PHASE 2

GRASS & LANDSCAPE PLANTING FOR

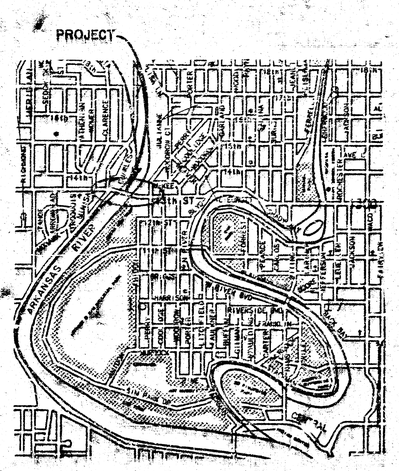
13TH. & McLEAN IMPROVEMENTS

PROJECT NO. 472 - 82233

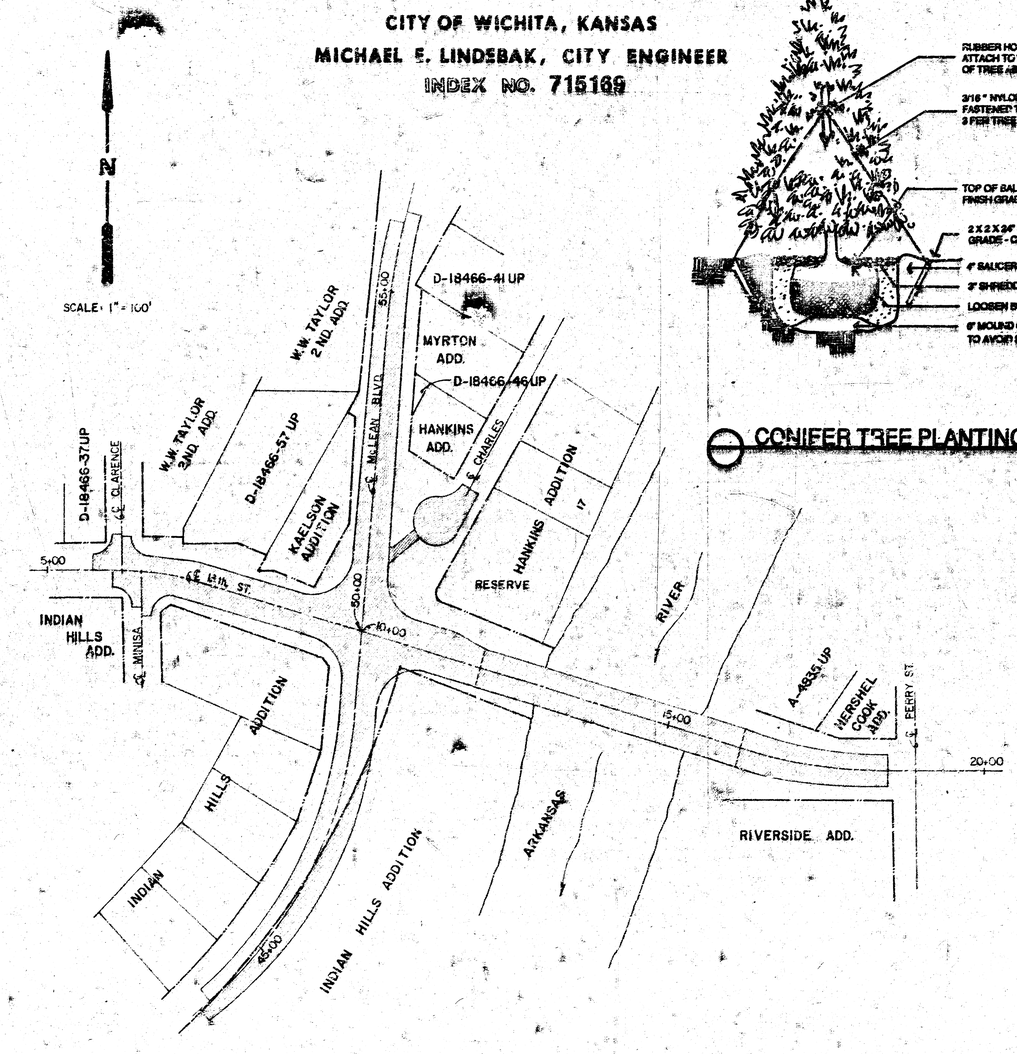
CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

