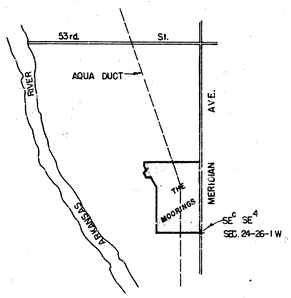
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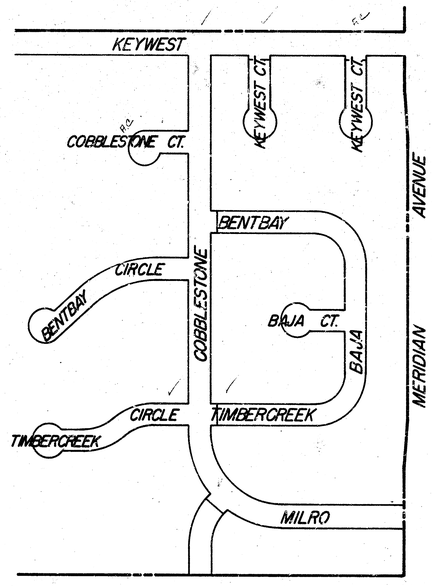
PROJECT NO. DAKS 577107

472 76 245 80598 000 000 001

COBBLESTONE AND MILRO - W.L. MERIDIAN TO S.L. KEYWEST
COBBLESTONE COURT - W.L. COBBLESTONE TO & INCLUDING CUL-DE-SAC
BENTBAY CIRCLE - W.L. COBBLESTONE TO & INCLUDING CUL-DE-SAC
TIMBERCREEK CIRCLE - W.L. COBBLESTONE TO & INCLUDING CUL-DE-SAC
KEYWEST - W.L. COBBLESTONE TO W.L. MERIDIAN



LOCATION MAP



Not to Scale
(All Pertinent calculated quantities for elevation & completion)

CITY of WICHITA
R. W. LINN - CITY ENGINEER

PREPARED BY REISS AND GOODNESS ENGINEERS

1/12

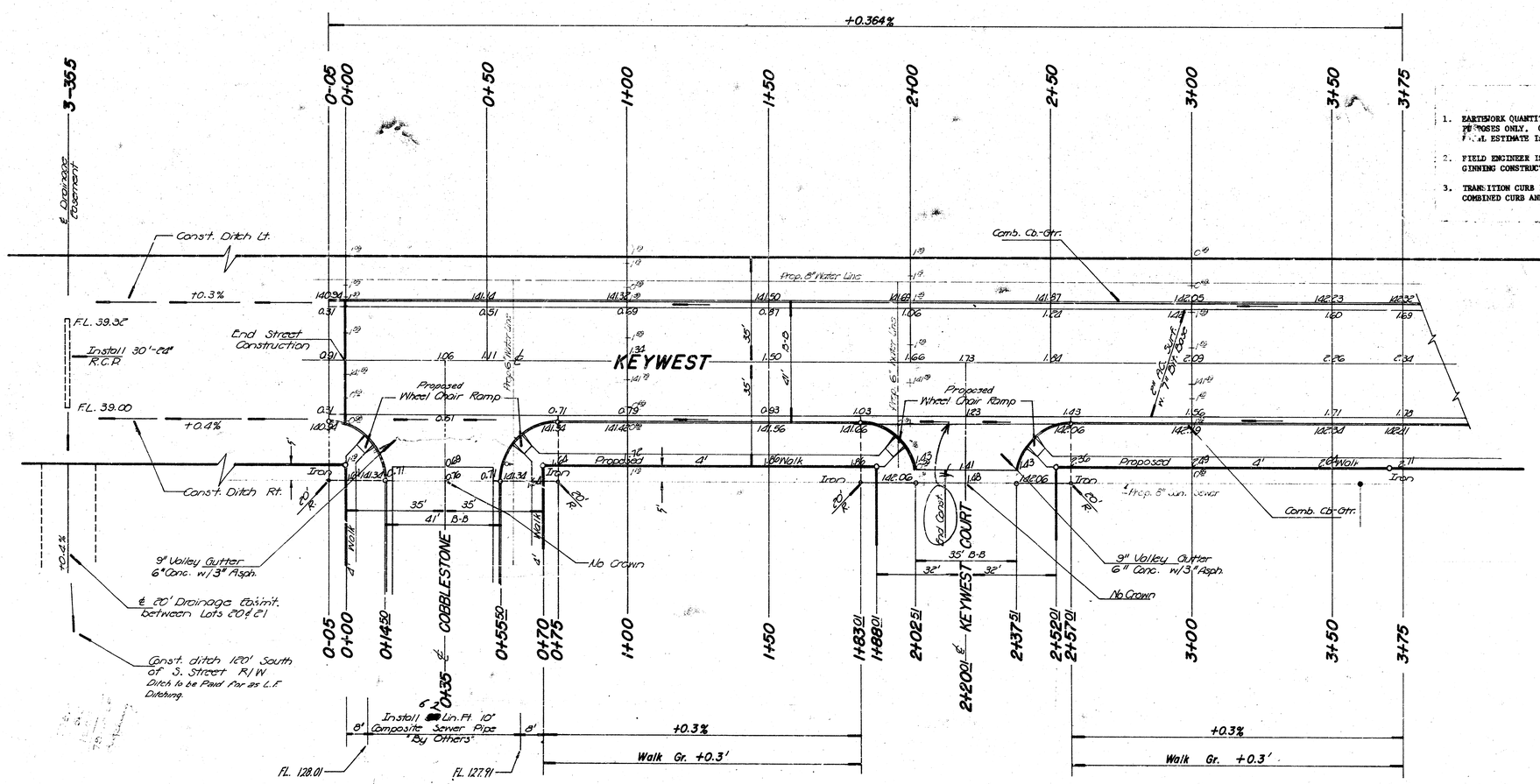
B.M. 141.07 "□" In S. Headwall, Culvert at 45 th. St. N. and Meridian

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.

