APPROX. 310 L.F OF UNDERGROUND TELEPHONE LINE TO BE RELOCATED BY OTHERS

PROPOSED STAGING AREA SEE SHEET SP-1.01

CONSTRUCT FENCE ALONG ENTIRE LEFT LEVEE RIGHT OF WAY LINE, TYPICAL. SEE SHEET SP-2.07, SP-2.08, AND SP-2.14.

NEW 24" RCP, LENGTH 106', PROVIDE STANDARD CITY OF WICHITA HEADWALLS (SHEET SP-2.16), NEENAH SERIES R-5050, TYPE CF (OR APPROVED EQUAL) FLAP GATE AND RIP RAP AS SHOWN, SEE SHEET C-1.02 "SPECIAL NOTES REGARDING BREACHES THROUGH THE LEVEE" FOR PIPE PLACEMENT.
I.E.(IN)=1255.50
I.E.(OUT)=1252.00

PROVIDE DRAINAGE AWAY FROM TOE OF LEVEE TYPICAL

CENTERLINE BIG SLOUGH LEFT LEVEE

BIG SLOUGH BASELINE

CENTERLINE BIG SLOUGH RIGHT LEVEE

BEGIN RIP RAP STA. 24+75 LT & RT, SEE SHEET C-1.02

TIE PROPOSED FENCE TO EXISTING FENCE

CONSTRUCT FENCE ALONG ENTIRE LEVEE AS SHOWN SEE SHEET SP-2.07, SP-2.08, AND SP-2.15.

PROVIDE DRAINAGE SWALE ALONG TOE OF LEVEE AS SHOWN ON SHEET SP-2.11. CONTRACTOR IS TO GRADE SO THAT WATER WILL NOT REMAIN PONDED ALONG LEVEE, TYPICAL.

REMOVE (3) EXISTING ELECTRICAL CHARGE PEDESTALS AND ASSOCIATED WIRING TO DISCONNECT BOX LOCATED IN MAINTENANCE BUILDING.

RELOCATE BUILDING AS SHOWN , SEE SHEET SP-2.10 FOR DETAIL.

RELOCATE WATER HYDRANT TO 15' BEHIND EDGE OF PAVEMENT. PROTECT RELOCATED HYDRANT WITH (2) 4" DIA. BOLLARDS. SEE TYPICAL BOLLARD DETAIL, SHEET SP-2.16.

MATCHLINE-STA. 27+00

SEE SHEET SP-2.01

MATCHLINE-STA. 14+25

SEE SHEET SP-2.03

PC STA. 211+19.85
C-208
STA. 211+61.45 TOP ELEV. 1264.9
PRC STA. 211+74.54
C-209
STA. 212+01.84 TOP ELEV. 1265.0
PT STA. 212+20.95
PC STA. 217+93.71
C-210
STA. 218+02.17 TOP ELEV. 1266
PT STA. 218+14.42
C-211
STA. 223+48.83 TOP ELEV. 1266.4
PC STA. 222+98.08
STA. 119+98.03 TOP ELEV. 1266
PC STA. 26+11.79
C-002
STA. 113+92.48 TOP ELEV. 1265.0
PI STA. 113+53.02 TOP ELEV. 1264.9
C-104
PT STA. 113+15.45
C-105
PC STA. 124+02.76
STA. 125+77.19 TOP ELEV. 1266.4

CURVE DATA

NAME	P.I. NORTHING	P.I. EASTING	RADIUS (FT.)	ARC LENGTH (FT.)	CHORD LENGTH (FT.)	TANGENT LENGTH (FT.)	CHORD DIRECTION
C-002	1649335.17	1657129.95	450.00	337.58	329.72	177.18	N 35°56'12" W
C-104	1647961.44	1657557.64	3275.00	182.40	182.37	91.22	N 15°32'29" W
C-105	1649368.39	1657208.26	700.00	517.38	505.68	271.15	N 35°07'12" W
C-208	1648037.59	1657363.24	100.00	55.39	54.68	28.42	N 1°45'17" E
C-209	1648087.44	1657379.08	80.00	46.41	45.76	23.88	N 1°00'07" E
C-210	1648672.03	1657215.66	1200.00	20.71	20.70	10.35	N 15°07'23" W
C-211	1649300.79	1657051.55	380.00	295.74	288.33	155.82	N 36°55'29" W

0 50' 100'
SCALE:1"=50'

PVI 211+61.45 Elev 1264.90
PVI 212+01.84 Elev 1265.00
PVI 218+02.17 Elev 1266.00
PVI 223+48.83 Elev 1266.40
PROPOSED GRADE
BASE FLOOD WATER SURFACE
EXISTING GRADE
EXISTING GRADE @ CENTERLINE OF EXISTING LEVEE (OFFSET)
PROFILE ALONG CENTERLINE OF BIG SLOUGH LEFT LEVEE
1270
1260
211+00 212+00 213+00 214+00 215+00 216+00 217+00 218+00 219+00 220+00 221+00 222+00 223+00

PVI 113+53.02 Elev 1264.90
PVI 113+92.48 Elev 1265.00
PVI 119+98.03 Elev 1266.00
PVI 125+77.19 Elev 1266.40
PROPOSED GRADE
EXISTING GRADE @ CENTERLINE OF EXISTING LEVEE (OFFSET)
EXISTING GRADE
BASE FLOOD WATER SURFACE
PROFILE ALONG CENTERLINE OF BIG SLOUGH RIGHT LEVEE
1270
1260
1250
113+00 114+00 115+00 116+00 117+00 118+00 119+00 120+00 121+00 122+00 123+00 124+00 125+00

MARK	DESCRIPTION	DATE	APPR.

amec
AMEC Earth & Environmental, Inc.
1129 SW Wanamaker
Topeka, Kansas 66604
Phone: (785) 272-4830
Fax: (785) 272-4878

CITY OF WICHITA

LEVEE "P"
WICHITA-VALLEY CENTER LOCAL FLOOD PROTECTION PROJECT
WICHITA, KANSAS

PREPARED FOR
THE CITY OF WICHITA, KANSAS
455 N. Main
Wichita, KS 67202

DON W. DOTSON LICENSED 19964 10/26/09 KANSAS PROFESSIONAL ENGINEER

DESIGNED BY:		DATE:
Don W. Dotson, P.E.		2009/Oct/26
DWN BY: Staff	CKD BY: DWD	APP BY: MG
FILE NAME: 561500000-C-SP-202.dgn		
AMEC PROJ. NO. 5-6150-0000		

LEVEE P
SITE PLAN AND PROFILE
SP-2.02
SHEET 9 OF 65