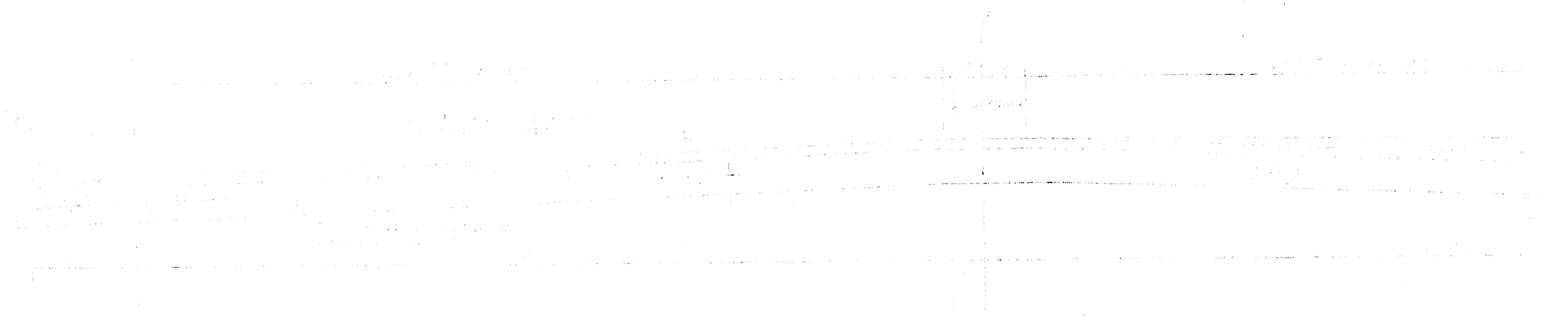
BRECKENRIDGE

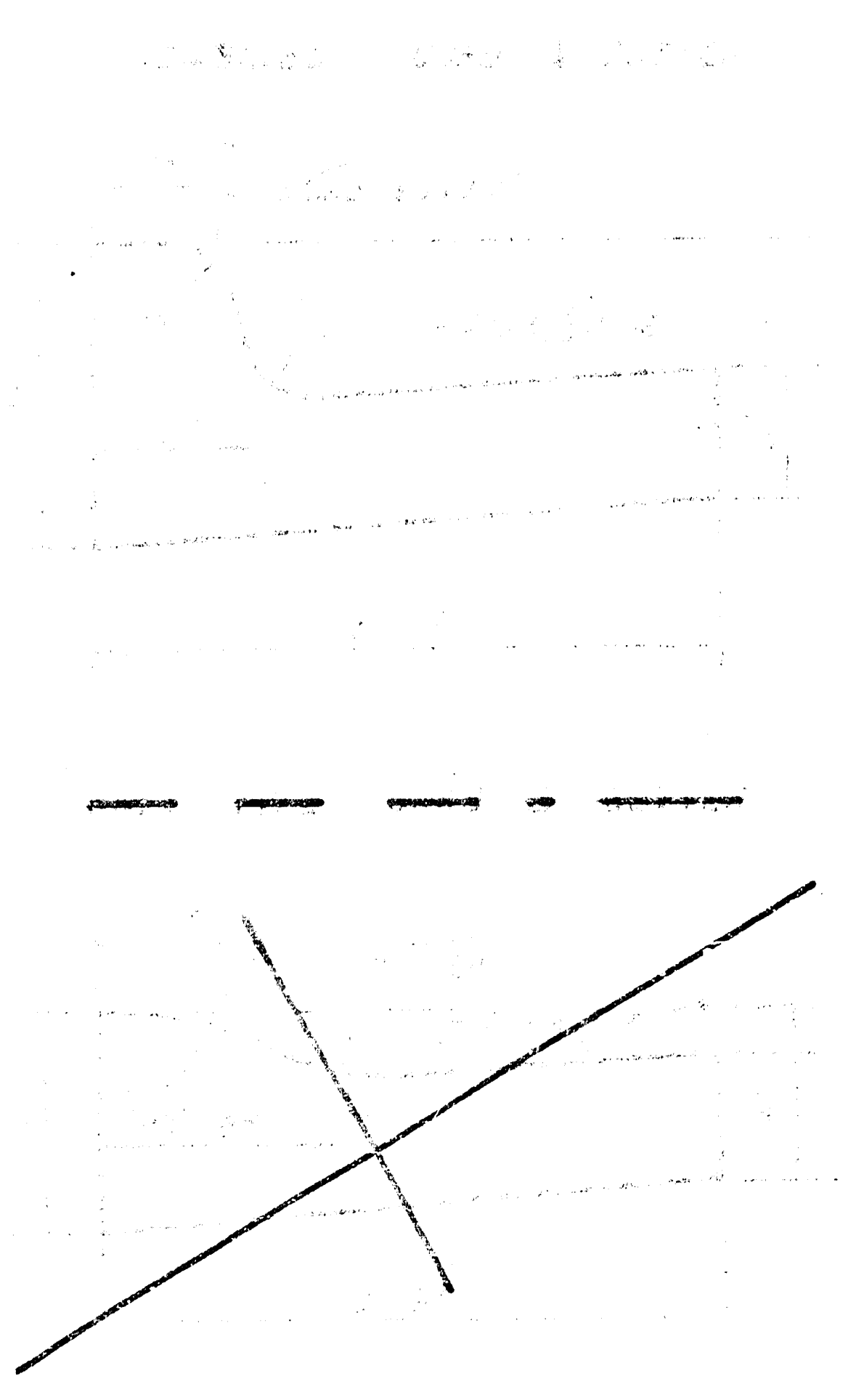
N.L. HARRY ST. to N.L. QUAIL MEADOWS 2nd ADDN.



