



BENT LOCATION	100 YEAR STORM			500 YEAR STORM		
	GENERAL	LOCAL	TOTAL	GENERAL	LOCAL	TOTAL
BENTS 2-4	13.4	8.7	22.1	14.3	9.0	23.3
BENT 5	0.0	4.0	4.0	0.0	4.3	4.3
BENTS 6-12	0.0	3.3	3.3	0.0	3.5	3.5

THE OVERTOPPING SCOUR IN THE CREEK IS 14.3 FT

TRAFFIC DATA

TRAFFIC ----- ADT = 12,150 (2016)  
 ----- ADT = 18,000 (2036)

DESIGN SPEED ----- 45 MPH

TRUCKS ----- 11 %

24 HR TRUCKS ----- 15.5 %

DIRECTIONAL ----- 60 %

DRAINAGE DATA

DRAINAGE AREA ----- 3,800 SQ MILES

FLOOD FREQUENCY	TOTAL DISCHARGE	MEAN VELOCITY	AREA OF OPENING UNDER FLOODSTAGE	BACKWATER
50 YEAR	77100 CFS	2.84 FPS	27,185 SQ FT	0.15 FT
100 YEAR	86700 CFS	2.97 FPS	29,199 SQ FT	0.17 FT
OVERTOPPING	100000 CFS	3.19 FPS	31,457 SQ FT	0.41 FT

PROPOSED UTILITIES

8 INCH DIAMETER SANITARY SEWER DOWNSTREAM SIDE OF BRIDGE

EXISTING UTILITIES

LIGHT STANDARDS ATTACHED TO UPSTREAM AND DOWNSTREAM SIDES OF EXISTING BRIDGE

OVERHEAD UTILITIES CROSSING OVER EAST AND WEST ENDS OF EXISTING BRIDGE

BRIDGE SERIAL NO. --- 235-0009-0

BRIDGE ID NO. --- 235-00026W-000.52W

P.I. NO. 0007050

BRIDGE NO. 2

GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

PRELIMINARY LAYOUT  
 S.R. 26 WESTBOUND (COMMERCE ST.)  
 OVER OCMULGEE RIVER  
 PULASKI COUNTY CSBRG-0007-00(050)

SCALE: 1" = 20'-0" (UNLESS NOTED) MAY 2013

DESIGNED STB	CHECKED CRP	REVIEWED DLC/WMD
DRAWN WMC	DESIGN GROUP STB	APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE

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PRELIMINARY