SCALE: 1" = 20'

STA. 90+37.2, 35.9' LT
CONSTRUCT CONC. HEADWALL, APRON WITH WINGWALLS MATCHING CHANNEL SIDE SLOPE (SEE DETAIL – SH. 25)

STA. 90+39.8, 56.7' LT
REMOVE 22 LF OF EXIST 5'x5' RCB AND WINGWALLS FROM OUTLET TO MANHOLE.
INSTALL 20 LF OF 5'x5' RCB (PRECAST, C-789).
FL OUT=100.82
EXIST. MANHOLE TOP = 118.11
FL IN=102.61 (54"-WNW)
FL IN=109.71 (12"-NW)
FL IN= (15"-SW)
FL OUT=102.61 (5'x5'-E)

STA. 89+50

STA. 95+50

I-135 (SOUTHBOUND) OVERHEAD

INLET ELEV. OK

EXIST. 36" SAN. SEWER

SIPHON

5'x4' STORM SEWER (B-113)

BM #16

NORTH

ABUTMENT

TRANSITION AREA

RIP-RAP

3:1

6" THICK CONCRETE SLOPE PAVING

PIER

BASELINE

PILOT

CHANNEL

REMOVE INLET AND TIE OVERHEAD DRAIN PIPE INTO ADJACENT INLET. SEE SH. 21

~33.7 LF WIDE AMERICAN EXCELSIOR ENFORCER II (TYPICAL)

~78.4 LF AMERICAN EXCELSIOR ENFORCER II (TYPICAL)

6'x6' RCB

5'x5' RCB STORM SEWER (B-200)

STREET

13TH

EXIST. 54" RCP SAN. SEWER

STA. 90+20.3, 4.8' RT
CONSTRUCT 20' WIDE x 6" DEEP 'V' CONCRETE SWALE.

STA. 90+20.3, 57.0' RT
CONSTRUCT CONC. HEADWALL, APRON WITH WINGWALLS MATCHING CHANNEL SIDE SLOPE (SEE DETAIL – SH. 24)

STA 90+20.3, 91.0' RT
REMOVE 34 LF OF 6'x6' RCB AND WINGWALLS FROM OUTLET TO MANHOLE.
INSTALL 34 LF OF 6'x6' RCB (PRECAST, C-789)
FL OUT=100.85
EXIST MANHOLE TOP=118.95
FL OUT=103.65 (6'x6'-W)

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

AREA "K" PART 2 - PHASE 2
WICHITA DRAINAGE CANAL
PROJECT NAME

WICHITA DRAINAGE CANAL PLAN
SHEET TITLE

JNJ	RSB	TKM
DESIGN BY:	DRAWN BY:	CHECKED BY:
JAN. 2001	94011	10 / 47
DATE	JOB NO.	SHEET/OF

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