

Initials

Date

Project No. County
 JP #

over
 NBIS #

Hydraulic Summary

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

Existing Structure: L = ft
 C/L Station $Q_{OT} \approx Yrfreq$ ft
 Low Bm Elev = ft
 Low Bm Sta =
 Rdwy_{OT} Elev = ft
 Rdwy_{OT} Sta =

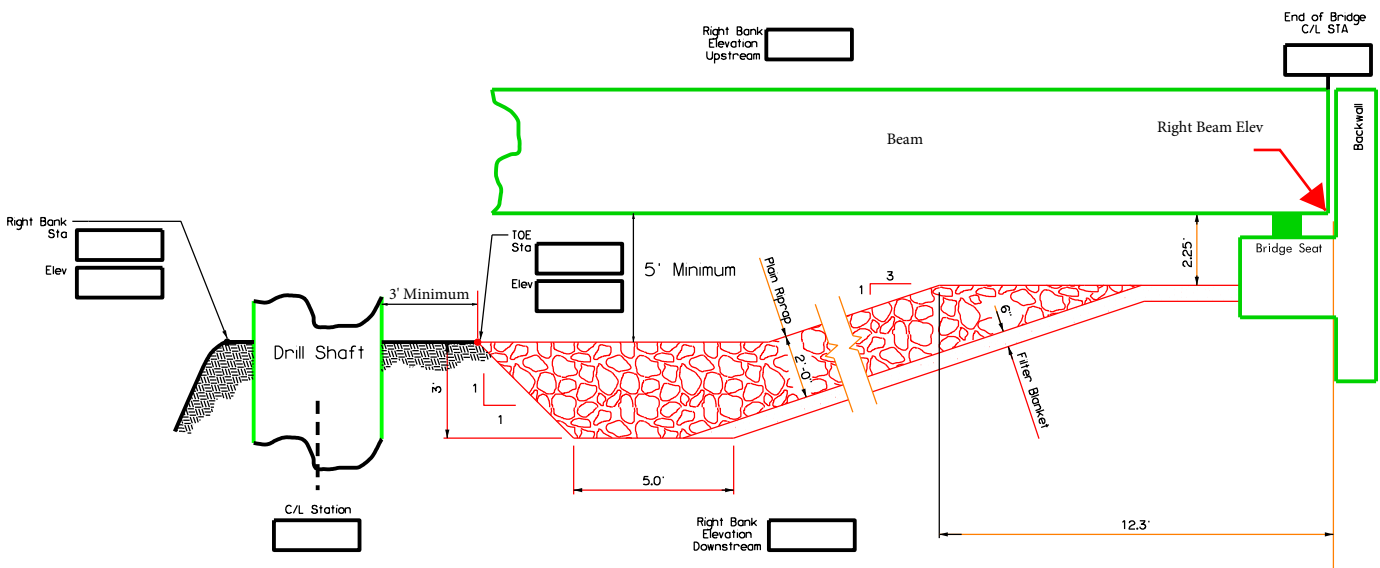
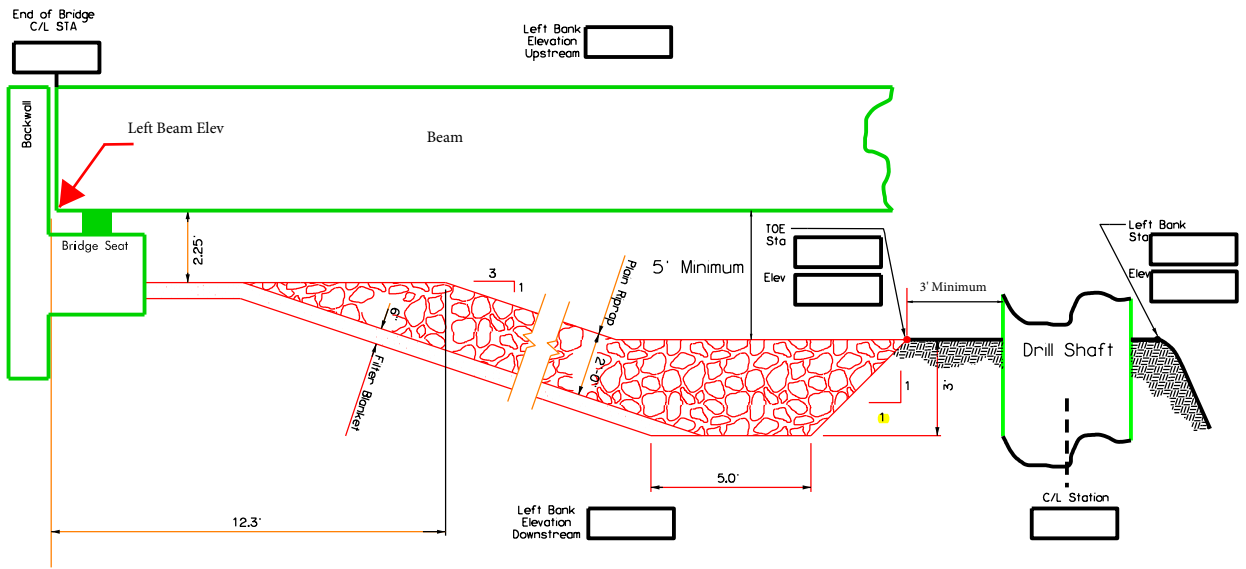
Proposed Structure: L = ft
 C/L Station $Q_{OT} \approx Yrfreq$ ft
 ft offset to the
 Low Bm Elev = ft
 Low Bm Sta =
 Rdwy_{OT} Elev = ft
 Rdwy_{OT} Sta =

Detour Structure: Slope = ft/ft
 C/L Station $Q_{OT} \approx Yrfreq$ ft
 ft offset to the
 Inlet Elev = ft
 Detour_{OT} Elev = ft
 Detour_{OT} Sta =

Freq.	Q (cfs)	CHW (ft)	V (fps)	Contraction Scour (ft)	Pier Scour (ft)	Total Scour (ft)
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
25	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
50	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
100	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
OT or 500 = Yrfreq	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Detour OT = Yrfreq	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Notes:

*Hydraulic Design is in compliance with
 "Federal-Aid Policy Guide 23 CFR 650, Subpart A"*



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