



BENCH MARK LIST

- BM #201—CHISELED SQUARE ON WEST TOP OF CURB TYLER ROAD AT SOUTH END OF CURB RETURN (229 N. TYLER ROAD). ELEV.=1326.26 (NAVD88)
- BM #202—CHISELED SQUARE ON WEST TOP OF CURB TYLER ROAD AT NORTH PROPERTY LINE EXTENDED (259 N. TYLER ROAD). ELEV.=1325.53 (NAVD88)
- BM #203—CHISELED SQUARE ON WEST TOP OF CURB TYLER ROAD AT NORTH END OF RETURN ROLLING HILLS STREET. ELEV.=1325.32 (NAVD88)
- BM #204—CHISELED SQUARE ON WEST TOP OF CURB TYLER ROAD AT NORTH END OF RETURN (437 N. TYLER ROAD). ELEV.=1328.66 (NAVD88)
- BM #205—CHISELED SQUARE ON WEST TOP OF CURB TYLER ROAD NORTH OF AUTO ZONE ENTRANCE. ELEV.=1332.58 (NAVD88)
- BM #206—CHISELED SQUARE AT SOUTHWEST CORNER DRAINAGE FLUME, UNDER WALK AT NORTHWEST CORNER SELF STORAGE PROPERTY. ELEV.=1331.30 (NAVD88)

SECTION CORNERS

- WEST 1/4 COR. SEC. 21, T27S, R1W**
 N 1,685,530.783 E 1,617,805.537
 1. FOUND 3/4" IRON PIPE IN THIMBLE, TYLER RD. AND 2ND ST.
 2. TO CHISELED CROSS ON TOP OF CURB 52.65° SE
 3. TO 3/4" IRON PIPE 58.13° ESE
 4. TO CHISELED CROSS ON TOP OF CURB 57.78° NE
- CENTER SEC. 21, T27S, R1W**
 N 1,685,643.041 E 1,620,446.292
 1. FOUND 1/2" IRON PIPE 8.32° W
 2. TO WOOD FENCE 23.27° S
 3. TO SOUTH END OF WOOD FENCE 14.81° ENE
 4. TO CHISELED CROSS ON TOP OF CURB
- SW COR. SEC. 21, T27S, R1W**
 N 1,682,874.511 E 1,617,870.252
 1. FOUND 3/4" IRON PIPE IN THIMBLE, MAPLE AND TYLER
 2. TO CHISELED CROSS IN SE BOLT OF SIGNAL BASE 49.23° NW
 3. TO CHISELED CROSS IN SW CORNER OF CURB ISLAND 42.74° NE
 4. TO CHISELED CROSS IN NW CORNER OF SIGNAL POLE BASE 73.94° SE
 5. TO CHISELED CROSS IN NE CORNER OF SIGNAL POLE BASE 59.77° SW
- NORTHWEST COR. SEC. 21, T27S, R1W**
 N 1,688,164.203 E 1,617,744.599
 1. FOUND 1/2" IRON PIPE IN THIMBLE, CENTRAL AND TYLER
 2. TO CENTER OF TRAFFIC MANHOLE 104.38° NE
 3. TO CENTER OF LIGHT POLE 111.24° NE
 4. TO CENTER OF STORM WATER SEWER INLET MANHOLE 122.40° ENE

CONTROL POINTS

- Pt. No. 101**
 1/2" REBAR
 N: 1,685,168.583 E: 1,617,782.063
 1. 47.50° S TO CENTER POWER POLE
 2. 8.00° E TO WEST BACK OF CURB, TYLER ROAD
 3. 21.50° SSE TO CENTER WATER METER
- Pt. No. 102**
 1/2" REBAR
 N: 1,685,521.036 E: 1,617,774.384
 1. 7.20° E TO BACK WEST CURB TYLER ROAD
 2. 8.00° N TO CENTER OF GUY POLE
 3. 7.30° NW TO GUY ANCHOR
- Pt. No. 103**
 1/2" REBAR
 N: 1,685,939.043 E: 1,617,742.199
 1. 13.80° E TO WEST EDGE SIDEWALK, WEST SIDE TYLER ROAD
 2. 66.00° NE TO WEST BOLT WESTAR POLE BASE
 3. 20.00° S TO BACK NORTH CURB ROLLING HILLS
- Pt. No. 104**
 1/2" REBAR
 N: 1,686,443.438 E: 1,617,742.549
 1. 2.10° E TO WEST EDGE SIDEWALK, WEST SIDE TYLER ROAD
 2. 36.50° NE TO SW COR. BLACK MAILBOX POST
 3. 29.00° SE TO CENTER CROSSWALK POST
- Pt. No. 105**
 1/2" REBAR
 N: 1,686,879.940 E: 1,617,727.782
- Pt. No. 106**
 1/2" Rebar/Blue PEC Cap
 N: 1,688,376.694 E: 1,617,806.032
 1. 3.0° E TO WEST EDGE SIDEWALK
 2. 9.5° S TO NORTH EDGE SOUTH DRIVE TO O'REILLY
 3. 31.30° NNW TO BELL PEDESTAL

