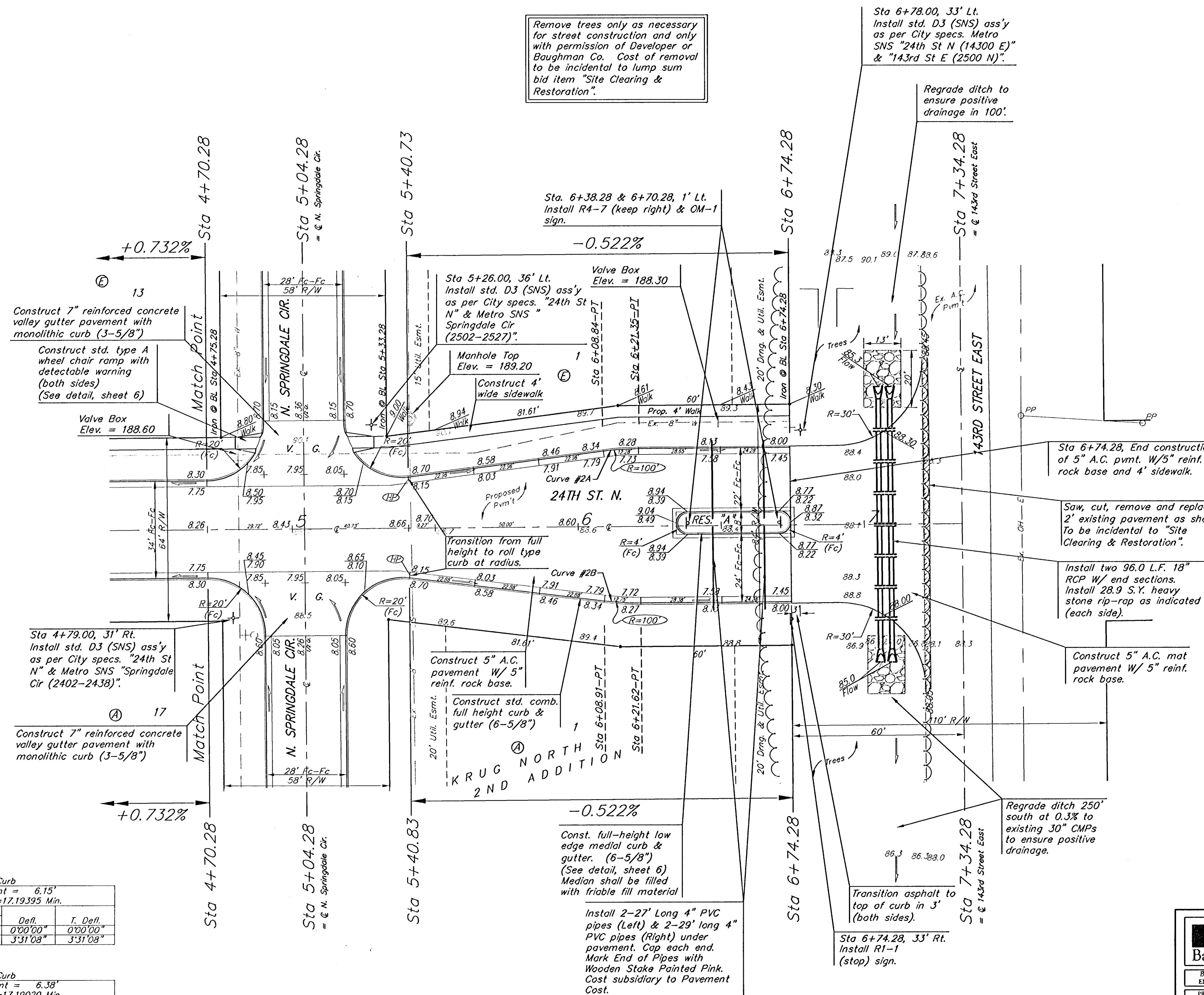
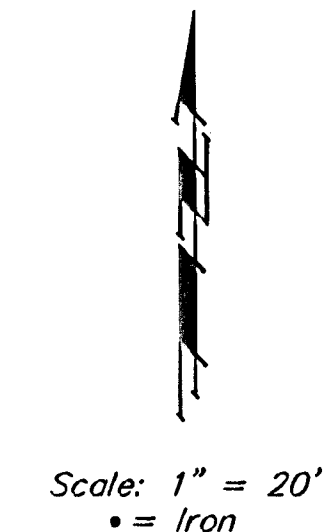


