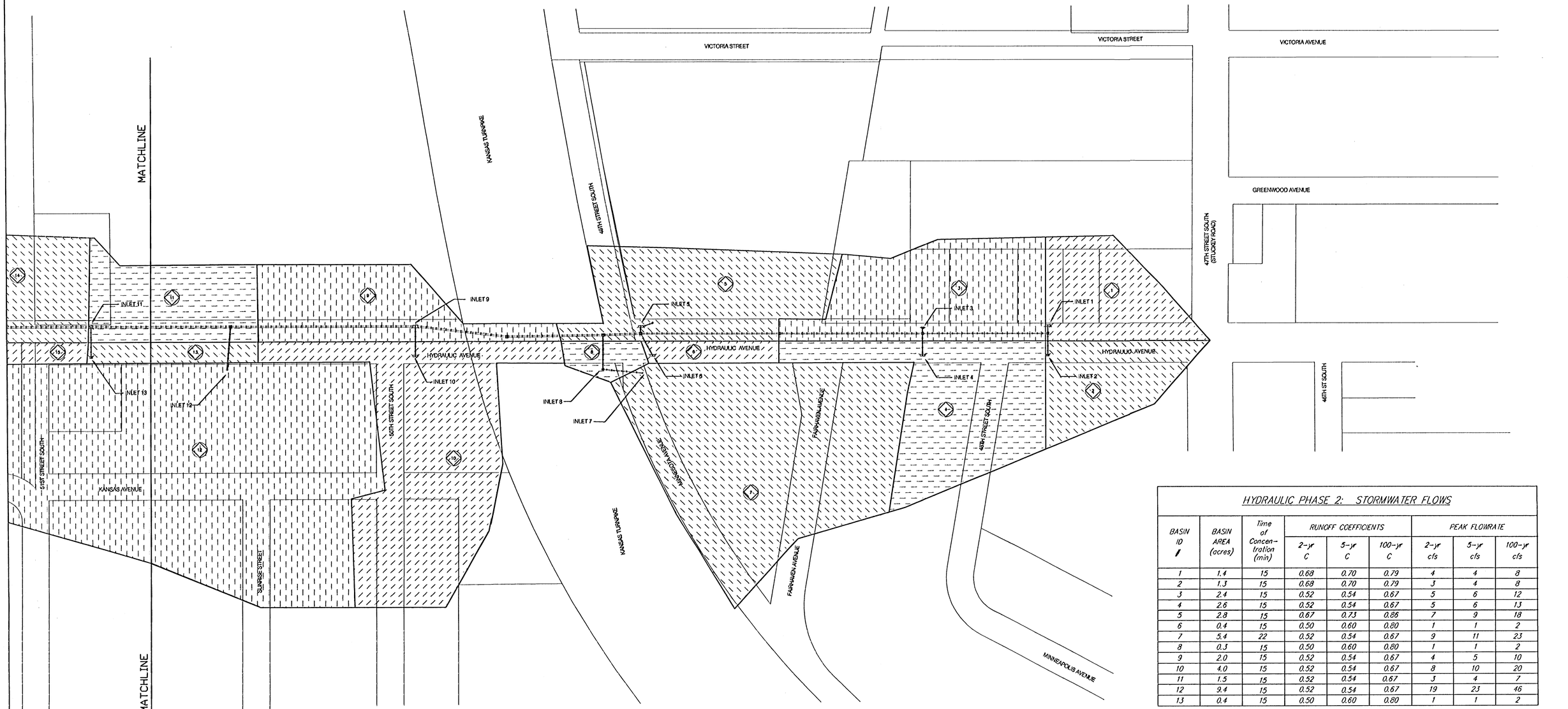
FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0303-01	2003	30	143



HYDRAULIC PHASE 2: STORMWATER FLOWS

BASIN ID #	BASIN AREA (acres)	Time of Concentration (min)	RUNOFF COEFFICIENTS			PEAK FLOWRATE		
			2-yr C	5-yr C	100-yr C	2-yr cfs	5-yr cfs	100-yr cfs
1	1.4	15	0.68	0.70	0.79	4	4	8
2	1.3	15	0.68	0.70	0.79	3	4	8
3	2.4	15	0.52	0.54	0.67	5	6	12
4	2.6	15	0.52	0.54	0.67	5	6	13
5	2.8	15	0.67	0.73	0.86	7	9	18
6	0.4	15	0.50	0.60	0.80	1	1	2
7	5.4	22	0.52	0.54	0.67	9	11	23
8	0.3	15	0.50	0.60	0.80	1	1	2
9	2.0	15	0.52	0.54	0.67	4	5	10
10	4.0	15	0.52	0.54	0.67	8	10	20
11	1.5	15	0.52	0.54	0.67	3	4	7
12	9.4	15	0.52	0.54	0.67	19	23	46
13	0.4	15	0.50	0.60	0.80	1	1	2

DRAINAGE MAP
HYDRAULIC AVENUE - 47TH STREET TO 51ST STREET

NOT TO SCALE

DRAINAGE AREA IDENTIFIER

DRAINAGE AREA

F:\eng\Hydraulic_phs2\Drainage Maps\Drainage03.dwg

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 * 315 ELUS * WICHITA, KANSAS 67211