P.T. Sta. 42+05.75
1. N=1681168.58, E=1637730.78

P.C. Sta. 42+35.24
1. N=1681142.02, E=1637743.60

Sta. 39+09.00 McCormick Const.
Std. Manhole (Precast), 37.79' Lt.
Manhole Dia.=4'-0"
Manhole Top = 112.00
See Sht. No. 14 & 33

Sta. 40+58.40 McCormick Const.
Std. Manhole (Precast), 31.69' Lt.
Manhole Dia.=4'-0"
Manhole Top= 115.20
See Sht. No. 14 & 33

Sta. 42+31.1 McCormick Install
18" RCP End Section, 38.52' Lt.
Const. RCP Outfall
See Sht. No. 14 & 37

Sta. 43+00 McCormick Install
15" RCP End Section, 57.43' Lt.
Const. RCP Outfall
See Sht. No. 15 & 37

Sta. 43+00 McCormick Const.
Curb Inlet (Type 1A), 25.67' Lt.
L=6'-4", W=4'-4"
Inlet Top = 111.09
See Sht. No. 15 & 27

P.I. Sta. 44+27.74 (Bk.)=
P.I. Sta. 43+85.04 (Ahead)
Δ = 65°22'25"
T = 192.50'
R = 300.00'
L = 342.30'
E = 56.45'
N. C.

Sta. 43+13.17 to Sta. 44+66.44
Const. Retaining Wall, 35.39' Lt.
Install Pedestrian Handrail
See Sht. No. 38 & 39

Sta. 43+65.22 McCormick =
Sta. 10+00.00 Dondlinger

SCALE: 1"=20'
20 10 0 20

P.V.I.
Elev.=113.94
150' V.C.

Sta. 39+08 McCormick,
25.25' Lt. Existing sign
to be relocated by
Newman University

39+09 P.V.C.
39+84 P.V.I.
39+89.89 P.V.T.
40+59 P.V.T.
39+60 P.V.C.
+1.03% (Based on C/L)
-0.88% (Based on C/L)
-0.17% (Based on C/L)
NEWMAN SIGN
STEEL BOX
5' Sidewalk
Const. Limits
Pond
8' Sidewalk
Transition 8' walk to 5' walk in 10'
44+19.40 P.V.C.
44+69.40 P.V.I.
P.V.I.
Elev.=109.66
100' V.C.
Dondlinger
Δ=16°09'16"
R=150.00'
L=42.30'
Δ=156°10'16"
R=3.75'
L=10.22'
Δ=180°00'0"
R=4.00'
L=12.57'
+35.24 P.C.
+05.75 P.T.
+23.36 20.00' Rt.
+08.78 20.00' Rt.
MAEC 24"
HP
R/W

Sta. 41+75 McCormick Begin
Pavement Underdrain, Lt. & Rt.
Cap drain end.
See Sht. No. 35

Sta. 43+00 McCormick, End
Pavement Underdrain, Lt. & Rt.
Connect to Proposed Inlets.
See Sht. No. 16, 35

Sta. 43+00 McCormick Const.
Curb Inlet (Type 1A), 25.67' Rt.
L=6'-4", W=4'-4"
Inlet Top = 111.09
Connect Exist. 12" RCP to Inlet
Abandon exist. 12" RCP (E)
See Sht. No. 15 & 27

Sta. 43+05 McCormick Begin
Pavement Underdrain, Lt. & Rt.
Cap drain end.
See Sht. No. 35

(46)

UTILITIES

CATV – Cox Communications (Cable)	262-0661
E – Westar Energy (Electric)	261-6512
SWS – City of Wichita Stormwater Utility	268-4071
SS & W – City of Wichita Water Dept.	262-6000
T – SBC (Telephone)	800-870-8390

MEDIAN LOCATION

Point No.	Station	Offset	Elevation	
			High Edge	Top Curb
45	42+73.79	8.00' Lt.	111.23	111.92
46	42+73.81	142.00' Rt.	Radius Point	
47	43+15.54	0.82' Rt.	111.00	111.69
48	43+14.03	4.25' Rt.	Radius Point	
49	43+14.03	8.00' Rt.	111.03	111.72
50	43+17.64	5.05' Rt.	110.90	111.58
51	44+04.39	4.00' Rt.	110.16	110.81
52	44+08.33	0.00' Rt.	110.20	110.89
53	44+08.33	4.00' Rt.	Radius Point	
54	44+08.33	8.00' Rt.	110.03	110.72

C.P. #1 Sta. 41+43.86, 7.57 Lt.
1. N=1681225.78, E=1637704.38
2. 5/8" Bar w/red MKEC Cap

LEGEND

Drive, Pavement and/or Sidewalk Removal

Install 2-6" PVC (Sch. 40) Irrigation Sleeves, 2.5' apart extending 2' beyond Back of Curb

MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

McCORMICK AVENUE STREET IMPROVEMENTS
PROJECT NAME

McCORMICK - STA. 39+00 TO STA. 45+00
SHEET TITLE

JRA	WNJ	JRA
DESIGN BY:	DRAWN BY:	CHECKED BY:
AUGUST 2005	03245	7 / 111
DATE	JOB NO.	SHEET/OF

J:\Civil\03245\dwg\pave\03245e04.dwg 1/21/2005 1:18:48 PM CST