BENCHMARK:
City Disc – Maize Road & McCormick (Hidden Valley) 0.5 Mi. South of Maple on the NE Corner of R.C.B.C Over Cowskin Creek, South of Hidden Valley Elev. = 1318.93 City Datum (1318.93 NGVD29)

Scale: 1" = 20'
• = Iron

Sta 4+21.29 Match Point

-0.585%

Existing building has already been removed. Shown for reference only.

Construct std. comb. full height curb & gutter (6-5/8")

Construct 6" A.C. pavement W/ 6" reinf. rock base.

Construct 4' wide sidewalk – both sides.

Sta 6+13.52

Existing parking lot has already been removed. Shown for reference only.

-1.743%

Sta 6+83.78

P.V.I.
Elev. = 1321.40
No V.C.

-1.735%

Sta 7+44.03

-0.564%

Sta 7+92.02

Construct std. comb. median curb & gutter

Sta 7+92.02, 32' Lt. Install Metro D3 (SNS) ass'y as per City specs. "Maize (600 S)" & "Maize Ct (619-655 S)".

Construct Std. Type A Wheel Chair Ramp with Detectable Warning (Both Sides) (See Detail, Sheet 4).

Saw, cut, and remove 114 L.F. existing Curb & Gutter as shown. To be incidental to "Site Clearing & Restoration".

Sta 8+46.47
= ℄ Maize Ct.

Sta. 7+55, 1.9' Lt. & 7+93, 1.5' Lt., Install R4-7 (keep right) & OM-1 sign.

Const. 8" Reinforced Concrete Valley Gutter Pavement on 6" Rein. Rock Base w/Monolithic Edge Curb. (6-5/8")(See Detail, Sheet 4)

Sta 7+92.02
End Construction of 5" A.C. Pavement w/5" Reinf. Rock Base.

MAIZE ROAD

MAIZE CT.

**Exist. Valve Box Elev. = 1324.30. Adjust down to Elev. = 1324.00

Curve #2

Iron @ Sta 7+96.44

Sta 7+92.02, 32' Rt. Install R1-1 (Stop) sign.

Existing SWS – By Others.

Construct std. type 1A inlet hookups & inlet sediment barriers, both sides (See detail, sheets 8-11)

Construct Std. Type A Wheel Chair Ramp with Detectable Warning (Both Sides) (See Detail, Sheet 4).

-0.657%

From Sta. 5+61.19 to Sta. 6+13.52, notch curb for future Drive Approach. Drive Approach to be installed by others.

Sta 4+21.29 Match Point
P.V.I.
Elev. = 1324.87
No V.C.

**Exist. Valve Box Elev. = 1324.30. Adjust down to Elev. = 1324.10

Sta 6+13.52
P.V.I.
Elev. = 1323.68
No V.C.

-1.964%

Sta 7+06.21

Sta 7+28.50

Sta 6+83.78
P.V.I.
Elev. = 1322.38
No V.C.

-1.492%

Sta 7+49.37
P.V.I.
Elev. = 1321.40
No V.C.

-2.486%

Sta 7+92.02

Curve #2
Curve Data Based on Centerline
Rad. = 345' Delta = 47°19'8" Tangent = 151.15'
Arc = 284.92' L.C. = 276.90' Def/Ft. = 4.98233 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
4+21.29	–	–	–	0°00'00"	0°00'00"
4+25.00	3.71'	4.01'	3.41'	0°18'29"	0°18'29"
4+50.00	25.00'	27.02'	22.97'	2°04'34"	2°23'03"
4+75.00	25.00'	27.02'	22.97'	2°04'34"	4°27'36"
5+00.00	25.00'	27.02'	22.97'	2°04'34"	6°32'010"
5+25.00	25.00'	27.02'	22.97'	2°04'34"	8°36'43"
5+50.00	25.00'	27.02'	22.97'	2°04'34"	10°41'17"
5+61.19	11.19'	12.10'	10.28'	0°55'45"	11°37'02"
5+75.00	13.81'	14.93'	12.69'	1°08'48"	12°45'50"
6+00.00	25.00'	27.02'	22.97'	2°04'34"	14°50'24"
6+13.52	13.52'	14.62'	12.42'	1°07'22"	15°57'45"
6+25.00	11.48'	12.41'	10.55'	0°57'12"	16°54'57"
6+50.00	25.00'	27.02'	22.97'	2°04'34"	18°59'31"
6+75.00	25.00'	27.02'	22.97'	2°04'34"	21°04'04"
6+83.78	8.78'	9.49'	8.07'	0°43'45"	21°47'49"
7+00.00	16.22'	17.54'	14.90'	1°20'49"	23°08'38"
7+06.21	6.21'	6.71'	5.71'	0°30'56"	23°39'34"

WATER VALVE LOCATION TABLE

VALVE NUMBER	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V3	6+13.52	29'	Lt.
V4	6+13.52	24.5'	Rt.

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.

**Valve Box Adjustments shall be incidental to bid item "Site Clearing and Restoration".

Baughman

Lillie 2nd Addition
Maize Ct.
Street Paving

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 472-84286

REVISIONS:

DESIGN MWS | DRAWN MWS
APPROVED MWS | DATE 08/07
SCALE Noted
SHEET 6 OF 16

E:\eng\Lillie Office Park\str1.dwg 06-06-E589