

RWIS INSPECTION CHECKLIST



PROJECT INFORMATION

Project Name: _____

Project Number: _____

PIN: _____

Location: _____

R.E. _____

Inspector: _____

Organization: _____

Phone: _____

Inspection Date: _____

Final Completion Date: _____

Tower foundation/lower section

Pass Fail N/A

- Tower foundation/lower section installed at Station/Offset/Elevation on plans

○ Station _____

☐ ☐ ☐

○ Offset _____

☐ ☐ ☐

○ Elevation _____

☐ ☐ ☐

- Clear zone requirements met or foundation behind barrier or guardrail

☐ ☐ ☐

○ Clear Zone Measurement (ft.) _____

- Boom truck maintenance access per plan _____

☐ ☐ ☐

Site

Pass Fail N/A

- Site oriented per plan and Standard Drawings AT 15, AT 16, AT 17

○ Pad dimensions match plans

☐ ☐ ☐

○ Solar panel oriented per plans

☐ ☐ ☐

○ Distance between solar panel and tower lower section matches Plans

☐ ☐ ☐

○ Tower foundation plumb and level

☐ ☐ ☐

○ Conduit with site contains pull tape

☐ ☐ ☐

○ Concrete encased electrode installed in foundation

☐ ☐ ☐

○ Solar panel pipe support filled with concrete

☐ ☐ ☐

RWIS INSPECTION CHECKLIST



- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| ○ State furnished enclosures installed on tower and solar pipe | ☐ | ☐ | ☐ |
| ○ Tower ground cable/ground rods installed per STD DWG AT 17 | ☐ | ☐ | ☐ |
| ▪ Ground wire bare #4 solid copper | ☐ | ☐ | ☐ |
| ○ Pavement sensor pole installed per plan (if applicable) | ☐ | ☐ | ☐ |
| ▪ Inspect conduit inside pole. | ☐ | ☐ | ☐ |
| ▪ Pole base installed in accordance with STD DWG SL 5B/5C | ☐ | ☐ | ☐ |
| • Anchor bolts torqued as specified | | | |
| ▪ Distance between the ground and the pole base | ☐ | ☐ | ☐ |
| "keeper plate" is per SL5B and SL5C. | | | |
| ▪ Pole is grounded to grounding rod in the corresponding junction box. | ☐ | ☐ | ☐ |
| ▪ Boxes include grout base, drainage hole, and grounding rod | ☐ | ☐ | ☐ |
| ▪ Box lids include ITS label | ☐ | ☐ | ☐ |