NOTE:
THE PAVING CONTRACTOR AWARDED THIS CONTRACT SHALL CORRELATE ALL WORK WITH THE DRAINAGE, SANITARY AND WATER CONTRACTORS.



GENERAL NOTES

1. EARTHWORK QUANTITIES ARE ESTIMATES AND ARE FOR BIDDING PURPOSES ONLY. QUANTITIES WILL BE CALCULATED AT TIME FINAL ESTIMATE IS WRITTEN.
2. FIELD ENGINEER IS TO CROSS-SECTION PROJECT BEFORE BEGINNING CONSTRUCTION.
3. TRANSITION CURB IS TO BE PAID FOR AS L.F. ROLL-TYPE COMBINED CURB AND GUTTER.

Scale 1" = 20'

KEYWEST

41' B-B 2" ASPH. CONC. SURF. w. 7" BIT. BASE & COMB. CB-GTR.

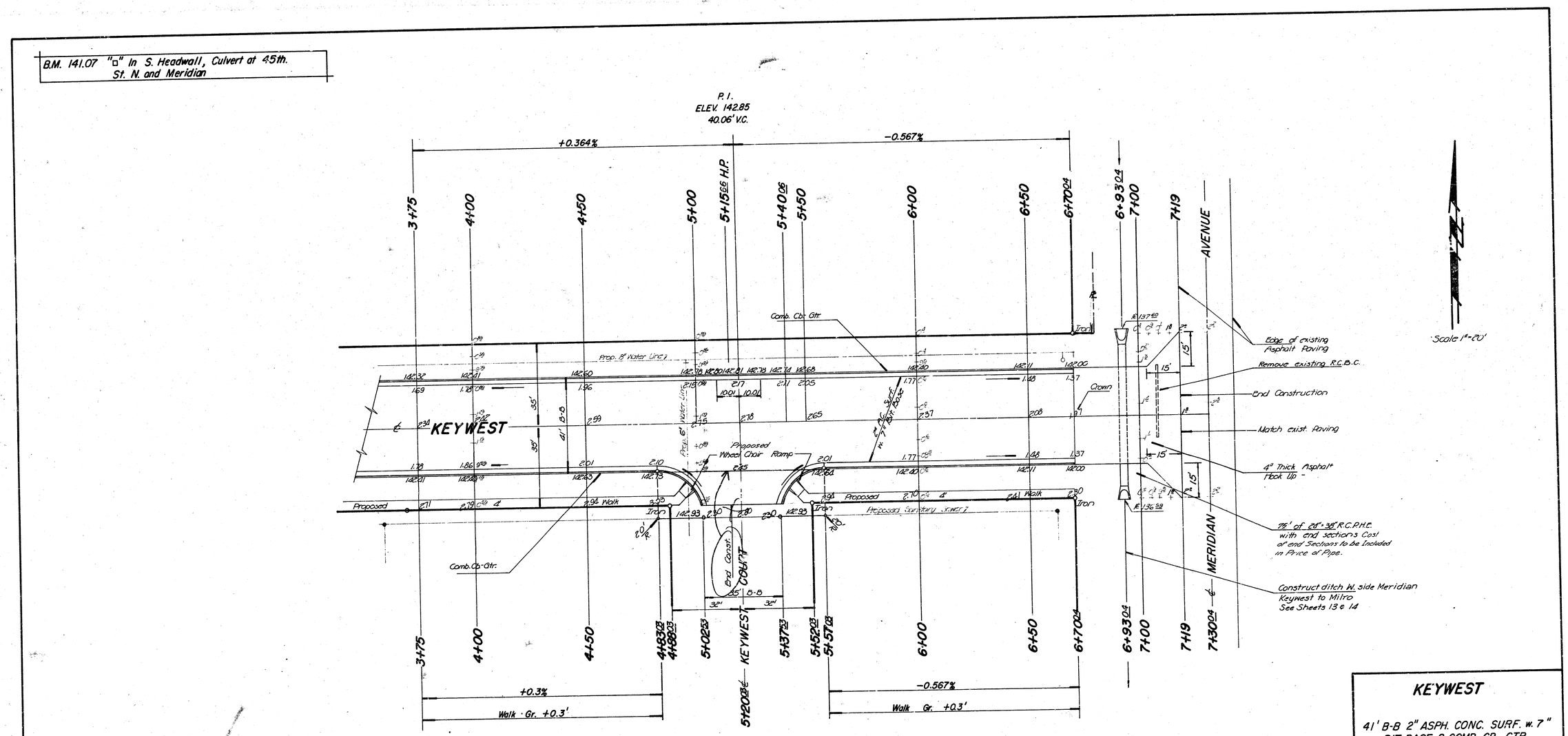
CITY of WICHITA, KANSAS

R.W. LINN — CITY ENGINEER

PROJECT NO. DAKS 577107

DATE: Jan. 27, 1978

B.M. 141.07 "□" In S. Headwall, Culvert at 45th. St. N. and Meridian



KEYWEST

41' B-B 2" ASPH. CONC. SURF. w. 7" BIT. BASE & COMB. CB.-GTR.

CITY of WICHITA, KANSAS

R.W. LINN CITY ENGINEER

PROJECT NO. DAKS 57.7107

DATE 3/125

B.M. 141.07 "D" in S. Headwall, Culvert at 45th. St. N. and Meridian

P.I. ELEV. 143.50 55 V.C.