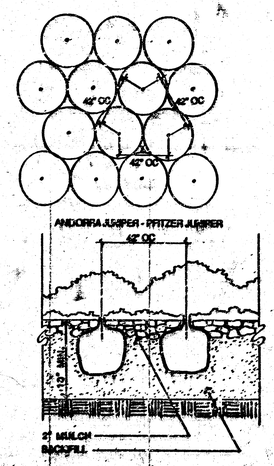
INDEX NO. 715169



LOCATION MAP



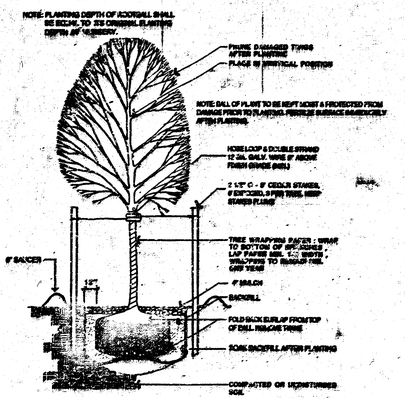
CONIFER TREE PLANTING DETAIL



EVERGREEN PLANTING DETAIL SHRUB

PLANT LIST

QUANT.	COMMON NAME / BOTANICAL NAME	SIZE	COND. REMARKS
6	LACEBARK ELM *Ulmus parvifolia*	2-2½"	B&B
12	SKYCOLE / SEEDLESS ASH *Fraxinus pennsylvanica 'Marshall Seedless'*	2-2½"	B&B
11	SHADEMASTER HONEYLOCUST *Gleditsia triacanthos 'Shademaster'*	2-2½"	B&B
9	AUTUMN PURPLE ASH *Fraxinus americana 'Autumn Purple'*	2-2½"	B&B
9	CHANTICLEER PEAR *Pyrus calleryana 'Chanticleer'*	6'-8'	B&B
3	SPRING SNOW CRABAPPLE *Malus x 'Spring Snow'*	6'-8'	B&B
7	INDIAN ROBBER CRABAPPLE *Malus x 'Indian Summer'*	6'-8'	B&B
8	VANDEVERE CRABAPPLE *Malus x 'Van Eseltine'*	6'-8'	B&B
9	AMUR MAPLE *Acer ginnala*	6'-8'	B&B
8	AUSTRIAN PINE *Pinus nigra*	6'-8'	B&B
99	COMPACT ANDORRA JUNIPER *Juniperus horizontalis 'Plumosa'*	2 gal.	B&B
12	PFITZER JUNIPER *Juniperus chinensis pfitzeriana*	5 gal.	B&B



