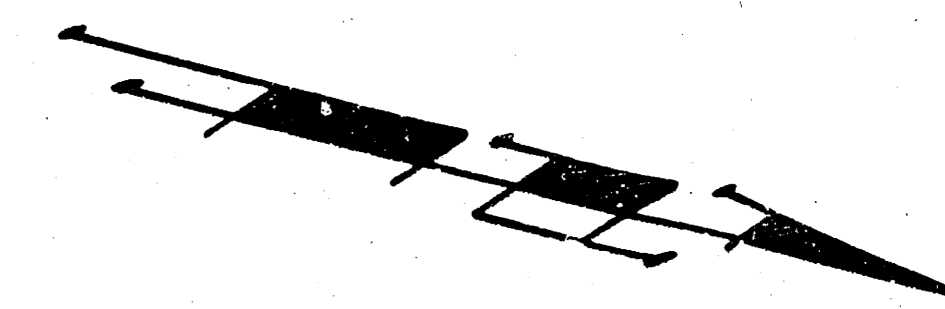
No more than 44' - (20') Drives or equivalent to be constructed on this project.	Exc. = 0	Property		City	
		Comp. Fill = 9891 ¹ cy	Borrow = 26,228 ² cy	Imp. Fill = 1460 ³ cy	Borrow = 2422 ⁴ cy
		+ 10% = 9891 ¹ cy	+ 10% = 26,228 ² cy	+ 10% = 1460 ³ cy	+ 10% = 2422 ⁴ cy
		Total = 10880 ⁵ cy	Total = 28,851 ⁶ cy	Total = 1606 ⁷ cy	Total = 2665 ⁸ cy
		Manipulation = 1275 ⁹ cy.		Manipulation = 1193 ¹⁰ cy.	

SUBGRADE
 TYPE OF SUBGRADE TREATMENT SHALL BE DE-
 TERMINED BY THE FIELD ENGINEER. SUB-GRADE
 TREATMENT MAY CONSIST OF LIME TREATMENT,
 CEMENT TREATMENT, SUB-GRADE MODIFICA-
 TION, OR ANY COMBINATION OF THESE.

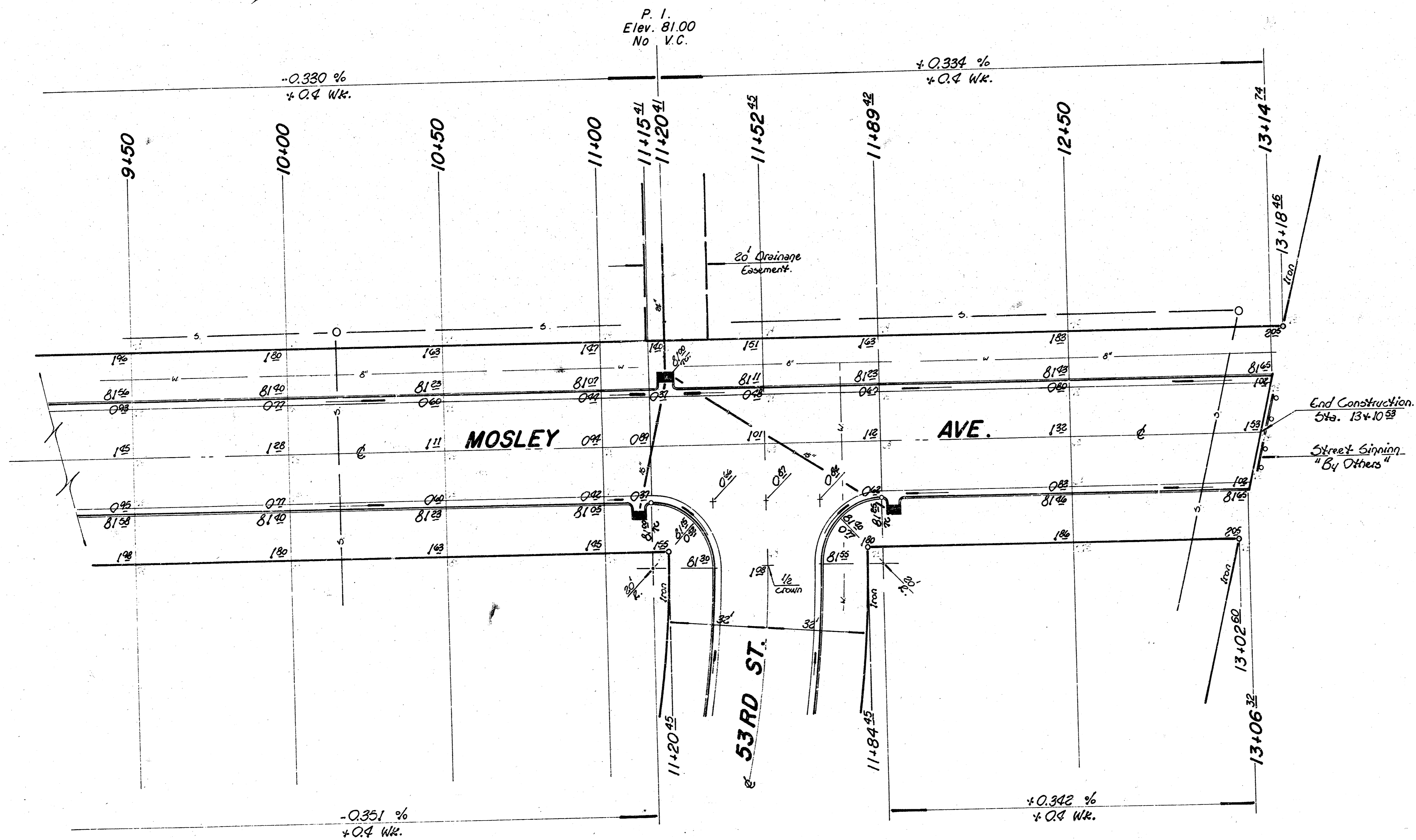
MOSLEY AVE.