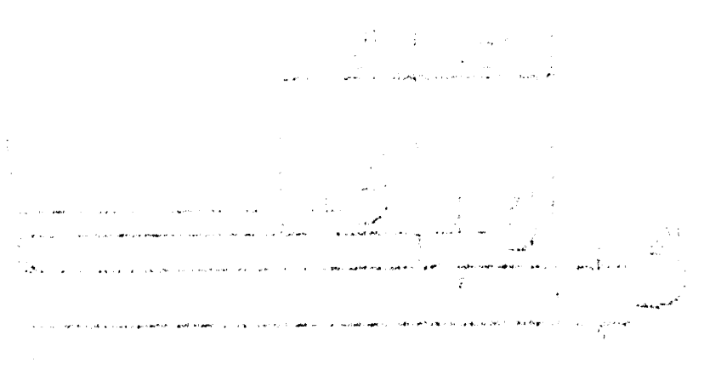
TYPICAL SECTION

[illegible] ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

[illegible]



DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



[illegible]

B.M. 161.82 City Std. 92' W. & 48' S. of 1/4 Sec. Cor.,
1/2 Mi. E. of Rock Rd. on Harry.

Baseline is ℄ Breckenridge.

Note: Ties to be taken on all "Irons" and any moved or destroyed during construction to be replaced.

Earthwork Quanities

Property
Excavation = 3332.2 CY.
+ 10 % = 333.2 CY.
Total = 3665.4 CY.
Comp. Fill = 67.1 CY
+ 10 % = 6.7 CY
Total = 73.8 CY
Manipulation = 7427.8 SY.

City
Excavation = 231.5 CY
+ 10 % = 23.2 CY
Total = 254.7 CY
Comp. Fill = 0
Manipulation = 472.8 SY

Scale:
1" = 20'