DECIDUOUS TREE PLANTING

DALTON C. FOSTER LICENSED 5532 PROFESSIONAL ENGINEER

CITY OF WICHITA

13TH. & MC LEAN LANDSCAPE PLANS

PROJECT NO. 472-82233

Design

Drawn by

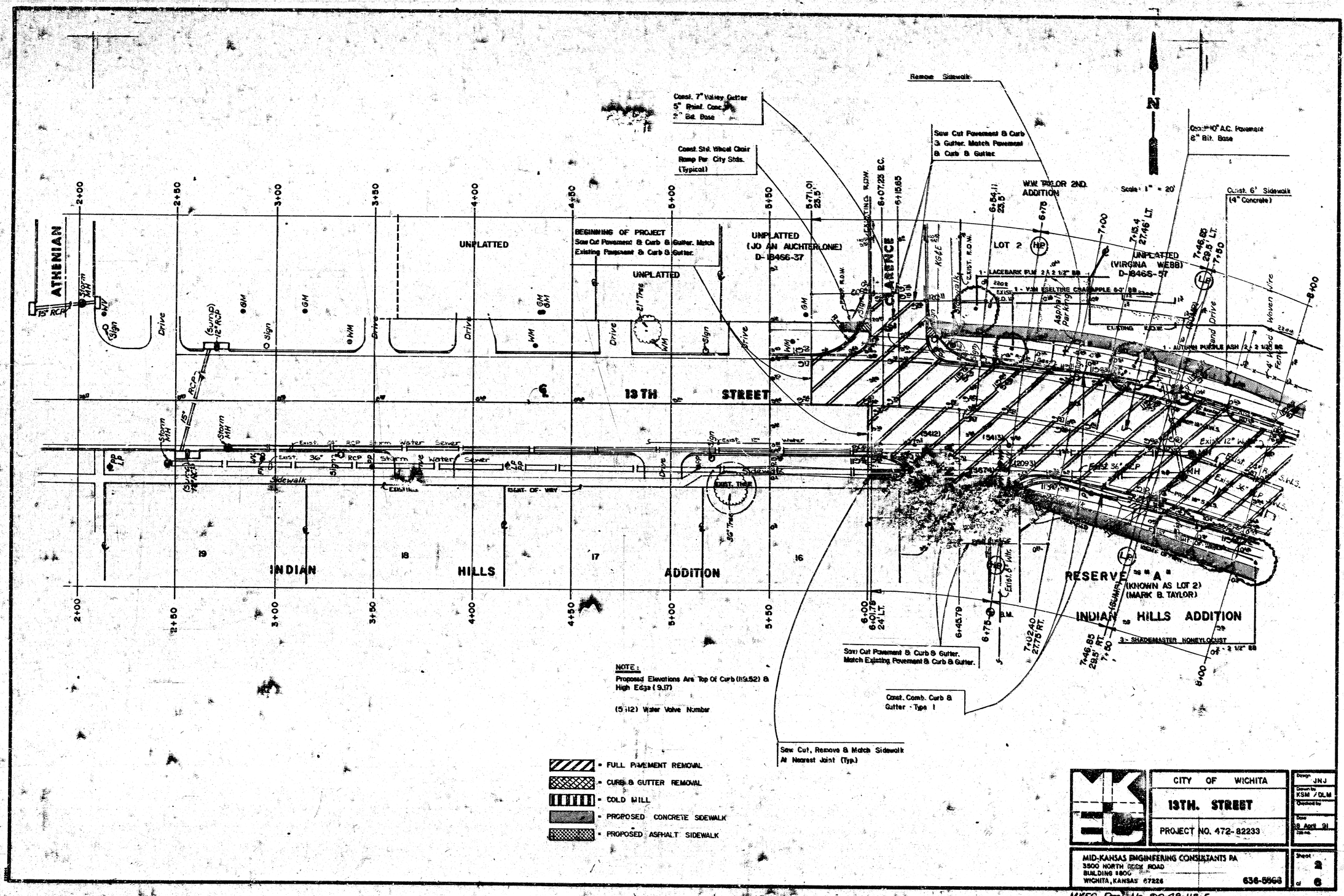
Checked by

Date Aug. 21

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
316-5566

Sheet 1 of 8

MKEC Proj. No. 90-48-INLE



MKEC Proj. No. 90-48-113-E

Const. 6' Sidewalk (4" Conc.)

Const. Comb Curb & Gutter Type - I (Typ.)

Const. Std. Wheel Chair Ramp Per City Stds. (Typ.)

Const. 8" Reinf. Concrete Pavt. With 6" Cement Treated Subgrade (See Joint Pattern)

See Crosswalk Detail

Const. 8' Sidewalk (4" Conc.)

Const. 8' Sidewalk ("Asphalt)

N

Scale: 1" = 20'

NOTE:
Proposed Elevations Are Top Of Curb(1192)
& High Edge(9.17)

(5412) Water Valve Number

8+00

8+50

8+96.92 29.5' LT.

UNPLATTED (VIRGINIA WEBB)

KAELSON ADDITION

LOT 1

5H 07.22 24' LT.

