

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)

P.V.I.
Elev. = 182.40
No V.C.

P.V.I.
Elev. = 182.85
64.56' V.C.

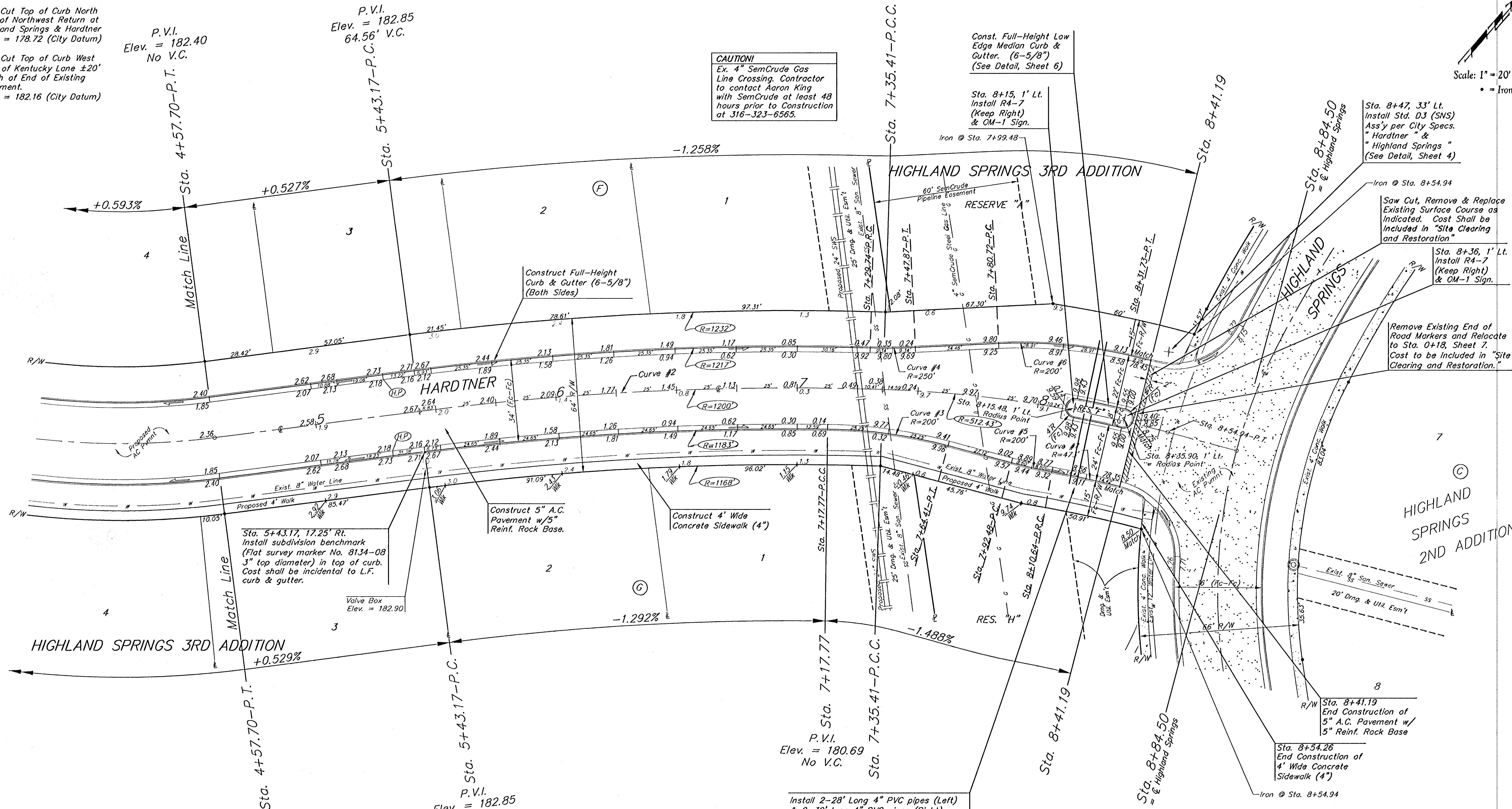
CAUTION!
Ex. 4" SemCrude Gas
Line Crossing. Contractor
to contact Aaron King
with SemCrude at least 48
hours prior to construction
at 316-323-6565.

Const. Full-Height Low
Edge Median Curb &
Gutter. (6-5/8")
(See Detail, Sheet 6)

Sta. 8+15, 1' Lt.
Install R4-7
(Keep Right)
& OM-1 Sign.

