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| --- | --- | --- |
|  | FDOT Traffic Engineering Research Laboratory (TERL)  Highlighted Sign Compliance Matrix | By signing this form, the applicant declares that he/she has read and understands the provisions of Section 995 of the FDOT *Standard Specifications for Road and Bridge Construction* and all implemented modifications. The requirements listed on this matrix are derived from Section 995 and are the basis for determining a product’s compliance and its acceptability for use on Florida’s roads. |

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| --- | --- | --- | --- |
| Date: | Click here to enter a date. | Applicant’s  Name (print): |  |
| Manufacturer: |  |  |  |
| Item, Model No.: |  | Signature: |  |

| **ID No** | **Section** | **Requirement** | **Item Comply? (Yes/No/NA)** | **Comments (Applicant must provide information as indicated)** | **TERL Evaluation Method** |
| --- | --- | --- | --- | --- | --- |
| 1 | 995-1.1 | Sign is permanently marked with the name or trademark of the manufacturer, the part number, and the date of manufacture. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 2 | 995-15.1 | Highlighted sign meets the design and functional requirements of Section 2A of the MUTCD. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review, Physical Inspection and Functional Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 3 |  | Highlighted sign uses LEDs to highlight the sign’s shape, color, or message. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 4 |  | Stop, Do Not Enter, Yield, and Wrong Way signs use red LEDs. All other signs use LEDs which resemble the color of the sign background color. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 5 | 995-15.2 | Highlighted sign is capable of automatically dimming to reduce brightness of the LEDs at nighttime. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Functional Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 6 |  | Highlighted signs that rely upon solar power or batteries are capable of at least 10 days of continuous operation without the need for charging. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Functional Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 7 | 995-15.3 | If the highlighted sign assembly includes a cabinet, the cabinet is currently listed on the FDOT APL or meets the applicable cabinet material requirements of Section 676. |  | *Provide product literature, specifications, user manual,or similar information that shows the product meets this requirement. Alternately, provide the Approved Product List (APL) number if the cabinet is APL listed.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 8 | 995-15.4 | All assembly hardware, including nuts, bolts, external screws and locking washers less than 5/8 inch are Type 304 or Type 316 passivated stainless steel. |  | *Provide statement of conformance from hardware supplier that shows the product meets this requirement.* | Document Review |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 9 |  | All assembly hardware greater than or equal to 5/8 inch is galvanized. |  | *Provide statement of conformance from hardware supplier that shows the product meets this requirement.* | Document Review |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 10 |  | Bolts, studs, and threaded rod meet ASTM A307. |  | *Provide statement of conformance from hardware supplier that shows the product meets this requirement.* | Document Review |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 11 |  | Structural bolts meet ASTM F3125, Grade A325. |  | *Provide statement of conformance from hardware supplier that shows the product meets this requirement.* | Document Review |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 12 | 995-15.5 | Electrical wiring must meet NEC requirements for the light source provided. |  | *Provide a statement of conformance in this field.* | Compliance Matrix Review |
| 13 |  | All electrical wiring is copper. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 14 |  | Internal electrical wiring is tight and secure. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 15 |  | Sign includes an accessible electrical power service entrance compartment (internal or external) for connection of field wiring. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 16 |  | External compartments are weather-tight. |  | *Provide a statement of conformance in this field.* | Compliance Matrix Review |
| 17 |  | Power supplies and ballasts are FCC approved. |  | *Provide a statement of conformance in this field.* | Compliance Matrix Review |
| 18 |  | Electrical connections are protected against corrosion. |  | *Provide a statement of conformance in this field.* | Compliance Matrix Review |
| 19 |  | Sign has provisions for an integrated photocell. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 20 | 995-15.6 | Sign assembly meets the environmental requirements of NEMA TS-4 – 2016, Section 2. |  | *Provide a third party test report that demonstrates the device performs all required functions durind and after being subjected to the environmental testing as described in NEMA TS-4-2016* Sections 2. *The test report must be less than 5 years old and meet the requirements of FDOT Product Certification Handbook, section 7.2.* | Document Review |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 21 | 995-15.7 | Highlighted sign has a manufacturer’s warranty covering defects for 3 years from the date of final acceptance. |  | *Provide a statement of conformance in this field.* | Compliance Matrix Review |

**Document History for:**

**Highlighted Sign Compliance Matrix**

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| --- | --- | --- | --- | --- | --- | --- |
| Rev | Description | Authored and Checked | Reviewed | Approved | Approval Date | Rev More Stringent? |
| 1.0 | CM for new SSRBC Section content moved from A699. Matches content in latest version of SSRBC Section 700 (FA 8-06-13) | R. Meyer | J. Morgan | J. Morgan | 09/27/2013 | No |
| 2.0 | Replaced FDOT logo with latest approved one and added CM ID # to header. Revised document approver title. | D. Bremer  K. Moser | J. Morgan | J. Morgan | 10/30/2014 | No |
| 3.0 | Updated to match FA 7-27-15. | R. Meyer | J. Morgan | J. Morgan | 09/24/2015 | No |
| 4.0 | Updated to match FA-12/10/19 | W. Geitz | M. DeWitt | D. Vollmer | 12/13/2019 | No |
| 5.0 | Minor revision to reflect FA 8-6-20 with no changes to this CM. | W. Geitz | M. DeWitt  C. Raimer | D. Vollmer | 12/28/2020 | No |
| 6.0 | Update FA Date to 2-12-21. No changes to the CM. | W. Geitz | C. Raimer | D. Vollmer | 06/24/2021 | No |
| 7.0 | Added warranty information. Updated to latest FA date of 8-5-21. | A. Burleson | W. Geitz | M. DeWitt | 02/01/2022 | No |
| 8.0 | Moved requirements to specification 995-15 (FA date of 10-24-22). | W. Geitz | M. DeWitt  R. Washington | D. Vollmer | 01/24/2023 | No |
| 9.0 | Updated to latest FA date of 10-6-23 for spec 995. | W. Geitz | R. Washington | D. Vollmer | 12/1/2023 | No |
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