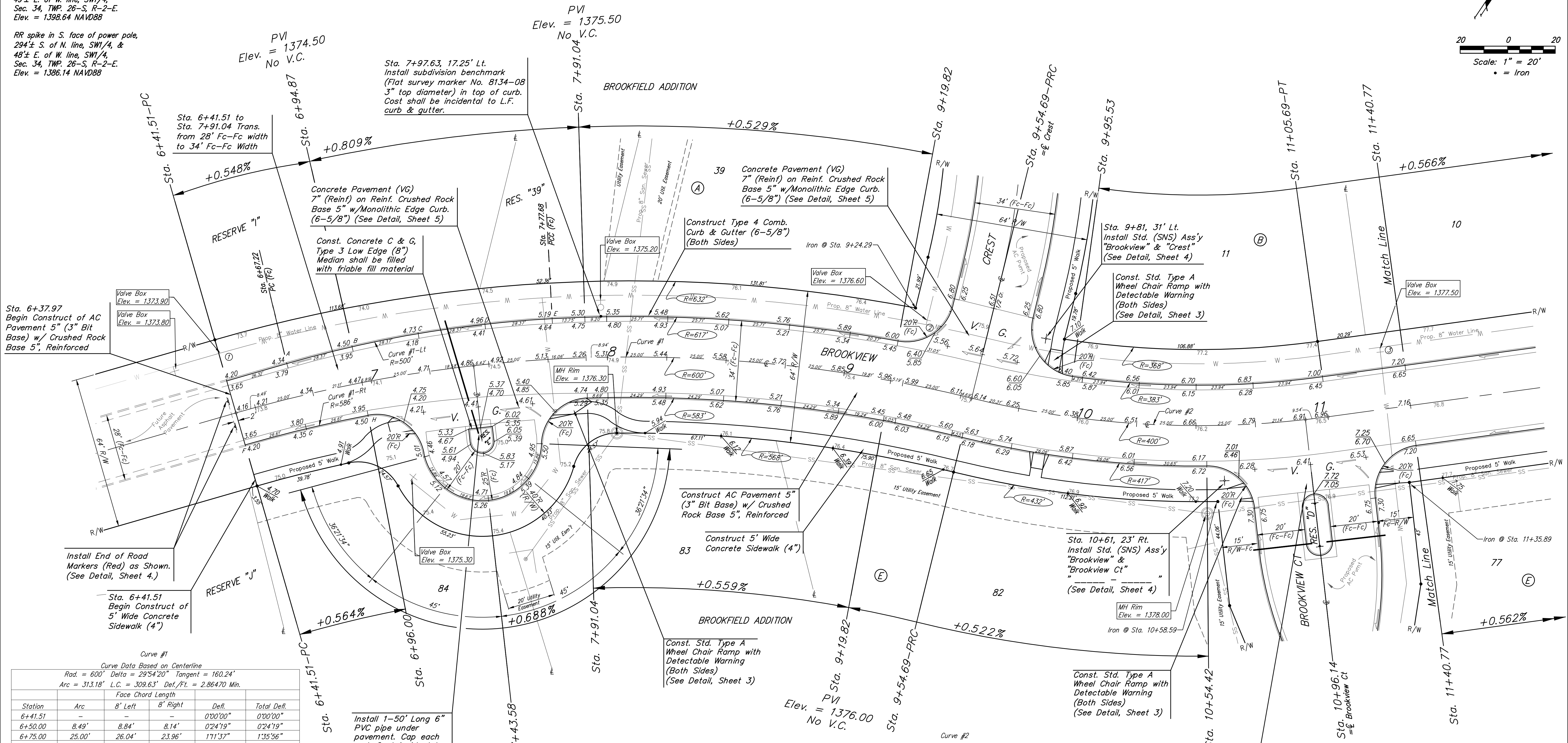
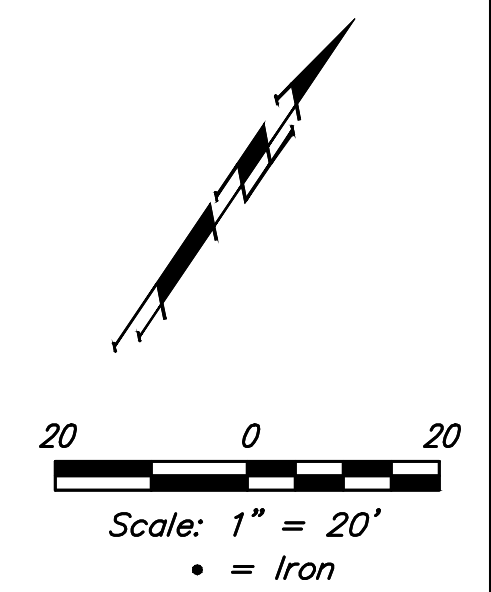


