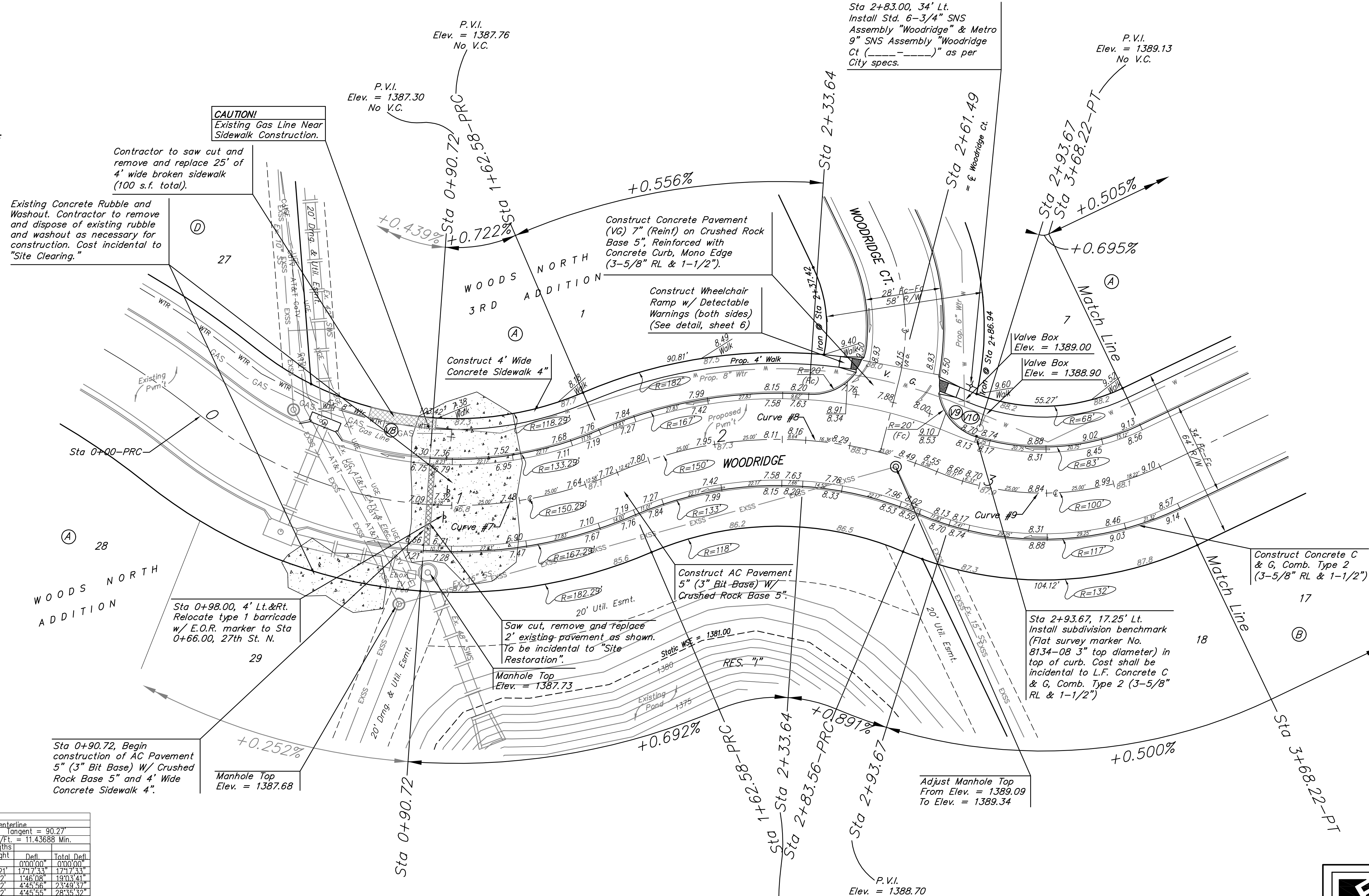
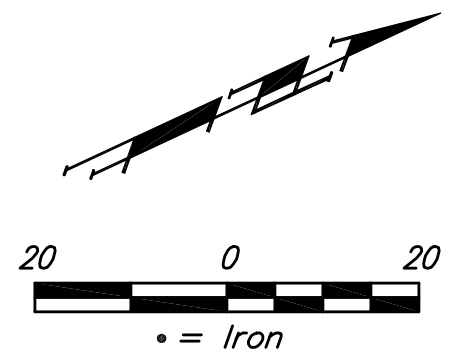


**BENCHMARKS:**

**BM #1:**  
RR Spike in CATV Pole, 85' east and 77' south of SE corner of Woods North 3rd Addition.  
Elev. = 1383.00 NAVD88

**BM #2:**  
"□" cut at centerline of inlet adjacent to Lot 29, Block A, Woods North 2nd Addition.  
Elev. = 1387.12 NAVD88

**BM #3:**  
Cross cut on north end of west headwall 137.5' south & 12' west of the intersection of 29th St N & 127th St E.  
ELEV. = 1382.45 NAVD88



**CAUTION!**  
Existing Gas Line Near Sidewalk Construction.  
Contractor to saw cut and remove and replace 25' of 4' wide broken sidewalk (100 s.f. total).  
Existing Concrete Rubble and Washout. Contractor to remove and dispose of existing rubble and washout as necessary for construction. Cost incidental to "Site Clearing."

