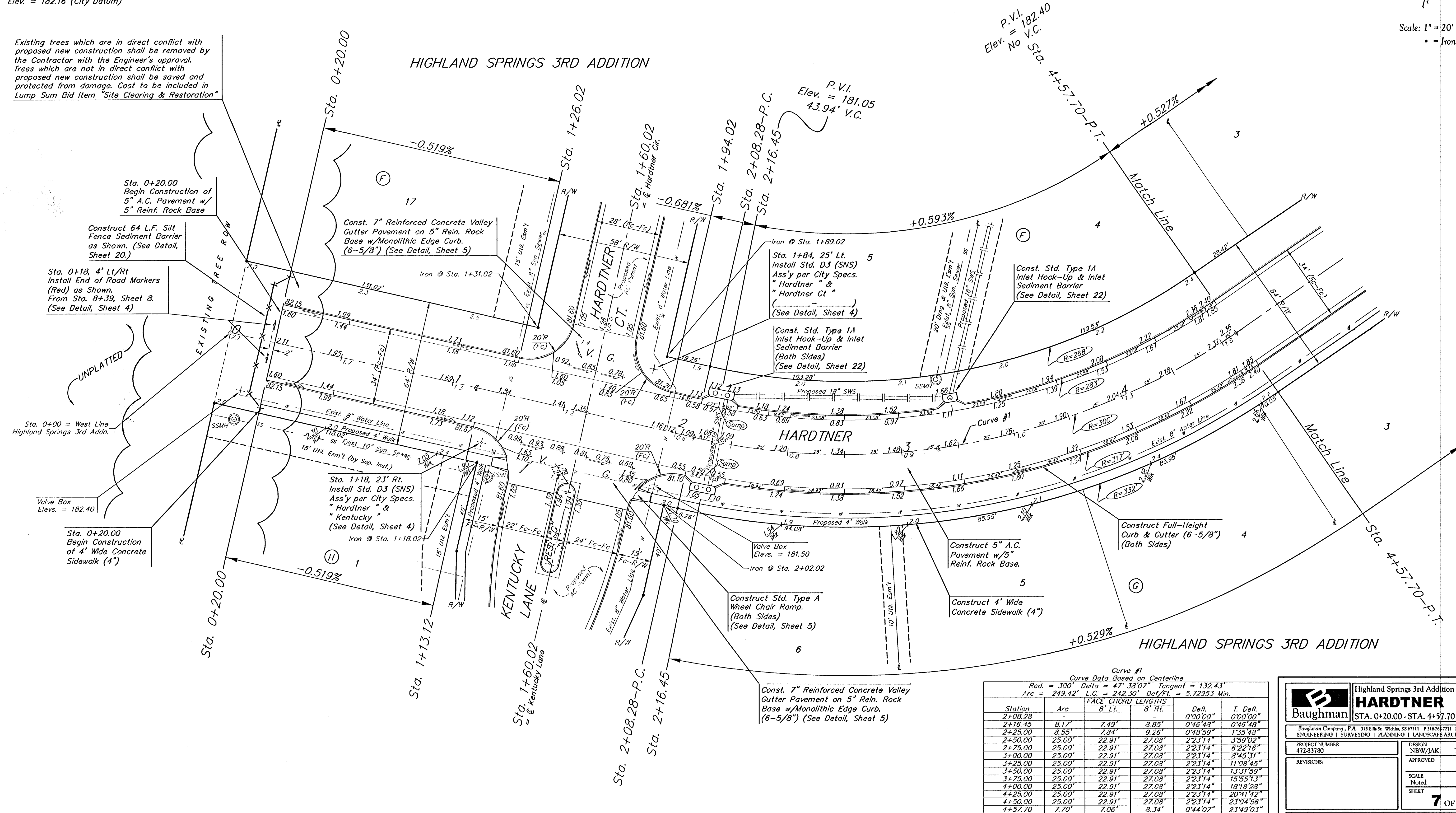


Benchmarks:

"□" Cut Top of Curb North
End of Northwest Return at
Highland Springs & Hardtner
Elev. = 178.72 (City Datum)

"□" Cut Top of Curb West
Side of Kentucky Lane ±20'
South of End of Existing
pavement.
Elev. = 182.16 (City Datum)

Existing trees which are in direct conflict with
proposed new construction shall be removed by
the Contractor with the Engineer's approval.
Trees which are not in direct conflict with
proposed new construction shall be saved and
protected from damage. Cost to be included in
Lump Sum Bid Item "Site Clearing & Restoration"