3/21



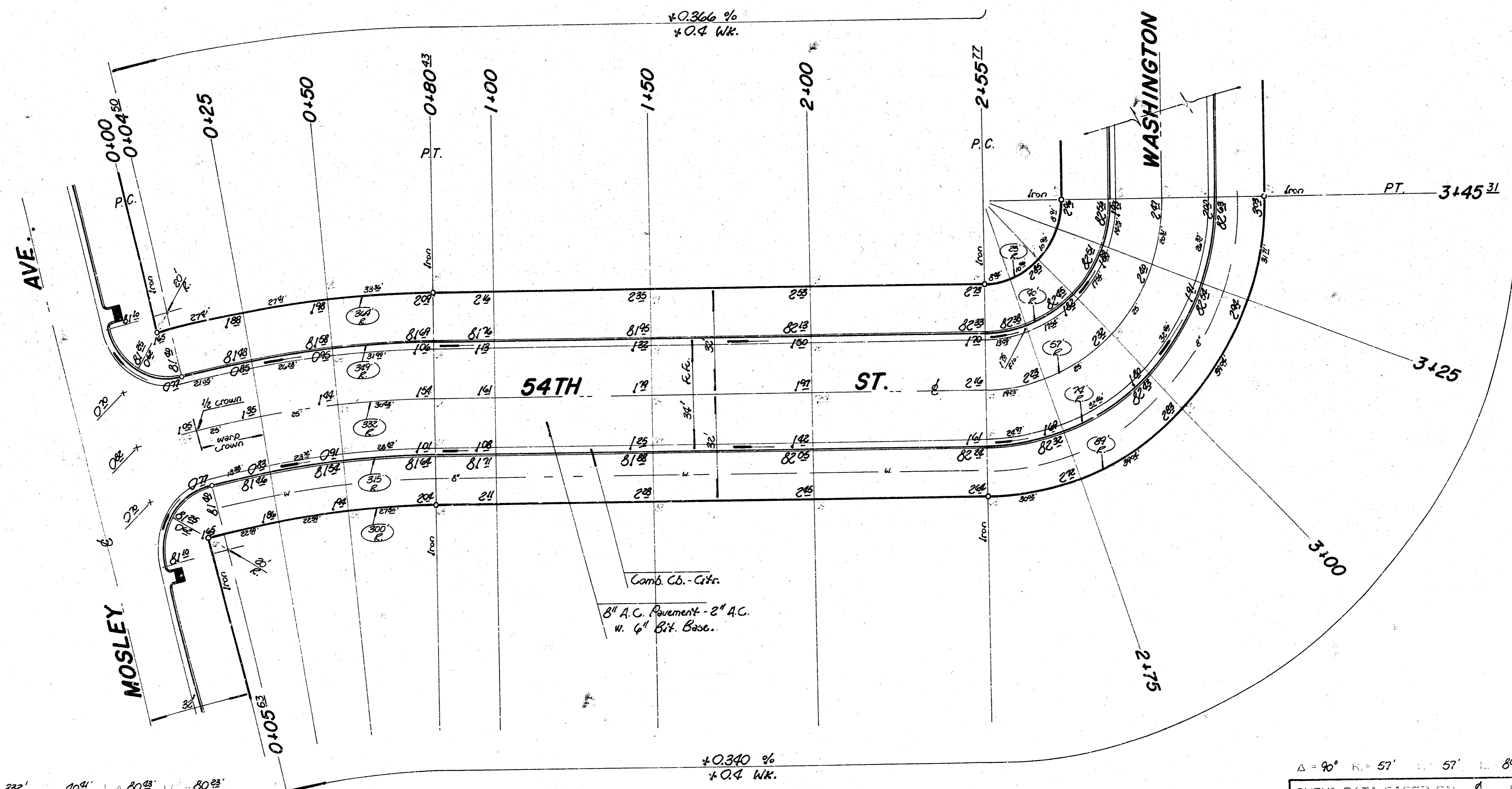


Scale:
1" = 20'



MOSLEY AVE.

5/11



Scale:
1" = 20'

