

ITS CABINET INSPECTION CHECKLIST



PROJECT INFORMATION	
Project Name: _____	Inspector: _____
Project Number: _____	Organization: _____
PIN: _____	Phone: _____
Location: _____	Inspection Date: _____
R.E. _____	Final Completion Date: _____

ITS Cabinet installed at Station/Offset/Elevation on plans

	Pass	Fail	N/A
• Cabinet type			
○ Pole Mount	☐	☐	☐
○ Pedestal Mount	☐	☐	☐
• Cabinet foundation or pole base			
○ Station _____	☐	☐	☐
○ Offset _____	☐	☐	☐
○ Elevation _____	☐	☐	☐
• Clear zone requirements met or cabinet behind barrier or guardrail	☐	☐	☐
○ Clear Zone Measurement (ft.) _____			
• Boom truck maintenance access per plan _____	☐	☐	☐
• Working space and cabinet access as specified in plans	☐	☐	☐
○ Working space (ft.) _____			

ITS Cabinet - Pole Mount

• Mounting height - center of cabinet 4 feet above finish grade	☐	☐	☐
• Orientation of cabinet installed per plan, including relative to pole handhole	☐	☐	☐
• Concrete pad at base of pole as specified in plans	☐	☐	☐

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- Stainless steel bands, fasteners, and attachment hardware used ☐ ☐ ☐
- Pole damage around drill hole touched up with zinc-based solder ☐ ☐ ☐

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|--|--------------------------|--------------------------|--------------------------|
| • Supplemental disconnect installed per plan and STD DWG AT 9
(within 15 feet of cabinet) | ☐ | ☐ | ☐ |
| ○ Corrosion protection applied to portion of strut below grade | ☐ | ☐ | ☐ |
| ○ Cut ends of framing strut touched up | ☐ | ☐ | ☐ |
| ○ Galvanized hardware used for attachment | ☐ | ☐ | ☐ |
| ○ Type I junction box located a minimum of 6 feet and a maximum of 10 feet from frame | ☐ | ☐ | ☐ |
| • Flexible conduit | | | |
| ○ Enters bottom of cabinet | ☐ | ☐ | ☐ |
| ○ Enters pole directly below cabinet | ☐ | ☐ | ☐ |
| ▪ Minimum 12 inches below _____ | ☐ | ☐ | ☐ |
| ○ Bend radius minimum 12 inches | ☐ | ☐ | ☐ |
| ○ Length of conduit appropriate -- no excess | ☐ | ☐ | ☐ |
| ▪ Slight drip loop formed | ☐ | ☐ | ☐ |
| ○ Compression fitting used at each end and tightened | ☐ | ☐ | ☐ |

ITS Cabinet -- Pedestal Mount

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| • Foundation, boxes, and concrete pad installed per plan and STD DWG AT 8 | ☐ | ☐ | ☐ |
| • Foundation size matches STD DWG AT 8 | ☐ | ☐ | ☐ |
| • Foundation and cabinet orientated per plan (including direction of door opening) | ☐ | ☐ | ☐ |
| • Wedge expansion type or cast-in-place anchor bolts used for cabinet | ☐ | ☐ | ☐ |

ITS CABINET INSPECTION CHECKLIST



attachment to foundation

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| • Number and configuration of conduits into base installed per plan and STD DWG AT 8 | ☐ | ☐ | ☐ |
| • Supplemental disconnect installed per plan and STD DWG AT 9 (within 15 feet of cabinet) | ☐ | ☐ | ☐ |
| ○ Corrosion protection applied to portion of strut below grade | ☐ | ☐ | ☐ |
| ○ Cut ends of framing strut touched up | ☐ | ☐ | ☐ |
| ○ Galvanized hardware used for attachment | ☐ | ☐ | ☐ |
| ○ Type I junction box located a minimum of 6 feet and a maximum of 10 feet from frame | ☐ | ☐ | ☐ |
| • Stainless steel, galvanized, or zinc plated cabinet anchor hardware used | ☐ | ☐ | ☐ |
| • Anchor nuts free running over total thread length | ☐ | ☐ | ☐ |
| • Lock washers or other method installed to prevent nuts backing off | ☐ | ☐ | ☐ |
| • Fender washer covers entire anchor bolt slot | ☐ | ☐ | ☐ |
| • Conduit bushings installed | ☐ | ☐ | ☐ |
| • Conduit caps installed until use | ☐ | ☐ | ☐ |
| • Conduits with cable installed properly sealed | ☐ | ☐ | ☐ |
| • Conduits extend into cabinet 2 inches | ☐ | ☐ | ☐ |
| • All conduit installed within a 12-inch by 18-inch rectangle in center of cabinet base | ☐ | ☐ | ☐ |
| • One inch minimum spacing between conduits in cabinet base | ☐ | ☐ | ☐ |

ITS CABINET INSPECTION CHECKLIST



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|---|--------------------------|--------------------------|--------------------------|
| • Door(s) opens smoothly | ☐ | ☐ | ☐ |
| • Cabinet base sealed with caulk | ☐ | ☐ | ☐ |
| • Cabinet ground bus bonded to ground rod in junction box | ☐ | ☐ | ☐ |
| • Spade connectors used for all terminal connections | ☐ | ☐ | ☐ |
| • All terminals, connection, and wires identified and labeled | ☐ | ☐ | ☐ |