Scale 1"=20'

+0.853%

Walk Gr. +0.3'

-0.3%

Walk Gr. +0.3'

0+00 0+05 0+50 1+00 1+50 2+00 2+30 60 2+58 10 2+71 29 H.P. 2+85 60 3+00 3+50 4+00 4+52 23 4+57 23 4+71 73 4+89 23 5+06 73 5+21 23 5+26 23 5+50

KEYWEST

BENTBAY

COBBLESTONE

COBBLESTONE COURT

4' Walk

Prop. 4" Water Line

Comb. Cb. Gtr.

Proposed Wide 3.12 3.48 3.76 3.80 3.55 Conc. Walk 3.36

Prop. 8" Water Line

Warp crown in 50'

Proposed Wide 3.12 3.20 d' Wide Conc. 3.05 Walk

Proposed Wheel Chair Ramp

No Crown

9" Valley Gutter 6" Conc. w. 3" Asph.

Wheel Chair Ramp (Proposed)

End Coast

Iron

35'

14.5'

20' R/W

35' B-B

32' 32'

COBBLESTONE AND MILRO

S.L. KEYWEST TO W.L. MERIDIAN

41' B-B 2" ASPH. CONC. SURF. w. 7" BIT. BASE & COMB. CB.-GTR.

CITY of WICHITA, KANSAS

R. W. LINN CITY ENGINEER

PROJECT NO. DAKS 577107

DATE: 4/12

B.M. 141.07 "□" in S. Headwall, Culvert at 45th. St. N. and Meridian

Scale 1"=20'

COBBLESTONE

BENTBAY

TIMBEROPEEN

Walk Grade +0.3'

-0.3%

+0.365%

-0.4%

P.I. ELEV. 142.29 NO V.C.

P.I. ELEV. 143.19 30' V.C.

P.I. ELEV. 143.18 30' V.C.

Walk Gr. +0.3'

-0.715%

Walk Grade +0.3'

32'

32'

35' B-B

End Typical Crown

Begin Typical Crown

Caution Contractor to exercise extreme caution when crossing pipeline

Comb. Cb. Gtr.

Proposed Wide Walk

Reduce Crown in 50'

1.66 H.E.F.L.

Proposed Wheel Chair Ramps

9" Valley Gutter 6" Conc. w. 3" Asph.

No Crown

End Const.

30' Warp Crown

Iron

Prop. Sanitary Sewer

5+50 6+03.82 6+50 7+00 7+50 8+00 8+35 8+50 8+65 9+00 9+50 10+00 10+20.23 10+25.23 10+39.73 10+57.23 10+74.73 10+89.23 10+94.23 11+04.23

5+90.1 5+95.1 6+09.6 6+27.1 6+44.6 6+59.1 6+64.1

-0.3% Walk Gr. -0.3'

+0.365% -0.4% Walk Gr. +0.3'

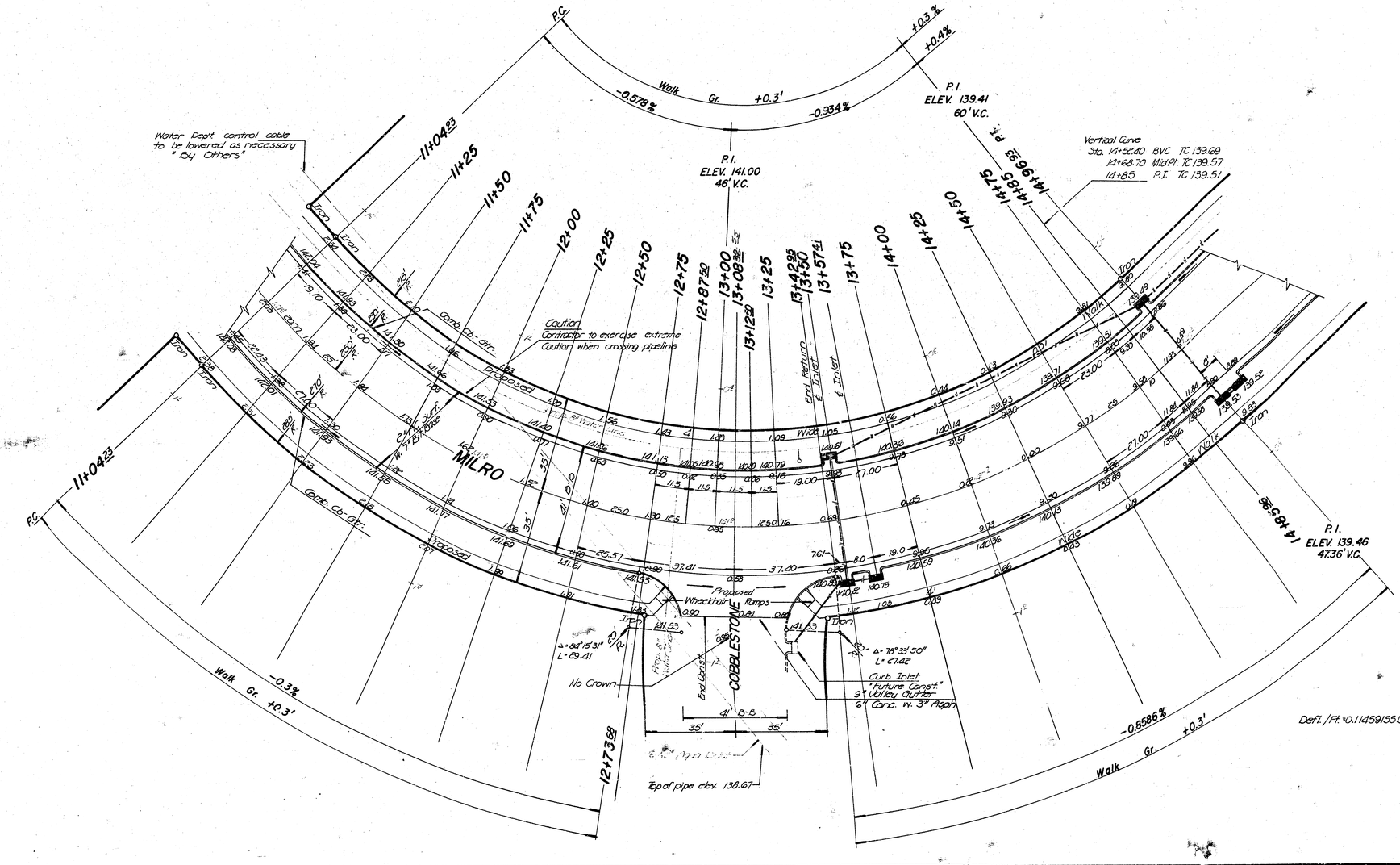
-0.3% Walk Grade +0.3'

