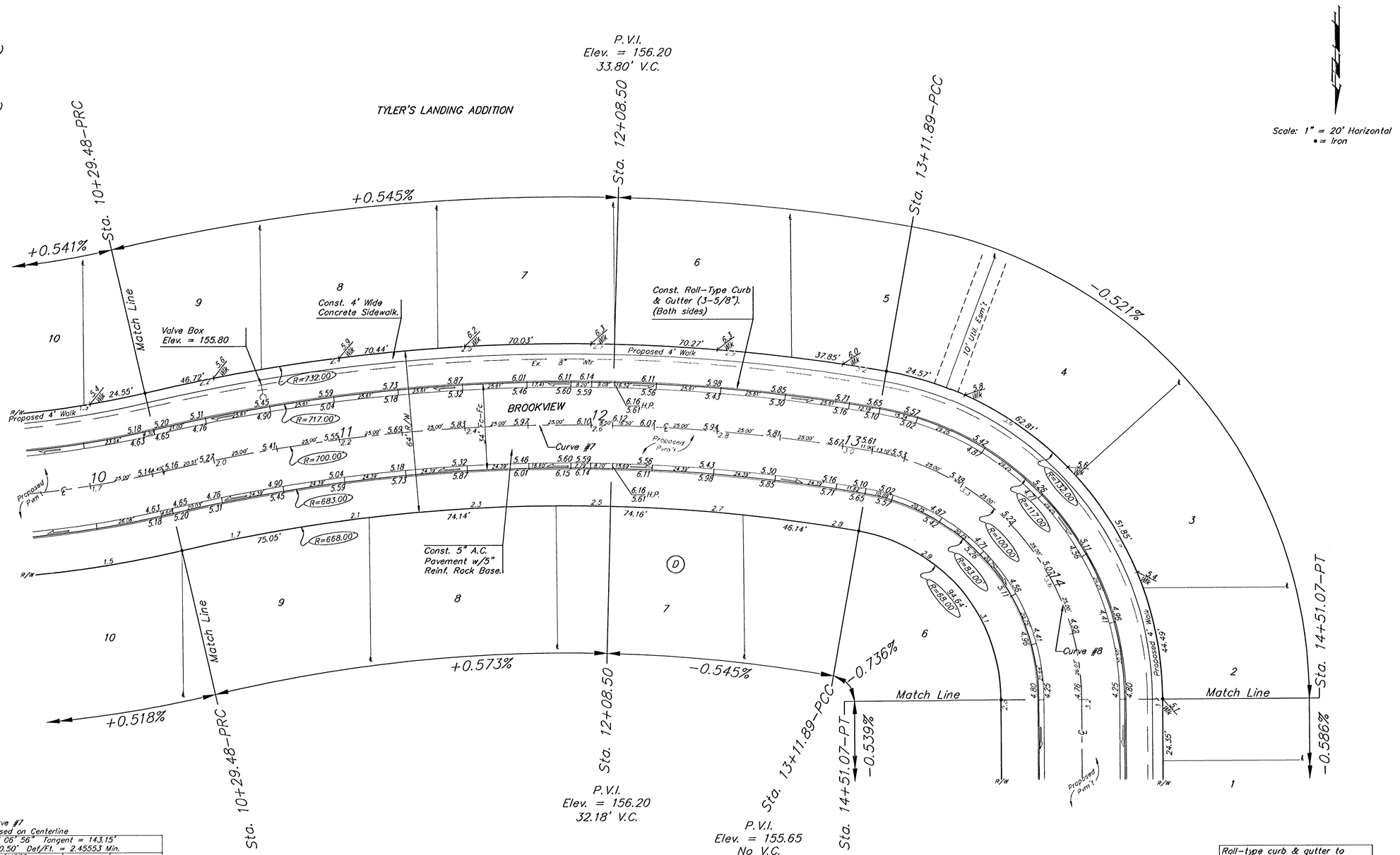
BENCHMARKS:

BM #1: 80d Spike in West face of North High Line Pole in East R/W Tyler Road 1/2 mile of South of 37th Street North. Elev. = 176.05 City Datum (1363.45 NGVD)

BM #2: "□" Cut Top of Curb on West side of Pepper Ridge 15'± South of Northeast Corner Lot 23, Block 5, Forest Lakes West Addition. Elev. = 157.12 City Datum (1344.52 NGVD)



Curve #7
Curve Data Based on Centerline
Rad. = 700' Delta = 23° 08' 56" Tangent = 143.15'
Arc = 282.41' L.C. = 280.50' Def/Ft. = 2.45553 Min.

Station	Arc	CHORD 8' Lt.	CHORD 8' Rt.	Defl.	T. Defl.
10+29.48	–	–	–	0°00'00"	0°00'00"
10+50.00	20.52'	21.25'	19.78'	0°50'23"	0°50'23"
10+75.00	25.00'	25.89'	24.10'	1°01'23"	1°51'46"
11+00.00	25.00'	25.89'	24.11'	1°01'24"	2°53'10"
11+25.00	25.00'	25.89'	24.10'	1°01'23"	3°54'33"
11+50.00	25.00'	25.89'	24.10'	1°01'23"	4°55'56"
11+75.00	25.00'	25.89'	24.11'	1°01'24"	5°57'20"
12+00.00	25.00'	25.89'	24.10'	1°01'23"	6°58'43"
12+08.50	8.50'	8.80'	8.19'	0°20'52"	7°19'35"
12+25.00	16.50'	17.09'	15.91'	0°40'31"	8°00'06"
12+50.00	25.00'	25.89'	24.10'	1°01'23"	9°01'29"
12+75.00	25.00'	25.89'	24.11'	1°01'24"	10°02'53"
13+00.00	25.00'	25.89'	24.10'	1°01'23"	11°04'16"
13+11.89	11.89'	12.32'	11.47'	0°29'12"	11°33'28"

Curve #8
Curve Data Based on Centerline
Rad. = 100' Delta = 79° 44' 32" Tangent = 83.53'
Arc = 139.18' L.C. = 128.21' Def/Ft. =17.18829 Min.

Station	Arc	CHORD 8' Lt.	CHORD 8' Rt.	Defl.	T. Defl.
13+11.89	–	–	–	0°00'00"	0°00'00"
13+25.00	13.11'	16.37'	9.82'	3°45'20"	3°45'20"
13+50.00	25.00'	31.17'	18.70'	7°09'43"	10°55'03"
13+75.00	25.00'	31.17'	18.70'	7°09'42"	18°04'45"
14+00.00	25.00'	31.17'	18.70'	7°09'42"	25°14'27"
14+25.00	25.00'	31.17'	18.70'	7°09'43"	32°24'10"
14+50.00	25.00'	31.17'	18.70'	7°09'42"	39°33'52"
14+51.07	1.07'	1.34'	0.80'	0°18'24"	39°52'16"

Roll-type curb & gutter to be constructed on the pavement on this sheet.
Top of curb elevations are given for full-height curb.

TYLER' LANDING ADDITION
BROOKVIEW
STA. 10+29.48 TO STA. 14+51.07

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

PROJECT NUMBER	SHEET
472-83892	8 OF 24

DESIGN	DRAWN	APPROVED	DATE	SCALE
NBW	CNX		6/4/03	NOTED

T:\Surveying\Proj\Str\83-03-E540