Benchmarks:

BM #1: "□" Cut in Middle of Curb Inlet Top, North Curb of Conrey, Adjacent to SW Corner of Lot 14, Block A, Tyler's Landing 3rd Addition.
Elev. = 150.29 (1337.69 M.S.L.)

BM #2: "□" Cut in Top of East Curb of High Point, 10' South of End of Return. Adjacent to Lot 1, Block D, Tyler's Landing Addition.
Elev. = 155.28 (1342.68 M.S.L.)

Curve #3
Curve Data Based on Centerline

Rad. = 150' Delta = 89°10'17" Tangent = 147.85'
Arc = 233.45' L.C. = 210.59' Def./Ft. = 11.45916 Min.

Station	Arc	Face Chord Lengths 8' Left	Face Chord Lengths 8' Right	Defl.	Total Defl.
−0+34.61	–	–	–	0°00'00"	0°00'00"
−0+29.93	4.68'	5.46'	3.90'	0°53'38"	0°53'38"
0+00.00	29.93'	34.86'	24.90'	5°42'58"	6°36'36"
0+29.84	29.84'	34.76'	24.83'	5°41'57"	12°18'33"
0+50.00	20.16'	23.50'	16.79'	3°51'01"	16°09'34"
0+75.00	25.00'	29.13'	20.81'	4°46'28"	20°56'02"
1+00.00	25.00'	29.13'	20.81'	4°46'29"	25°42'31"
1+25.00	25.00'	29.13'	20.81'	4°46'29"	30°29'00"
1+50.00	25.00'	29.13'	20.81'	4°46'29"	35°15'29"
1+75.00	25.00'	29.13'	20.81'	4°46'28"	40°01'57"
1+98.84	23.84'	27.78'	19.85'	4°33'11"	44°35'08"

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.

VALVE LOCATION TABLE

VALVE NUMBER	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
3	0+21.50	26.00'	Lt.
4	3+80.42	25.63'	Lt.

Paving contractor will be responsible to operate all water valves on the project, in the presence of the inspector, to ensure accessibility to the valves, and that all valves are left in the "ON" position when the project is completed."

Curve #4
Curve Data Based on Centerline

Rad. = 800' Delta = 14°30'33" Tangent = 101.84'
Arc = 202.58' L.C. = 202.05' Def./Ft. = 2.14866 Min.

Station	Arc	Face Chord Lengths 8' Left	Face Chord Lengths 8' Right	Defl.	Total Defl.
1+98.84	–	–	–	0°00'00"	0°00'00"
2+00.00	1.16'	1.12'	1.20'	0°02'30"	0°02'30"
2+25.00	25.00'	24.22'	25.78'	0°53'43"	0°56'13"
2+50.00	25.00'	24.22'	25.78'	0°53'43"	1°49'56"
2+75.00	25.00'	24.22'	25.78'	0°53'43"	2°43'39"
3+00.00	25.00'	24.22'	25.78'	0°53'42"	3°37'21"
3+25.00	25.00'	24.22'	25.78'	0°53'43"	4°31'04"
3+50.00	25.00'	24.22'	25.78'	0°53'43"	5°24'47"
3+75.00	25.00'	24.22'	25.78'	0°53'43"	6°18'30"
4+00.00	25.00'	24.22'	25.78'	0°53'43"	7°12'13"
4+01.42	1.42'	1.38'	1.46'	0°03'04"	7°15'17"

Baughman

Tyler's Landing 3rd Addition - Phase 3

High Point

Street Paving Improvements

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 472-84496

REVISIONS:

DESIGN RDM/AEG — DRAWN RDM
APPROVED AEG — DATE OCT 2007
SCALE Noted
SHEET 7 OF 23

Tyler's Landing 3rd\Phase 3\STR\06-10_STR_1.dwg — 07-09-E925