COBBLESTONE AND MILRO

DAKS 577107

5/12

B.M. 141.07 "□" In S. Headwall, Culvert at 45th. St. N. and Meridian



Δ = 90° R= 25.0 T= 25.0 L= 39.270 LC= 35.355

CURVE DATA BASED ON ℄ RAD. Δ= 90°00'

STA.	℄ ARC.	CHORD LENGTH Δ OFF L.C.B.	CHORD LENGTH Δ OFF R.C.B.	DEFLECTION	TOTAL DEFLECTION
11+04.23	—	—	—	0°00'00"	0°00'00"
11+25	20.77	18.44	23.03	2°22'48"	2°22'48"
11+50	25.00	22.19	27.79	2°51'53"	5°14'41"
11+75	25.00	22.19	27.79	2°51'53"	8°06'34"
12+00	25.00	22.19	27.79	2°51'53"	10°58'27"
12+25	25.00	22.19	27.79	2°51'53"	13°50'20"
12+50	25.00	22.19	27.79	2°51'53"	16°42'13"
12+73.68	23.68	21.02	26.32	2°42'49"	19°25'02"
12+75	1.32	1.17	1.47	0°09'05"	19°34'07"
12+87.5	12.50	11.10	13.90	1°25'57"	21°00'04"
13+00	12.50	11.10	13.90	1°25'57"	22°26'01"
13+08.32	8.32	7.39	9.25	0°57'16"	23°23'13"
13+12.5	4.18	3.71	4.65	0°28'44"	23°51'57"
13+25	12.50	11.10	13.90	1°25'57"	25°17'54"
13+42.95	17.95	15.94	19.96	2°03'25"	27°21'19"
13+50	7.05	6.26	7.84	0°48'28"	28°09'47"
13+57.41	7.41	6.58	8.21	0°50'57"	28°00'44"
13+75	17.59	15.62	19.55	2°00'56"	31°01'40"
14+00	25.00	22.19	27.79	2°51'53"	33°53'33"
14+25	25.00	22.19	27.79	2°51'53"	36°45'26"
14+50	25.00	22.19	27.79	2°51'53"	39°37'19"
14+52.40	2.40	2.13	2.67	0°16'30"	39°53'49"
14+68.70	16.30	14.47	18.12	1°52'04"	41°45'53"
14+75	6.30	5.59	7.01	0°43'19"	42°29'12"
14+85	10.00	8.88	11.12	1°08'45"	43°37'57"
14+85.96	0.96	0.85	1.07	0°06'36"	43°44'33"
14+96.93	10.97	9.73	12.20	1°15'27"	45°00'00"

Defl./Ft. = 0.14159155 Deg.

COBBLESTONE AND MILRO
DAKS 577107

6/102

B.M. 141.07 "□" In S. Headwall, Culvert at 45th.. St. N. and Meridian

Walk Gr. +0.3'

+0.4%

P.I. ELEV. 139.41 60' V.C.

14+85 P.I. | 14+96.93 | 15+15.35 | 15+50 | 16+00 | 16+50 | 17+00 | 17+50 | 18+00 | 18+50 | 18+81.93

Const ditch W. side Meridian Keywest to Milro See Sheets 13 & 14

19+04.93 | 19+14.93 | 19+29.93 | 19+41.93

Scale 1"=20'

Std Type 1-A Inlet "By Others"

Comb. Co. Gtr.

Prop. 30" Storm Sewer Pipe "By Others"

Prop. 42" Storm Sewer Pipe "By Others"

Edge of existing Asphalt Paving

Prop Manhole

End Const.

Match Exist. Paving

4" Thick Asph. Hook Up

Conc. Headwall and Storm Sewer "By Others"

Std Type 1-A Inlets and Storm Sewer "By Others"

MILRO

MERIDIAN

14+96.93 | 15+20.67 | 15+50 | 16+00 | 16+50 | 17+00 | 17+50 | 18+00 | 18+50 | 18+81.93 | 19+04.93 | 19+14.93 | 19+29.93 | 19+41.93

P.I. ELEV. 139.46 47.36 V.C.