50+84.20 R 55' RT.

10+77.55 40.5' LT.

11+45.67 40.5' LT.

11+94.53 29.5' LT.

RESERVE (MARY E. SKIPWORTH)

HANKINS ADDITION

RIVER

EXIST. RIGHT-OF-WAY

4" Wood & Wire Fence

Asphalt Curb

Asphalt Parking

CONTINGENT STREET DEDICATION

30 - COMPACT ANDORRA JUNIPER 5 GAL.

EXIST. ROW

Sidewalk

KG&E

Asphalt

Concrete

13TH STREET

EXIST. SHADE TREE

PROPOSED

RIGHT-OF-WAY

EXIST. CANSART JUNIPER

10' EASEMENT

EXIST. ARBORVITA

Slurry Line

EXIST. COTTONWOOD

ARKANSAS

RESERVE "A" (KNOWN AS LOT 2) (MARK B. TAYLOR)

3 - MARSHALL SEEDLESS ASH 2 - 2 1/2" BB

3 - CHANTICLEER PEAR 6'W BB

INDIAN HILLS 4TH ADDITION

49+25.00 0°24' LT.

9+31.04 29.5' RT.

Remove Sidewalk

Const. 10" A.C. Pavement 8" Bit. Base

EXIST. GRADE TREES

LOT 1 (BOARD OF PARK COMMISSIONERS)

48+20.78 35' RT.

11+13.77 29.5' RT.

11+85.67 29.5' RT.

11+94.53 29.5' RT.

Match Sidewalk

Transition Sidewalk From 8'W To 6'W Between Two Transverse Joints

3 - VAN EBELTINE CRABAPPLE 6-8'BB

EXIST. TREE MASS

- FULL PAVEMENT REMOVAL
- CURB & GUTTER REMOVAL
- COLD MILL
- PROPOSED CONCRETE SIDEWALK
- PROPOSED ASPHALT SIDEWALK
- PROPOSED CONCRETE PAVEMENT

CITY OF WICHITA

13TH. STREET

PROJECT NO. 472-82233

Drawn JNJ
Checked KSH/DLM
Date 18 April 91

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-8666

Sheet 3
of 6

MKEC Proj. No. 90-48-113-E

Scale: 1" = 20'

NOTE:
Proposed Elevations Are Top Of Curb (119.52)
& High Edge (9.17)

(5412) Water Valve Number

Saw Cut & Match Sidewalk At Nearest Joint

EXIST. TREES

Const. Conc. Curb & Gutter Type I (Typ.)

Const 10" A.C. Pavement 8" B.S. Base

1: AUTUMN PURPLE ASH 2 : 2 1/2" B&B

ARKANSAS

CONTINGENT STREET DEDICATION

HERSHEL COOK ADDITION

LOT 1

UNPLATTED (ROSEMARY GAULEY) A-4838

BUILDING

SERVICE STATION

EXIST. SHADE TREE

SECTION LINE

13TH STREET

19TH STREET

LOT 273

LOT 274

LOT 272

LOT 271

LOT 270

LOT 269

LOT 268 RIVERSIDE ADDITION

RIVER

Remove Sidewalk

Saw Cut & Match Sidewalk At Nearest Joint

EXIST. TREE MAIN

END OF PROJECT
Saw Cut Pavement & Curb & Gutter
Match Existing Pavement & Curb & Gutter

= FULL PAVEMENT REMOVAL
= CURB & GUTTER REMOVAL
= COLD MILL
= PROPOSED CONCRETE SIDEWALK
= PROPOSED ASPHALT SIDEWALK

CITY OF WICHITA

19TH. STREET

PROJECT NO. 472-82233

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING 1000
WICHITA, KANSAS 67226 316-636-8868

KSM/DLM

18 April 91

Sheet 4 of 6

MKEC Proj No 90-48-113-E

START OF PROJECT
Saw Cut Pavement & Curb & Gutter. Match Existing Pavement & Curb & Gutter.

