

# **SPECIFICATIONS – SHOCK TRACK ELECTRIC BIRD ABATEMENT SYSTEM**

## **PART 1 – GENERAL**

### **1.1 SUMMARY**

A. Description of work: Work for this section includes, but is not limited to the following:

1. Electrified wire bird deterrent system.
2. Control devices and associated wiring and connections for the work of this section.

### **1.2 QUALITY ASSURANCE**

- A. Single Source Responsibility: Furnish products from one manufacturer for the entire project.
- B. Obtain all technical information from the manufacturer.
- C. Utilize labor or Bird-B-Gone Authorized Installers who are Certified in Bird-B-one product installations. Proof of certification required.
- D. Installer shall visit the site to gather all information of existing site conditions.

### **1.3 SUBMITTALS**

- A. Submit all descriptive information for the manufacturer including catalogs, installation instructions and other descriptive material.
- B. Provide Warranty on material and installation.
- C. Provide samples of each type of hardware, including proposed fastening methods.
- D. Provide statement by official indicating that they are a Certified Installation Company.

### **1.4 SYSTEM REQUIREMENTS**

- A. Electrical Requirements:
  1. Provide wiring in accordance with applicable local codes and National Electric Code Standard.
  2. Test wiring system for insulation to ground.

### **1.5 PRODUCT HANDLING**

- A. Protect Bird-B-Gone products from damage before, during and after the installation.

### **1.6 PROJECT CONDITIONS**

- A. Coordination: Furnish samples of system so installation can be coordinated with existing conditions and within on-site tolerances.

## **1.7 WARRANTY**

- A. Product shall carry a minimum 5-year guarantee against U.V. breakdown.

## **PART 2 – PRODUCTS**

### **2.1 ACCEPTABLE MANUFACTURER**

- A. Manufacturer:

**Bird-B-Gone, Inc.**

Shock Track – Electric Bird Abatement System

23918 Skyline

Mission Viejo, CA 92692

Tel: 800-392-6915 or 949-472-3122

Fax: 949-472-3116

P.O.C.: Bruce Donoho

### **2.2 PRODUCT DESCRIPTION**

- A. Model Designation:

1. Shock Track – Electric Bird Abatement System
  - a. Height: 1/2”
  - b. Spacing: Staggered - To prevent water from damming.
  - c. Base Strip: Flexible - Can bend 360° in any direction.
  - d. Length: 100 ft. rolls.
  - e. Packaging: 100 ft. rolls with all installation hardware needed.
  - f. Color: Available in Gray, Stone, Black, Clear, or Terracotta.
    - i. As designated by the product specifications.
  - g. Number of rows as determined by the manufacturer and based on project conditions.
  - h. Mounting Systems: As determined by the manufacturer and based on project conditions.

### **2.3 MATERIALS**

- A. Shock Track System Kit Components:
  1. Flexible PVC base with stainless steel wires heat staked into plastic.
    - a. 100 ft. rolls.
  2. Stainless steel mounting clips.
    - a. 30 per 100 ft. installation.
  3. Warning labels.
    - a. 10 per 100 ft. installation.
  4. Power terminal connectors.
    - a. 2 per 100 ft. installation kit.
  5. Insulated lead-in wire.
    - a. 20 ft. per 100 ft. installation kit.
  6. Connectors
    - a. 10 sets per installation kit.
      - i. 10 pieces - Male.
      - ii. 10 pieces - Female.

- B. Shock Track Charger System Options:
  - 1. ST2004-AC750:
    - a. Shock Track Direct Charge:  
Housed in NEMA Type 4 or 3 weatherproof enclosure. **Input Voltage:** 110-120 VAC, 60 Hz, .035 amp, 10W. **Output Voltage:** 800 v (+/-) 20% open circuit voltage, intermittent AC output.
  - 2. ST2004-SCR740
    - a. Shock Track Solar Charger: **Input Voltage:** 4V, .02 amp, .08 W. **Output Voltage:** 7.5KV (+/-) 20% open circuit voltage, intermittent DC.
- C. Construction:
  - 1. Shock Track: Rigid one-piece construction.
  - 2. Installation Hardware: Highest quality stainless steel, plastic and metal components.
- D. Adaptation: Tin snips, etc. can be used to cut / adapt the product to desired section length.

## 2.4 MOUNTING SYSTEMS

- A. Steel, Brick, Stone or Concrete: Attach Shock Track Mounting Brackets and Shock Track using an outdoor construction adhesive that is non-silicone based. Purchase directly from the manufacturer or call for recommended adhesives. If mounting surface warrants, screw or bolt down Shock Track 2004 System in conjunction with using construction adhesive.

## PART 3 – EXECUTION

### 3.1 EXAMINATION

- A. Examine the installation area and note any detrimental or hazardous work conditions. Notify contracting officer or inspector of the detrimental work conditions.
- B. Do not proceed with the installation until conditions are corrected.

### 3.2 SURFACE PREPARATION

- A. Surface should be thoroughly cleaned and free of bird droppings, nesting materials, rust, peeling paint or other debris.
- B. Remove or repair articles that may damage Shock Track Electric Bird Abatement System including overhanging foliage, brush and loose parts on the structure.

### 3.3 INSTALLATION

- A. Install Shock Track Electric Bird Abatement System.
  - 1. Install with appropriate anchors or fasteners for each substrate.
    - a. Glue and Snap-fit the Shock Track down into each mounting clip.
    - b. Glue remaining track (between mounting clips).
    - c. All Shock Track strips should be adhered (glued or secured) to surface area being treated.
  - 2. Space materials in accordance with the manufacturer's recommendations.

- a. Follow angles and contours closely.
- 3. Install warning labels on windows where electrified wire is on outside ledge.
- 4. For installations on roofs, coordinate with placement of ballast.

#### **3.4 INSPECTION**

- A. Upon completion of installation, test operation to demonstrate satisfactory operation and acceptability.
- B. Visually inspect Shock Track – Electric Bird Abatement System for any signs of poor installation, including loose screws, fasteners or un-removed debris.
- C. Immediately correct and repair as necessary.

**END OF SPECIFICATIONS**