

FED. ROAD DIST. NO.	PROJECT NO.	SHEET NO.	TOTAL SHEETS
6		B001	130

APPROX. LIMITS OF RIPRAP:  
56 FEET RIGHT

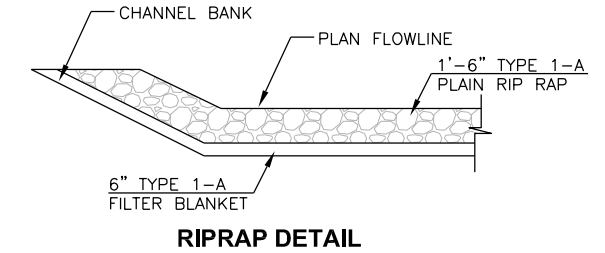
HYDRAULIC DATA	
D.A.	= 3.06 SQ. MI.
Q2	= 173 CFS
V2	= 3.46 FPS
CHW	= 781.23 FT
Q5	= 367 CFS
V5	= 5.82 FPS
CHW	= 782.28 FT
Q10	= 540 CFS
V10	= 9.23 FPS
CHW	= 783.11 FT
Q25	= 815 CFS
V25	= 10.47 FPS
CHW	= 784.27 FT
Q50	= 1,060 CFS
V50	= 11.33 FPS
CHW	= 785.19 FT
Q100	= 1,340 CFS
V100	= 12.14 FPS
CHW	= 786.49 FT
Qot	= Q24

**LRFD DESIGN DATA**

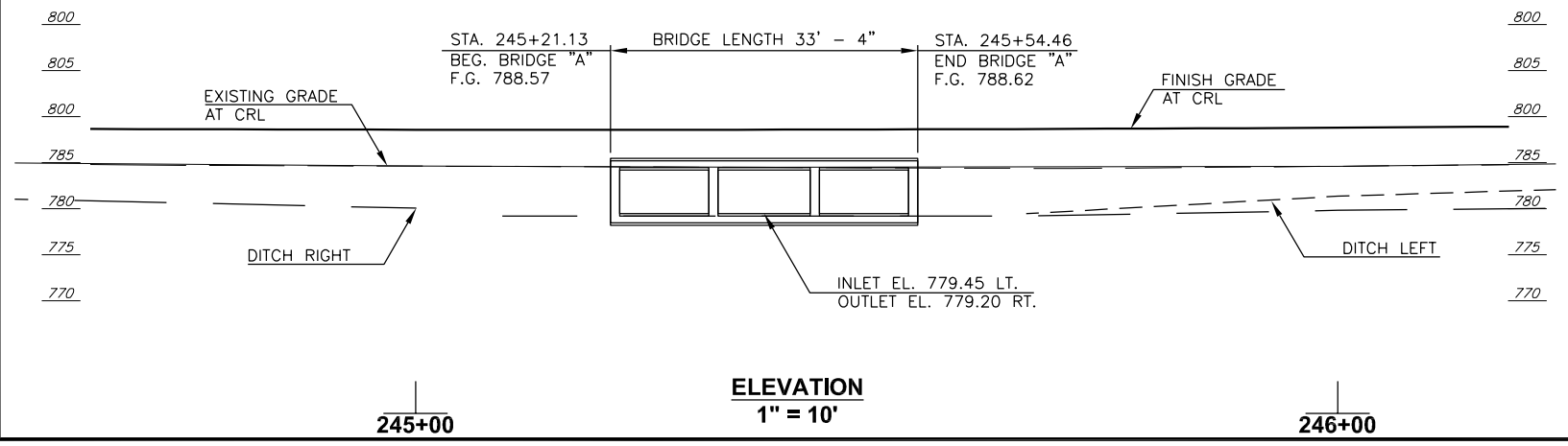
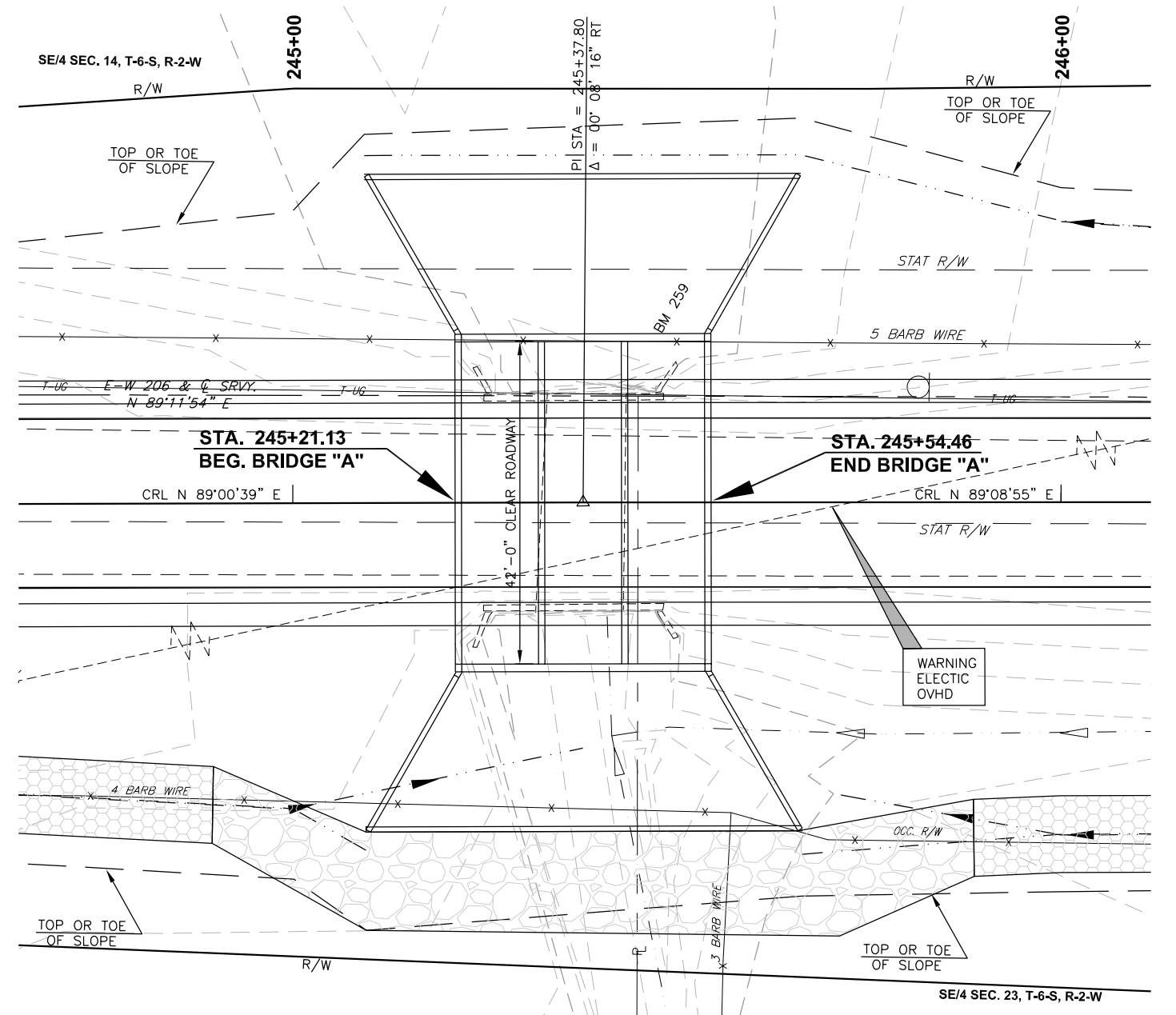
DESIGN SPECIFICATIONS: DESIGNED IN ACCORDANCE WITH 1998 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS AND INTERIM SPECIFICATIONS FROM 1999, 2000, 2001, AND 2002.

