Department of Transportation and Public Works Puerto Rico Highway and Transportation Authority Infrastructure Directorate DESIGN AREA

Project Code:	AC-
FHWA Code:	
Date:	
Submitted by:	
Initials:	

			IIIIIais.		
С	ERTIFICATION OF STRUCTUR RECOMMENDATIONS				
	BRIDGE	INFORMATIO	N		
Highway No.:	KM.		Bridge No.:		_
Over:			Structure Sta.:		
Municipality:			Design Type:		
PROJECT DESC	CRIPTIÓN:				
	CRIPTION FOR SCOUR CRITICAL Type "X" for one applicable code.)	. BRIDGE	ITEM 113		
N Bridge not	over waterway.				
	h "unknown" foundation that has no				
Bridge ove T monitored	d, flag for monitoring during flood er er "tidal" waters that has not been e with regular inspection cycle and w n in "tidal" waters should be coded t	valuated for so	our, but consider	ed low risk. Bridge will be	_
9 Bridge fou	indations (including piles) on dry lar	nd well above fl	ood water elevat	ions.	
	indations determined to be stable for op of footing.	or assessed or o	calculated scour	conditions: calculated scour	
7 Countermolionger sco	easures have been installed to corr	ect a previously	y existing probler	n with scour. Bridge is no	
Scour cald	culation/evaluation has not been maudated for scour potential.)	de. (Use only	to describe case	where bridge has not yet	
	indations determined to be stable for	or calculated sc	our conditions; s	cour within limits of footing	
A Bridge four	indations determined to be stable for				S

Department of Transportation and Public Works Puerto Rico Highway and Transportation Authority Infrastructure Directorate DESIGN AREA

Project Code:	AC-
FHWA Code:	
Date:	
Submitted by:	
Initials:	

CERTIFICATION OF STRUCTURAL, GEOTECHNICAL AND SCOURING RECOMMENDATIONS FOR BRIDGE FOUNDATIONS

	Bridge is scour critical; bridge foundations determined to be unstable for calculated scour conditions:
3	- Scour within limits of footing or piles.
	- Scour below spread-footing base or pile tips

- Bridge is scour critical; field review indicates that extensive scour has occurred at bridge foundations. Immediate action is required to provide scour countermeasures.
- 1 Bridge is scour critical; field review indicates that failure of piers/abutments is immitent. Bridge is closed to traffic.
- **0** Bridge is scour critical. Bridge has failed and is closed to traffic.

We certify that these recommendations are in accordance with the conclusions of our multidisciplinary team and it represents a feasible and functional alternative for the project.

SPECIALISTS	SIGNATURE	LICENSE NO. (Expiration Date)	DATE
Structural Engineer			
Geotechnical Engineer			
Hydraulic Engineer			

CONSULTANT SECTION

CONCOLITATI DECITION			
	Consultant Information	Signature	Date
Name:			
Employed by:			
Address:			
Telephone:			
Fax:			
E-mail:			