$\Delta = 135^{\circ}50'$ $R = 332'$ $L = 209'$ $L_1 = 80'$

STA.	ARC	CHORD	DEFLECTION	TOTAL DEFLECTION
0+00	—	—	—	0°00'00"
0+04.50	4.50'	4.24'	1°23'18"	1°23'18"
0+09.00	9.00'	8.48'	2°46'36"	2°46'36"
0+13.50	13.50'	12.72'	4°09'54"	4°09'54"
0+18.00	18.00'	16.96'	5°33'12"	5°33'12"
0+22.50	22.50'	21.20'	6°56'30"	6°56'30"
0+27.00	27.00'	25.44'	8°19'48"	8°19'48"
0+31.50	31.50'	29.68'	9°43'06"	9°43'06"
0+36.00	36.00'	33.92'	11°06'24"	11°06'24"
0+40.50	40.50'	38.16'	12°29'42"	12°29'42"
0+45.00	45.00'	42.40'	13°53'00"	13°53'00"
0+49.50	49.50'	46.64'	15°16'18"	15°16'18"
0+54.00	54.00'	50.88'	16°39'36"	16°39'36"
0+58.50	58.50'	55.12'	18°02'54"	18°02'54"
0+63.00	63.00'	59.36'	19°26'12"	19°26'12"
0+67.50	67.50'	63.60'	20°49'30"	20°49'30"
0+72.00	72.00'	67.84'	22°12'48"	22°12'48"
0+76.50	76.50'	72.08'	23°36'06"	23°36'06"
0+81.00	81.00'	76.32'	25°00'24"	25°00'24"
0+85.50	85.50'	80.56'	26°23'42"	26°23'42"
0+90.00	90.00'	84.80'	27°47'00"	27°47'00"
0+94.50	94.50'	89.04'	29°10'18"	29°10'18"
0+99.00	99.00'	93.28'	30°33'36"	30°33'36"
0+103.50	103.50'	97.52'	31°56'54"	31°56'54"
0+108.00	108.00'	101.76'	33°20'12"	33°20'12"
0+112.50	112.50'	106.00'	34°43'30"	34°43'30"
0+117.00	117.00'	110.24'	36°06'48"	36°06'48"
0+121.50	121.50'	114.48'	37°30'06"	37°30'06"
0+126.00	126.00'	118.72'	38°53'24"	38°53'24"
0+130.50	130.50'	122.96'	40°16'42"	40°16'42"
0+135.00	135.00'	127.20'	41°40'00"	41°40'00"
0+139.50	139.50'	131.44'	43°03'18"	43°03'18"
0+144.00	144.00'	135.68'	44°26'36"	44°26'36"
0+148.50	148.50'	139.92'	45°49'54"	45°49'54"
0+153.00	153.00'	144.16'	47°13'12"	47°13'12"
0+157.50	157.50'	148.40'	48°36'30"	48°36'30"
0+162.00	162.00'	152.64'	49°59'48"	49°59'48"
0+166.50	166.50'	156.88'	51°23'06"	51°23'06"
0+171.00	171.00'	161.12'	52°46'24"	52°46'24"
0+175.50	175.50'	165.36'	54°09'42"	54°09'42"
0+180.00	180.00'	169.60'	55°33'00"	55°33'00"
0+184.50	184.50'	173.84'	56°56'18"	56°56'18"
0+189.00	189.00'	178.08'	58°19'36"	58°19'36"
0+193.50	193.50'	182.32'	59°42'54"	59°42'54"
0+198.00	198.00'	186.56'	61°06'12"	61°06'12"
0+202.50	202.50'	190.80'	62°29'30"	62°29'30"
0+207.00	207.00'	195.04'	63°52'48"	63°52'48"
0+211.50	211.50'	199.28'	65°16'06"	65°16'06"
0+216.00	216.00'	203.52'	66°39'24"	66°39'24"
0+220.50	220.50'	207.76'	68°02'42"	68°02'42"
0+225.00	225.00'	212.00'	69°25'60"	69°25'60"
0+229.50	229.50'	216.24'	70°48'18"	70°48'18"
0+234.00	234.00'	220.48'	72°11'36"	72°11'36"
0+238.50	238.50'	224.72'	73°34'54"	73°34'54"
0+243.00	243.00'	228.96'	74°58'12"	74°58'12"
0+247.50	247.50'	233.20'	76°21'30"	76°21'30"