HARRY STREET
℄
BRECKENRIDGE
℄
0+00
0+50
1+00
1+50
2+00
2+50
2+80
3+00
3+25
3+50
3+75
4+00
4+25
4+50
4+75
5+00
P.C.
P.C.
0+03.93
0+03.93
+0.271 %
+0.3 Wk.
+0.247 %
+0.7 Wk.
+0.3 Wk.
Warp Wk
+0.3 to +0.7
Warp Wk
+0.7 to +0.3
+0.3 Wk.
Iron
Iron
Iron
Iron
Proposed 7' Walk
Proposed 7' Walk
2" AC Pavement w. 7" Bit. Base
Comb. Cb-Gtr.
Constr. 4" Asph. "Hookup"
Match Existg. Pavmt.
Contractor to re-grade drainage ditch
Adjust SWS Inlet. Elev. 174.50 T.C.
Full Crown
20.4'
15'
15'
50'
174.46 T.C.
174.50 T.C.
9.76
9.76
9.79
9.54
9.95
9.88
3.75
174.58
4.57
9.97
174.61
9.91
9.80
5.02
5.16
5.29
5.43
5.51
174.72
174.86
174.99
175.13
175.21
4.07
4.23
4.36
4.50
4.56
4.70
4.83
4.96
5.09
5.17
4.11
4.23
4.23
4.18
4.55
174.74
174.86
174.98
175.11
175.18
5.04
5.56
5.68
5.81
5.88
315
330
350
370
385

BRECKENRIDGE

N.L. Harry St. to N.L. Quail
41' BB - 7" Bit. Base w. 2" AC - Comb.

CITY of WICHIT

R.W. Linn ______ City Eng
Project No. ______ DAKC 57

Date : ______

5+00
5+25
5+50
5+75
6+00
6+25
6+50
6+75
7+07.61
7+50
8+00
8+50
9+00
9+50
+0.271 %
+0.3 Wk.
P. I.
Elev. 176.30
40' VC
P.T.
-0.834 %
Warp Wk.
+0.3 to +0.7
Scale:
1" = 20'
2" AC Pavement
w. 7" Bit. Base
H.P.
6+76.50
H.P.
6+97.35
Proposed
BRECKENRIDGE
Comb. Cb.-Gtr.
+0.247 %
+0.3 Wk.
P.T.
-0.834 %
+0.7 Wk.
P. I.
Elev. 176.30
40' VC
Warp Wk.
+0.3 to +0.7

Δ = 70°00' R. = 350' T. = 245.07' L. = 427.61' L.C. = 401.50'

℄

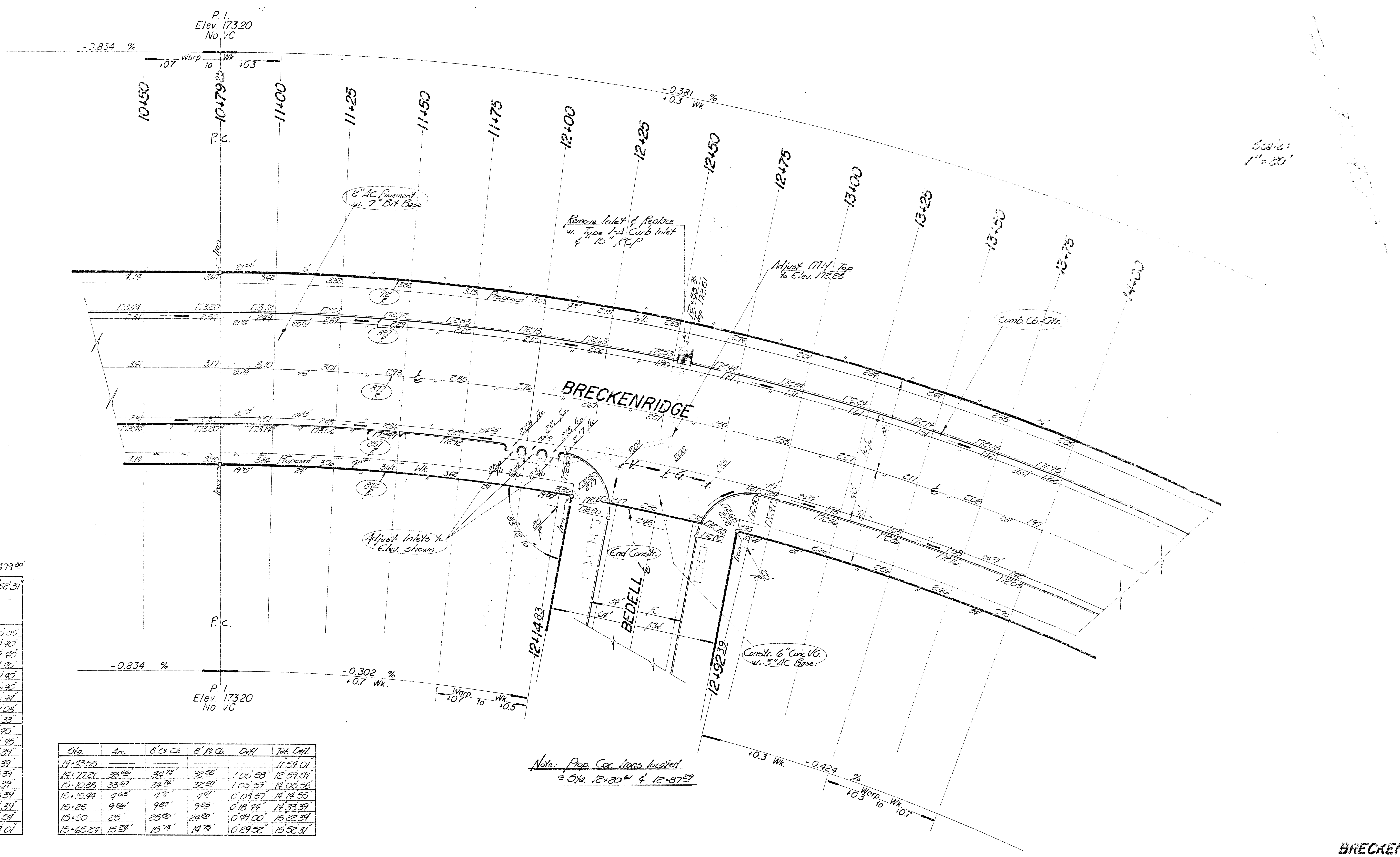
½ 35°00'