Iron @ Sta. 7+99.48

Scale: 1" = 20'
• = Iron



Curve #2
Curve Data Based on Centerline
Rad. = 1200' Delta = 9° 10' 44" Tangent = 96.33'
Arc = 192.24' L.C. = 192.04' Def/Ft. = 1.43241 Min.

Station	Arc	8' Lt.	8' Rt.	Def.	T. Def.
5+43.17	-	-	-	0°00'00"	0°00'00"
5+50.00	6.83'	6.97'	6.69'	0°09'47"	0°09'47"
5+75.00	25.00'	25.52'	24.48'	0°35'48"	0°45'35"
6+00.00	25.00'	25.52'	24.48'	0°35'48"	1°21'24"
6+25.00	25.00'	25.52'	24.48'	0°35'48"	1°57'13"
6+50.00	25.00'	25.52'	24.48'	0°35'48"	2°33'01"
6+75.00	25.00'	25.52'	24.48'	0°35'48"	3°08'50"
7+00.00	25.00'	25.52'	24.48'	0°35'48"	3°44'38"
7+17.77	17.77'	18.14'	17.40'	0°25'27"	4°10'06"
7+25.00	7.23'	7.38'	7.08'	0°10'21"	4°20'27"
7+29.74	4.74'	4.84'	4.64'	0°06'47"	4°27'14"
7+35.41	5.67'	5.79'	5.55'	0°08'07"	4°35'22"

Curve #3
Curve Data Based on Face of Curb
Rad. = 200' Delta = 14° 28' 00" Tangent = 25.38'
Arc = 50.5' L.C. = 50.36' Def/Ft. = 8.59406 Min.

CL Station	Arc	CHORD	8' Lt.	Def.	T. Def.
7+12.77	-	-	-	0°00'00"	0°00'00"
7+29.74	-	-	-	0°00'00"	0°00'00"
7+38.87	9.34'	9.04'	1°04'11"	1°04'11"	1°04'11"
7+47.87	9.34'	9.04'	1°04'11"	2°08'22"	2°08'22"

Curve #4
Curve Data Based on Face of Curb
Rad. = 250' Delta = 4° 16' 44" Tangent = 9.34'
Arc = 18.68' L.C. = 18.67' Def/Ft. = 6.87188 Min.

CL Station	Arc	CHORD	8' Lt.	Def.	T. Def.
7+29.74	-	-	-	0°00'00"	0°00'00"
7+38.87	9.34'	9.04'	1°04'11"	1°04'11"	1°04'11"
7+47.87	9.34'	9.04'	1°04'11"	2°08'22"	2°08'22"

Curve #5
Curve Data Based on Face of Curb
Rad. = 200' Delta = 4° 55' 43" Tangent = 8.61'
Arc = 17.2' L.C. = 17.20' Def/Ft. = 8.59641 Min.

CL Station	Arc	CHORD	8' Lt.	Def.	T. Def.
7+42.48	-	-	-	0°00'00"	0°00'00"
7+59.48	-	-	-	0°00'00"	0°00'00"
8+01.57	8.60'	8.95'	1°13'56"	1°13'56"	1°13'56"
8+10.64	8.60'	8.95'	1°13'56"	2°27'51"	2°27'51"

Curve #6
Curve Data Based on Face of Curb
Rad. = 200' Delta = 15° 24' 59" Tangent = 27.07'
Arc = 53.82' L.C. = 53.65' Def/Ft. = 8.59330 Min.

CL Station	Arc	CHORD	8' Lt.	Def.	T. Def.
7+80.72	-	-	-	0°00'00"	0°00'00"
8+06.19	26.81'	27.86'	3°50'23"	3°50'23"	3°50'23"
8+31.73	27.01'	28.07'	3°52'06"	7°42'29"	7°42'29"

HARDTNER
Baughman

Highland Springs 3rd Addition - Phase III
STA. 4+57.70 - STA. 8+41.19

Baughman Company, P.A. 315 Ellis St. Waco, TX 76711 P 316-265-7211 F 316-265-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
472-93780

DESIGN
NBW/JAK

DRAWN
TMS/JAK

APPROVED
DATE
6/21/06

SCALE
NOTED
SHEET

8 OF 31

F:\Eng\Highland Springs 3rd\Phase 3\Set2 0509E358