OGRM: "RegionA", "RegionB",

Mozpizh

Route 270 St Stream Coffee Ch Bridge Structure No. 34094020 Loc GPS coordinates: U 43° 28° 15.90	4	MRM	Dat	e 6/7/17	Init	ials fa	
Pridas Structura No. 34094020 Los	ation 2	7 F	of Du	nock	2	70st	
GDS acadimeters 11/130 754 16 91	taken from:	LISI abutmen	X	centerline o	of I MRM e	end	
W 97° 55' 49.6"	Datum of co	ordinates: W	GS84 V	NAD27			
Drainage area = 28.6 sq. mi.							
The average bottom of the main channel was _ jul.	8 ft belov	v top of guardi	rail at a poin	t 30	_ft from lef	ft abutment.	1211
Method used to determine flood flows:Freq.	Anal.	drainage area	ratio 🔼 1	regional reg	ression equ	ations. 5	100
						8.	124
MIS	CELLANE	OUS CONSI	DERATION	NS		Qico	178,2
Flows	Q 100 =	1580		$Q_{500} =$	AHAMOS	2250 2	286
Estimated flow passing through bridge	1580				34400	2013 5	
Estimated road overflow & overtopping	0				Nobabo	237 10	546
Consideration	Yes	No	Possibly	Yes	No	Possibly 25	1060
Chance of overtopping		×			$\times$	50	1580
Chance of Pressure flow		*				100	2250
Armored appearance to channel		*			$\times$	The second secon	
Lateral instability of channel		X			*	500	11110
Does scour countermeasure(s) appear to have been Riprap  Spur Dike  Other  Bed Material  Material  Silt/Clay  Sand  Size range, in mm  <0.062  0.062-2.	esN esN Classification	NoDo NoDo NoDo on Based on M	edian Partic	NA	<sub>0</sub> )	Boulders	
Comments, Diagrams & orientation of digital photo  1). main channel  2-3) left abutment  4). left OB  5], left OB  6). main channel	ht ob						
Summary of Results					-5/27- <del></del>	Mode Challen	
	Q <del>100</del> 50			Q <del>500-100</del>			
Bridge flow evaluated		2250			2450		
Flow depth at left abutment (yaLT), in feet		6		(,)			
Flow depth at right abutment (yaRT), in feet		1.9			3.2		
Contraction scour depth (ycs), in feet	20.5			23.2			

NA

4,2

the 8,5

Pier scour depth (yps), in feet

1Flow angle of attack

Left abutment scour depth (yas), in feet Right abutment scour depth (yas), in feet