		8' Lt.	8' Rt.		
2+80	———	———	———	0° 0' 00"	0° 0' 00"
3+00	20'	18.40'	21.60'	1° 38' 13"	1° 38' 13"
3+25	25'	23.00'	26.99'	2° 02' 47"	3° 41' 00"
3+50	✓	✓	✓	2° 02' 46"	5° 43' 46"
3+75	✓	✓	✓	2° 02' 47"	7° 46' 33"
4+00	✓	✓	✓	2° 02' 47"	9° 49' 20"
4+25	✓	✓	✓	2° 02' 46"	11° 52' 06"
4+50	✓	✓	✓	2° 02' 47"	13° 54' 53"
4+75	✓	✓	✓	2° 02' 46"	15° 57' 39"
5+00	✓	✓	✓	2° 02' 46"	18° 00' 26"

Defl./Ft. = 4.9110663 Min.

Sta.	Arc.	8' Lt. Cb.	8' Rt. Cb.	Defl.	Tot. Defl.
5+00	———	———	———	———	18° 00' 26"
5+25	25'	23.00'	26.99'	2° 02' 47"	20° 03' 13"
5+50	✓	✓	✓	2° 02' 46"	22° 05' 59"
5+75	✓	✓	✓	2° 02' 47"	24° 08' 46"
6+00	✓	✓	✓	2° 02' 46"	26° 11' 32"
6+25	✓	✓	✓	2° 02' 47"	28° 14' 19"
6+50	✓	✓	✓	2° 02' 47"	30° 17' 06"
6+75	✓	✓	✓	2° 02' 46"	32° 19' 52"
7+07.61	32.61'	29.99'	35.21'	2° 40' 09"	35° 00' 00"