Existing Concrete Rubble and Washout. Contractor to remove and dispose of existing rubble and washout as necessary for construction. Cost incidental to "Site Clearing."

P.V.I. Elev. = 1387.76 No V.C.

P.V.I. Elev. = 1387.30 No V.C.

Sta 2+83.00, 34' Lt. Install Std. 6-3/4" SNS Assembly "Woodridge" & Metro 9" SNS Assembly "Woodridge Ct (---)" as per City specs.

P.V.I. Elev. = 1389.13 No V.C.

Construct Concrete Pavement (VC) 7" (Rein) on Crushed Rock Base 5", Reinforced with Concrete Curb, Mono Edge (3-5/8" RL & 1-1/2").

Construct Wheelchair Ramp w/ Detectable Warnings (both sides) (See detail, sheet 6)

Construct 4' Wide Concrete Sidewalk 4"

Valve Box Elev. = 1389.00

Valve Box Elev. = 1388.90

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

Construct Concrete C & G, Comb. Type 2 (3-5/8" RL & 1-1/2")

Sta 2+93.67, 17.25' Lt. Install subdivision benchmark (Flat survey marker No. 8134-08 3" top diameter) in top of curb. Cost shall be incidental to L.F. Concrete C & G, Comb. Type 2 (3-5/8" RL & 1-1/2")

Saw cut, remove and replace 2' existing pavement as shown. To be incidental to "Site Restoration".

Manhole Top Elev. = 1387.73

Adjust Manhole Top From Elev. = 1389.09 To Elev. = 1389.34

Sta 0+90.72, Begin construction of AC Pavement 5" (3" Bit Base) w/ Crushed Rock Base 5" and 4' Wide Concrete Sidewalk 4".

Manhole Top Elev. = 1387.68

Curve #7

Curve Data Based on Centerline  
Rad. = 150.29 Delta = 61°38'49" Tangent = 90.27'  
Arc = 162.58' L.C. = 154.77' Def./Ft. = 11.43688 Min.

Station	Arc	8' Left	8' Right	Defl.	Total Defl.
0+00.00	-	-	-	0.0000	0.0000
0+90.72	90.72	74.49	104.21	1.7973	17.9733
1+00.00	9.28	7.73	10.82	1.4608	10.0341
1+25.00	25.00	20.82	29.12	4.4556	23.4937
1+50.00	25.00	20.82	29.12	4.4556	28.3532
1+62.58	12.58	10.48	14.67	2.2353	30.5925

Curve #8

Curve Data Based on Centerline  
Rad. = 150 Delta = 46°12'48" Tangent = 64.00'  
Arc = 120.98' L.C. = 117.73' Def./Ft. = 11.45975 Min.

Station	Arc	8' Left	8' Right	Defl.	Total Defl.
1+62.58	-	-	-	0.0000	0.0000
1+75.00	12.42	14.49	10.35	2.2220	2.2220
2+00.00	25.00	29.13	20.81	4.4629	7.0849
2+25.00	25.00	29.13	20.81	4.4630	11.5519
2+33.64	8.64	10.08	7.20	1.3901	13.3420
2+61.49	27.85	32.45	23.18	6.1909	18.5329
2+83.56	22.07	25.73	18.38	4.1255	23.0624

Curve #9

Curve Data Based on Centerline  
Rad. = 100 Delta = 48°30'21" Tangent = 45.05'  
Arc = 84.66' L.C. = 82.13' Def./Ft. = 17.18846 Min.

Station	Arc	8' Left	8' Right	Defl.	Total Defl.
2+83.56	-	-	-	0.0000	0.0000
2+93.67	10.11	7.58	12.63	2.5347	2.5347
3+00.00	6.33	4.75	7.91	1.6848	4.4235
3+25.00	25.00	18.70	31.17	7.0942	11.5217
3+50.00	25.00	18.70	31.17	7.0943	19.0200
3+68.22	18.22	13.65	22.74	5.1311	24.7511

P.V.I. Elev. = 1387.21 No V.C.

P.V.I. Elev. = 1388.20 No V.C.

P.V.I. Elev. = 1388.70 No V.C.

NOTE: ROLL TYPE CURB & GUTTER (TYPE 2) TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB (TYPE 4).

**Baughman** WOODRIDGE  
STA 0+90.72 TO STA 3+68.22

WOODS NORTH 3RD ADD. PH. I

Baughman Company, P.A. 515 Ella St. Wichita, KS 67211 P 316-262-7271 F 316-262-0416  
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 47285046	DESIGN AEG	DRAWN TMS
REVISIONS:	APPROVED	DATE 07/12
	SCALE Noted	
	<b>11 OF 35</b>	

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