

**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		Defl.	Total Defl.
		8' Left	8' Right		
-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

Construct 4' wide side walk from end of existing sidewalk. Any damage to lawn within Lot 16 or adjacent street R/W shall be replaced with sod to match existing grass. Contractor shall relocate any sprinkler heads in conflict with sidewalk construction.

Construct 5" A.C. pavement w/ 5" reinf. rock base.

Construct std. comb. roll type curb & gutter (3-5/8")

Construct 4' wide sidewalk (4" Thick)

Remove Trees only as necessary for sidewalk construction.

Saw-Cut and Remove existing curb to nearest joint (Both Sides). Saw-cut existing A.C. pvm't between nearest joints and remove A.C. pvm't as needed.

Sta 0+27.91, 23' Lt. Install std. D3 (SNS) ass'y as per City specs. "High Point"

Sta 3+70.70, 23' Rt. Install std. D3 (SNS) ass'y as per City specs. "High Point" & Metro SNS "High Point Ct. (3606-3646)"

Construct 7" reinforced concrete valley gutter pavement with monolithic curb (3-5/8")

Caution! Ex. U/G CATV Depth Unknown.

Construct std. type A wheel chair ramp with detectable warning (both sides) (See detail, sheet 5)

**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		Defl.	Total Defl.
		8' Left	8' Right		
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"

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 High Point**  
 Street Paving Improvements

Tyler's Landing 3rd Addition - Phase 3

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: 47284496  
 DESIGN: RDM/AEG DRAWN: RDM  
 APPROVED: AEG DATE: OCT 2007  
 REVISIONS:  
 SCALE: Noted  
 SHEET: 7 OF 23

Tyler's Landing 3rd Phase 3\STR\0610\_STR\_1.dwg 07-09-E925