DESIGNED FOR HL-93 LOADING AND OVERLOAD TRUCK.

MATERIALS:  
CONCRETE (CLASS AA)  $f'_c = 4$  KSI  
REINFORCING STEEL  $f_y = 60$  KSI



BRIDGE "A" PAY QUANTITIES			
TRIPLE 10' X 5' X 44' RCB			
ITEM	DESCRIPTION	UNITS	QUANTITY
202(A)	UNCLASSIFIED EXCAVATION	CY	1,159.00
501(B)	STRUCTURAL EXCAVATION COMMON	CY	146.00
509(A)	CLASS AA CONCRETE	CY	233.36
511(A)	REINFORCING STEEL	LB	38,141.00
601(B)	TYPE 1-A PLAIN RIPRAP	TON	105.00
601(C)	TYPE 1-A FILTER BLANKET	TON	35.00
619(D)	REMOVAL OF EXISTING BRIDGE STRUCTURE	EA	1.00



BM 258 RR SPIKE IN N FACE 6IN F POST  
STA. 238+84.31 52.27 RT.  
ELEV. 801.93

BM 259 "X" IN E SIDE HDWL N SIDE OF ROAD  
STA. 245+47.84 0.24 LT.  
ELEV. 782.65

BM 260 RR SPIKE IN S FACE OF STUMP  
STA. 252+15.29 26.26 LT.  
ELEV. 806.17

BRIDGE "A"  
STA 245+37.75 X-ING.  
CONST. 3-10' X 5' X 44' RCB  
W/4' CURTAIN WALLS EACH END  
STD. RCB-C3-10(2-12)-02E,  
RCB-E3-H5-0-1-01E,  
RCB-CW3-D4-0-01E

EXISTING STRUCTURE - 245+37.66 2-10' X 5' RCB (REMOVE)

TRIBUTARY TO SIMON CREEK LOVE COUNTY

**BRIDGE "A" GENERAL PLAN AND ELEVATION**

JOB PIECE NO. 25447(04) SHEET NO. B001