0+252.00	252.00'	237.44'	77°44'48"	77°44'48"
0+256.50	256.50'	241.68'	79°08'06"	79°08'06"
0+261.00	261.00'	245.92'	80°31'24"	80°31'24"
0+265.50	265.50'	250.16'	81°54'42"	81°54'42"
0+270.00	270.00'	254.40'	83°18'00"	83°18'00"
0+274.50	274.50'	258.64'	84°41'18"	84°41'18"
0+279.00	279.00'	262.88'	86°04'36"	86°04'36"
0+283.50	283.50'	267.12'	87°27'54"	87°27'54"
0+288.00	288.00'	271.36'	88°51'12"	88°51'12"
0+292.50	292.50'	275.60'	90°14'30"	90°14'30"
0+297.00	297.00'	279.84'	91°37'48"	91°37'48"
0+301.50	301.50'	284.08'	93°01'06"	93°01'06"
0+306.00	306.00'	288.32'	94°24'24"	94°24'24"
0+310.50	310.50'	292.56'	95°47'42"	95°47'42"
0+315.00	315.00'	296.80'	97°11'00"	97°11'00"
0+319.50	319.50'	301.04'	98°34'18"	98°34'18"
0+324.00	324.00'	305.28'	99°57'36"	99°57'36"
0+328.50	328.50'	309.52'	101°20'54"	101°20'54"
0+333.00	333.00'	313.76'	102°44'12"	102°44'12"
0+337.50	337.50'	318.00'	104°07'30"	104°07'30"
0+342.00	342.00'	322.24'	105°30'48"	105°30'48"
0+346.50	346.50'	326.48'	106°54'06"	106°54'06"
0+351.00	351.00'	330.72'	108°17'24"	108°17'24"
0+355.50	355.50'	334.96'	109°40'42"	109°40'42"
0+360.00	360.00'	339.20'	111°04'00"	111°04'00"
0+364.50	364.50'	343.44'	112°27'18"	112°27'18"
0+369.00	369.00'	347.68'	113°50'36"	113°50'36"
0+373.50	373.50'	351.92'	115°13'54"	115°13'54"
0+378.00	378.00'	356.16'	116°37'12"	116°37'12"
0+382.50	382.50'	360.40'	118°00'30"	118°00'30"
0+387.00	387.00'	364.64'	119°23'48"	119°23'48"
0+391.50	391.50'	368.88'	120°47'06"	120°47'06"
0+396.00	396.00'	373.12'	122°10'24"	122°10'24"
0+400.50	400.50'	377.36'	123°33'42"	123°33'42"
0+405.00	405.00'	381.60'	124°57'00"	124°57'00"
0+409.50	409.50'	385.84'	126°20'18"	126°20'18"
0+414.00	414.00'	390.08'	127°43'36"	127°43'36"
0+418.50	418.50'	394.32'	129°06'54"	129°06'54"
0+423.00	423.00'	398.56'	130°30'12"	130°30'12"
0+427.50	427.50'	402.80'	131°53'30"	131°53'30"
0+432.00	432.00'	407.04'	133°16'48"	133°16'48"
0+436.50	436.50'	411.28'	134°40'06"	134°40'06"
0+441.00	441.00'	415.52'	136°03'24"	136°03'24"
0+445.50	445.50'	419.76'	137°26'42"	137°26'42"
0+450.00	450.00'	424.00'	138°49'60"	138°49'60"
0+454.50	454.50'	428.24'	140°12'78"	140°12'78"
0+459.00	459.00'	432.48'	141°35'96"	141°35'96"
0+463.50	463.50'	436.72'	142°59'14"	142°59'14"
0+468.00	468.00'	440.96'	144°22'32"	144°22'32"
0+472.50	472.50'	445.20'	145°45'50"	145°45'50"
0+477.00	477.00'	449.44'	147°09'08"	147°09'08"
0+481.50	481.50'	453.68'	148°32'26"	148°32'26"
0+486.00	486.00'	457.92'	149°55'44"	149°55'44"
0+490.50	490.50'	462.16'	151°18'62"	151°18'62"