WATERLINE ADJUSTMENT NO. 1				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
4000	1,685,203.1502	1,617,841.4852	0+21.55	45° BEND
4001	1,685,206.9938	1,617,845.1308	0+26.85	45° BEND
4002	1,685,216.9903	1,617,844.8666	0+36.85	22 1/2° BEND
4003	1,685,225.9316	1,617,840.8831	0+46.64	22 1/2° BEND

WATERLINE ADJUSTMENT NO. 2				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
4004	1,685,716.7798	1,617,840.4761	1+23.00	45° BEND
4005	1,685,721.9081	1,617,845.3359	1+30.07	45° BEND
4006	1,685,771.8901	1,617,843.9923	1+80.07	45° BEND
4007	1,685,776.7499	1,617,838.8640	1+87.13	45° BEND

WATERLINE ADJUSTMENT NO. 3				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
4008	1,686,270.4597	1,617,829.0701	0+88.90	45° BEND
4009	1,686,273.9599	1,617,832.3878	0+93.72	45° BEND
4010	1,686,289.9541	1,617,831.9598	1+09.72	45° BEND
4011	1,686,293.4593	1,617,828.4547	1+14.54	45° BEND

WATERLINE ADJUSTMENT NO. 4				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
4012	1,686,438.8554	1,617,824.5642	1+18.20	22 1/2° BEND
4013	1,686,448.5957	1,617,828.3375	1+28.65	22 1/2° BEND
4014	1,686,464.5915	1,617,827.9679	1+44.65	22 1/2° BEND
4015	1,686,474.4577	1,617,823.6115	1+55.44	22 1/2° BEND

WATERLINE ADJUSTMENT NO. 5				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
4016	1,687,139.3367	1,617,807.5670	0+04.30	45° BEND
4017	1,687,143.2557	1,617,811.0131	0+09.52	45° BEND
4018	1,687,160.2207	1,617,809.9239	0+26.52	45° BEND
4019	1,687,163.9179	1,617,805.7195	0+32.11	45° BEND

FH RELOCATION NO. 1				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
4020	1,685,511.2460	1,617,859.2812	3+57.30	FH

FH RELOCATION NO. 2				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
4021	1,685,924.3869	1,617,762.5615	0+72.30	FH

LEGEND

- EXISTING WATER MAIN -----
- PROPOSED WATER MAIN -----
- EXISTING WATER VALVE -----
- PROPOSED WATER VALVE -----
- EXISTING FIRE HYDRANT -----
- PROPOSED FIRE HYDRANT -----
- EXISTING BLOW OFF -----
- PROPOSED BLOW OFF -----
- EXISTING AIR RELEASE -----

SCALE: 1" = 50'



No.	Revision	By	Date
TYLER ROAD BETWEEN MAPLE AND CENTRAL WATERLINE ADJUSTMENTS			
WATERLINE BUBBLE MAP			
GARY JANZEN, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 448-90829			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com			
Designed by	JAC, TBK	Job No.	35-15956-001
Drawn by	CSL, GAS	Date	MARCH 2017
			Sht. B3 of 20

Sowed 07-28-2017 1:54:55 PM by: CSL
 Plot Scale 1:1 08-01-2017 3:56:59 PM by: CSL
 U:\Wichita-Civil\2015\15956\001\Drawings\15956-001-B03-WATERLINE BUBBLE MAP