Scale: 1" = 20'
• = Iron

Curve #1
Curve Data Based on Centerline
Rad. = 300' Delta = 47° 38' 07" Tangent = 132.43'
Arc = 249.42' L.C. = 242.30' Del/Ft. = 5.72953 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
2+08.28	-	-	-	0°00'00"	0°00'00"
2+16.45	8.17'	7.49'	8.85'	0°46'48"	0°46'48"
2+25.00	8.55'	7.84'	9.26'	0°48'59"	1°35'48"
2+30.00	25.00'	22.91'	27.08'	2°23'14"	3°59'02"
2+35.00	25.00'	22.91'	27.08'	2°23'14"	6°22'16"
2+40.00	25.00'	22.91'	27.08'	2°23'14"	8°45'31"
2+45.00	25.00'	22.91'	27.08'	2°23'14"	11°08'45"
2+50.00	25.00'	22.91'	27.08'	2°23'14"	13°31'59"
2+55.00	25.00'	22.91'	27.08'	2°23'14"	15°55'13"
2+60.00	25.00'	22.91'	27.08'	2°23'14"	18°18'28"
2+65.00	25.00'	22.91'	27.08'	2°23'14"	20°41'42"
2+70.00	25.00'	22.91'	27.08'	2°23'14"	23°04'56"
2+75.00	25.00'	22.91'	27.08'	2°23'14"	25°28'10"
2+80.00	25.00'	22.91'	27.08'	2°23'14"	27°51'24"
2+85.00	25.00'	22.91'	27.08'	2°23'14"	30°14'38"
2+90.00	25.00'	22.91'	27.08'	2°23'14"	32°37'52"
2+95.00	25.00'	22.91'	27.08'	2°23'14"	35°01'06"
2+00.00	25.00'	22.91'	27.08'	2°23'14"	37°24'20"
2+05.00	25.00'	22.91'	27.08'	2°23'14"	39°47'34"
2+10.00	25.00'	22.91'	27.08'	2°23'14"	42°10'48"
2+15.00	25.00'	22.91'	27.08'	2°23'14"	44°34'02"
2+20.00	25.00'	22.91'	27.08'	2°23'14"	46°57'16"
2+25.00	25.00'	22.91'	27.08'	2°23'14"	49°20'30"
2+30.00	25.00'	22.91'	27.08'	2°23'14"	51°43'44"
2+35.00	25.00'	22.91'	27.08'	2°23'14"	54°06'58"
2+40.00	25.00'	22.91'	27.08'	2°23'14"	56°30'12"
2+45.00	25.00'	22.91'	27.08'	2°23'14"	58°53'26"
2+50.00	25.00'	22.91'	27.08'	2°23'14"	61°16'40"
2+55.00	25.00'	22.91'	27.08'	2°23'14"	63°39'54"
2+60.00	25.00'	22.91'	27.08'	2°23'14"	65°63'08"
2+65.00	25.00'	22.91'	27.08'	2°23'14"	67°46'22"
2+70.00	25.00'	22.91'	27.08'	2°23'14"	70°29'36"
2+75.00	25.00'	22.91'	27.08'	2°23'14"	73°12'50"
2+80.00	25.00'	22.91'	27.08'	2°23'14"	75°56'04"
2+85.00	25.00'	22.91'	27.08'	2°23'14"	78°39'18"
2+90.00	25.00'	22.91'	27.08'	2°23'14"	81°22'32"
2+95.00	25.00'	22.91'	27.08'	2°23'14"	84°05'46"
3+00.00	25.00'	22.91'	27.08'	2°23'14"	86°49'00"
3+05.00	25.00'	22.91'	27.08'	2°23'14"	89°32'14"
3+10.00	25.00'	22.91'	27.08'	2°23'14"	92°15'28"
3+15.00	25.00'	22.91'	27.08'	2°23'14"	94°58'42"
3+20.00	25.00'	22.91'	27.08'	2°23'14"	97°41'56"
3+25.00	25.00'	22.91'	27.08'	2°23'14"	100°25'10"
3+30.00	25.00'	22.91'	27.08'	2°23'14"	103°08'24"
3+35.00	25.00'	22.91'	27.08'	2°23'14"	105°51'38"
3+40.00	25.00'	22.91'	27.08'	2°23'14"	108°34'52"
3+45.00	25.00'	22.91'	27.08'	2°23'14"	111°18'06"
3+50.00	25.00'	22.91'	27.08'	2°23'14"	114°01'20"
3+55.00	25.00'	22.91'	27.08'	2°23'14"	116°44'34"
3+60.00	25.00'	22.91'	27.08'	2°23'14"	119°27'48"
3+65.00	25.00'	22.91'	27.08'	2°23'14"	122°11'02"