**BENCHMARKS:**  
 RR spike in asphalt, SW COR., N1/2, SW1/4, Sec. 34, TWP. 26-S, R-2-E. Elev. = 1400.59 NAVD88

RR spike in E. face of power pole, 174± N. of S. line, N1/2, SW1/4 & 49± E. of W. line, SW1/4, Sec. 34, TWP. 26-S, R-2-E. Elev. = 1398.64 NAVD88

RR spike in S. face of power pole, 294± S. of N. line, SW1/4, & 48± E. of W. line, SW1/4, Sec. 34, TWP. 26-S, R-2-E. Elev. = 1386.14 NAVD88



Sta. 6+37.97  
 Begin Construct of AC Pavement 5" (3" Bit Base) w/ Crushed Rock Base 5", Reinforced

Install End of Road Markers (Red) as Shown. (See Detail, Sheet 4.)

Sta. 6+41.51  
 Begin Construct of 5' Wide Concrete Sidewalk (4")

Concrete Pavement (VG) 7" (Reinf) on Reinf. Crushed Rock Base 5" w/Monolithic Edge Curb. (6-5/8") (See Detail, Sheet 5)

Const. Concrete C & G, Type 3 Low Edge (8") Median shall be filled with friable fill material

Construct Type 4 Comb. Curb & Gutter (6-5/8") (Both Sides)

Construct AC Pavement 5" (3" Bit Base) w/ Crushed Rock Base 5", Reinforced

Construct 5' Wide Concrete Sidewalk (4")

Const. Std. Type A Wheel Chair Ramp with Detectable Warning (Both Sides) (See Detail, Sheet 3)

Sta. 9+81, 31' Lt. Install Std. (SNS) Ass'y "Brookview" & "Crest" (See Detail, Sheet 4)

Const. Std. Type A Wheel Chair Ramp with Detectable Warning (Both Sides) (See Detail, Sheet 3)

Sta. 10+61, 23' Rt. Install Std. (SNS) Ass'y "Brookview" & "Brookview Ct" (See Detail, Sheet 4)

Const. Std. Type A Wheel Chair Ramp with Detectable Warning (Both Sides) (See Detail, Sheet 3)

Install 1-50' Long 6" PVC pipe under pavement. Cap each end. Cost incidental to Pavement Cost.

Curve #1  
 Curve Data Based on Centerline  
 Rad. = 600' Delta = 29°54'20" Tangent = 160.24'  
 Arc = 313.18' L.C. = 309.63' Def./Ft. = 2.86470 Min.

