

SCALE: 1" = 20'

STA. 103+26.9, 72.7' LT
REMOVE 68 LF OF EXIST. 24" PIPE AND
WINGWALLS FROM OUTLET TO MANHOLE.
INSTALL 53 LF OF 24" RCP.
FL OUT = 102.10
(END OF PIPE FLUSH WITH TOP ROW GABION
FACE; TOP OF PIPE FLUSH WITH TOP OF
GABION (SEE DETAIL - SHEET 5)).
EXIST. MANHOLE TOP=117.38
FL IN=112.28 (12"-W)
FL IN=VERIFY (12"-NE)
FL IN=112.28 (15"-N)
FL IN=108.78 (15"-S)
FL OUT=106.58 (24"-E)

STA. 104+75.4, 36.5' LT
REMOVE 30 LF. OF 3'x3' RCB.
CONSTRUCT 4' SPECIAL DROP
STRUCTURE SEE DETAIL SHEET 18.
FL IN=107.5
FL OUT=101.68
TOP=120.0
INSTALL 44 LF 42" RCP. CUT
42" RCP TO MATCH
PROPOSED SIDE SLOPE.

STA. 104+65, 36' LT
INSTALL 3x3 GABION BASKETS
ON GEOTEXTILE FILTER FABRIC
AS REQ'D. FOR GRADE BREAK
TOP EL=118.5

STA. 105+45, 36' LT
INSTALL 3x3 GABION BASKETS
ON GEOTEXTILE FILTER FABRIC
AS REQ'D. FOR GRADE BREAK
TOP EL=118.5

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

CAUTION:
48" WATER MAIN -
CONTRACTOR SHALL
PROBE TO VERIFY.

STA. 104+41.6, 43.3' RT
20' WIDE x 6" DEEP 'V'
CONCRETE SWALE.

STA. 104+41.6, 59.0' RT
CONSTRUCT CONC. HEADWALL,
APRON WITH WINGWALLS
MATCHING CHANNEL SIDE
SLOPE
(SEE DETAIL - SH. 25)

STA. 104+41, 81' RT
INSTALL 3x3 GABION
BASKETS ON GEOTEXTILE
FILTER FABRIC AS REQ'D.
FOR GRADE BREAK
TOP EL=118.5
BOTTOM EL=115.5

STA. 104+44.1, 88.7' RT
REMOVE 28 LF. OF 48" RCP.
CONSTRUCT 6'x11' SPECIAL
DROP STRUCTURE. SEE
DETAIL SHEET 18.
TOP=118.5
FL IN=104.7
FL OUT=102.1
INSTALL 31 LF 48" RCP
FL AT HEADWALL=101.75

UNDER EXIST. 15TH STREET
NORTH BRIDGE SHAPE
CHANNEL TO PROPOSED
CONFIGURATION AND COVER
AREA SHOWN WITH 6"
CONCRETE PAVING. TOP
OF CONCRETE PAVING TO
BE FINAL IMPROVEMENT
SURFACE.

STA. 104+41, 81' RT
INSTALL 3x3 GABION
BASKETS ON GEOTEXTILE
FILTER FABRIC AS REQ'D.
FOR GRADE BREAK
TOP EL=118.5
BOTTOM EL=115.5

NOTE:

IN WINTER A 1" B.O. IS LEFT
OPEN ON BRIDGE TO AVOID
FREEZING THE 6" MAIN.

CONTRACTOR MAY CLOSE
TEMPORARILY WHEN WORKING
UNDER BRIDGE, BUT MUST
RE-OPEN IF FREEZING WEATHER.



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

WICHITA DRAINAGE CANAL PLAN
SHEET TITLE

JNJ DESIGN BY.	RSB DRAWN BY.	TKM CHECKED BY.
JAN. 2001 DATE	94011 JOB NO.	13 / 47 SHEET OF