+0.4%

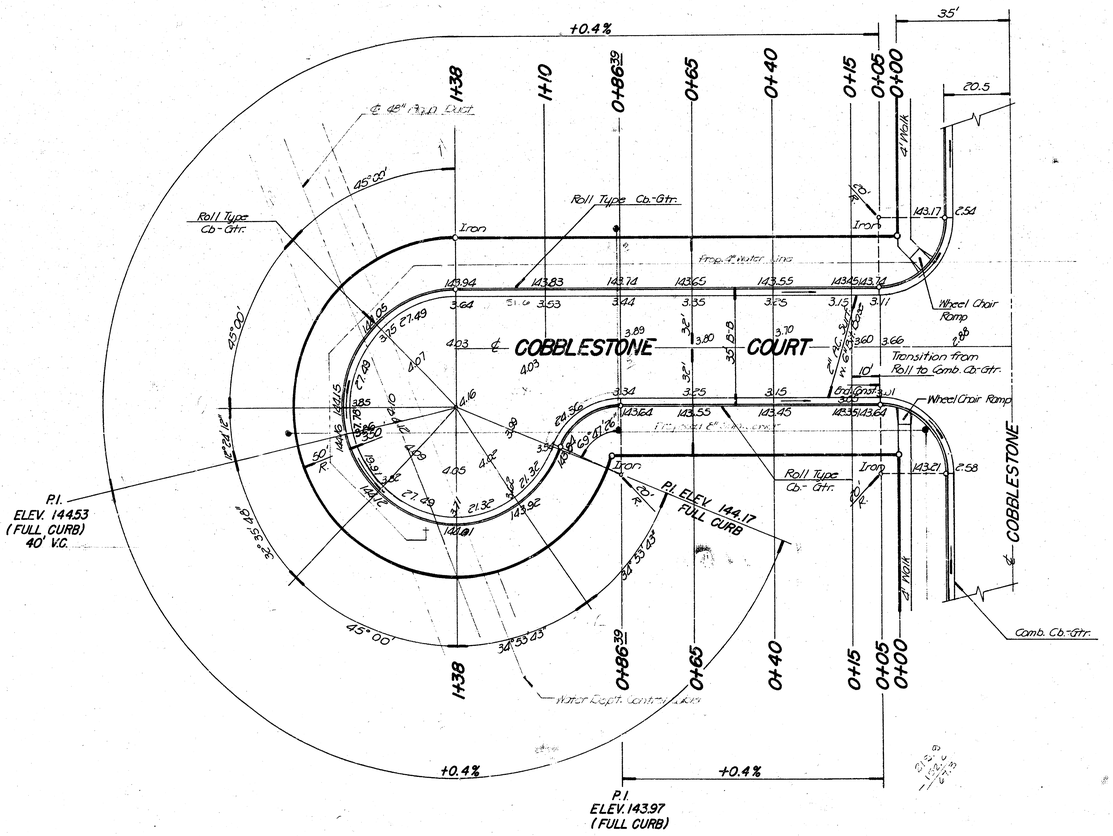
Walk Gr. 03'

COBBLESTONE AND MILRO

DAKS 577107

7/12

B.M. 141.07 "□" In S. Headwall, Culvert at 45th. St. N. and Meridian



Scale 1"=20'

COBBLESTONE CT.

35' B-B 2" ASPH. CONC. SURF. w. 6" BIT. BASE & COMB. CB.-GTR.

