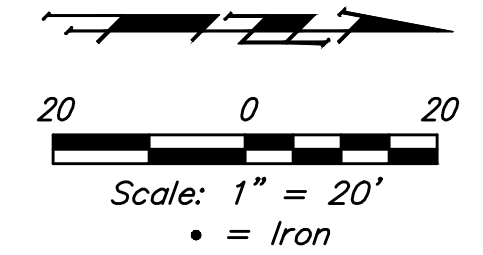


BENCHMARKS:
 BM #1: CITY OF WICHITA DISC - WEST END OF CONCRETE HEADWALL OF REINFORCED CONCRETE BOX CULVERT, SOUTHEAST CORNER OF JACKSON HEIGHTS AND CENTRAL, 66.7' EAST & 11.6' NORTH OF THE NORTHEAST CORNER OF RESERVE "C", FRONTGATE ADDITION. ELEV. = 1349.46 NAVD88

BM #2: SQUARE CUT ON TOP OF REINFORCED CONCRETE BOX CULVERT, 19.2' WEST & 24.7' NORTH OF THE NORTHWEST CORNER OF RESERVE "B", FRONTGATE ADDITION. ELEV. = 1351.80 NAVD88



Curve #1L
 Curve Data Based on Face of Curb
 Rad. = 73' Delta = 28°06'02" Tangent = 18.27'
 Arc = 35.80' L.C. = 35.44' Def./Ft. = 23.54795 Min.

Station	Arc	8' Left	Defl.	Total Defl.
A	-	-	0'00"00"	0'00"00"
B	17.90'	15.90'	7'01"30"	7'01"30"
C	17.90'	15.90'	7'01"31"	14'03"01"

Curve #1R
 Curve Data Based on Face of Curb
 Rad. = 123' Delta = 25°15'26" Tangent = 27.56'
 Arc = 54.21' L.C. = 53.78' Def./Ft. = 13.97743 Min.

