



**ITS Quality Checklist
RDS Unit Installation**



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 radar detection system (RDS) in the plans and specifications and carry copy to the field.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Review approved RDS aerial 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.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitor traffic control setups and recommend adjustment if necessary.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitor selection and placement of aerial work equipment.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify the approved RDS is actually installed. Check against approved plans and specifications.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitor RDS installation on RDS pole by approved mounting procedure and manufacturers specifications.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check RDS unit at proper elevation and inclination above roadway and measure as applicable.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitor RDS assembly and cable terminations and ensure cleanliness and effective terminations.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify multi-conductor communication cable is properly trained and protected from chafing and not damaged during installation.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify cables are properly routed through designated raceways undamaged.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitor installation of fused or un-fused quick disconnect on AC power conductors in breakaway base if RDS if so powered.	
<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.