Route 2725+ Stream Thunder CK		MRM	Da	ate 8/16	/// Ini	tials Car		
Bridge Structure No. 62229220 Lo							7	
GPS coordinates: 143°27'31.2"	taken from:	USL abutmen	t X	centerline o	of I MRM		_	
W99047'37.9"	Datum of co	oordinates: Wo	GS84_X	NAD27_				
Drainage area = 82.7 sq. mi.	2.0			10				
The average bottom of the main channel was 16	. 4 ft belo	w top of guardr	ail at a poir	163	ft from le	ft abutment.		
Method used to determine flood flows:Freq.								
Could discovered discussion of the Could applicated absolute and the Could applicated of the Could applicated and the Could applicate and the Could applicated and the Could applicate and the Could applicated and the Could applicated and the Could applicate and the Could applicated and the Could applicated and the Could applicated and the Could applicated and the Could app					der vel kalieren var der uen ⊕ ue		OV.	171
	SCELLANI	EOUS CONSII	DERATIO	NS			PKa	
Flows	$Q_{100} = 46/0$			$Q_{500} = 7730$			2	1308
Estimated flow passing through bridge	4610			7730			5	936
Estimated road overflow & overtopping						_	10	1610
Consideration	Yes	No	Possibly	Yes	No	Possibly	25	266
Chance of overtopping		X			-		50	354
Chance of Pressure flow		—					100	4610
Armored appearance to channel Lateral instability of channel		1						7730
Lateral histability of chamiler						=	500	111
Riprap at abutments? Yes	V No	Marginal				1	1 g 2	
Evidence of past Scour? Yes	No _	Marginal Don't know	At	poroach	X5 7	- in di	tch	
Debaie Detection 10		Don't know	710 0	11				
Debris Potential?High	Med	_Low Lo	a jan	4				
Does scour countermeasure(s) appear to have been								
		Io Dor	't lenous	\times_{NA}				
	VesNoDon't knowNA Ves NoDon't knowNA							
901 - 920 0 - 500 0 50 0 0 0 0 0 0 0 0 0 0 0 0 0		10001						
OtherY	esN	NoDon	't know	NA				
Ped Metarial	Classificatio	n Daard on Ma	dian Dantia	la C:a (D.)				
		n Based on Me	dian Partic			D 11		
7	Gravel			Cobbles Boulders Boulders				
Size range, in mm <0.062 0.062-2.	00	2.00-64		64-250		>250		
Comments, Diagrams & orientation of digital phot	0.0							
1941 - 1D 46-	P Ab	+,						
(4') > .11 5								
47-	US Fa	ac .						
43- 43 RB 44- 45 LB 46- L. Abut								
44 - 43 LB								
46 - L. Abut								
Summary of Results							ı	
Pridge flour qualitated	Q100			Q500				
Bridge flow evaluated Flow depth at left abutment (yaLT), in feet	4610			7730				
Flow depth at left abutment (yaLT), in feet Flow depth at right abutment (yaRT), in feet	0			1.4				
Contraction scour depth (ycs), in feet	4.3							
Pier scour depth (yps), in feet	6.7				6.9			

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Left abutment scour depth (yas), in feet Right abutment scour depth (yas), in feet 1Flow angle of attack