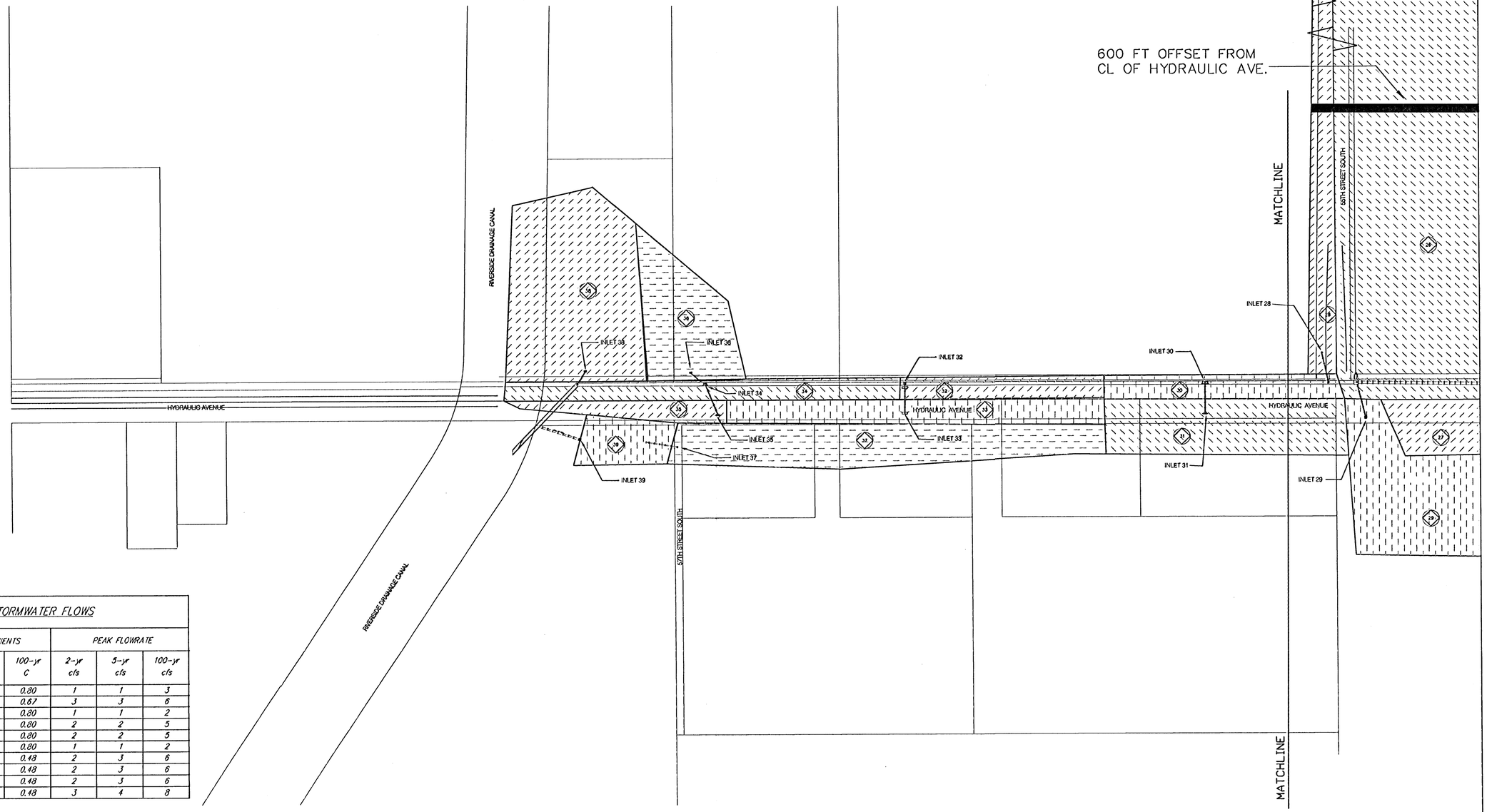
FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0303-01	2003	28	143



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
30	0.5	15	0.50	0.60	0.80	1	1	3
31	1.3	15	0.52	0.54	0.67	3	3	6
32	0.4	15	0.50	0.60	0.80	1	1	2
33	0.9	15	0.50	0.60	0.80	2	2	5
34	0.8	15	0.50	0.60	0.80	2	2	5
35	0.3	15	0.50	0.60	0.80	1	1	2
36	1.7	15	0.37	0.40	0.48	2	3	6
37	1.6	15	0.37	0.40	0.48	2	3	6
38	1.6	15	0.37	0.40	0.48	2	3	6
39	2.2	15	0.37	0.40	0.48	3	4	8

DRAINAGE MAP (WITH MODIFIED AREAS FOR 600' MAXIMUM OFFSET)
HYDRAULIC AVENUE - 55TH STREET TO RIVERSIDE DRAINAGE CANAL

SCALE: 1" = 100'

DRAINAGE AREA IDENTIFIER

DRAINAGE AREA

F:\eng\Hydraulic_phs2\Drainage Maps\Drainage01w600offset.Dwg

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