



**ITS Quality Checklist  
Fiber Optic Cable Installation**



Date:		Contract ID:		Financial Project ID:		Quality Inspector:		
Beg/End Sheet(s)			Beg/End MP			Beg/End Sta.		
<b>CONFORMED</b>	<b>NCR*</b>	<b>N/A</b>	<b>INSPECTION REQUIRED</b>					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Review approved fiber optic cable in the plans and specifications and carry copy to the 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"/>	Verify reel number of cable being placed has been documented.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify the approved Cable Placing Plan is followed.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify the cable is installed in the proper designated duct.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify the cable is not subjected to rough treatment or sharp bending that could cause crushing or kinking.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify equipment and rigging will ensure that the cable is not bent to less than the minimum bending radius.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify all placing equipment is calibrated prior to placing cable.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify all personnel involved in cable placing activities have working radio communications.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify, for cable being pulled, that pulling winches have (1) Maximum pulling force of _____ pounds, (2) Minimum capstan radius of _____ inches and meet cable manufacturer's specifications.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify that all winches are equipped with running line dynamometers, and that the pulling line is equipped with a break-away swivel connector calibrated to 600 pounds tension or per the cable manufacturer's recommendation.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify, if pulling becomes too difficult, or air driven stops, exposed conduit is properly repaired and the excavation backfilled as required.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify at least _____ feet of cable is coiled in splice vaults and _____ of cable is coiled in pullboxes.					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Document all changes from the approved plans and specification to the as-built drawings.					
<b>*Complete and Attach a Nonconformance Report for all Nonconforming items noted.</b>								
<b>QUALITY INSPECTOR</b>			<b>DATE</b>			<b>DOC CONTROL NO.</b>		