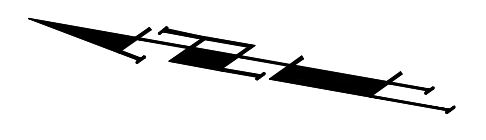


BENCHMARKS:

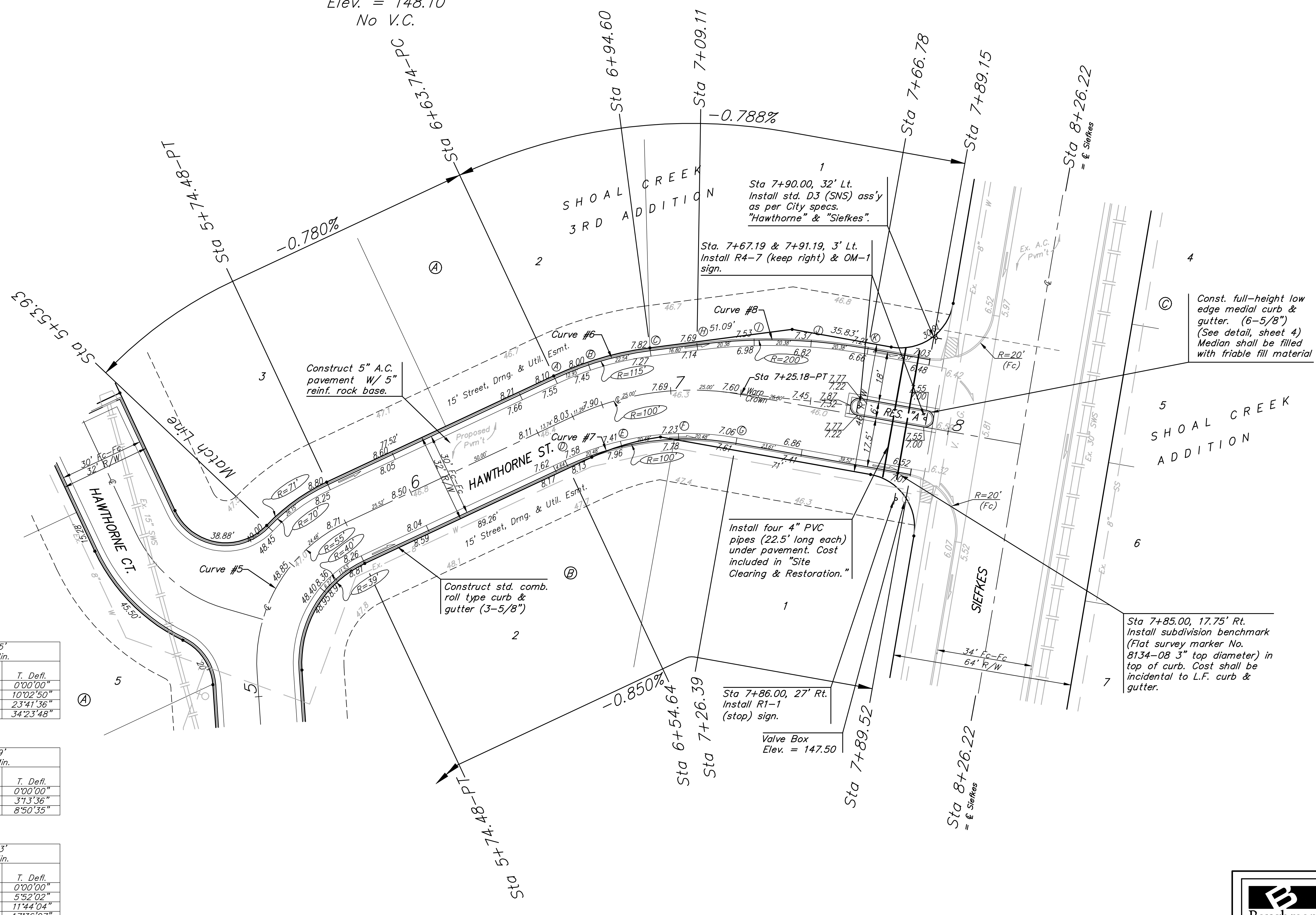
"□" Cut on Top of Curb, North Side Siefkes, NW of Center Line of Siefkes Ct., Shadybrook Meadow Addition.
Elev. = 135.19 City Datum
1322.59 MSL

"X" Cut in Sidewalk North R/W of Siefkes, 135' East of the C.L. of Hawthorne.
Elev. = 142.94 City Datum
1330.34 MSL



Scale: 1" = 20'
• = Iron

P.V.I.
Elev. = 148.10
No V.C.



Curve #5
Curve Data Based on Centerline
Rad. = 55' Delta = 68° 47' 37" Tangent = 37.65'
Arc = 66.04' L.C. = 62.14' Def/Ft. = 31.25088 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
5+08.44	-	-	-	0'00"00"	0'00"00"
5+27.73	19.29'	27.22'	11.17'	10'02"50"	10'02"50"
5+53.93	26.20'	36.80'	15.10'	13'38"46"	23'41"36"
5+74.48	20.55'	28.97'	11.89'	10'42"12"	34'23"48"

Curve #6
Curve Data Based on Centerline
Rad. = 115' Delta = 17° 41' 10" Tangent = 17.89'
Arc = 35.49' L.C. = 35.36' Def/Ft. = 14.95022 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
A	-	-	-	0'00"00"	0'00"00"
B	12.95'	13.85'	5'36"58"	3'13"36"	3'13"36"
C	22.54'	24.08'	5'36"58"	8'50"35"	8'50"35"

Curve #7
Curve Data Based on Centerline
Rad. = 100' Delta = 35° 12' 14" Tangent = 31.73'
Arc = 61.44' L.C. = 60.48' Def/Ft. = 17.18940 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
D	-	-	-	0'00"00"	0'00"00"
E	20.48'	18.81'	5'52"02"	5'52"02"	5'52"02"
F	20.48'	18.81'	5'52"02"	11'44"04"	11'44"04"
G	20.48'	18.81'	5'52"02"	17'36"07"	17'36"07"

Curve #8
Curve Data Based on Centerline
Rad. = 200' Delta = 17° 31' 04" Tangent = 30.81'
Arc = 61.14' L.C. = 60.91' Def/Ft. = 8.59557 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
H	-	-	-	0'00"00"	0'00"00"
I	20.38'	21.19'	2'55"10"	2'55"10"	2'55"10"
J	20.38'	21.19'	2'55"10"	5'50"21"	5'50"21"
K	20.38'	21.19'	2'55"10"	8'45"32"	8'45"32"

NOTE: ROLL TYPE CURB & GUTTER TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB.

		SHOAL CREEK 3RD ADDITION HAWTHORNE ST. STA 5+53.93 TO STA 8+26.22	
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316262-7771 F 316262-4149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE			
PROJECT NUMBER 472-84085	DESIGN AEG	DRAWN TMS	DATE 4/05
REVISIONS:	APPROVED		SCALE Noted
			SHEET 6 OF 16
ShoalCreek3rd/Str2		04-07-E971	