

BENCHMARKS:
 BM #1: "□" Cut in top of curb, east return of SE corner of Lotus & Parkridge.
 Elev. = 145.99 (City Datum)

BM #2: "X" Cut on walk at NW corner of Lot 1, Block F, Flat Creek Addition
 Elev. = 146.22 (City Datum)

BM #3: "□" Cut in top of curb at the NW corner of Lot 1, Block B, Hunter's Ridge Addition.
 Elev. = 146.63 (City Datum)

Regrade as necessary to provide for positive drainage. (Both sides). (Cost of Regrading to be Included in Pipe Cost).

Construct 25 L.F. Concrete Flume Each Side as Shown. (50 L.F. Total)
 See Detail, This Sheet.

Curve #1
 Curve Data Based on Centerline
 Rad. = 150' Delta = 90° 00' 00" Tangent = 150.00'
 Arc = 235.62' L.C. = 212.13' Def/Ft. = 11.45864 Min.

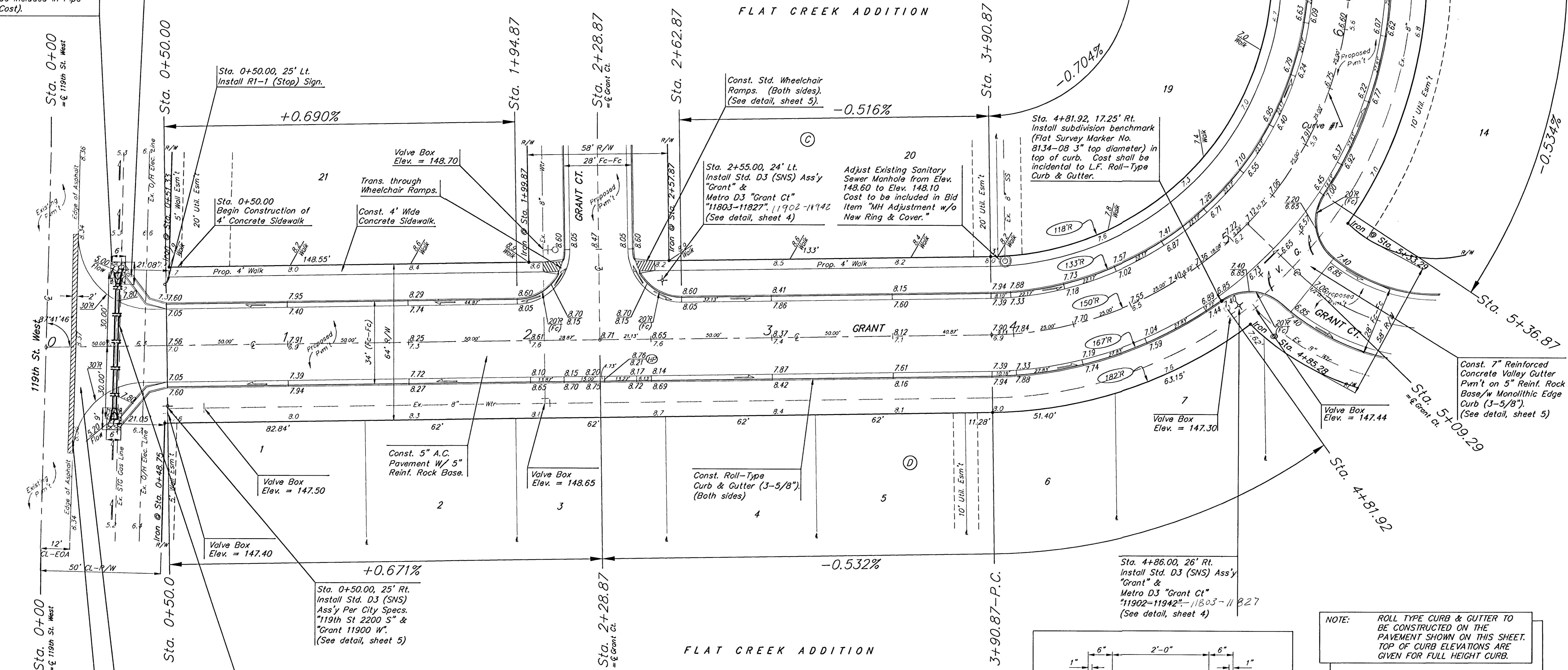
Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
3+90.87	-	-	-	0'00"00"	0'00"00"
4+00.00	9.13'	7.61'	10.65'	1'44"37"	1'44"37"
4+25.00	25.00"	20.81"	29.13"	4'46"28"	6'31"05"
4+50.00	25.00"	20.81"	29.13"	4'46"28"	11'17"33"
4+75.00	25.00"	20.81"	29.13"	4'46"28"	16'04"01"
4+81.92	6.92'	5.27'	8.07'	1'19"19"	17'23"19"
5+00.00	18.08'	15.06'	21.08'	3'27"10"	20'50"29"
5+25.00	25.00"	20.81"	29.13"	4'46"28"	25'36"57"
5+36.87	11.87'	9.89'	13.84'	2'16"01"	27'52"58"
5+50.00	13.13'	10.94'	15.31'	2'30"27"	30'23"25"
5+75.00	25.00"	20.81"	29.13"	4'46"28"	35'09"53"
6+00.00	25.00"	20.81"	29.13"	4'46"28"	39'56"21"
6+25.00	25.00"	20.81"	29.13"	4'46"28"	44'42'49"
6+26.50	1.50"	1.25"	1.75"	0'17"11"	45'00"00"