CITY of WICHITA, KANSAS

R.W. LINN CITY ENGINEER

PROJECT NO. DAKS 577107

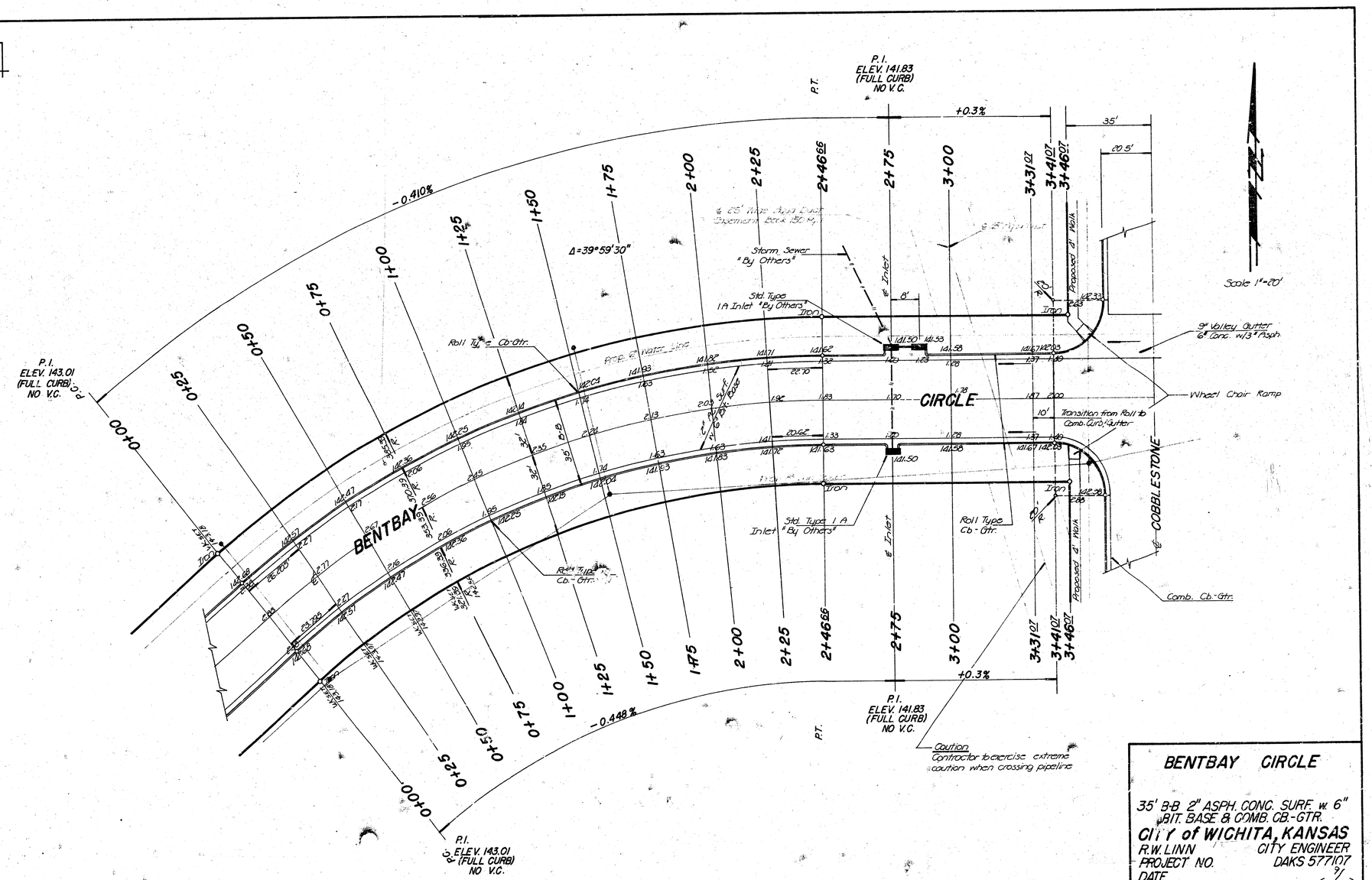
DATE 8/15

B.M. 141.07 "□" In S. Headwall, Culvert at 45th. St. N. and Meridian

Δ=39°59'30" R.= 353.39' T.= 128.59' L= 246.66' L.C.= 241.68'

CURVE DATA BASED ON ℄					RAD. Δ = 39°59'30"
STA.	℄ ARC.	CHORD LENGTH 8' OFF Lt. CB.	CHORD LENGTH 4' OFF Rt. CB.	DEFLECTION	TOTAL DEFLECTION
0+00	—	—	—	—	—
0+25	25.00	26.80	23.19	2°01'36"	2°01'36"
0+50	25.00	26.80	23.19	2°01'36"	4°03'12"
0+75	25.00	26.80	23.19	2°01'36"	6°04'48"
1+00	25.00	26.80	23.19	2°01'36"	8°06'24"
1+25	25.00	26.80	23.19	2°01'36"	10°08'00"
1+50	25.00	26.80	23.19	2°01'36"	12°09'36"
1+75	25.00	26.80	23.19	2°01'36"	14°11'12"
2+00	25.00	26.80	23.19	2°01'36"	16°12'48"
2+25	25.00	26.80	23.19	2°01'36"	18°14'24"
2+46.66	21.66	23.22	20.09	1°45'21"	19°59'45"

Defl. / Ft. = 0.08106593213°



BENTBAY CIRCLE

35' B-B 2" ASPH. CONC. SURF. w. 6" BIT. BASE & COMB. CB.-GTR.

