RADIO TOWER TEST PLANS

1. DEVICE NAMING COORDINATION

- 1.1. The System Integrator shall coordinate with the TMC/ROC to identify the device names for each device.
- 1.2. The System Integrator shall then send a request to TOTS to identify the network name, IP address, and any pertinent configuration information.

2. EXPLANATION – STANDALONE (SALT) TESTING

- 2.1. The System Integrator shall work with the DEVICE VENDOR (if required by the testing form) and complete the NDOT specified SALT tests (non-network) on each unit of equipment after installation.
- 2.2. Conduct SALT testing on each unit of equipment as outlined on the NDOT provided testing form.
- 2.3. The System Integrator shall coordinate through the Resident Engineer and the Construction Crew to have an appropriate NDOT representative present for the onsite inspection.
- 2.4. The System Integrator shall submit the DEVICE vendor commissioning documents with the SALT testing to the Engineer for review and approval.
- 2.5. Supply a bucket truck and operator, or suitable equivalent equipment necessary to carry out procedures as required by the testing documents, at no direct payment.

RADIO TOWER SALT PROCEDURE

rest # SALT TEST PROCEDURE		CEDURE	EXPECTED RESULT		PASS / FAIL	
Radio Tower Name: TOTS Network Name:		IP Address:	:	GPS:		
		Associated	Cabinet Name:			
Purpose a	nd General Verification					
ntegrator the integra General V appropria	tegrator: This SALT tests the p will use necessary equipment ator will be able to verify the R Verification: For each test belo te cell. Only indicate a "Pass"	to perform this test. Using t Padio Tower is fully furnishe ow, complete the Radio Tow	he manufacture's guid ed and operable. ver SALT Matrix, circl	delines and oth ling the "Pass'	er reference material, ' or "Fail" in the	
	ver being tested. ver Information					
1.	Verify proper documentation from the regulating authorities for the proposed site has been received.		Proper documentation has been delivered to appropriate NDOT personnel.			
	For example:					
	 US Forest Service of Management Planning commission jurisdiction) Stamped structural and foundation) 	on (local			Pass / Fail	
Structure	Verification	I				
2.	Verify Radio Tower meets internal and external dimensions and features.		o Tower meets specific nal dimensions and fea fied on the plans.	Pass / Fail		
3.	Verify all labeling is accurate and conforms to the current NDOT Std. Plan.		abeling conforms to th DT Std. Plan.	Pass / Fail		
4.	Using a meter, verify the building is properly bonded to earth ground.		r reading of 5 Ohms o	Pass / Fail		
5.	Verify building is bonded to external ground system.		ling is bonded to exter m.	Pass / Fail		
6.	Verify all exothermic weld bonds are properly welded.		hermic weld bonds are er adhesion.	Pass / Fail		
7.	Verify the installation of bolts in the required and expected locations.		are installed in the pr	Pass / Fail		
8.	Verify all bolts are torqued to manufacturer's recommendations.		olts are torqued to ma	Pass / Fail		

TEST #	SALT 1	SALT TEST PROCEDURE		EXPECTED RESULT			PASS / FAIL	
9.	equipment which a safety climb cal	Verify the installation of safety climb equipment which includes but is not limited to a safety climb cable, safety climb cage, and safety climb ladder.		The safety climb equipment, as specified in the plans, is installed and is functionally safe for use.			Pass / Fail	
10.	Verify the additional ordered items specified in the plans are mounted correctly.		The additional ordered items are mounted correctly.			Pass / Fail		
11.		Verify the additional ordered items specified in the plans are functional.		The additional ordered items are functional.			Pass / Fail	
Signatur	es							
DATE	AGENCY/FIRM	/FIRM PERFORMED BY (Print Name) (Integrator)		AGENCY/FIRM	WITNESSED BY (Print Name) (NDOT)		INTL	
Integrat	or Signature		-		I		•	
NDOT H	RE Signature							
NDOT 7	TOTS Signature							

3. EXPLANATION - SUBSYSTEM (SST) TESTING

3.1. ***DOES NOT APPLY TO THIS SYSTEM AS IT DOES NOT CONNECT INTO THE NETWORK OR BACK TO THE TMC/ROC***