Scale: 1" = 20'
 * = Iron

P.V.I.
 Elev. = 146.47
 NO V.C.

P.V.I.
 Elev. = 146.47
 NO V.C.

P.V.I.
 Elev. = 147.94
 NO V.C.



Saw, cut, remove & replace 2" existing surface course as indicated. Cost shall be included in "R/W Clearing and Site Restoration".

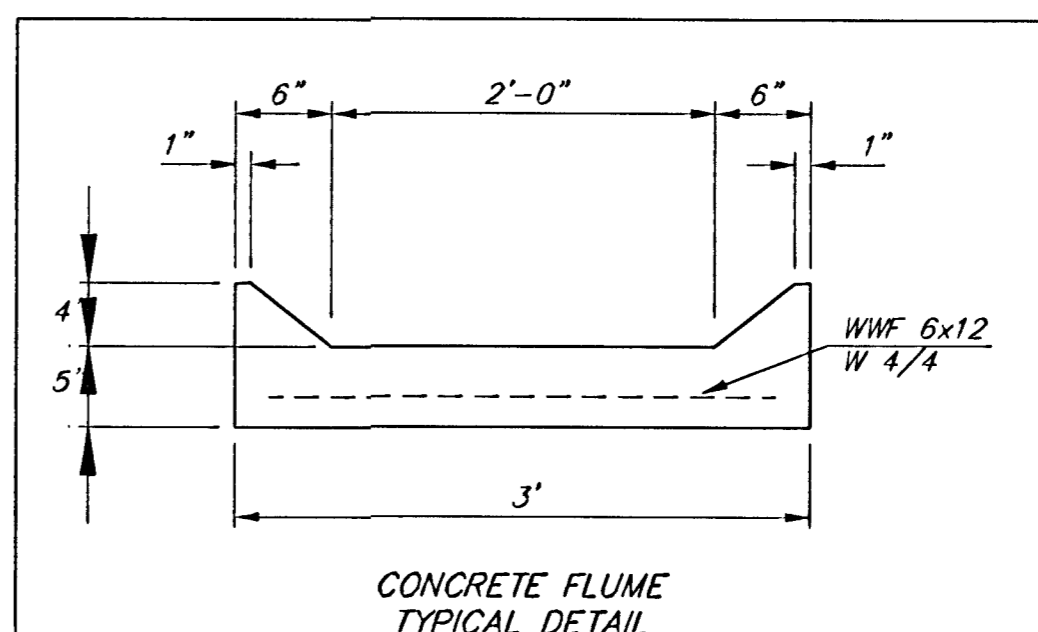
Const. 5" A.C. Pavement Hook-up on 5" Reinf. Rock Base. Install 60.0 L.F. 18" RCP as shown. Install 6 S.Y. Light Stone Rip-Rap as Shown (Both Sides.)

CAUTION! Seminole Transportation and Gathering Gas Line. Contractor to contact Roger Phifer 316-253-2070 one week prior to construction.

Sta. 0+50.00, 25' Rt. Install Std. D3 (SNS) Ass'y Per City Specs. "119th St 2200 S" & "Grant 11900 W". (See detail, sheet 5)

P.V.I.
 Elev. = 148.80
 30' V.C.

P.V.I.
 Elev. = 147.94
 NO V.C.



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.

FLAT CREEK ADDITION - PHASE II
GRANT
 STA. 0+00 TO STA. 6+28.49

BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-83384

DESIGN NBW DRAWN ESB/CNX APPROVED DATE 8/21/02 SCALE NOTED SHEET **6** OF **43**