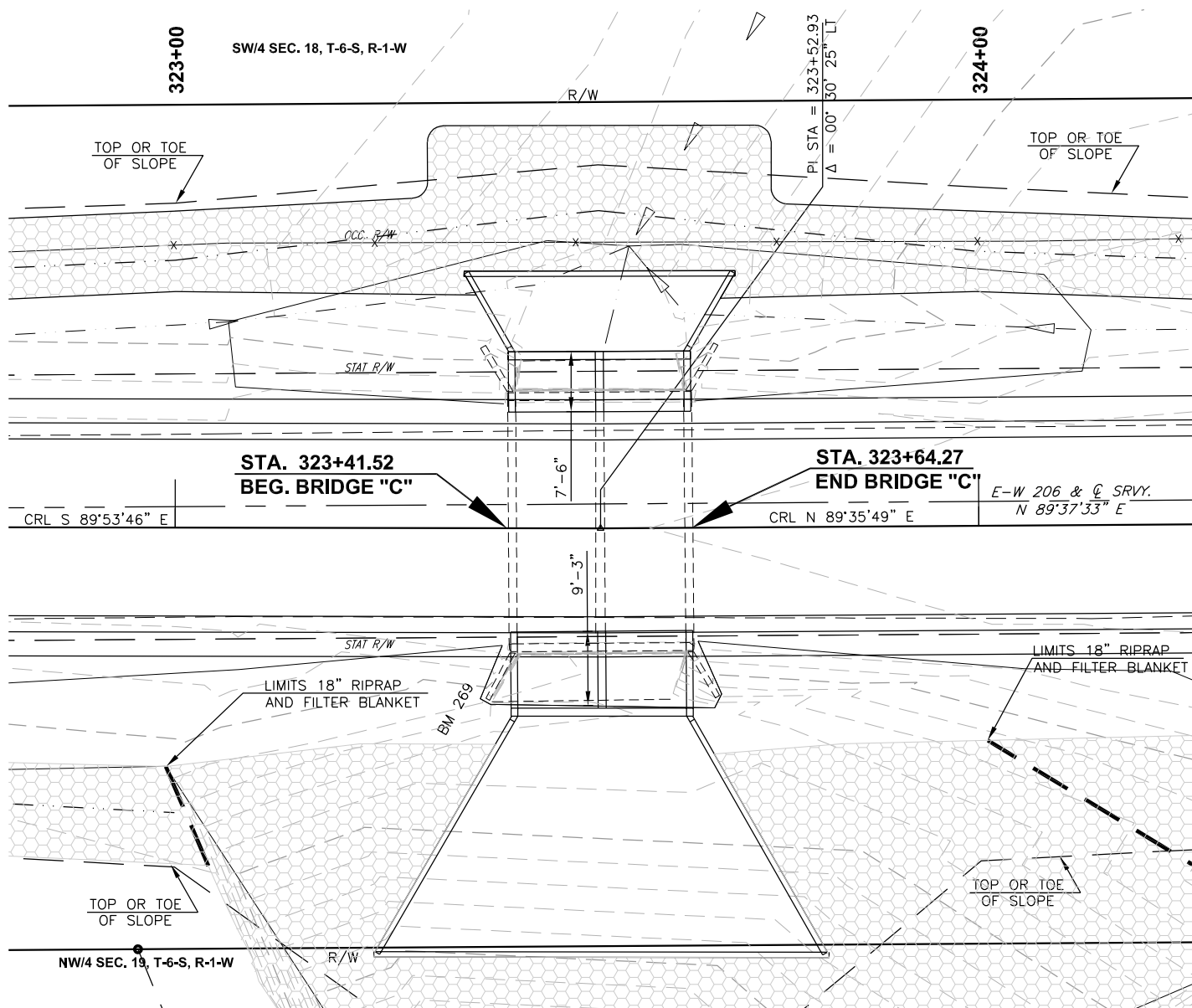


FED. ROAD DIST. NO.	PROJECT NO.	SHEET NO.	TOTAL SHEETS
6		B003	130



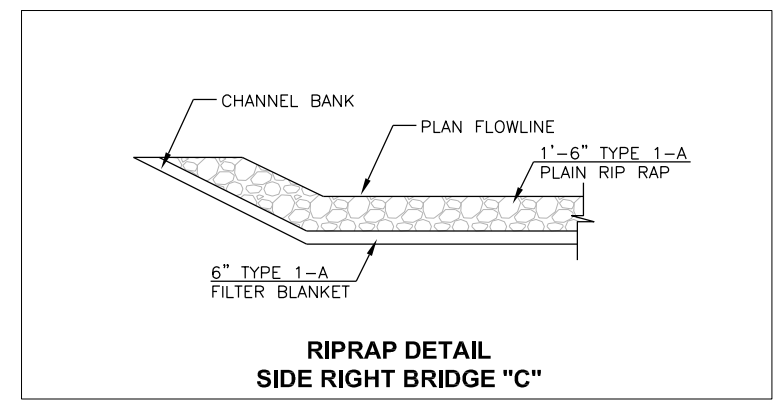
APPROX. LIMITS OF RIPRAP:  
50 FEET LEFT  
92 FEET RIGHT

