Edward D. Smith

Benchmarks
BM #1
Capped Bar on Northeast Corner Valleyview Street And Central Avenue
Elev. = 46.030

Delois Vasquez

Surendra P. Singh Etux

Dean L. & Sandra M. Miller

Patrick N. Adamson Etux

Nona C. Kelley

Roy R. Selders

Diedra P. Chapin

Westlink Church of Christ

Jerad R. & Adrienne M. Krueger

Five-J Development Co. Inc.

Carl J. Cole Etux

Benedict N. & Rita M. Carney

MATCH LINE Sta. 1+300.00

MATCH LINE Sta. 1+445.00

VALLEYVIEW LANE

CHIPPER LANE

CENTRAL AVENUE

1+300

1+350

1+400

1+450

S88°21'30.53"E

N 1°38'29"E

S 1°38'29"W

S 2°34'27"W

+0.29%

+0.92%

+0.17%

18.288 M R/W

9.144 M Fc - Fc

Sta. 1+324.950

Sta. 1+346.684

Sta. 1+372.670

Sta. 1+444.760

Sta. 1+303.56 ℄ 3.7 M Drive

Sta. 1+327.25 ℄ 9.2 M Drive

Sta 1+351.75 Off 15.24 LT

Sta 1+370.04 Off 15.24 LT

Sta 1+448.07 Off 15.24 LT

Sta. 1+345.983 ℄ 45.963

Sta. 1+373.194 ℄ 46.281

Sta. 1+348.684 ℄ 45.988

Sta. 1+379.670 ℄ 45.992

Sta. 1+346.311 ℄ 45.647

Sta. 1+443.485 ℄ 46.256

POT 4+500.000 Valleyview Lane = 1+360.344 Central Avenue

POT 4+000.000 Valleyview Lane = 1+359.277 Central Avenue

Existing R.O.W.

Limits of Construction

Construct 1.5 M Width Sidewalk (100 mm)

Construct Type I Combined Curb and Gutter (150 mm)

Construct 175 mm AC Pavement W/ 200 mm Crushed Rock Base Transition Section

Construct 175 mm Asphalt Pavement (125 mm Bituminous Base) on 200 mm Reinforced Crushed Rock Base

Construct Wheelchair Ramps Typical Four Corners (See Pavement Details)

Saw Cut neat line or remove to a joint

Match Existing Sta. 4+515.793, 17.648 Lt. Valleyview Lane North

Match Existing Sta. 4+018.732, 18.731 Rt. Valleyview Lane South

Proposed Waterline To Be Constructed By Others In A Separate Project.

Sta. 1+349.142, 7.787 M Lt. Construct Reinforced Concrete Manhole (L= 2.440 M, W= 2.440 M) Elev. = 46.043 Top Tie Existing 600 mm RCP and 450 mm RCP Into The Proposed Concrete Manhole Line 2A See Profile, Sht. 23

Sta. 1+349.135, 7.785 M Lt. Remove Existing Inlet (413)

Sta. 1+347.719, 9.760 M Lt. Construct Standard Type I Inlet (L= 1.930 M, W= 1.300 M) Elev. = 46.102 Top Line 2A See Profile, Sht. 23 (412)

Sta. 1+345.146, 9.760 M Rt. Construct Standard Type I Inlet (L= 1.930 M, W= 1.300 M) Elev. = 46.117 Top Line 2D See Profile, Sht. 23 (410)

Sta. 1+348.198, 8.205 M Rt. Remove Existing Inlet

Sta. 1+348.220, 7.906 M Rt. Construct Reinforced Concrete Manhole (L= 2.440 M, W= 2.440 M) Elev. = 46.040 Top Tie Existing 600 mm RCP, 600 mm RCP and 375 mm RCP Into The Proposed Concrete Manhole Line 2D See Profile, Sht. 23 (411)

Sta. 1+366.154, 17.400 M Lt. Install 10.243 M x 375 mm RCP Tie Into Existing Inlet

