## **LOCATION HYDRAULIC STUDY FORM \***

EA	12 Co 15-6827				P.M Bridge	No. <u>550</u>	C0513	<u>.</u>			
F1000	plain Descript	10n:		Sant	a Ana R	River Floo	odplai	n			
							•				
sound	scription of Pr walls, etc. and	l design e	lement	s to min	imize fl	loodplain	impa	cts)	r		
	of Santa Ana per to accomme										
2. ADT: Current <u>38,544 (2017)</u>						Projected					
WSE <sub>1</sub> Q= Overto	draulic Data:  00= n/a n/a CFS opping flood OFIP maps and the highway lo YES X	The flo	ood of r WSE= _CFS _vailabl ernative	record, i = e? e within	f greate  WSE= YES_ a regul	r than Qi				_	
within	ach map with the base flootial Q100 backy	dplain.		ined sho	owing al	ll buildin	gs or o	other im	provem	ents	
A. B. C. D.	Residences? Other Bldgs Crops? Natural and FLO	?	1	X X			YES_	X	-		
6. Typ	e of Traffic:										
<ul><li>A. Emergency supply or evacuation route?</li><li>B. Emergency vehicle access?</li><li>C. Practicable detour available?</li><li>D. School bus or mail route?</li></ul>					NO NO NO	,	YES_ YES_ YES_ YES_	X X X X	- - -		
7. Esti	imated duratio	on of traff	ic inter	ruption	for 100-	-year eve	nt hou	ırs:	0	_	
8. Esti	imated value o	of Q100 flo	od dan	nages (it	f any) –	moderate	e risk	level.			

A. B	Roadway Property Total	\$ \$ \$	0 0	- -				
9.	Assessment of	Level		Low Modera High	ate			
	gh Risk project e necessary to c		-	-		onal D	esign Study Risk	Analysis
	ure – Dist. Hyd numbers 3,4,5,7		Engineer				Date	
incomp			roachme				chment, or any s	
•	provide evalua 3 CFR 650.113	tion an	d discuss	sion of 1	practic	ability	of alternatives in	accordance
	ation develope alic Study shall						ement for the Loc	eation
_	ure –Project En numbers 1,2,6,8	_					Date	

<sup>\*</sup> Same as Figure 804.7A Technical Information for Location Hydraulic Study located in Chapter 804 of the Highway Design Manual