SCALE: 1" = 20'

STA. 70+00, DRIVE VINYL SHEET PILE WALL (SHORE GUARD S 300) 8 FT. DEEP AT UPSTREAM END OF IMPROVED CHANNEL FROM TOP OF CUT ON WEST TO ACCESS ROAD ON EAST. CUT TOP TO MATCH FINISH GRADE.

I-135 (SOUTHBOUND) OVERHEAD

STA. 65+50

STA. 70+00

INLET ELEV. OK

EXIST. 36" SAN. SEWER

REMOVE INLET AND TIE INTO MANHOLE

EXIST. 8" SANITARY SEWER

EXIST. 36" STORM SEWER (B-17 & C-78)

8" SAN. SEWER

NORTH

22' WIDE SYNTHETIC INDUSTRIES TRM-435 (TYPICAL)

70' SYNTHETIC INDUSTRIES TRM-435 (TYPICAL)

PILOT CHANNEL

BASELINE

3:1

2%

66+00 67+00 68+00 69+00 70+00 71+00

NEW GRASSED ACCESS ROAD

10TH STREET NORTH OUTLET STRUCTURE (BY OTHERS)

PHASE 1 EXCAVATION TO BRIDGE

PHASE 1 — TAPER OUT

10TH STREET

CBM #13

I-135 (NORTHBOUND) OVERHEAD

6" KGS GAS LINE ON SOUTH SIDE OF BRIDGE

EXIST. 42" STORM (B-36 & B-38) TO BE REMOVED OR ABANDONED W/10TH ST. N. OUTFALL STRUCTURE

15' WIDE x 40' LONG OUTFALL PROTECTION. USE 'PYRAMAT' EROSION CONTROL MATRIX OVER 6" DEEP 'V' DITCH, 10' WIDE. (SEE DETAILS – SHEET 3).

REMOVE 52 L.F. OF EXIST. 24" PIPE AND INSTALL 48 L.F. OF 24" RCP
FL. EXIST. (M.H.) = EXIST.
FL. NEW (M.H.) = 107.96

REMOVE 42 L.F. OF EXIST. 15" PIPE AND INSTALL 36 L.F. OF 15" RCP
FL. EXIST. (M.H.) = EXIST.
FL. NEW (M.H.) = 106.56

REMOVE 25 L.F. OF EXIST. 24" PIPE PLUS ONE MANHOLE AND INSTALL 42 L.F. OF 24" RCP PLUS NEW TYPE 'P' MANHOLE (5' DIA.)
FL. OUTLET (24") = 98.72
WITH CONCRETE TOEWALL W=2', D=4', L=8'
(PLACE EROSION MAT BETWEEN TOEWALL AND END SECTION. SEE DETAILS – SHEET 3.)
FL. OUT (M.H.) = 99.60
FL. IN (M.H.) = 107.96 (SE)
FL. IN (M.H.) = 106.56 (NE)
M.H. TOP = 113.3

MULTIMEDIA CABLEVISION ON SOUTH SIDE OF BRIDGE (SHOULD NOT BE CONFLICT).

SOUTHWESTERN BELL TELEPHONE
900 PR
200 PR
ON SOUTH SIDE OF BRIDGE (SHOULD NOT BE CONFLICT).

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	20 / 64
DATE	JOB NO.	SHEET/OF

G:\CIVIL\AREAK\94011\PLANS\94011D12.DWG 5-25-99 9:20:27 am CDST
G:\CIVIL\AREA_K\94011\PLANS\94011D12.DWG Tue May 25 09:20:38 1999