0+495.00	495.00'	466.40'	152°41'80"	152°41'80"
0+499.50	499.50'	470.64'	154°04'98"	154°04'98"
0+504.00	504.00'	474.88'	155°28'16"	155°28'16"
0+508.50	508.50'	479.12'	156°51'34"	156°51'34"
0+513.00	513.00'	483.36'	158°14'52"	158°14'52"
0+517.50	517.50'	487.60'	159°38'10"	159°38'10"
0+522.00	522.00'	491.84'	161°01'28"	161°01'28"
0+526.50	526.50'	496.08'	162°24'46"	162°24'46"
0+531.00	531.00'	500.32'	163°48'04"	163°48'04"
0+535.50	535.50'	504.56'	165°11'22"	165°11'22"
0+540.00	540.00'	508.80'	166°34'40"	166°34'40"
0+544.50	544.50'	513.04'	167°57'58"	167°57'58"
0+549.00	549.00'	517.28'	169°21'16"	169°21'16"
0+553.50	553.50'	521.52'	170°44'34"	170°44'34"
0+558.00	558.00'	525.76'	172°07'52"	172°07'52"
0+562.50	562.50'	530.00'	173°31'10"	173°31'10"
0+567.00	567.00'	534.24'	174°54'28"	174°54'28"
0+571.50	571.50'	538.48'	176°17'46"	176°17'46"
0+576.00	576.00'	542.72'	177°41'04"	177°41'04"
0+580.50	580.50'	546.96'	179°04'22"	179°04'22"
0+585.00	585.00'	551.20'	180°27'40"	180°27'40"
0+589.50	589.50'	555.44'	181°50'58"	181°50'58"
0+594.00	594.00'	559.68'	183°14'16"	183°14'16"
0+598.50	598.50'	563.92'	184°37'34"	184°37'34"
0+603.00	603.00'	568.16'	186°00'52"	186°00'52"
0+607.50	607.50'	572.40'	187°24'10"	187°24'10"
0+612.00	612.00'	576.64'	188°47'28"	188°47'28"
0+616.50	616.50'	580.88'	190°10'46"	190°10'46"
0+621.00	621.00'	585.12'	191°34'04"	191°34'04"
0+625.50	625.50'	589.36'	192°57'22"	192°57'22"
0+630.00	630.00'	593.60'	194°20'40"	194°20'40"
0+634.50	634.50'	597.84'	195°43'58"	195°43'58"
0+639.00	639.00'	602.08'	197°07'16"	197°07'16"
0+643.50	643.50'	606.32'	198°30'34"	198°30'34"
0+648.00	648.00'	610.56'	199°53'52"	199°53'52"
0+652.50	652.50'	614.80'	201°17'10"	201°17'10"
0+657.00	657.00'	619.04'	202°40'28"	202°40'28"
0+661.50	661.50'	623.28'	204°03'46"	204°03'46"
0+666.00	666.00'	627.52'	205°27'04"	205°27'04"
0+670.50	670.50'	631.76'	206°50'22"	206°50'22"
0+675.00	675.00'	636.00'	208°13'40"	208°13'40"
0+679.50	679.50'	640.24'	209°36'58"	209°36'58"
0+684.00	684.00'	644.48'	211°00'16"	211°00'16"
0+688.50	688.50'	648.72'	212°23'34"	212°23'34"
0+693.00	693.00'	652.96'	213°46'52"	213°46'52"
0+697.50	697.50'	657.20'	215°10'10"	215°10'10"
0+702.00	702.00'	661.44'	216°33'28"	216°33'28"
0+706.50	706.50'	665.68'	217°56'46"	217°56'46"
0+711.00	711.00'	669.92'	219°19'64"	219°19'64"
0+715.50	715.50'	674.16'	220°42'82"	220°42'82"
0+720.00	720.00'	678.40'	222°05'40"	222°05'40"
0+724.50	724.50'	682.64'	223°28'58"	223°28'58"
0+729.00	729.00'	686.88'	224°52'16"	224°52'16"
0+733.50	733.50'	691.12'	226°15'34"	



