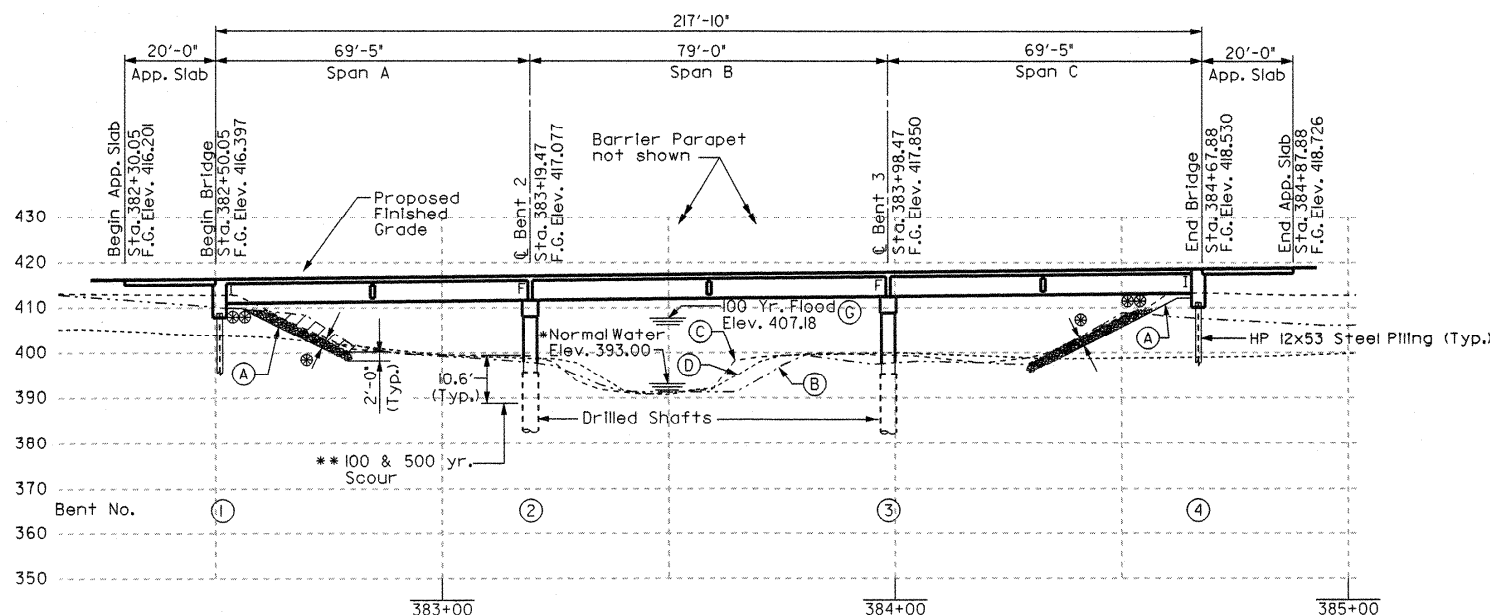
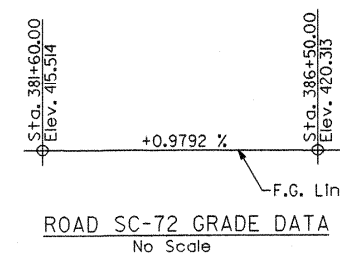


DRAIN LOCATIONS	
LEFT	RIGHT
382+73	382+7
382+96	382+9
383+40	383+4
383+60	383+6
383+80	383+8
384+21	384+2
384+44	384+4




SECTION ALONG C OF ROAD SC-72
Scale: 1" = 20'-0"



HYDROLOGY DATA

D.A. = 33.6 sq. miles
Q50 = 3749 cfs
AREA FURNISHED UNDER
ELEV. 406.4 = 1662 sq. ft.
VEL. = 4.2 ft/sec
Q100 = 4335 cfs
AREA FURNISHED UNDER
ELEV. 407.8 = 1833 sq. ft.
VEL. = 4.4 ft/sec
OVERTOPPING FLOOD
PROBABILITY < 0.002

- (A) Proposed groundline along \mathbb{C} Road SC-72
- (B) Approximate existing groundline along \mathbb{C} Road SC-72
- (C) Approximate existing groundline 45' right of \mathbb{C} Road SC-72
- (D) Approximate existing groundline 45' left of \mathbb{C} Road SC-72
- * The elevation is for information only and the actual water elevation during construction may vary depending on weather conditions and seasonal fluctuations.
- ** Depth shown is typical depth below proposed groundline for each Drilled Shaft at each Interior Bent.
- (E) Concrete Transition Curb and Flume at Bridge End, by Others. See Rdwy Std. Dwg. No. 721-I.
- (F) Thrie Beam Type Guardrail Attachment.
- 2:1 slope perpendicular to End Bent.
- (G) Low bridge beam is 3.0' above this elevation.
- 2'-0" Rip-rap layer, by others, to Elevation 409.2 (Class B Rip-rap placed in accordance with Standard Specifications). See Roadway Plans.
-  Area to be removed, by Road Contractor. See Roadway Plans.
- (H) Concrete Transition Curb and paved shoulder, by Others. See Rdwy. Std. Dwg. No. 721-I.



Wilbur Smith Associates **Bridge Consultant**

**SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

BRIDGE DESIGN **COLUMBIA, S.C.**

BRIDGE PLAN AND PROFILE REPLACE BRIDGE OVER McKENLEY CREEK

REV.					SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION BRIDGE DESIGN COLUMBIA, S.C.
REV.					
REV.					<u>BRIDGE PLAN AND PROFILE</u> REPLACE BRIDGE OVER McKENLEY CREEK
REVIEWED DWT 08-02					
QUAN.					
DR.	DES	TWR	EAN	BET	9-0 6-02
DES.					
	BY	CHE	DATE	FILE NO.	ROUTE
				1. 1058-1	SC-72
				COUNTY	ADBBVILLE
				DRAWING NO.	