Sta. 1+373.635, 9.760 M Lt. Construct Standard Type I Inlet (L= 1.930 M, W= 1.300 M) Elev. = 46.117 Top Line 2B See Profile, Sht. 23 (416)

Sta. 1+371.462, 7.811 M Lt. Remove Existing Inlet Remove 375 mm x 11.285 M RCP

Sta. 1+374.159, 9.760 M Rt. Construct Standard Type I Inlet (L= 1.930 M, W= 1.300 M) Elev. = 46.117 Top Line 2C See Profile, Sht. 24 (415)

Sta. 1+370.434, 7.862 M Rt. Remove Existing Inlet

Sta. 1+370.434, 7.862 M Rt. Construct Reinforced Concrete Manhole (L= 2.440 M, W= 2.440 M) Elev. = 46.040 Top Tie Existing 375 mm RCP Into The Proposed Concrete Manhole Line 2C See Profile, Sht. 24 (414)

Sta. 1+410.788, 9.768 M Lt. 0.1 M Diameter Tree

Sta. 1+431.698, 10.519 M Lt. 0.1 M Diameter Tree

Sta. 1+393.176, 10.475 M Lt. Remove 0.1 M Diameter Tree

Sta. 1+402.128, 10.4612 M Lt. Remove 0.1 M Diameter Tree

Sta. 1+422.118, 10.48 M Lt. Remove 0.1 M Diameter Tree

Sta. 1+336.097, 10.148 M Rt. 0.2 M Diameter Tree

Sta. 1+327.091, 10.317 M Rt. 0.2 M Diameter Tree

Sta. 1+381.170, 9.990 M Rt. 0.1 M Diameter Tree

Sta. 1+417.784, 9.851 Rt. 0.1 M Diameter Tree

Sta. 1+427.438, 9.758 Rt. 0.1 M Diameter Tree

Sta. 1+435.578, 10.24 Rt. 0.1 M Diameter Tree

Line 2A

Line 2B

Line 2C

Line 2D

Water Valve Box Table

Station	Offset (M)	Existing (M)	Proposed (M)	Valve #
1+353.188	16.240 Lt.	46.087	———	10749
1+367.315	12.350 Lt.	46.075	46.196	10748
1+369.696	12.875 Lt.	46.200	46.225	2307

Manhole Adjustment Table

Type	Station	Offset (M)	Existing (M)	Proposed (M)
SWB	1+313.147	3.838 Lt.	45.716	45.908

Central Ave. Maize Road to Tyler / Aquila Gas Probes

Station	Side	Address	Main Type and Location	Measured Depth
1+310.00	Rt.	10025 W. Central	2" Main	79" Deep at Walk
78474		Westlink Church of Christ	32' S. of ℄ of Central	
			158' W. of ℄ of Valleyview	
			T.O.P. to T.O.C.	
1+310.00	Rt.	10025 W. Central	2" Main	79" Top of Walk
78475		Westlink Church of Christ	32' S. of ℄ of Central	86" Top of Hub
			158' E. of ℄ of Valleyview	
			T.O.P. to T.O.C.	
1+310.00	Lt.	701 Valleyview	2" Main	36" Top of Walk
78476		700 Crestline	32' N. of ℄ of Central	46" Top of Hub
			158' W. of ℄ of Valleyview	
			T.O.P. to T.O.C.	

CITY OF WICHITA
CENTRAL AVENUE IMPROVEMENTS

PROPOSED IMPROVEMENTS
Sta. 1+300.000 – Sta. 1+445.000

WICHITA KANSAS

BY | REVISIONS | DATE

BG CONSULTANTS, INC.

BGSystems Corporation
245 North Waco, Suite 420
Wichita, Kansas 67202

DESIGNED B.A.L. | DRAWN M.P.M.
CHECKED J.R.L. | DATE 1/2003
SCALE 1:200 | SHEET NO. 3