Scale:
1" = 20'

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

-0.32%
+0.4 WK.

+0.36%
+0.4 WK.

+0.34%
+0.4 WK.

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

7+09.51
P.C.

P.T. 7+39.05

WASHINGTON AVE.

53 RD ST.

7+175

7+150

7+125

-0.34%
+0.4 WK.

$\Delta = 90^\circ$ R = 57' L = 89' LC = 80'

CURVE DATA BASED ON $\frac{1}{2}$ RAD $\Delta = 45^\circ$

STA.	ARC.	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		CHORD	PERCENT		
7+09.51	—	—	—	0.00	0.00
7+125	15.98'	5.42'	22.21'	1.4706°	1.4706°
7+150	25'	13.98'	35.98'	12.3354°	20.2100°
7+175	25'	13.98'	35.98'	12.3353°	32.5453°
7+199.05	24.54'	13.98'	34.28'	12.0507°	44.5960°

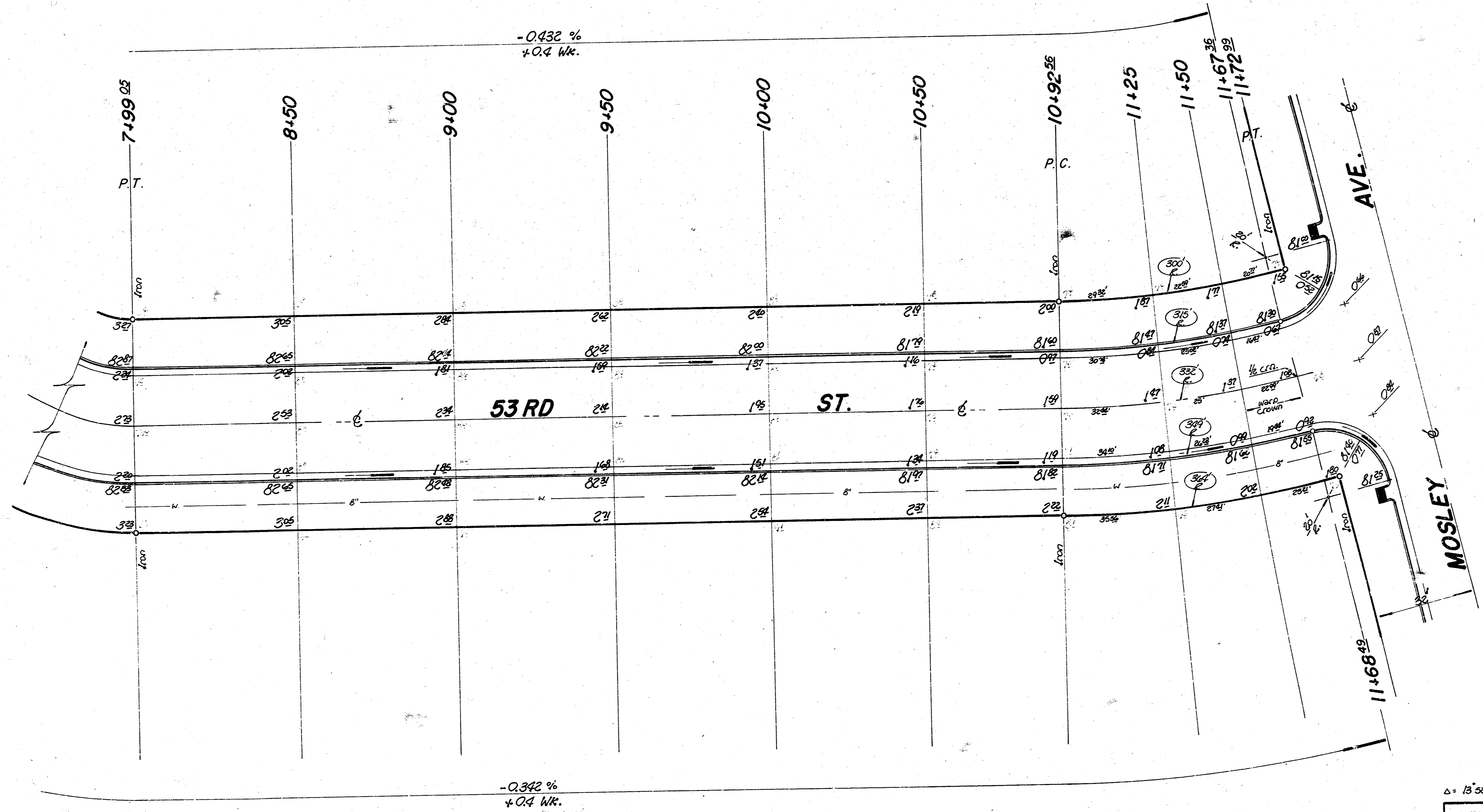
Defl. / Ft. = 30.15567 min.