Existing Curb & Gutter To Remain
Sta 43+85.96 Lt. To Sta 47+75 Lt

Cold Mill Existing Pavement to Provide 1-1/2" Min Thick A.C. Surface Course Overlay

Remove Existing Curb & Gutter

Const Conc. Curb & Gutter Type I (Typ.)

Const. 10" A.C. Pavement
6" BP Base

Const. Comb. Curb & Gutter Type II

NOTE:
Proposed Elevations Are Top Of Curb (Lip Of Gutter) & High Edge (Slope)

(5412) Water Valve Number

N

Scale: 1" = 20'

Δ = 16410'09" R = 572.81' T = 347.10' L = 166.52' LC = 453.74'

CURVE DATA BASED ON LEFT FACE OF CURB Δ/2 = 2130'04"

STATION	ARC	CHORD LENGTH & BEARING LEFT	CHORD LENGTH & BEARING RIGHT	TOTAL DEFLECTION	DEFLECTION
43+85.96	-	-		00°00'00"	00°00'00"
43+99.48	13.52'	13.33'		00°46'33"	00°46'33"
44+23.54	24.07'	23.73'		01°12'13"	01°58'47"
44+47.61	24.07'	23.73'		01°12'14"	03°05'00"
44+71.68	24.07'	23.73'		01°12'14"	04°17'14"
44+95.75	24.07'	23.73'		01°12'14"	05°29'28"
45+19.82	24.07'	23.73'		01°12'14"	06°41'41"
45+43.89	24.07'	23.73'		01°12'13"	07°53'55"
45+67.95	24.07'	23.73'		01°12'13"	09°06'08"
45+92.02	24.06'	23.72'		01°12'12"	10°16.20"
46+16.08	24.06'	23.72'		01°12'12"	11°30'32"
46+40.13	24.06'	23.72'		01°12'11"	12°42'43"
46+64.18	24.05'	23.71'		01°12'10"	13°54'53"
46+88.23	24.05'	23.71'		01°12'09"	15°07'03"
47+12.27	24.04'	23.70'		01°12'08"	16°19'11"
47+36.30	24.03'	23.70'		01°12'07"	17°31'19"
47+60.33	24.03'	23.69'		01°12'06"	18°43'25"
47+84.35	24.02'	23.68'		01°12'05"	19°55'30"
48+08.37	24.01'	23.68'		01°12'04"	21°07'33"
48+32.37	24.00'	23.67'		01°12'02"	22°19'35"
48+52.53	20.16'	19.87'		01°00'29"	23°20'04"

DEF/FT = 1.00079 MIN.

Δ = 47231'59" R = 602.62' T = 264.53' L = 428.54' LC = 494.44'

CURVE DATA BASED ON RIGHT FACE OF CURB Δ/2 = 23141'59"

STATION	ARC	CHORD LENGTH & BEARING LEFT	CHORD LENGTH & BEARING RIGHT	TOTAL DEFLECTION	DEFLECTION
43+97.93	-	-		00°00'00"	00°00'00"
44+00.08	2.15'	2.15'		00°06'08"	00°06'08"
44+26.12	26.04'	26.39'		01°14'17"	01°20'24"
44+52.21	26.09'	26.44'		01°14'25"	02°34'50"
44+78.35	26.14'	26.48'		01°14'33"	03°49'23"
45+04.53	26.18'	26.53'		01°14'41"	05°04'04"
45+30.76	26.23'	26.57'		01°14'48"	06°18'52"
45+57.02	26.27'	26.61'		01°14'55"	07°33'47"
45+83.33	26.30'	26.65'		01°14'59"	08°48'46"
46+09.67	26.34'	26.69'		01°15'08"	10°03'57"
46+36.04	26.37'	26.72'		01°15'13"	11°19'10"
46+62.42	26.40'	26.75'		01°15'19"	12°34'29"
46+88.83	26.41'	26.78'		01°15'23"	13°49'52"
47+15.23	26.41'	26.80'		01°15'28"	15°05'20"
47+41.81	26.48'	26.83'		01°15'31"	16°20'51"
47+68.31	26.50'	26.85'		01°15'34"	17°36'26"
47+94.82	26.51'	26.86'		01°15'37"	18°52'03"
48+21.34	26.52'	26.87'		01°15'39"	20°07'42"
48+47.87	26.53'	26.88'		01°15'41"	21°23'23"
48+74.41	26.54'	26.89'		01°15'42"	22°39'04"
48+96.47	22.06'	22.35'		01°03'56"	23°41'00"

DEF/FT = 2.85231 MIN.