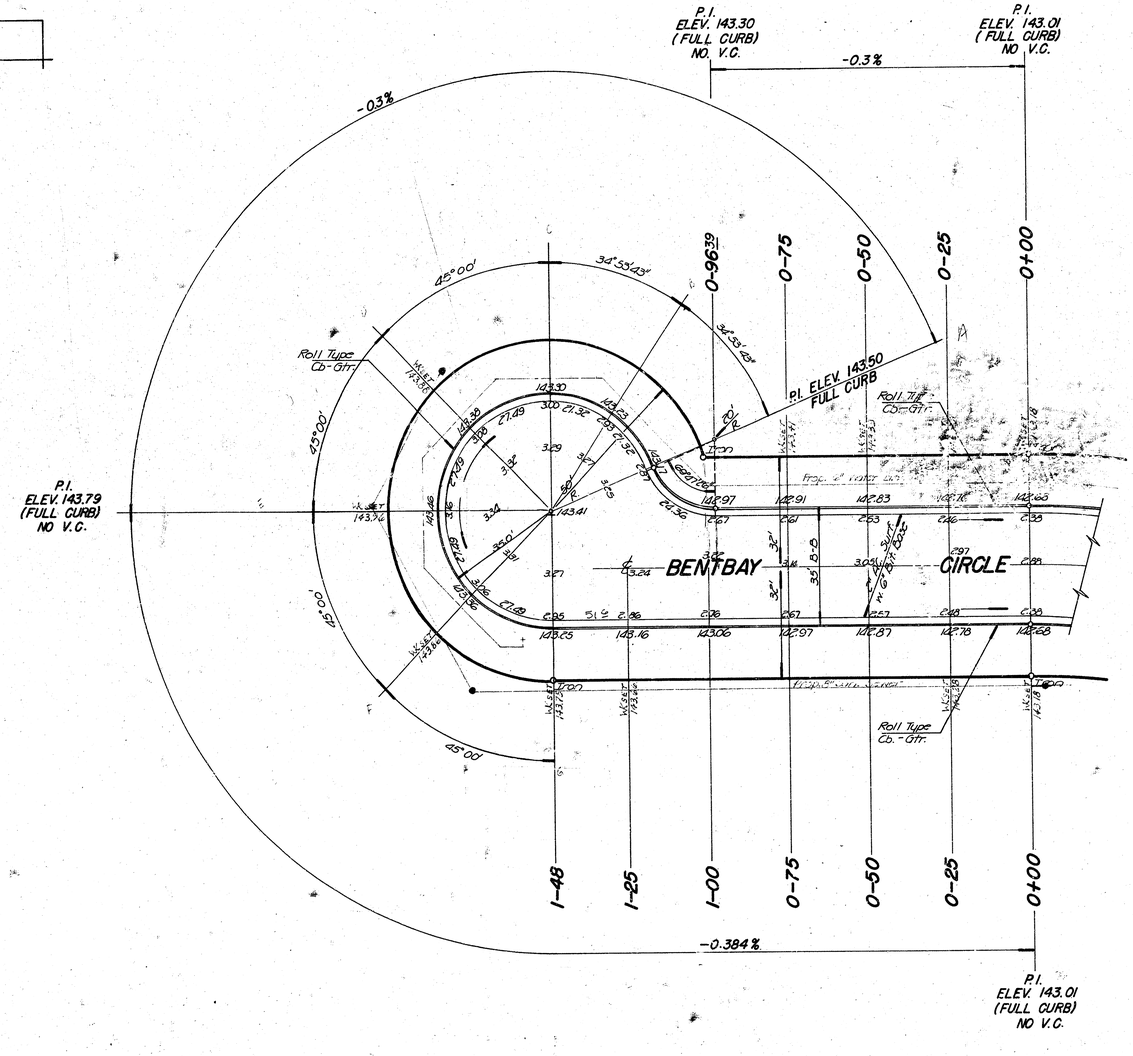
City of WICHITA, KANSAS

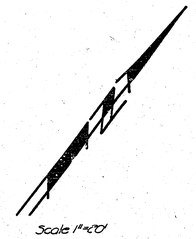
R.W. LINN — CITY ENGINEER

PROJECT NO. DAKS 577107

DATE 9/12

B.M. 141.07 "□" In S. Headwall, Culvert at 45th. St. N. and Meridian





BENTBAY CIRCLE
DAKS 577107

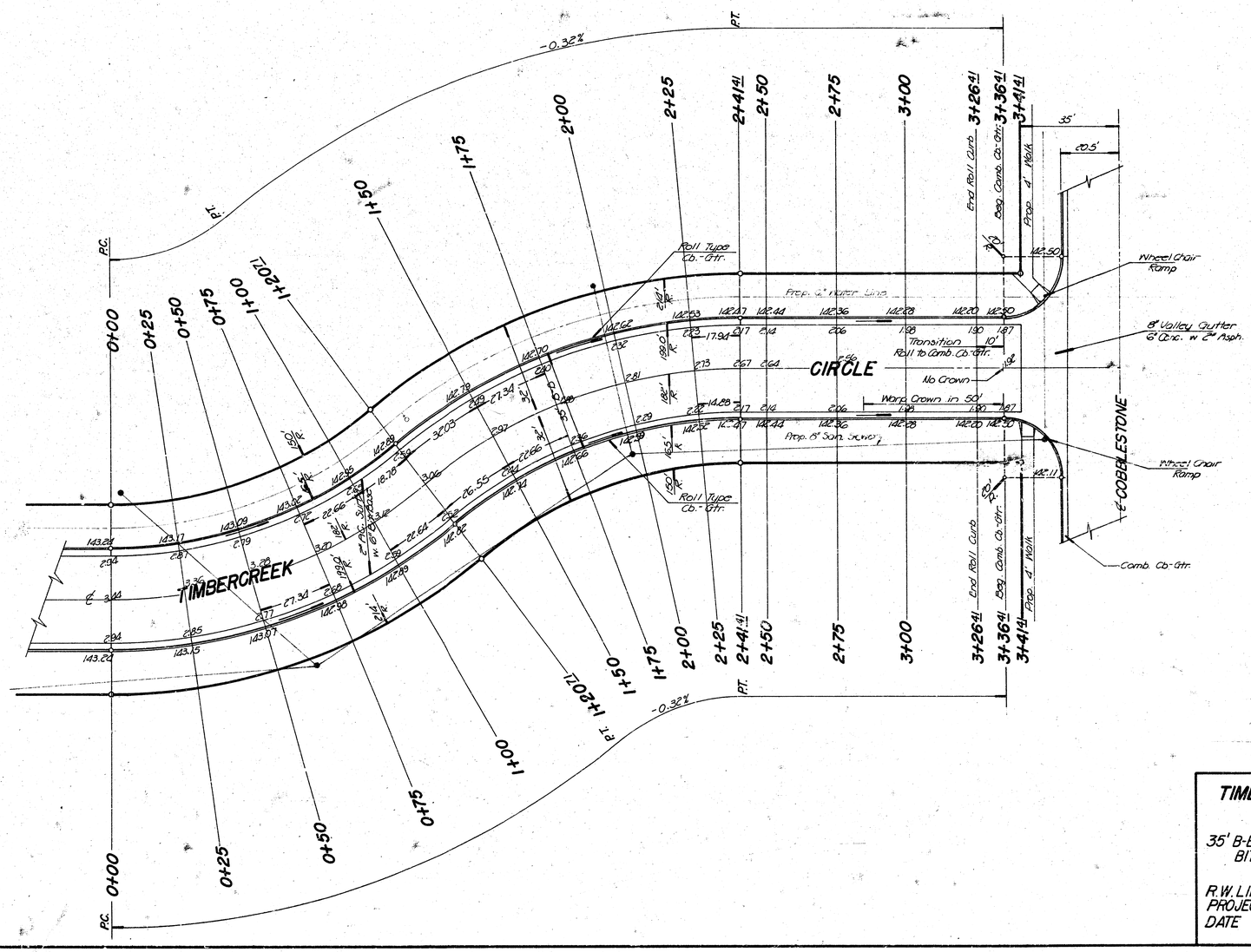
10/(123)

