



ITS Quality Checklist Antenna Installation



ITSFM025
Rev. 11/16

Date:		Contract ID:	Financial Project ID:	Quality Inspector:
Plan Sheet		MP	Sta.	Site Identification Name
CONFORMED	NCR*	N/A	INSPECTION REQUIRED	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Review approved antenna size and type in the plans and specifications and carry copy to the field.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Review approved drill shaft work submittal and carry to field.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Review approved traffic maintenance and protection plan and carry copy to the field.	
			Verify the approved antenna is actually installed. Check against approved plans and specifications.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify the antenna height; elevation and azimuth are adjusted as specified.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify antenna alignment allows proper operation of the wireless link as specified.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify all connectors are the size and type specified and installed properly.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify the antenna transmission line is secured to the mounting structure at regular intervals as specified.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify the antenna transmission line minimum bending radius is as specified and not violated.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If transmission line jumpers are utilized, verify the maximum jumper length specified is not exceeded.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If transmission line jumpers are utilized, verify the connections to the main transmission line are sealed.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify the antenna transmission line is sealed as it attaches to the antenna, equipment cabinet or enclosure containing the radio as specified.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify the antenna transmission line is properly connected to the radio as specified.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify all installation waste has been removed and discarded properly and the site is restored to its original condition as specified.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Document all changes from the approved plans and specification to the as-built drawings.	
*Complete and Attach a Nonconformance Report for all Nonconforming items noted.				
QUALITY INSPECTOR		DATE		DOC CONTROL NO.