= FULL PAVEMENT REMOVAL
= CURB & GUTTER REMOVAL
= COLD MILL
= PROPOSED CONCRETE SIDEWALK
= PROPOSED ASPHALT SIDEWALK
= PROPOSED CONCRETE PAVEMENT

CITY OF WICHITA	Design JNJ
MC LEAN BLVD.	Drawn by KSM / DLM
PROJECT NO. 472-82233	Checked by
	Date 18 April 90
	Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226 636-5566	Sheet 5 of 6

MKEC Proj. No. 90-48-113-E

= FULL PAVEMENT REMOVAL
= CURB & GUTTER REMOVAL
= COLD MILL
= PROPOSED CONCRETE SIDEWALK
= PROPOSED ASPHALT SIDEWALK
= PROPOSED CONCRETE PAVEMENT

NOTE:
Raised Elevations Are Top Of Curb (High Side (0.17)

(5412) Water Valve Number

Scale: 1" = 20'

Δ = 0813'49" R=1627.47' T = 92.34' L = 178.33' LC = 178.18'
CURVE DATA BASED ON LEFT FACE OF CURB Δ/2 = 0406'54"

STATION	ARC	8'OFF L'CRB	8'OFF R'CRB	DEFLECTION	TOTAL DEFLECTION
54+45.28	"	"	"	00°00'00"	00°00'00"
54+50.14	4.86'	4.89'	"	00°10'03"	00°10'03"
54+75.74	25.60'	25.80'	"	00°43'53"	00°53'57"
55+01.34	25.60'	25.80'	"	00°43'53"	01°37'49"
55+26.94	25.60'	25.80'	"	00°43'53"	02°21'43"
55+52.54	25.60'	25.80'	"	00°43'53"	03°05'36"
55+78.13	25.60'	25.80'	"	00°43'53"	03°49'29"
56+03.73	25.60'	25.80'	"	00°43'53"	04°33'22"
56+10.69	6.97'	6.92'	"	00°11'58"	04°45'20"

DEF/FT = 1.67291 MIN.

Δ= 1122'61" R = 879.36' T = 87.68' L = 174.66' LC = 174.37'
CURVE DATA BASED ON RIGHT FACE OF CURB Δ/2 = 0561'25"

STATION	ARC	8'OFF L'CRB	8'OFF R'CRB	DEFLECTION	TOTAL DEFLECTION
54+45.28	"	"	"	00°00'00"	00°00'00"
54+50.66	5.56'	"	5.53'	00°10'54"	00°10'54"
54+75.08	24.22'	"	23.99'	00°47'20"	00°58'15"
54+99.31	24.24'	"	24.02'	00°47'23"	01°45'38"
55+23.55	24.24'	"	24.04'	00°47'24"	02°33'02"
55+47.86	24.30'	"	24.06'	00°47'28"	03°20'31"
55+72.16	24.30'	"	24.08'	00°47'30"	04°08'01"
55+96.47	24.33'	"	24.09'	00°47'32"	04°55'33"
56+10.94	14.47	"	13.35'	00°48'58"	05°44'29"

DEF/FT = 1.95488 MIN.

REVISED 7-24-92

CITY OF WICHITA
MC LEAN BLVD.
PROJECT NO. 472-82233

MID-KANSAS ENGINEERING CONSULTANTS PA.
8900 NORTH ROCK ROAD
BUILDING 1809
WICHITA, KANSAS 67226
636-8686

MKEC Proj. No. 20-48113-E

19-3-1-3