

**BENCHMARK:**  
 BM #1: "C" CUT, TOP OF CURB, S. SIDE OF SUNDANCE AS DEDICATED IN SAVANNA AT CASTLE ROCK RANCH 7TH ADDITION, 25± W. OF THE WEST LINE OF THE SE1/4 OF SEC. 12, TWP. 27-S, R-2-E. ELEV. = 1347.33 NGVD29

BM #2: 60d NAIL IN HIGH LINE POLE, 30' SOUTH OF S1/4 COR., SEC. 12, TWP. 27-S, R-2-E. ELEV. = 1348.58 NGVD29 (PER COUNTY RECORD)

**WATER VALVE LOCATION TABLE**

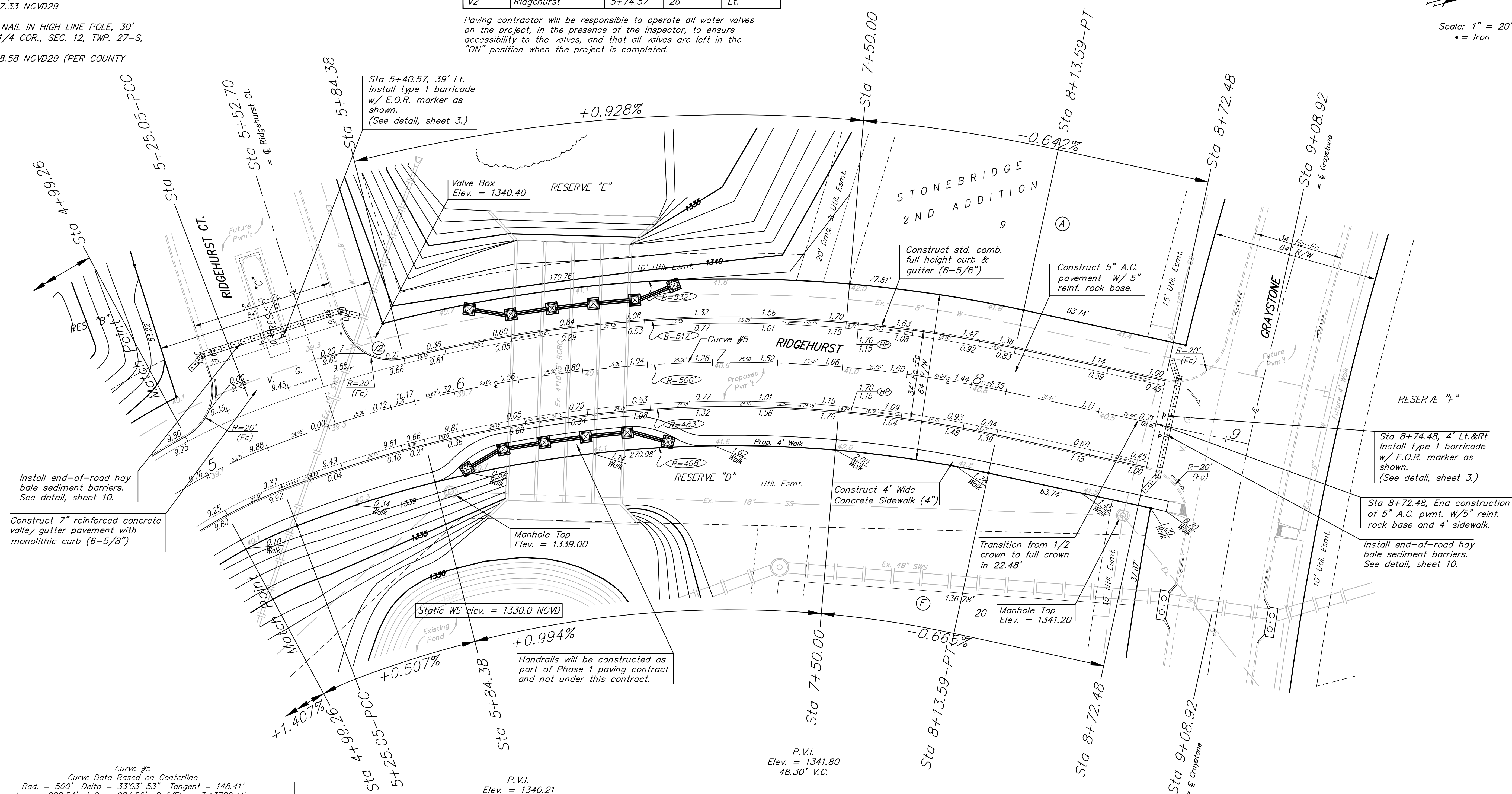
VALVE NUMBER	STREET	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V1	Ridgehurst	0+44.00	36'	Lt.
V2	Ridgehurst	5+74.57	26'	Lt.

Paving contractor will be responsible to operate all water valves on the project, in the presence of the inspector, to ensure accessibility to the valves, and that all valves are left in the "ON" position when the project is completed.

P.V.I.  
 Elev. = 1341.80  
 51.70' V.C.



Scale: 1" = 20'  
 • = Iron



Curve #5  
 Curve Data Based on Centerline  
 Rad. = 500', Delta = 33°03' 53", Tangent = 148.41'  
 Arc = 288.54', L.C. = 284.56', Del/Ft. = 3.43780 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
5+25.05	-	-	-	0'00"00"	0'00"00"
5+50.00	24.95'	26.20'	23.70'	1'25"46"	1'25"46"
5+52.70	2.70'	2.84'	2.57'	0'09"17"	1'35"03"
5+75.00	22.30'	23.41'	21.18'	1'16"40"	2'51"43"
5+84.38	9.38'	9.85'	8.91'	0'32"15"	3'23"58"
6+00.00	15.62'	16.40'	14.84'	0'53"42"	4'17"40"
6+25.00	25.00'	26.25'	23.75'	1'25"56"	5'43"36"
6+50.00	25.00'	26.25'	23.75'	1'25"56"	7'09"33"
6+75.00	25.00'	26.25'	23.75'	1'25"56"	8'35"30"
7+00.00	25.00'	26.25'	23.75'	1'25"56"	10'01"26"
7+25.00	25.00'	26.25'	23.75'	1'25"56"	11'27"23"
7+50.00	25.00'	26.25'	23.75'	1'25"56"	12'53"20"
7+75.00	25.00'	26.25'	23.75'	1'25"56"	14'19"16"
8+00.00	25.00'	26.25'	23.75'	1'25"56"	15'45"13"
8+13.59	13.59'	14.27'	12.91'	0'46"43"	16'31"56"

P.V.I.  
 Elev. = 1339.80  
 No V.C.

P.V.I.  
 Elev. = 1340.21  
 No V.C.

P.V.I.  
 Elev. = 1341.80  
 48.30' V.C.

	<b>STONEBRIDGE 2ND ADDITION</b> <b>RIDGEHURST</b> STA 4+99.26 TO STA 9+08.92	
	<small>Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 F3162627271 F3162620149          ENGINEERING   SURVEYING   PLANNING   LANDSCAPE ARCHITECTURE</small>	
PROJECT NUMBER 412-84594	DESIGN ATD	DRAWN TMS
REVISIONS:	APPROVED	DATE 01/08
SCALE Noted		<b>7 OF 16</b>
<small>Stonebridge\EntrSz2</small>		<small>0607-E601</small>