BENCHMARK:
 BM #1: "□" Cut in middle of N headwall of RCBC on 21st St. North, 1004.3' W & 22.1' N of SE Cor., SE 1/4, Sec. 2, T-27-S, R-2-E. Elev. = 173.23 City Datum

BM #2: "□" Cut at the SE corner of the intersection of Castle Rock & Castle Rock Ct., Krug North Addition. Elev. = 183.50 City Datum



Remove trees only as necessary for street construction and only with permission of Developer or Baughman Co. Cost of removal to be incidental to lump sum bid item "Site Clearing & Restoration".

Sta 6+78.00, 33' Lt. Install std. D3 (SNS) ass'y as per City specs. Metro SNS "24th St N (14300 E)" & "143rd St E (2500 N)".

Regrade ditch to ensure positive drainage in 100'.

Sta. 6+38.28 & 6+70.28, 1' Lt. Install R4-7 (keep right) & OM-1 sign.

Sta 5+26.00, 36' Lt. Install std. D3 (SNS) ass'y as per City specs. "24th St N" & Metro SNS "Springdale Cir (2502-2527)".

Manhole Top Elev. = 189.20

Construct 4' wide sidewalk

Proposed Pvm't

Transition from full height to roll type curb at radius.

Construct 5" A.C. pavement W/ 5" reinf. rock base.

Construct std. comb. full height curb & gutter (6-5/8")

Const. full-height low edge medial curb & gutter. (6-5/8") (See detail, sheet 6) Median shall be filled with friable fill material

Install 2-27' Long 4" PVC pipes (Left) & 2-29' long 4" PVC pipes (Right) under pavement. Cap each end. Mark End of Pipes with Wooden Stake Painted Pink. Cost subsidiary to Pavement Cost.

Sta 6+74.28, End construction of 5" A.C. pvm't. W/5" reinf. rock base and 4' sidewalk.

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

Install two 96.0 L.F. 18" RCP W/ end sections. Install 28.9 S.Y. heavy stone rip-rap as indicated (each side).

Construct 5" A.C. mat pavement W/ 5" reinf. rock base.

Regrade ditch 250' south at 0.3% to existing 30" CMPs to ensure positive drainage.

Transition asphalt to top of curb in 3' (both sides).

Sta 6+74.28, 33' Rt. Install R1-1 (stop) sign.

Curve #2A
 Curve Data Based on Face of Curb
 Rad. = 100' Delta = 7°02'17" Tangent = 6.15'
 Arc = 12.28' L.C. = 12.28' Def/Ft. = 17.19393 Min.

Station	Arc	FACE CHORD LENGTHS	Def.	T. Def.
0+00.00	-	-	0'00"00"	0'00"00"
0+12.28	12.28'	13.26'	3'31"08"	3'31"08"

Curve #2B
 Curve Data Based on Face of Curb
 Rad. = 100' Delta = 7°18'21" Tangent = 6.38'
 Arc = 12.75' L.C. = 12.74' Def/Ft. = 17.19020 Min.

Station	Arc	FACE CHORD LENGTHS	Def.	T. Def.
0+00.00	-	-	0'00"00"	0'00"00"
0+12.75	12.75'	13.76'	3'39"10"	3'39"10"

Baughman KRUG NORTH 2ND ADD. - PH IV
24TH ST. N.
 STA 4+70.28 TO STA 7+34.28

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7171 F 316.262.0149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84250	DESIGN AID	DRAWN TMS
REVISIONS:	APPROVED	DATE 04/06
	SCALE Noted	SHEET 8 OF 35

KrugNorth2nd\PhaseIV\Str2 05-12-E449