WASHINGTON

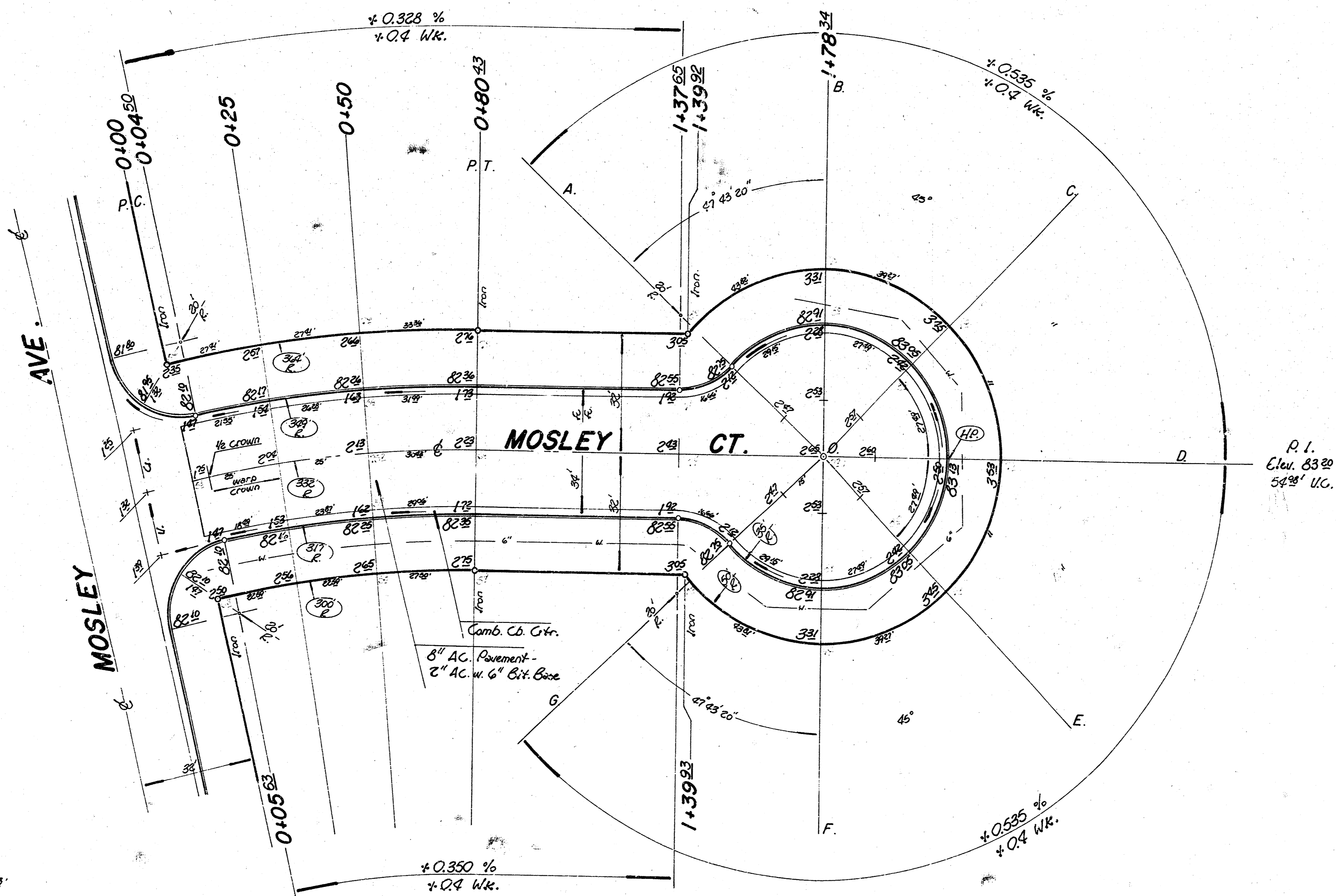
2/11



Scale: 1" = 20'



53 RD ST.



Scale:
1" = 20'