B.M. 141.07 "□" In S. Headwall, Culvert at 45th. St. N. and Meridian

Δ = 38°00'00" R. = 182 T. = 62.67 L. = 120.71 L.C. = 118.51

CURVE DATA BASED ON 18.2' RAD. Δ = 38°00'00"					
STA.	℄ ARC.	CHORD LENGTH Δ OFF Lt. CB.	CHORD LENGTH Δ OFF Rt. CB.	DEFLECTION	TOTAL DEFLECTION
0+00	—	—	—	—	—
0+25	25.00	21.48	28.48	3°56'06"	3°56'06"
0+50	25.00	21.48	28.48	3°56'06"	7°52'12"
0+75	25.00	21.48	28.48	3°56'06"	11°48'19"
1+00	25.00	21.48	28.48	3°56'06"	15°44'24"
1+20.71	20.71	17.80	23.60	3°15'36"	19°00'00"
1+20.71	—	—	—	—	—
1+50	29.29	33.36	25.16	4°36'38"	4°36'38"
1+75	25.00	28.48	21.48	3°56'07"	8°32'45"
2+00	25.00	28.48	21.48	3°56'07"	12°28'52"
2+25	25.00	28.48	21.48	3°56'07"	16°25'59"
2+41.41	16.41	18.70	14.11	2°35'01"	19°00'00"

Defl. / Ft. = 0.15740598°

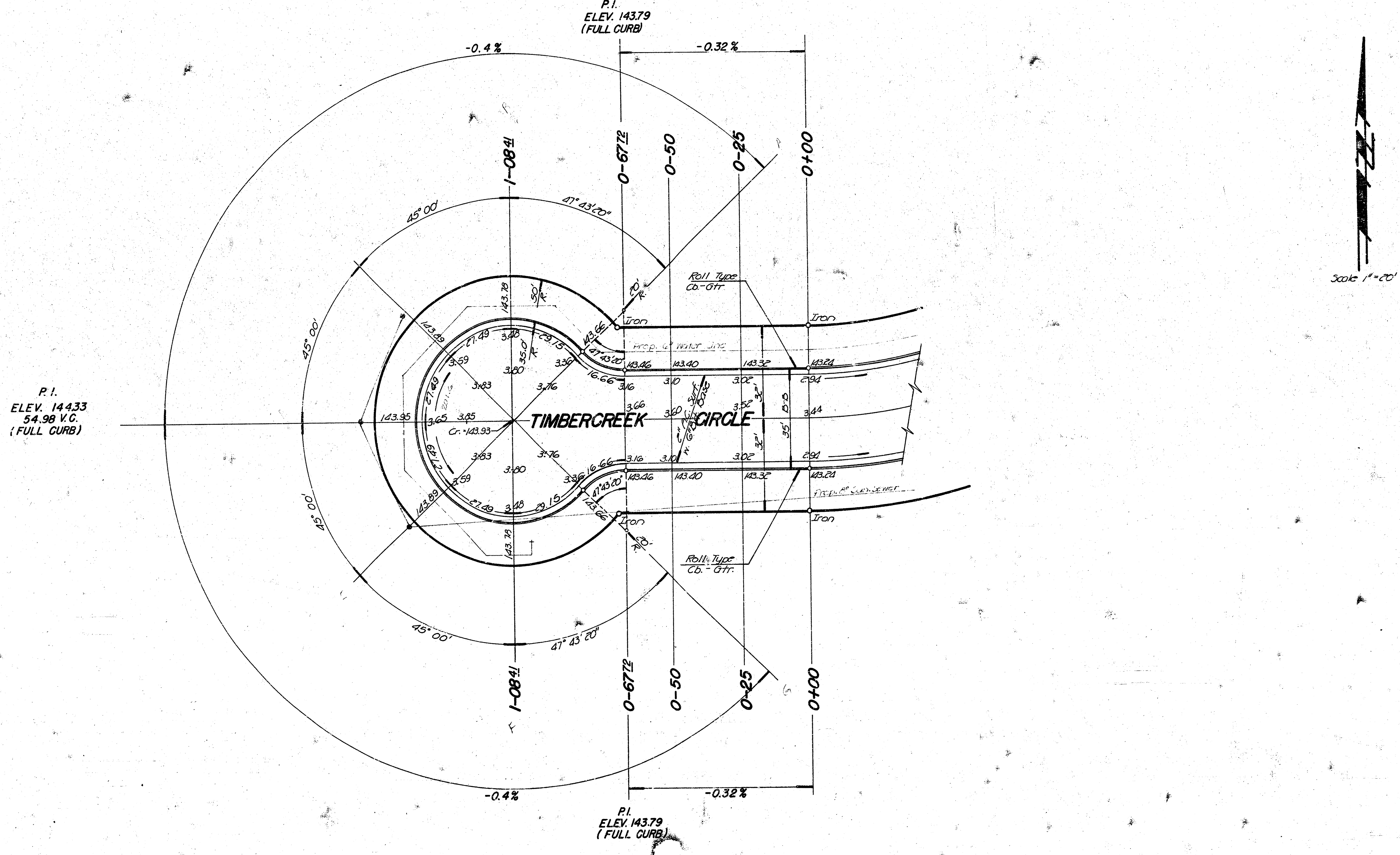


TIMBERCREEK CIRCLE

35' B-B 2" ASPH. CONC. SURF. w. 6" BIT. BASE & COMB. CB.-GTR.

R.W. LINN CITY ENGINEER
PROJECT NO. DAKS 577107
DATE 11/(25)

B.M. 141.07 "□" In S. Headwall, Culvert at 45 th. St. N. and Meridian



TIMBERCREEK CIRCLE
DAKS 577107