SCALE: 1" = 20'

REMOVE 36 L.F. OF EXIST. 48" PIPE FROM OUTLET TO MANHOLE AND INSTALL 50 L.F. OF 38"x60" HERCP WITH END SECTION (CONTRACTOR SHALL VERIFY FIT)
FL. OUTLET = 98.64
FL. MIN. = EXIST. (~ 100.12)
(BEGIN END SECTION 0.5' ONTO GABION BASKET) (SEE SHT. 5)
M.H. TOP = 115.12 (ADJUST TO MATCH FINAL GRADING).

INLET ELEV. OK

STA. 59+50

I-135 (SOUTHBOUND) OVERHEAD

EXIST. 36" SAN. SEWER

22' WIDE N.A.G. C-350 EROSION MAT (TYPICAL)

3:1

TRANSITION AREA

LOW CHORD = 118.2

8" THICK CONCRETE SLOPE PAVING

9TH STREET

EXIST. 42" STORM SEWER (9TH ST. N. LATERAL)

STA. 65+50

22' WIDE SYNTHETIC INDUSTRIES TRM-435 (TYPICAL)

60+00 61+00 62+00 63+00 64+00 65+00

PILOT CHANNEL

BASELINE

PIER

ABUTMENT

70' WIDE N.A.G. C-350 EROSION MAT (TYPICAL)

NEW GRASSED ACCESS ROAD

EXIST. 42" STORM SEWER

NORTH

BM #12

6" WATER LINE ON NORTH SIDE OF BRIDGE

EXIST. 54" SAN. SEWER

I-135 (NORTHBOUND) OVERHEAD

REMOVE INLET & TIE INTO MANHOLE (SEE SHT. 26)

1,050 S.F. OF TRI-LOCK CONCRETE BLOCKS #4020. UNDER LAY W/ TRI-LOCK FABRIC #792. OVER 'V' SWALE - 6" DEEP. ADJUST GABION HEIGHT TO MATCH 'V' SWALE (SEE DETAIL SHT. 31)

CONSTRUCT CONC. APRON WITH WINGWALLS MATCHING CHANNEL SIDE SLOPE (SEE DETAIL SHT. 31)

REMOVE 46 L.F. OF EXIST. 15" PIPE INSTALL 42 L.F. OF 15" RCP
FL. EXIST. (M.H.) = EXIST. (108.87)
FL. NEW (M.H.) = 106.90

REMOVE 28 L.F. OF EXIST. 12" PIPE AND INSTALL 24 L.F. OF 12" RCP
FL. EXIST. (M.H.) = EXIST. (112.82)
FL. NEW (M.H.) = 106.90

REMOVE 38 L.F. OF EXIST. 48" PIPE PLUS ONE MANHOLE AND INSTALL 36 L.F. OF 48" RCP PLUS NEW TYPE 'P' MANHOLE (6.5' DIA.)
FL. OUT (48") = 99.00
WITH CONCRETE TOEWALL
W=2', D=4', L=12'
FL. OUT (M.H.) = 99.15
FL. IN (M.H)=48"(~106.25)
FL. IN (M.H.) = 106.90 (SE)
FL. IN (M.H.) = 106.90 (N)
M.H. TOP = 114.00

NOTE:
ALL AREAS DISTURBED, BEYOND AREA COVERED BY EROSION MAT, SHALL BE FERTILIZED, SEEDED AND MULCHED.

MID-KANSAS ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

AREA "K" PART 2 - PHASE 1
PROJECT NAME

WICHITA DRAINAGE CANAL PLAN
SHEET TITLE

JNJ	MLW	JNJ
DESIGN BY:	DRAWN BY:	CHECKED BY:
MAY 1999	94011	18 / 64
DATE	JOB NO.	SHEET/OF

G:\CIVIL\AREAK\94011\HORIZ\94011D11.DWG 5-25-99 9:19:47 am CDST

G:\CIVIL\AREA_K\94011\PLANS\94011D11.DWG Tue May 25 09:19:53 1999