HYDRAULIC DATA	
D.A. = 0.70 SQ. MI.	
Q2	= 174.37 CFS
V2	= 9.32 FPS
CHW	= 823.96 FT
Q5	= 227.05 CFS
V5	= 10.01 FPS
CHW	= 824.37 FT
Q10	= 258.58 CFS
V10	= 10.36 FPS
CHW	= 824.61 FT
Q25	= 329.53 CFS
V25	= 11.04 FPS
CHW	= 825.13 FT
Q50	= 408.68 CFS
V50	= 11.67 FPS
CHW	= 825.66 FT
Q100	= 473.01 CFS
V100	= 12.12 FPS
CHW	= 826.08 FT
Qot = Q74	

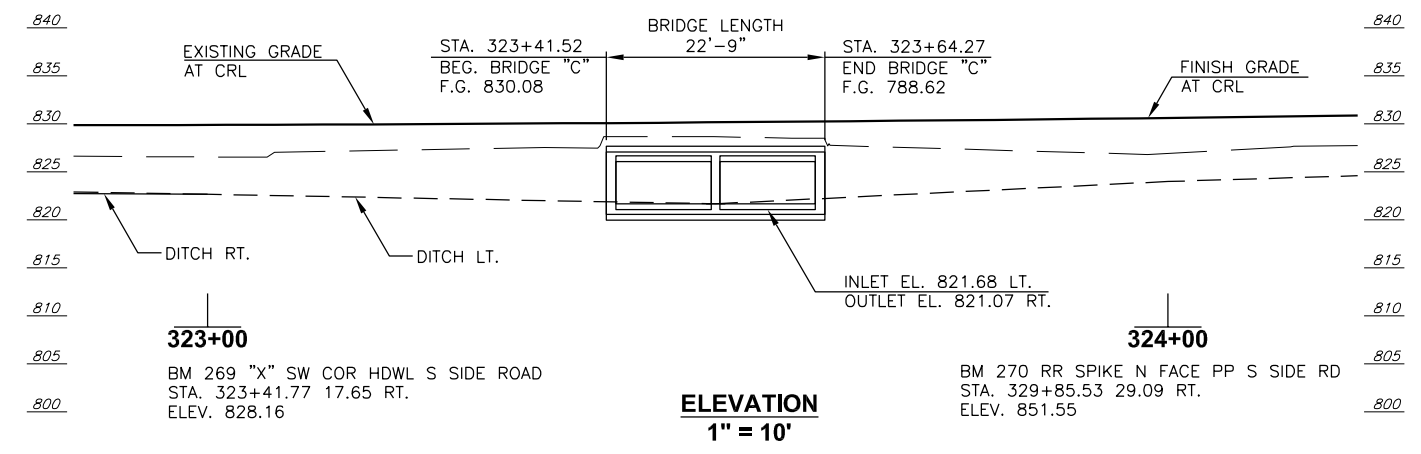
LRFD DESIGN DATA	
DESIGN SPECIFICATIONS: DESIGNED IN ACCORDANCE WITH 1998 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS AND INTERIM SPECIFICATIONS FROM 1999, 2000, 2001, AND 2002.	
DESIGNED FOR HL-93 LOADING AND OVERLOAD TRUCK.	
MATERIALS:	
CONCRETE (CLASS AA)	f'c = 4 KSI
REINFORCING STEEL	fy = 60 KSI

BRIDGE "B" PAY QUANTITIES			
DOUBLE 10' X 5' RCB EXTEND LT. 7'-6" LT AND 9'-3" RT.			
ITEM	DESCRIPTION	UNITS	QUANTITY
202(A)	UNCLASSIFIED EXCAVATION	CY	477.00
501(B)	SUBSTRUCTURE EXCAVATION COMMON	CY	39.00
509(B)	CLASS A CONCRETE	CY	58.09
511(A)	REINFORCING STEEL	LB	4,286.00
601(B)	TYPE 1-A PLAIN RIPRAP	TON	286.00
601(C)	TYPE 1-A FILTER BLANKET	TON	91.00

PLAN  
CONTOUR INTERVAL = 1'



RIPRAP DETAIL  
SIDE RIGHT BRIDGE "C"



ELEVATION  
1" = 10'

- BM 268 RR SPIKE N FACE 18" TREE S SIDE ROAD  
STA. 315+53.64 44.12 RT.  
ELEV. 855.46
- BM 269 "X" SW COR HDWL S SIDE ROAD  
STA. 323+41.77 17.65 RT.  
ELEV. 828.16
- BM 270 RR SPIKE N FACE PP S SIDE RD  
STA. 329+85.53 29.09 RT.  
ELEV. 851.55

BRIDGE "C"  
STA 323+52.95 X-ING EXTEND  
2- 10' X 5' RCB  
W/4" CURTAIN WALL EACH END  
CONST. 7.5' LT. & 9.25' RT  
STD. BC-5A2, DES. NO. 27.

FILENAME: B003 GPE - C.DWG

DESIGN	E.R.N.	TRIBUTARY TO SIMON CREEK	LOVE COUNTY
DRAWN	E.L.S. 10/30/11	<b>BRIDGE "C" GENERAL PLAN AND ELEVATION</b>	
CHECKED	E.R.N.		
APPROV.	D.E.S.		
SQUAD	COBB ENG.	JOB PIECE NO. 25447(04)	SHEET NO. B003