BENCHMARKS:

BM #1: "X" on the West End of the Steel Casing Pipe at the Railroad Crossing South of 37th Street North Sta. 25+90, 41' Rt. Elev. = 1336.58 MSL

BM #2: Steel T-Post Driven 4' Deep Sta. 18+00, 25' Rt. Elev. = 1337.73 MSL

BM #3: "□" in the Concrete Footing of the SBC Pedestal in the South West Corner of 37th Street North and Tyler Road Sta. 8+56, 95' Rt. Elev. = 1342.17 MSL

BM #4: Railroad Spike in the East Face of the 2nd Power Pole North of 37th Street and West of Tyler Road Sta. 94+24, 48' Lt. Elev. = 1342.85 MSL

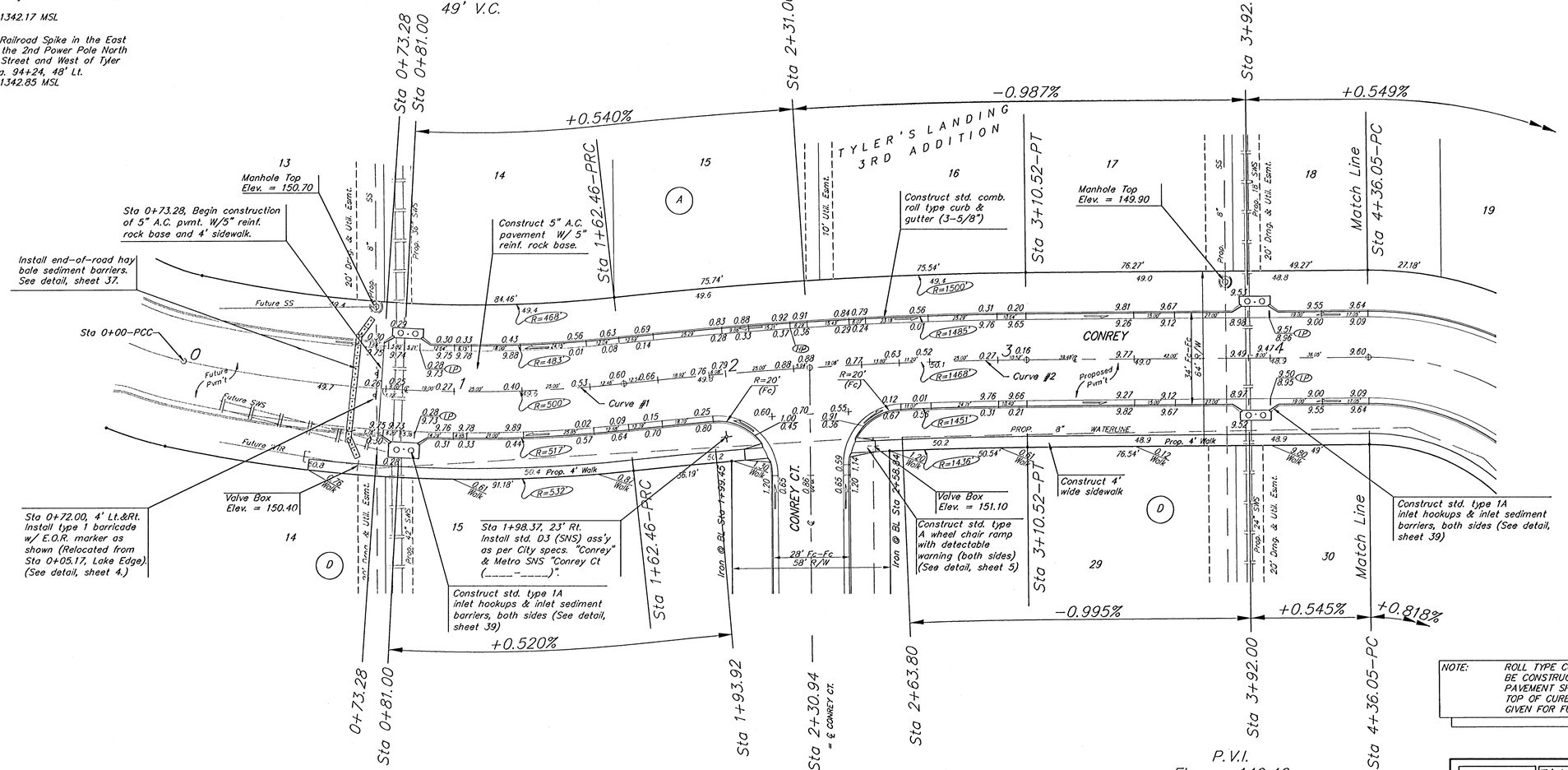
Curve #1
Curve Data Based on Centerline
Rad. = 500' Delta = 18°37'1" Tangent = 81.95'
Arc = 162.46' L.C. = 161.75' Def/Ft. = 3.43782 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+00.00	–	–	–	0°00'00"	0°00'00"
0+25.00	25.00'	26.25'	23.75'	1°25'57"	1°25'57"
0+50.00	25.00'	26.25'	23.75'	1°25'57"	2°51'53"
0+75.00	25.00'	26.25'	23.75'	1°25'57"	4°17'50"
0+81.00	6.00'	6.30'	5.70'	0°20'39"	4°38'28"
1+00.00	19.00'	19.95'	18.05'	1°05'19"	5°43'47"
1+25.00	25.00'	26.25'	23.75'	1°25'57"	7°09'44"
1+50.00	25.00'	26.25'	23.75'	1°25'57"	8°35'40"
1+62.46	12.46'	13.08'	11.84'	0°42'50"	9°18'31"

Curve #2
Curve Data Based on Centerline
Rad. = 1468' Delta = 5° 46' 42" Tangent = 74.09'
Arc = 148.06' L.C. = 147.99' Def/Ft. = 1.17081 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
1+62.46	–	–	–	0°00'00"	0°00'00"
1+75.00	12.54'	12.75'	12.33'	0°14'41"	0°14'41"
1+93.92	18.92'	19.24'	18.60'	0°22'09"	0°36'50"
2+30.94	37.02'	37.65'	36.39'	0°43'20"	1°20'10"
2+63.80	32.86'	33.42'	32.30'	0°38'28"	1°58'39"
2+75.00	11.20'	11.39'	11.01'	0°13'07"	2°11'46"
3+00.00	25.00'	25.42'	24.57'	0°29'16"	2°41'02"
3+10.52	10.52'	10.70'	10.34'	0°12'19"	2°53'21"

Scale: 1" = 20'
• = Iron



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.

Baughman

Tyler's Landing 3rd Addition - Phase I
Conrey
STA 0+50.00 TO STA 4+36.05

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84262
REVISIONS
DESIGN AEG DRAWN JWH/TMS
APPROVED DATE 08/05
SCALE Noted
SHEET **6** OF **52**

tylers landing 3rdfpart1.dwg 0507-E283