Station	Arc	8' Left	8' Right	Defl.	Total Defl.
6+41.51	-	-	-	0'00'00"	0'00'00"
6+50.00	8.49'	8.84'	8.14'	0'24'19"	0'24'19"
6+75.00	25.00'	26.04'	23.96'	1'11'37"	1'35'56"
6+96.12	21.12'	22.00'	20.24'	1'00'30"	2'36'26"
7+00.00	3.88'	4.04'	3.72'	0'11'07"	2'47'33"
7+25.00	25.00'	26.04'	23.96'	1'11'37"	3'59'10"
7+50.00	25.00'	26.04'	23.96'	1'11'37"	5'10'47"
7+75.00	25.00'	26.04'	23.96'	1'11'37"	6'22'25"
7+91.04	16.04'	16.71'	15.37'	0'45'57"	7'08'22"
8+00.00	8.96'	9.33'	8.59'	0'25'40"	7'34'02"
8+25.00	25.00'	26.04'	23.96'	1'11'37"	8'45'39"
8+50.00	25.00'	26.04'	23.96'	1'11'37"	9'57'16"
8+75.00	25.00'	26.04'	23.96'	1'11'37"	11'08'53"
9+00.00	25.00'	26.04'	23.96'	1'11'37"	12'20'30"
9+19.82	19.82'	20.64'	18.99'	0'56'46"	13'17'16"
9+25.00	5.18'	5.40'	4.96'	0'14'51"	13'32'07"
9+50.00	25.00'	26.04'	23.96'	1'11'37"	14'43'44"
9+54.69	4.69'	4.89'	4.49'	0'13'26"	14'57'10"

Curve #1-Lt  
 Curve Data Based on Face of Curb  
 Rad. = 500' Delta = 13°00'10" Tangent = 56.98'  
 Arc = 113.48' L.C. = 113.23' Def./Ft. = 3.43746 Min.

Station	Arc	8' Left	Defl.	Total Defl.
A	-	-	0'00'00"	0'00'00"
B	28.37'	28.82'	1'37'31"	1'37'31"
C	28.37'	28.82'	1'37'32"	3'15'03"
D	28.37'	28.82'	1'37'31"	4'52'34"
E	28.37'	28.82'	1'37'31"	6'30'05"

Curve #1-Rt  
 Curve Data Based on Face of Curb  
 Rad. = 586' Delta = 51°21'00" Tangent = 26.62'  
 Arc = 53.22' L.C. = 53.19' Def./Ft. = 2.93279 Min.

Station	Arc	8' Right	Defl.	Total Defl.
F	-	-	0'00'00"	0'00'00"
G	26.61'	26.24'	1'18'02"	1'18'02"
H	26.61'	26.24'	1'18'03"	2'36'05"

Curve #2  
 Curve Data Based on Centerline  
 Rad. = 400' Delta = 21°37'45" Tangent = 76.41'  
 Arc = 151.00' L.C. = 150.11' Def./Ft. = 4.29719 Min.

Station	Arc	8' Left	8' Right	Defl.	Total Defl.
9+54.69	-	-	-	0'00'00"	0'00'00"
9+75.00	20.31'	19.04'	21.58'	1'27'17"	1'27'17"
9+95.53	20.53'	19.24'	21.81'	1'28'13"	2'55'30"
10+00.00	4.47'	4.19'	4.75'	0'19'12"	3'14'42"
10+25.00	25.00'	23.43'	26.56'	1'47'26"	5'02'08"
10+50.00	25.00'	23.43'	26.56'	1'47'26"	6'49'34"
10+54.42	4.42'	4.14'	4.70'	0'18'59"	7'08'33"
10+75.00	20.58'	19.29'	21.86'	1'28'27"	8'37'00"
11+00.00	25.00'	23.43'	26.56'	1'47'25"	10'24'25"
11+05.69	5.69'	5.33'	6.05'	0'24'27"	10'48'52"

Concrete Pavement (VG) 7" (Reinf) on Reinf. Crushed Rock Base 5" w/Monolithic Edge Curb. (6-5/8") (See Detail, Sheet 5)

**Baughman** Brookfield Addition - Phase I  
**BROOKVIEW**  
 Sta. 6+41.51 to Sta. 11+40.77

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-85344	DESIGN AEG	DRAWN JAK
REVISIONS:	APPROVED	DATE 6/30/17
SCALE Noted		SHEET <b>7 OF 56</b>

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