WVDOH ANCILLARY STRUCTURE ANCHOR BOLT TIGHTENING RECORD

District:				State Project Number:						
Contract ID number:				Federal Project Number:						
Plan Assembly Number:										
Structure L	Jtility:	Signing	Signal	Lighting	ITS					
Structure T	ype:(Cantilever	(Sign) Bu	tterfly	(ITS) Butterfl	ySpan	Strain Po	ble		
		_Mast Arm	High Ma	ast Tower	Conventio	onal Light Po	ole			
			ches	Tv:foot-lbs =PSI						
				1.10Tv:foot-lbs =PSI						
Wrench Serial Number:				Gauge Serial Number:						
					l base plates					
with base p	olate numbe	ers and loca	tion/positio	on of struc	ture in relatio	on to a refe	rence featu	re)		
			-					-		
Basa Plata	1 Diagram (Plan view o	f haso nlate	with anch	nor bolt locat	ions Numb	er anchor			
			•		ned. Label di					
				-		lagi ann to n	luicate			
orientation of base plate in relation to a reference feature)										
Full Tightne	ess Gauge P	ressure and	l Torque Va	lues (Press	sure recordin	g not neces	sary if read	out		
of gauge is	in torque)									
	1	2	3	4	5	6	7	8		
PSI										
foot-lbs										
Mark Each Box to Indicate Application of Tv did not Result in Further Turning of Nut										
	1	2 2	3	4	5	6	7	8		
		2	5			0	,	0		
	Devite 1		tion of a ac		Deault		a of Nic I			
IVIARK Each					Result in Fu		-	2		
	1	2	3	4	5	6	7	8		

Base Plate 2 Diagram								
				1				
Full Lighthe	ess Gauge P 1	ressure and 2	i Torque Va 3	iues 4	5	6	7	8
PSI		2	5	4	5	0	/	0
foot-lbs								
Mark Each	Box to India	cate Applica	tion of Tv d	lid not Resu	lt in Furthe	r Turning of	Nut	
	1	2	3	4	5	6	7	8
Mark Each	Box to India	cate Applica	tion of 1.10)Tv did not	Result in Fu	rther Turniı	ng of Nut	
	1	2	3	4	5	6	7	8
Daca Diata	2 Diagram							
Base Plate	5 Diagraffi							
Full Tightne		ressure and						
	1	2	3	4	5	6	7	8
PSI foot lbs								
foot-lbs Image: Constraint of the second								
Mark Each	Box to India	cate Applica 2	ition of TV c	lid not Resu 4	5	r Turning of 6	Nut 7	8
		۷.	5	+	5	0	/	0
Mark Each Box to Indicate Application of 1.10Tv did not Result in Further Turning of Nut								
	1		3	4	5	6	7	8
			-		_	_		_

Base Plate	4 Diagram							
Full Tightne	ess Gauge P	Pressure and	d Torque Va	lues				
	1	2	3	4	5	6	7	8
PSI								
foot-lbs								
Mark Each Box to Indicate Application of Tv did not Result in Further Turning of Nut								
	1	2	3	4	5	6	7	8
Mark Each Box to Indicate Application of 1.10Tv did not Result in Further Turning of Nut								
	1	2	3	4	5	6	7	8
		•	•					

Date of Tightening	Date of Application of 1.10Tv			
Installation Contractor	Bolt Tightening WVDOH Rep. (Print)			
Contractor Rep. (Print)	Application of 1.10Tv WVDOH Rep. (Print)			
Contractor Rep. (Signature)	WVDOH Project Engineer (Print)			