BRECKENRIDGE
DAKC 574038


P.I.
Elev. 173.20
No VC
-0.834 %
Warp to Wk.
+0.7
+0.3
10+50
10+79.25
11+00
11+25
11+50
11+75
12+00
12+25
12+50
12+75
13+00
13+25
13+50
13+75
14+00
P.C.
-0.381 %
+0.3 Wk.
Scale:
1" = 20'
2" AC Pavement
w. 7" Bit Base
Remove Inlet & Replace
w. Type 1-A Curb Inlet
& 15" RCP
Adjust MH Top
to Elev. 172.88
Comb. Cb.-Gtr.
Proposed
Wk.
Iron
BRECKENRIDGE
Adjust Inlets to
Elev. shown
End Constr.
BEDELL
℄
R/W
Constr. 6" Conc. VG.
w. 3" AC Base
12+14.83
12+92.39
P.C.
-0.834 %
P.I.
Elev. 173.20
No VC
-0.302 %
+0.7 Wk.
Warp to Wk.
+0.7
+0.5
+0.3 Wk.
-0.424 %
Warp to Wk.
+0.3
+0.7

Note: Prop. Cor. Irons located
@ Sta. 12+20.61 & 12+87.39

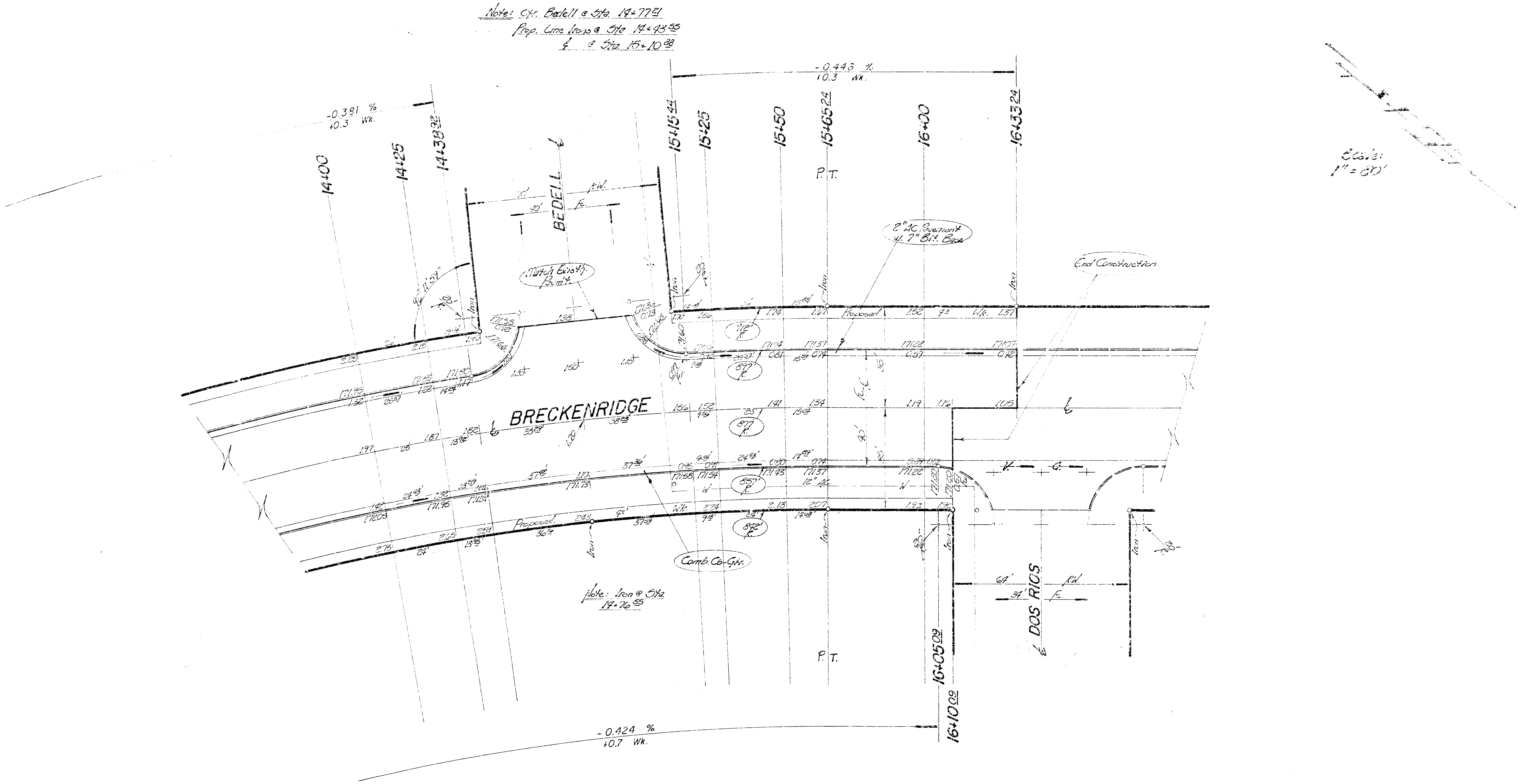
Δ = 31°45'02" R. = 877' T. = 249.41' L. = 485.99' LC = 479.80'

