STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BHSLB-0656-00(002)	146	169

REVISION DATES

STRUCTURE NUMBER	DRAINAGE AREA (sq. mi.)	STATION	SIZE	RECEIVING WATERS	$Q_{25\text{-BEFORE}}$	$Q_{100\text{-BEFORE}}$	$Q_{25\text{-AFTER}}$	$Q_{100\text{-AFTER}}$	$HW_{25\text{-BEFORE}}$	$HW_{100\text{-BEFORE}}$	$HW_{25\text{-AFTER}}$	$HW_{100\text{-AFTER}}$	$V_{25\text{-BEFORE}}$	$V_{100\text{-BEFORE}}$	$V_{25\text{-AFTER}}$	$V_{100\text{-AFTER}}$	C_{BEFORE}	C_{AFTER}
1	1410	20+75.79	REQ'D 610'x32' REINF. CONC. BRIDGE	FLINT RIVER	46,298 CFS	62,271 CFS	46,298 CFS	62,271 CFS	418.58	421.47	418.58	421.45	6.66FPS	7.56FPS	6.66FPS	7.55FPS	.3	.3

VOID

NOTE 1:
SEE ENVIRONMENTAL RESOURCES IMPACT TABLE
IN GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS

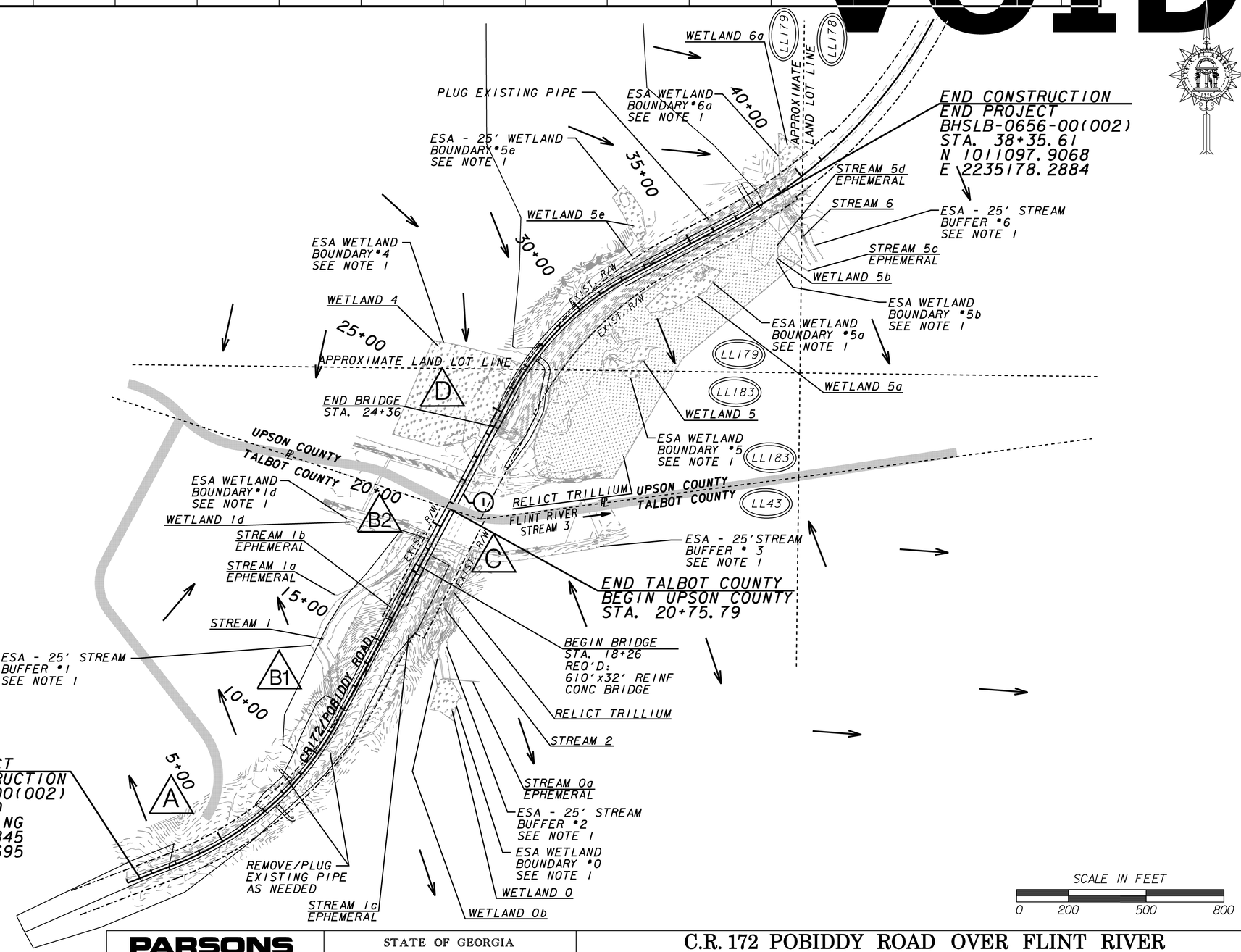
NOTE 2:
THE ESTIMATED FINAL COEFFICIENT OF RUN-OFF
FOR THE PROJECT IS BETWEEN .3 AND .95

OUTFALL	A	B	C	D
DRAINAGE AREA (Ac.)	1.18	4.50	3.95	25.37
DISTURBED AREA (Ac.)	0.21	3.30	3.57	3.27
$Q_{50\text{-BEFORE}}$ (CFS)	4.03	16.55	13.52	20.87
$Q_{50\text{-AFTER}}$ (CFS)	4.07	16.57	12.80	21.50
$Q_{100\text{-BEFORE}}$ (CFS)	4.38	17.99	22.09	22.69
$Q_{100\text{-AFTER}}$ (CFS)	4.42	18.01	22.70	23.36
$V_{50\text{-BEFORE}}$ (FPS)	4.40	6.90	3.69	3.73
$V_{50\text{-AFTER}}$ (FPS)	4.28	2.72	2.88	2.38
C_{BEFORE}	0.428	0.461	0.429	0.103
C_{AFTER}	0.433	0.462	0.440	0.106

DRAINAGE AREA (EXCLUDING RIVER)	56.22 ACRES
DISTURBED AREA	16.36 ACRES
PROJECT SIZE	18.68 ACRES

LEGEND

A -OUTFALL



PARSONS
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STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF PROGRAM DELIVERY

C.R. 172 POBIDDY ROAD OVER FLINT RIVER
EROSION DRAINAGE AREA MAP

DRAWING No. 53-01