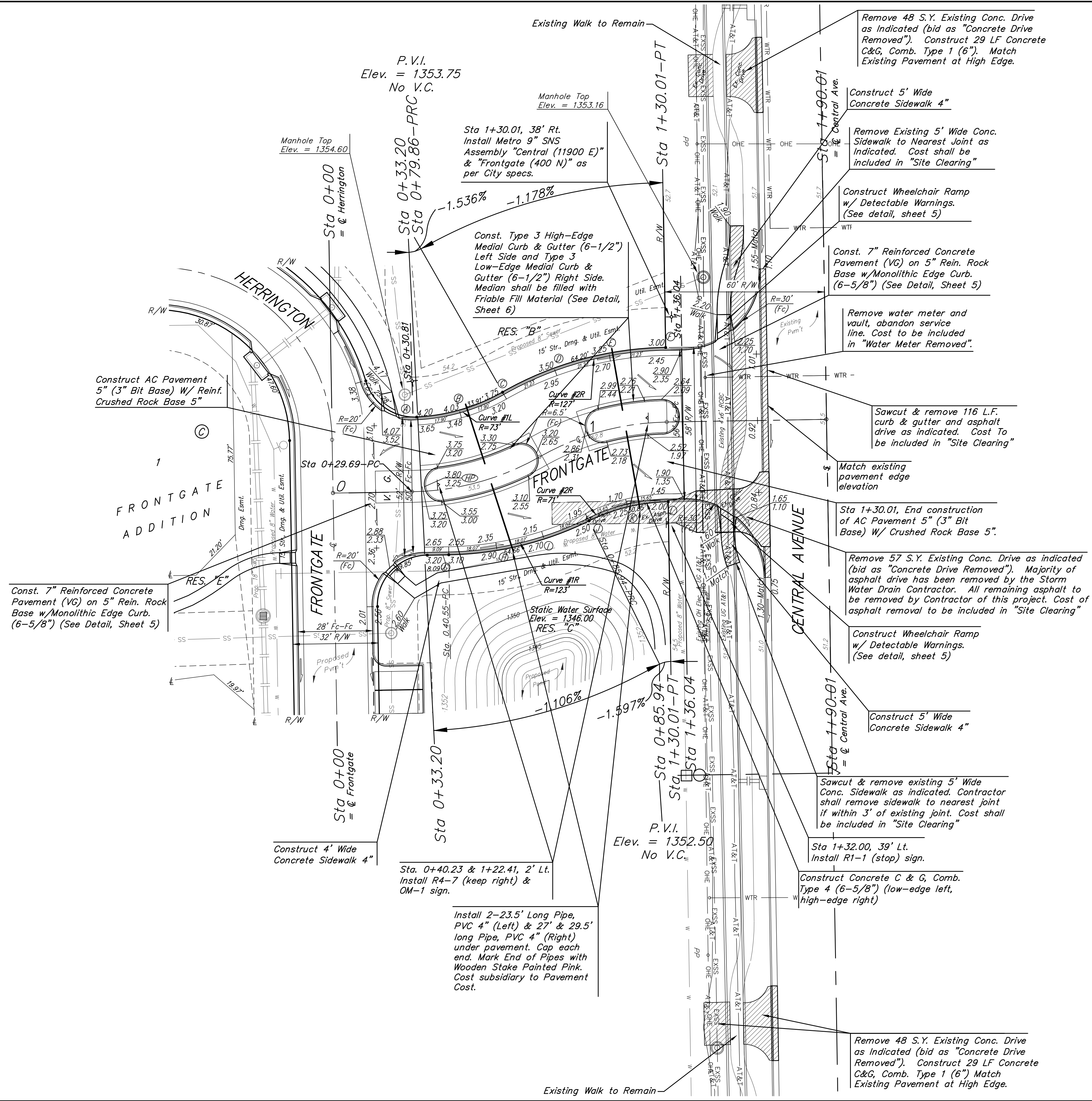
Station	Arc	8' Right	Defl.	Total Defl.
G	-	-	0'00"00"	0'00"00"
H	18.07'	19.23'	4'12"34"	4'12"34"
I	18.07'	19.23'	4'12"35"	8'25"09"
J	18.07'	19.23'	4'12"34"	12'37"43"

Curve #2L
 Curve Data Based on Face of Curb
 Rad. = 127' Delta = 28°44'13" Tangent = 32.53'
 Arc = 63.69' L.C. = 63.03' Def./Ft. = 13.53601 Min.

Station	Arc	8' Left	Defl.	Total Defl.
C	-	-	0'00"00"	0'00"00"
D	21.23'	22.54'	4'47"22"	4'47"22"
E	21.23'	22.54'	4'47"22"	9'34"44"
F	21.23'	22.54'	4'47"22"	14'22"06"

Curve #2R
 Curve Data Based on Face of Curb
 Rad. = 71' Delta = 25°15'11" Tangent = 15.90'
 Arc = 31.30' L.C. = 31.04' Def./Ft. = 24.20421 Min.

Station	Arc	8' Right	Defl.	Total Defl.
J	-	-	0'00"00"	0'00"00"
K	15.65'	13.86'	6'18"48"	6'18"48"
L	15.65'	13.86'	6'18"47"	12'37"35"



NOTE: Full Height Curb (Type 4) to be constructed on the pavement shown on this sheet. Median Curb (Type 3) (8") to be constructed on the median. Top of curb elevations are given for Full Height Curb (Type 4) (6-5/8").

	FRONTGATE ADDITION	
	FRONTGATE STA 0+00 TO STA 1+90.01	
Baughman Company, P.A. 515 Ellis St., Wichita, KS 67211 P 316-262-7271 F 316-262-0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE		
PROJECT NUMBER 472-85099	OCA NUMBER 766298	DESIGN AEG
REVISIONS:		DRAWN TMS
		DATE 7/23/13
		SCALE Noted
		SHEET 7 OF 26