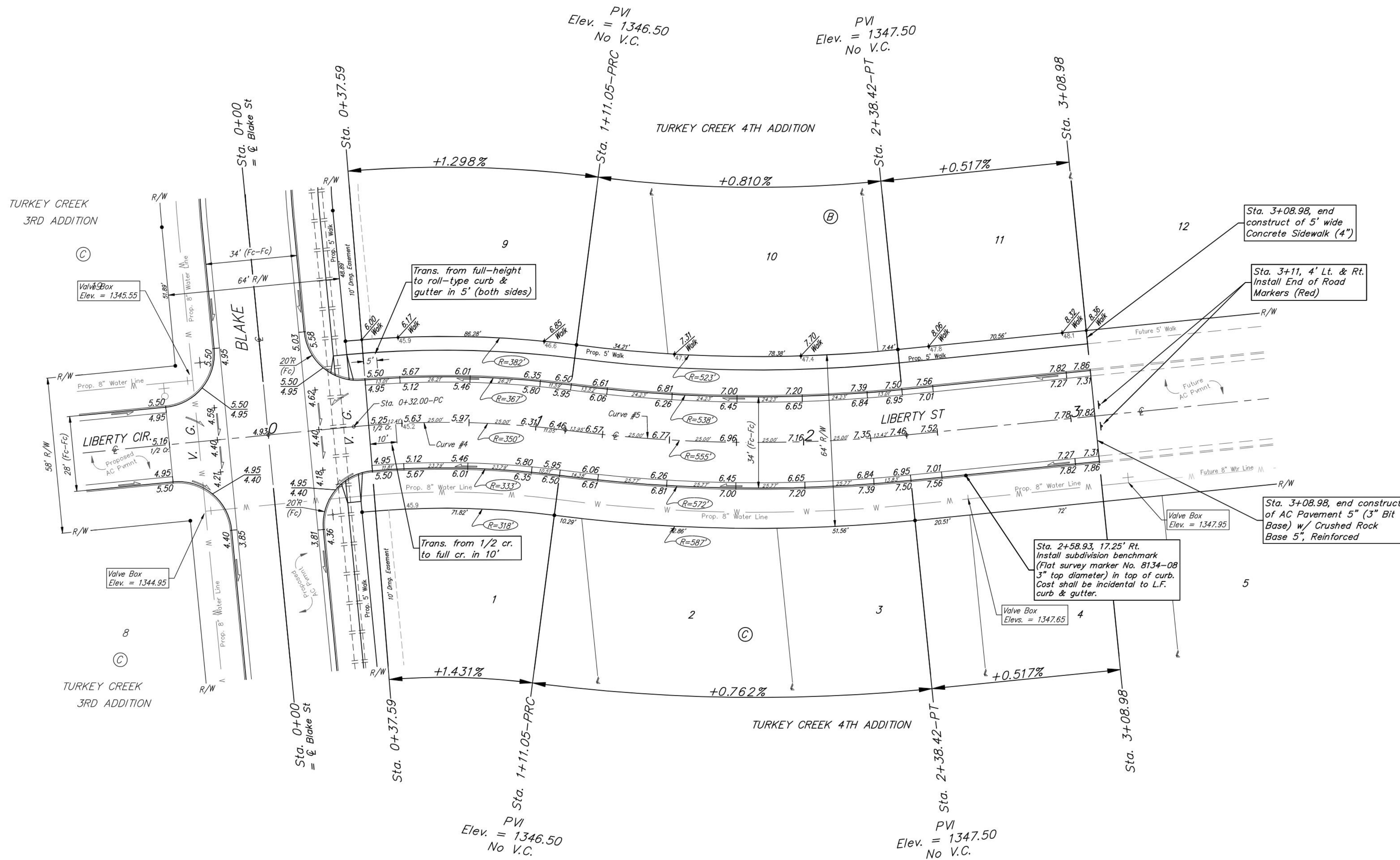
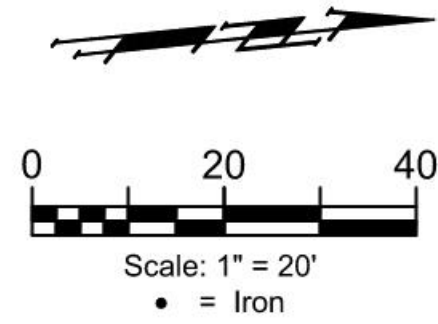