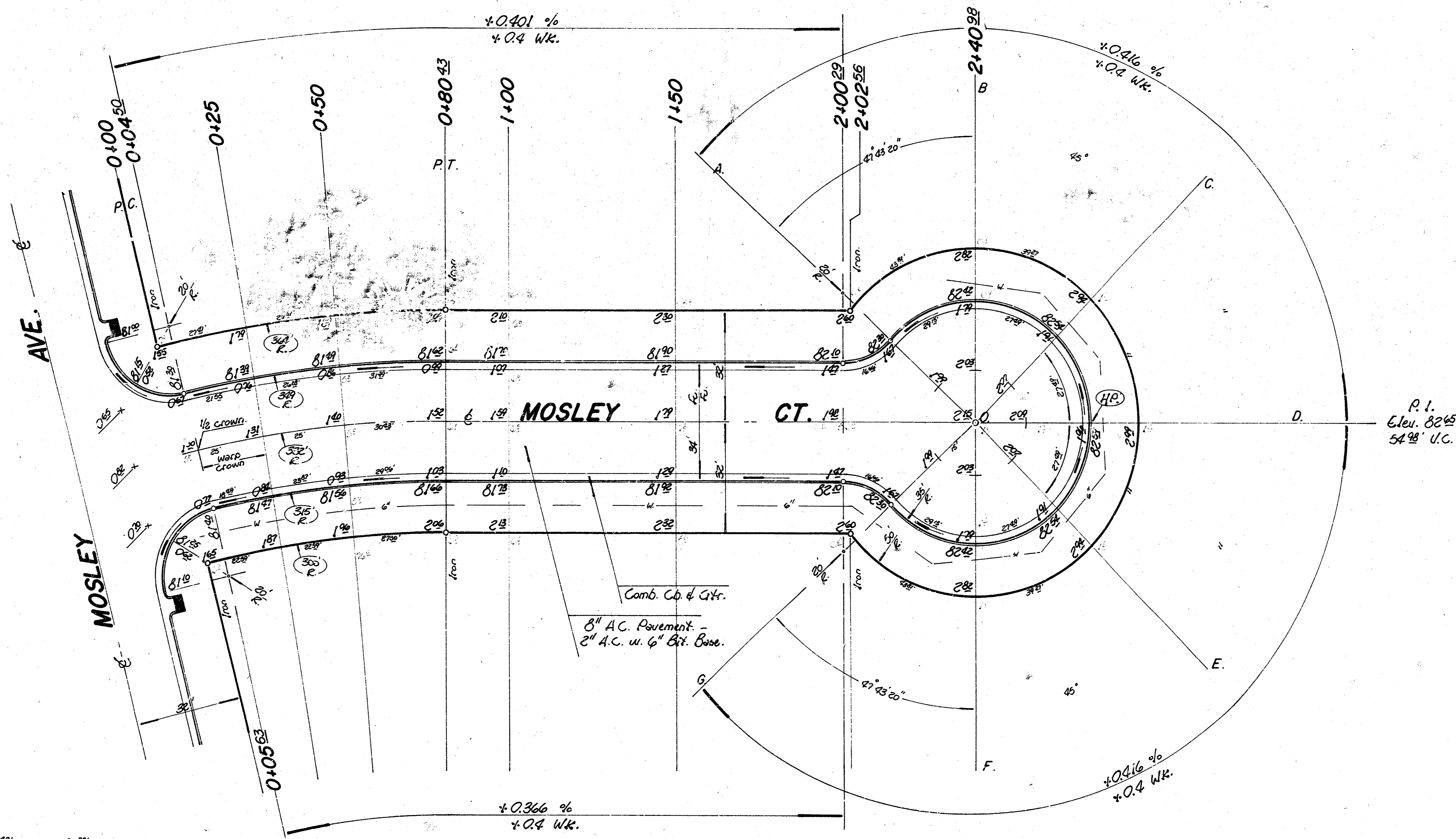
Δ = 13.5250 332' 40' 80' 80'

STA	TR	8'	4'	8'	8'	Δ	Point REFLECTION
0+00	—	—	—	—	—	0'00'00"	0'00'00"
0+04.50	45°	4.5'	4.5'	—	—	0'23'18"	0'04'18"
0+09.00	18°	1.8'	—	5.4'	—	0'05'51"	0'09'00"
0+25	19.8°	2.0'	20.8'	17.8'	—	1'40'17"	2'09'26"
0+50	26°	2.6'	26.8'	23.8'	—	2'09'26"	4'18'52"
0+80.50	30.8°	3.1'	30.8'	28.8'	—	2'37'33"	6'56'25"

Defl. / Δ = 5.17183 min.

MOSLEY CT.
LOTS 32 - 40

9/11



Scale:
1" = 20'

Δ = 18°52'55" 332 40' 80° L.C. = 80'

STATION	CHORD	CHORD	CHORD	CHORD	CHORD
0+00				0'00.00	0'00.00
0+04.50	4.50'	4.50'		0'23.18"	0'23.18"
0+09.00	9.00'	9.00'		0'08.51"	0'08.09"
0+25	19.87'	20.88'	17.91'	1'40.17"	2'09.26"
0+50	25'	26.87'	23.11'	2'14.26"	4'18.58"
0+80.98	30.98'	32.21'	28.15'	2'37.33"	6'56.25"

Defl./f₄ = 5.17733 min.

MOSLEY CT.
LOTS 22-31

10/11

