

Initials	Date

Project No. County

JP #

over

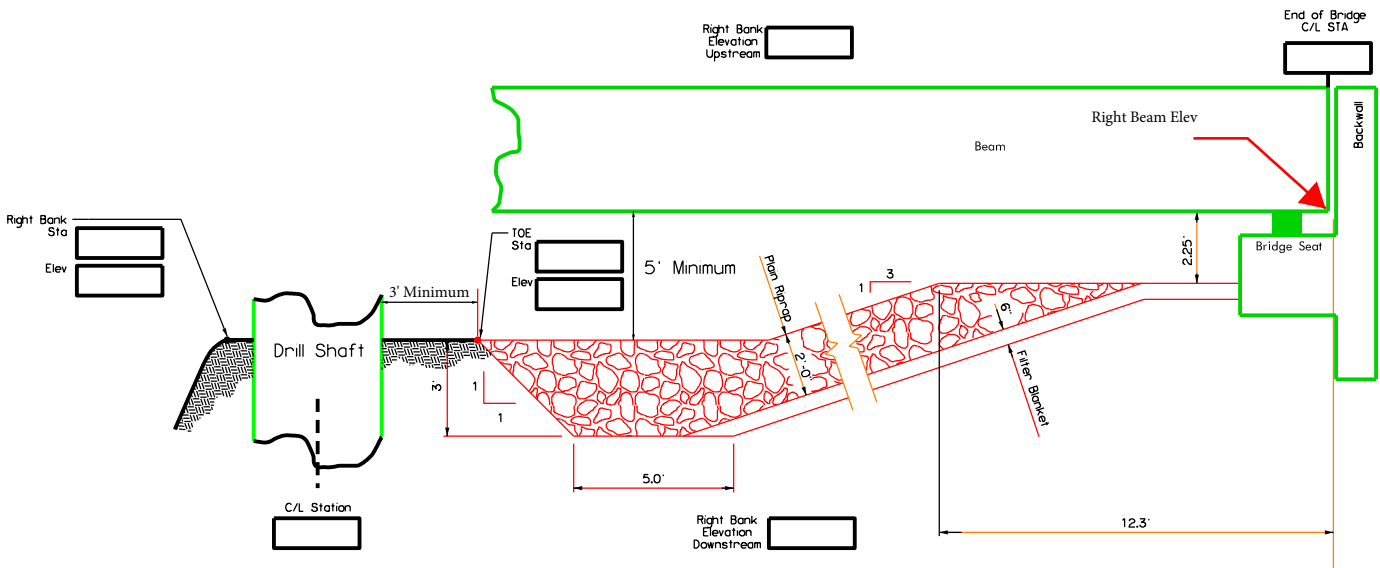
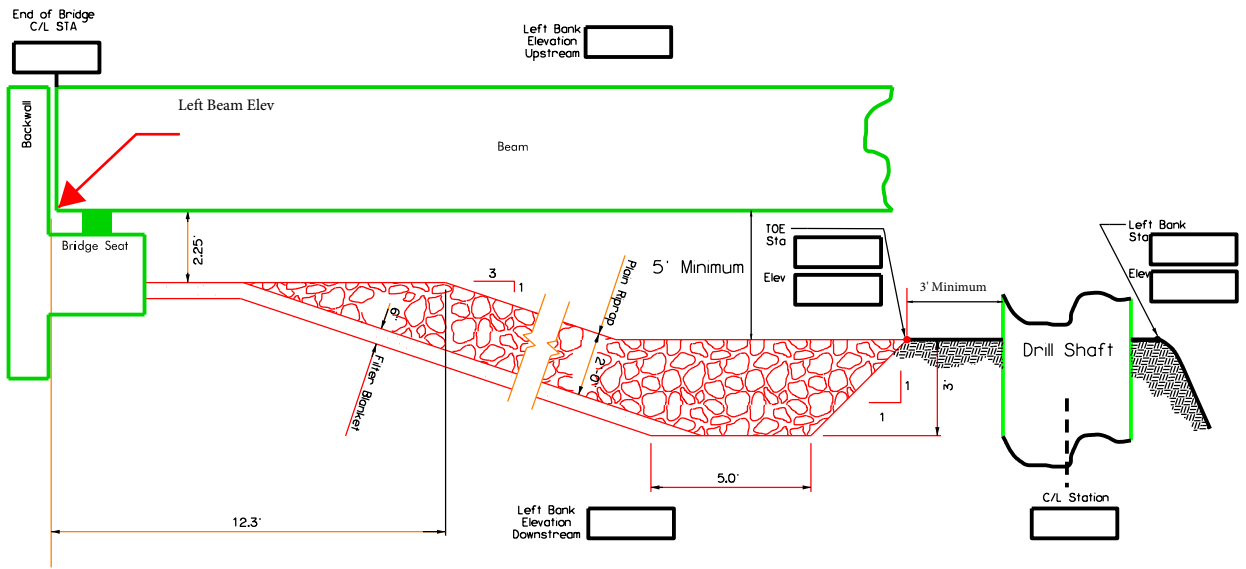
Hydraulic Summary

Total Drainage Area = sq. mi
 Controlled Drainage Area = sq. mi
 Effective Drainage Area = sq. mi

Existing Structure:	<input type="text"/>	L = <input type="text"/> ft	Q _{OT} ≈ Y _r f _{req}	NBIS # <input type="text"/>	Low Bm Elev = <input type="text"/> ft
	C/L Station <input type="text"/>				Low Bm Sta = <input type="text"/>
	NBIS # <input type="text"/>				Rdwy _{OT} Elev = <input type="text"/> ft
					Rdwy _{OT} Sta = <input type="text"/>
Proposed Structure:	<input type="text"/>	L = <input type="text"/> ft	Q _{OT} ≈ Y _r f _{req}		Low Bm Elev = <input type="text"/> ft
	C/L Station <input type="text"/>			Low Bm Sta = <input type="text"/>	
	ft offset to the			Rdwy _{OT} Elev = <input type="text"/> ft	
					Rdwy _{OT} Sta = <input type="text"/>
Detour Structure:	<input type="text"/>	Slope = <input type="text"/> ft/ft	Q _{OT} ≈ Y _r f _{req}		Inlet Elev = <input type="text"/> ft
	C/L Station <input type="text"/>			Detour _{OT} Elev = <input type="text"/> ft	
	ft offset to the			Detour _{OT} Sta = <input type="text"/>	

Freq.	Q (cfs) Total	CHW (ft)		Main	Overflow #1	Overflow #2	Overflow #3
2			Q(bridge)				
			V(bridge)				
5			Q(bridge)				
			V(bridge)				
10			Q(bridge)				
			V(bridge)				
25			Q(bridge)				
			V(bridge)				
50			Q(bridge)				
			V(bridge)				
100			Q(bridge)				
			V(bridge)				
OT or 500 =Y _r f _{req}			Q(bridge)				
			V(bridge)				
Detour OT =Y _r f _{req}			Q(bridge)				
			V(bridge)				
Contraction Scour (ft)			Q100				
			Q OT or Q 500				
Pier Scour (ft)			Q100				
			Q OT or Q 500				
Total Scour (ft)			Q100				
			Q OT or Q 500				

Notes:



If the bridge is skewed, then fill out this sheet twice with the bridge details from each side of the centerline on each sheet.