

APPROVED	DESIGNED	DETAIL CK.	QUANTITIES	TRACE CK.

SURVEY DATA

Datum = NAVD 88

Benchmarks:

B.M.*1
 N 1672801.842
 E 1667761.422
 Edgemoor and Pawnee
 COW Bench Mark.
 44.00 ft North of centerline of Pawnee
 104.00 ft West of west face of the northwest pier to turnpike
 Elev. = 1309.63 NAVD 88

B.M.*2
 N 1675451.744
 E 1667984.584
 Edgemoor and Mt. Vernon
 COW Bench Mark.
 Northwest corner of intersection.
 35.00 ft North of centerline
 35.00 ft West of centerline
 Elev. = 1325.41 NAVD 88

B.M.*3
 N 1678137.126
 E 1669649.904
 Gypsum Creek (Fabrique) and Harry
 COW Bench Mark.
 Disc on wingwall on the northeast corner of RCBC.
 Elev. = 1320.55 NAVD 88

B.M.*4
 N 1678061.848
 E 1670698.629
 Woodlawn and Harry
 COW Bench Mark.
 Southeast corner of intersection.
 35.00 ft South of centerline
 69.00 ft East of centerline
 Elev. = 1328.07 NAVD 88

B.M.*5
 N 1672782.016
 E 1667409.862
 Pawnee and Gypsum Creek
 Brass Disc
 N.E. Corner of Bridge
 Elev. = 1310.89 NAVD 88

B.M.*6
 N 1675447.764
 E 1668707.897
 Mt. Vernon and Gypsum Creek
 Brass Disc on
 Guard Rail @ N.W. Corner Bridge
 Elev. = 1320.45 NAVD 88

B.M.*7
 N 1675961.737
 E 1669313.802
 Drallinger and Skinner
 Brass Disc on
 E. end of South Abutment
 Foot Bridge over Gypsum Creek
 Elev. = 1317.66 NAVD 88

B.M.*8
 N 1675910.059
 E 1670693.025
 Woodlawn and Gypsum Creek
 Brass Disc on
 Guard Rail @ S.E. Corner Bridge
 Elev. = 1324.68 NAVD 88

Control Points:

CTL PT*1 - City of Wichita Cast Iron Control Thimble
 N 1678069.993
 E 1667978.540

CTL PT*2 - City of Wichita Cast Iron Control Thimble
 N 1675417.444
 E 1668019.812

CTL PT*3 - City of Wichita Cast Iron Control Thimble
 N 1675447.687
 E 1670665.179

CTL PT*4 - City of Wichita Cast Iron Control Thimble
 N 1678096.421
 E 1670630.128

Base Station
 N 1673000.899
 E 1669047.991

For State Plane Coordinates
 Scale from Base Station using
 Combined Scale Factor: 0.99988738

BASELINE	POB		PI		STATION	POE		STATION
	NORTHING	EASTING	NORTHING	EASTING		NORTHING	EASTING	
A	1,676,091.88	1,670,212.00				1,676,206.77	1,669,755.23	5+71.0
B	1,676,226.50	1,669,708.96	1,676,166.70	1,669,653.78	1+84.1	1,676,127.32	1,669,315.44	5+22.0
C	1,676,005.56	1,669,466.10	1,675,802.73	1,669,042.60	5+69.6	1,675,397.49	1,668,906.59	9+97.0
D	1,675,329.67	1,668,815.10				1,675,183.20	1,668,690.96	2+92.0
E	1,675,111.91	1,668,625.44				1,674,525.09	1,668,327.76	7+58.0
F	1,674,810.84	1,668,240.32	1,674,579.12	1,668,201.05	3+35.0	1,674,251.16	1,667,885.70	7+90.0
G	1,674,345.79	1,668,214.06	1,674,126.01	1,668,044.07	3+77.8	1,674,012.67	1,668,010.70	4+96.0
H	1,673,611.05	1,667,885.26	1,673,250.81	1,667,971.33	4+70.4	1,672,813.40	1,667,598.67	10+45.0

* ALL POB = STATION I+00



Plotted on: 25-OCT-2007 03:47 PM Model: Model
 By: mpotts Plot Scale: 300,000,000,000,000,000 Pen Table: \\kcow00\Enviro\44616 - Gyp Cr P.W Final\Library\p160 - Full.pn
 Design File Names: \\kcow00\Enviro\44616 - Gyp Cr P.W Final\CD\Detail\Survey_Ref.dgn

SHEET NO.	4	TOTAL SHEETS	65
CITY OF WICHITA, KANSAS 			
7460 W 130th St., Suite 400 Overland Park, KS 66213 (913) 491-9333			
NO.	1	DATE	
BY		APPRO	
REVISIONS			
GYPSUM CREEK FLOOD CONTROL PROJECT LAYOUT AND SURVEY REFERENCE SHEET			