				℄	1/2 15°52'31"
		8' Lt	8' Rt		
10+79.25	——	——	——	0°00'00"	0°00'00"
11+00	20.75	21.41'	20.09'	0°40'40"	0°40'40"
11+25	25'	25.80'	24.20'	0°49'00"	1°29'40"
11+50	〃	〃	〃	0°49'00"	2°18'40"
11+75	〃	〃	〃	0°49'00"	3°07'40"
12+00	〃	〃	〃	0°49'00"	3°56'40"
12+17.83	17.83'	15.30	14.36'	0°29'09"	4°25'44"
12+20.61	5.78'	5.96'	5.60'	0°11'19"	4°37'03"
12+57.09	36.48'	37.64'	35.31'	1°11'30"	5°48'33"
12+87.29	30.20'	31.16'	29.23'	0°59'12"	6°47'45"
12+92.39	5.10'	5.26'	4.94'	0°10'00"	6°57'45"
13+00	7.61'	7.85'	7.37'	0°14'54"	7°12'39"
13+25	25'	25.80'	24.20'	0°49'00"	8°01'39"
13+50	〃	〃	〃	0°49'00"	8°50'39"
13+75	〃	〃	〃	0°49'00"	9°39'39"
14+00	〃	〃	〃	0°49'00"	10°28'39"
14+25	〃	〃	〃	0°49'00"	11°17'39"
14+38.90	13.90'	14.34'	13.46'	0°27'15"	11°44'54"
14+43.55	4.65'	4.80'	4.50'	0°09'07"	11°54'01"

Defl. / Ft. = 1.9599468 Min.

Sta.	Arc	8' Lt Cb.	8' Rt Cb.	Defl.	Tot. Defl.
14+43.55	——	——	——	——	11°54'01"
14+77.21	33.66'	34.73'	32.58'	1°05'58"	12°59'59"
15+10.88	33.67'	34.74'	32.59'	1°05'59"	14°05'58"
15+15.44	4.65'	4.71'	4.41'	0°08'57"	14°14'55"
15+25	9.56'	9.87'	9.25'	0°18'44"	14°33'39"
15+50	25'	25.80'	24.20'	0°49'00"	15°22'39"
15+65.24	15.24'	15.73'	14.75'	0°29'52"	15°52'31"

BRECKENRIDGE
OAKC 574038



Note: Ctr. Bedell @ Sta. 14+77.21
Prop. Line Irons @ Sta. 14+93.55
℄ @ Sta. 15+10.88

Note: Iron @ Sta. 14+76.55

Scale:
1" = 60'

-0.381 %
10.3 Wk.
-0.448 %
10.3 Wk.
-0.424 %
10.7 Wk.
14+00
14+25
14+38.32
15+15.44
15+25
15+50
15+65.24
16+00
16+33.24
16+05.09
16+10.09
P.T.
P.T.
BEDELL
℄
R/W
Fc.
BRECKENRIDGE
℄
DOS RIOS
℄
64' R/W
34' Fc.
Match Exist'g. Pavm't.
2" AC Pavement
w. 7" Bit. Base
End Construction
Comb. Co-Gtr.
Proposed
Wk.
Iron
V-G.
W

BRECKENRIDGE
DAKC 574038