**BENCHMARKS:**  
 RR spike in asphalt, SW Cor.,  
 N1/2, SW1/4, Sec. 34, TWP. 26-S,  
 R-2-E.  
 Elev. = 1400.59 NAVD

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



**SUBDIVISION BENCHMARKS**

Street & Station	Location Description	Elevation
Saddle St. 0+68.00, 17.25' Rt.	Brass Disc in top of curb Adjacent to Fire Hydrant East of the SE Cor., Lot 65, Blk A, Turkey Creek 4th Addn.	
Saddle Cir. 2+45.74, 14.25' Lt.	Brass Disc in top of curb Adjacent to Fire Hydrant West of the NW Cor., Lot 71, Blk A, Turkey Creek 4th Addn.	
Liberty Cir. 2+42.00, 14.25' Lt.	Brass Disc in top of curb Adjacent to Fire Hydrant West of the NW Cor., Lot 18, Blk C, Turkey Creek 3rd Addn.	
Liberty St. 2+58.93, 17.25' Rt.	Brass Disc in top of curb Adjacent to Fire Hydrant West of the NW Cor., Lot 3, Blk C, Turkey Creek 4th Addn.	

**VALVE LOCATION TABLE**

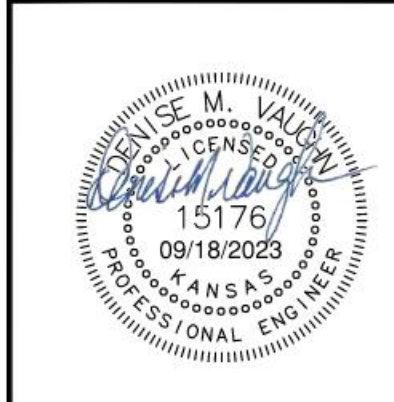
Valve Number	Street	Baseline Station	Offset Distance	Offset Direction
1	Saddle St	0+00	26'	Rt.
2	Saddle St	2+47.43	26'	Rt.
3	Blake	4+97.55	26'	Rt.
4	Blake	5+46.23	26'	Rt.
5	Liberty St	2+58.93	26'	Rt.

**Curve #4**  
 Curve Data Based on Centerline  
 Rad. = 350' Delta = 12°56'26" Tangent = 39.69'  
 Arc = 79.05' L.C. = 78.88' Def./Ft. = 4.91103 Min.

Station	Arc	Face Chord Lengths		Defl.	Total Defl.
		8' Left	8' Right		
0+32.00	-	-	-	0°00'00"	0°00'00"
0+37.59	5.59'	5.99'	5.19'	0°27'27"	0°27'27"
0+50.00	12.41'	13.30'	11.52'	1°00'57"	1°28'24"
0+75.00	25.00'	26.78'	23.21'	2°02'46"	3°31'10"
1+00.00	25.00'	26.78'	23.21'	2°02'47"	5°33'57"
1+11.05	11.05'	11.84'	10.26'	0°54'16"	6°28'13"

**Curve #5**  
 Curve Data Based on Centerline  
 Rad. = 555' Delta = 13°08'57" Tangent = 63.97'  
 Arc = 127.37' L.C. = 127.09' Def./Ft. = 3.09708 Min.

Station	Arc	Face Chord Lengths		Defl.	Total Defl.
		8' Left	8' Right		
1+11.05	-	-	-	0°00'00"	0°00'00"
1+25.00	13.95'	13.32'	14.58'	0°43'12"	0°43'12"
1+50.00	25.00'	23.87'	26.12'	1°17'26"	2°00'38"
1+75.00	25.00'	23.87'	26.12'	1°17'25"	3°18'03"
2+00.00	25.00'	23.87'	26.12'	1°17'26"	4°35'29"
2+25.00	25.00'	23.87'	26.12'	1°17'26"	5°52'55"
2+38.42	13.42'	12.82'	14.02'	0°41'33"	6°34'28"



**BAUGHMAN COMPANY**  
 315 Ellis St.  
 Wichita, KS 67211  
 316-262-7271  
 BaughmanCo.com

TURKEY CREEK 4TH ADDITION - PHASE III

**LIBERTY ST**

Sta. 0+37.59 to Sta. 3+08.98  
 Street Paving Improvements

PROJECT NUMBER:  
 472-2020-085620

DESIGN: DMV DRAWN: JAK

DATE: Sept. 18, 2023

SHEET OF  
**13 28**

Roll type curb & gutter to be constructed on the pavement on this sheet. Top of curb elevation are given for full height curb.