


LEGEND

- ⑪ Basin for Runoff Calculations
- HYDROGRAPH Combine Node
- △ Combine w/Possible Retention Routing

21st. Street & Greenwich Stormwater Analysis
Penn State Runoff Model Summary
(With Compensating Storage North of K-96)

Basin ID	K-96 Design Q cfs	Curr. Stg.	PSRM Q100 cfs	Storage ac ft	Q100 Out cfs	Peak Time min.
3	402	13.8	768	13.8	367	225
6	122	5.5	235	20	106	295
10	87	4.5	235	16	73	295
11	232	1.4	329	16	179	275
9			643		634	235
8			135		135	210
14			269		269	270
15			70		70	210
16			937		937	235
18			240		240	210
19			72		72	205
20			1097		1097	235

Basin ID	Description
1	Tallgrass East (portion)
2	Kansas Surgery and Recovery Center
3	Detention Basin for 1 and 2
4	Webb Rd. and Part of K-96 ramp
5	Combine 3 and 4
6	Part of Jabara Airport
7	Combine 5 and 6
8	North Part of Regency Lakes
9	Combine 7 and 8
10	Proposed Soccer Field Area
11	Agricultural
12	Undeveloped (to 13)
13	Undeveloped
14	Combine 10, 11 and 13
15	North Half Greenwich Business Park
16	Combine 9, 14 and 15
17	Tallgrass East (portion) to 18
18	South Half Regency Lakes and Greenwich Business Park
19	Proposed Warren Theater
20	Combine at 21st. St. Culvert



GREENWICH BUSINESS PARK
PROJECT NAME
WATERSHED MAP & MODEL DIAGRAM
WEST FORK FOURMILE CREEK @ 21ST. ST
SHEET TITLE

MID-KANSAS ENGINEERING
CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS 67205
316-684-9600

TKM
DESIGN BY: WNU
NOVEMBER 1995
DATE

TKM
DRAWN BY: WNU
DRWAP2
104 WD

TKM
CHECKED BY: WNU
1 / 1
SHEET TOTAL