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.

STA. 65+50

STA. 70+00

I-135 (SOUTHBOUND) OVERHEAD

I-135 (NORTHBOUND) OVERHEAD

INLET ELEV. OK

EXIST. 36" SAN. SEWER

EXIST. 8" SANITARY SEWER

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

8" SAN. SEWER

REMOVE INLET AND TIE INTO MANHOLE

22' WIDE SYNTHETIC INDUSTRIES TRM-435 (TYPICAL)

70' SYNTHETIC INDUSTRIES TRM-435 (TYPICAL)

PILOT CHANNEL

BASELINE

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

NORTH

10TH STREET

NEW GRASSED ACCESS ROAD

EXIST. 54" RCP SAN. SEWER

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

10TH STREET NORTH OUTLET STRUCTURE (BY OTHERS)

REMOVE INLET AND TIE INTO MANHOLE (SEE SHT. 26) (CHECK 10TH ST. N. S.W.S. PLANS).

PHASE 1 EXCAVATION TO BRIDGE

PHASE 1 — TAPER OUT

EXIST. 48" STORM (B-36 & B-38) TO BE REMOVED OR ABANDONED W/10TH ST. N. OUTFALL STRUCTURE

5548-003 FL. = 101.31

BM #13

1,078 S.Y. OF HEAVY STONE RIP-RAP IN TRANSITION TO BRIDGE

6" KGS GAS LINE ON SOUTH SIDE OF BRIDGE

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

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