

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

600 FT OFFSET FROM CL OF HYDRAULIC AVE.

MATCHLINE

INLET 28

55TH STREET SOUTH

INLET 30

HYDRAULIC AVENUE

INLET 31

INLET 29

MATCHLINE

RIVERSIDE DRAINAGE CANAL

INLET 36

INLET 38

INLET 34

INLET 32

INLET 30

HYDRAULIC AVENUE

INLET 33

INLET 35

INLET 37

INLET 39

55TH STREET SOUTH

RIVERSIDE DRAINAGE CANAL

HYDRAULIC PHASE 2: STORMWATER FLOWS

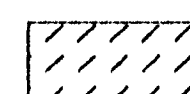
BASIN ID #	BASIN AREA (acres)	Time of Concentration (min)	RUNOFF COEFFICIENTS			PEAK FLOWRATE		
			2-yr C	5-yr C	100-yr C	2-yr cfs	5-yr cfs	100-yr cfs
30	0.5	15	0.50	0.60	0.80	1	1	3
31	1.3	15	0.52	0.54	0.67	3	3	6
32	0.4	15	0.50	0.60	0.80	1	1	2
33	0.9	15	0.50	0.60	0.80	2	2	5
34	0.8	15	0.50	0.60	0.80	2	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



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