3+70.00	25.00'	22.91'	27.08'	2°23'14"	124°54'16"
3+75.00	25.00'	22.91'	27.08'	2°23'14"	127°37'30"
3+80.00	25.00'	22.91'	27.08'	2°23'14"	130°20'44"
3+85.00	25.00'	22.91'	27.08'	2°23'14"	133°03'58"
3+90.00	25.00'	22.91'	27.08'	2°23'14"	135°47'12"
3+95.00	25.00'	22.91'	27.08'	2°23'14"	138°30'26"
4+00.00	25.00'	22.91'	27.08'	2°23'14"	141°13'40"
4+05.00	25.00'	22.91'	27.08'	2°23'14"	143°56'54"
4+10.00	25.00'	22.91'	27.08'	2°23'14"	146°40'08"
4+15.00	25.00'	22.91'	27.08'	2°23'14"	149°23'22"
4+20.00	25.00'	22.91'	27.08'	2°23'14"	152°06'36"
4+25.00	25.00'	22.91'	27.08'	2°23'14"	154°49'50"
4+30.00	25.00'	22.91'	27.08'	2°23'14"	157°33'04"
4+35.00	25.00'	22.91'	27.08'	2°23'14"	160°16'18"
4+40.00	25.00'	22.91'	27.08'	2°23'14"	162°59'32"
4+45.00	25.00'	22.91'	27.08'	2°23'14"	165°42'46"
4+50.00	25.00'	22.91'	27.08'	2°23'14"	168°26'00"
4+55.00	25.00'	22.91'	27.08'	2°23'14"	171°09'14"
4+60.00	25.00'	22.91'	27.08'	2°23'14"	173°52'28"
4+65.00	25.00'	22.91'	27.08'	2°23'14"	176°35'42"
4+70.00	25.00'	22.91'	27.08'	2°23'14"	179°18'56"
4+75.00	25.00'	22.91'	27.08'	2°23'14"	182°02'10"
4+80.00	25.00'	22.91'	27.08'	2°23'14"	184°45'24"
4+85.00	25.00'	22.91'	27.08'	2°23'14"	187°28'38"
4+90.00	25.00'	22.91'	27.08'	2°23'14"	190°11'52"
4+95.00	25.00'	22.91'	27.08'	2°23'14"	192°55'06"
5+00.00	25.00'	22.91'	27.08'	2°23'14"	195°38'20"
5+05.00	25.00'	22.91'	27.08'	2°23'14"	198°21'34"
5+10.00	25.00'	22.91'	27.08'	2°23'14"	201°04'48"
5+15.00	25.00'	22.91'	27.08'	2°23'14"	203°48'02"
5+20.00	25.00'	22.91'	27.08'	2°23'14"	206°31'16"
5+25.00	25.00'	22.91'	27.08'	2°23'14"	209°14'30"
5+30.00	25.00'	22.91'	27.08'	2°23'14"	211°57'44"
5+35.00	25.00'	22.91'	27.08'	2°23'14"	214°40'58"
5+40.00	25.00'	22.91'	27.08'	2°23'14"	217°24'12"
5+45.00	25.00'	22.91'	27.08'	2°23'14"	220°07'26"
5+50.00	25.00'	22.91'	27.08'	2°23'14"	222°50'40"
5+55.00	25.00'	22.91'	27.08'	2°23'14"	225°33'54"
5+60.00	25.00'	22.91'	27.08'	2°23'14"	228°17'08"
5+65.00	25.00'	22.91'	27.08'	2°23'14"	231°00'22"
5+70.00	25.00'	22.91'	27.08'	2°23'14"	233°43'36"
5+75.00	25.00'	22.91'	27.08'	2°23'14"	236°26'50"
5+80.00	25.00'	22.91'	27.08'	2°23'14"	239°10'04"
5+85.00	25.00'	22.91'	27.08'	2°23'14"	241°53'18"
5+90.00	25.00'	22.91'	27.08'	2°23'14"	244°36'32"
5+95.00	25.00'	22.91'	27.08'	2°23'14"	247°19'46"
6+00.00	25.00'	22.91'	27.08'	2°23'14"	250°03'00"

Highland Springs 3rd Addition - Phase III
HARDTNER
STA. 0+20.00 - STA. 4+57.70

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7211 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
472-53780

DESIGN
NEW/JAK

APPROVED
DATE
6/21/06

REVISIONS

SCALE
Noted
SHEET

7 OF 31

F:\Eng\Highland Springs 3rd\Phase 3\Set1 0509E358