

ALABAMA DEPARTMENT OF TRANSPORTATION
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST V-3

TEMPORARY TRAFFIC MARKING MATERIALS

1. **Material:** Temporary traffic marking tape, paint and pavement markers
 2. **Specification:** Sections 701 and 705
 3. **Jurisdiction:** Product Evaluation Board, Product Evaluation Engineer
 4. **Job Acceptance Requirements:** No Job Control samples required if material works satisfactorily.
 5. **Project Engineer's Responsibility:** Check and assure that the materials are on the approved list.
 6. **Producer's Initial Requirements:** Companies wishing to have products evaluated for placement on this list should furnish the Department's Product Evaluation Engineer with the following:
 - 6.1 Name and address of the company producing the product
 - 6.2 Pavement markers and tapes must be tested at the AASHTO Product Evaluation & Audit Solutions (formerly National Transportation Product Evaluation Program (NTPEP)) and these results must be furnished to the Department. Other products must undergo a Department field test to prove their performance.
 - 6.3 Sufficient labor and materials must be provided for field testing of materials that have not been tested by the AASHTO Product Evaluation & Audit Solutions Regional Test Facility.
 - 6.4 A standard material safety data sheet for the product.
 - 6.5 Submittal and testing fees according to Department procedure ALDOT-355. Field test fees do not apply to items tested by the AASHTO Product Evaluation & Audit Solutions Regional Test Facility.
 7. **Producer's Maintenance Requirements:** Companies with products on this list will be expected to comply with the following to stay on the list:
 - 7.1 Produce the same quality of material as the material supplied for the original evaluation.
 - 7.2 Provide only approved products to Department projects.
 - 7.3 Promptly report to the Department any changes in company name, product name, company address or company ownership.
 - 7.4 Notify the Department of any changes in production of the product. Any alteration that will change the product chemically or physically will require a reevaluation of the product.
 8. **Laboratory Testing:** The Department may make selected verification test of the product to ensure compliance with the Department's Specifications.
 9. **Field Testing and Evaluation:** The Department will use data from the Product Evaluation & Audit Solutions to evaluate marking materials as follows:
 - 9.1 Removable tapes: Acceptance will be based on all materials placed longitudinal to the traffic flow remaining in place during the entire test period on each test deck, and the data from each deck for those lines meeting the following minimums based on the readings at the six month of the test):
 - 9.1.1 Reflectivity values for the center of the lane: Must be 100 minimum at the end of the six-month test period.
 - 9.1.2 Removability ratings:
 - Internal Tape Strength: Maximum rating of 3 at the 6th month test period.
 - Adhesive Bond: Maximum rating of 3 at the 6th month test period.
 - Discernability: Longitudinal lines maximum rating of 3 at the end of the six-month test period.
 - 9.2 Stay In Place Tapes: Acceptance will be based of a minimum reflectance value at the end of six months of 100 (using the average centerline values for each deck).
 - 9.3 Temporary Pavement Markers: Acceptance will be based on the temporary marker 's ability to perform better than the reference marker tested at the same time.
 10. **Contractors' Requirements:** The prime contractor will be responsible for purchasing and using only approved products.
 11. **Removal of Products:** Products may be removed from this list for any of the following:
 - 11.1 Mislabeling products or substitution of products other than those originally submitted.
 - 11.2 Failure to meet the Department's requirements for this type of material.
 - 11.3 Failure to work satisfactorily on the job.
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- 11.4 A change that will affect the manufacturer's BABA status requirement(s) will result in either (1) the product being removed from the approval list or (2) will remain on the approval list and will be labeled as non-compliant and can be used on non-federal funded projects.
12. **Correspondence:** All correspondence concerning this list should be directed to the following:
Product Evaluation Board
Alabama Department of Transportation
3704 Fairground Road
Montgomery, AL 36110