

# **SPECIFICATIONS – Bird Jolt Flat Track™ 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 track 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. Country of Origin: Product must be manufactured in the U.S.A.
- C. Obtain all technical information from the manufacturer.
- D. Utilize labor or Bird-B-Gone Authorized Installers who are certified in Bird-B-Gone product installations. Proof of Certification is required.
- E. Installer shall visit the site to gather all information of existing site conditions.

### **1.3 SUBMITTALS**

- A. Product Data: Submit all descriptive information from the manufacturer including catalogs, installation instructions and other descriptive material.
- B. Provide Warranty: Material and installation.
- C. Provide Samples: 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.
- B. If damage occurs to any Bird-B-Gone Products, make all necessary replacements immediately.

## 1.6 PROJECT CONDITIONS

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

## PART 2 – PRODUCTS

### 2.1 ACCEPTABLE MANUFACTURER

- A. Manufacturer:

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

Bird Jolt Flat Track™ Bird Abatement System

2201 N. Grand Ave, #11209

Santa Ana, CA 92711

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

Fax: 949-472-3116

E-mail: nobirds@birdbgone.com

P.O.C.: Chris Fields

### 2.2 PRODUCT DESCRIPTION

- A. Model Designation:

1. Bird Jolt Flat Track™ – Electric Bird Abatement System
  - a. Height: 3/8" at the highest point.
  - b. Width: 1-5/8".
  - c. Features:
    - a. Patented anti-arcing design
    - b. Two (2) strips of corrosion resistant copper, ETP (Electrolytic Tough Pitch) .005" dia., tin-plated per ASTM B-33 Knitted Wire Mesh (continuous knitted wire mesh stocking) .25" high; .032" thick, sewn into the top of the track.
    - c. Two (2) glue troughs running on bottom of strip for easy installation and maximum adhesion.
  - d. Base Strip: Flexible. Can bend 360° on vertical plane.
  - e. Length: 100 ft. rolls.
  - f. Packaging: 100 ft. kits with installation hardware.
  - g. Color: Available in Gray, Stone, Black, or Terracotta.
    - i. As designated by the project specifications.
  - h. Number of rows as determined by the manufacturer and based on project conditions.
  - i. Mounting Systems: As determined by the manufacturer and based on project conditions.
  - j. Lead-in Wire: Use 18-gauge copper lead-in wire.

- B. Product made in the U.S.A.

## 2.3 MATERIALS

- A. Bird Jolt Flat Track™ System Kit Components:
  - 1. Flexible U.V. stabilized PVC base with corrosion resistant copper, ETP (Electrolytic Tough Pitch) .005" dia., tin-plated per ASTM B-33 knitted wire mesh (continuous knitted wire mesh stocking) sewn into base strip.
  - 2. Bilingual Warning labels.
    - a. 10 per 100 ft. installation.
  - 3. Power terminal connectors.
    - a. 2 per 100 ft. installation kit.
  - 4. Snug-Fit Connectors
    - a. 3 per 100 ft. installation kit.
- B. Bird Jolt Flat Track™ Charger System Options:
  - 1. CHG-AC750:
    - a. Bird Jolt Flat Track Direct Charger:  
Housed in NEMA Type 3 or 4 weatherproof enclosures.  
**Input Voltage:** 110-120 VAC.  
**Output Voltage:** 800V (+/-) 20% open circuit voltage, intermittent AC current.
  - 2. CHG-SLR740
    - a. Bird Jolt Flat Track Solar Charger:  
**Input Voltage:** 4.0 VDC.  
**Output Voltage:** 7.0KV (+/-) 20% open circuit voltage, intermittent DC current.
  - 3. CHG-ACBFC
    - a. Bird Jolt Flat Track Super Charger Direct Charter:  
**Input Voltage:** 110-120VAC.  
**Output Voltage:** 4.5KV (+/-) 20% open circuit voltage, intermittent DC output.
- C. Construction:
  - 1. Bird Jolt Flat Track™: Flexible one-piece construction.
  - 2. Installation Hardware: Highest quality stainless steel, plastic and metal components.
- D. Adaptation: Sharp scissors, Exact-O knife, cable cutters, etc. can be used to cut / adapt the product to desired section length.

## 2.4 MOUNTING SYSTEMS

- A. Steel, Brick, Stone or Concrete: Attach Bird Jolt Flat Track and Bird Jolt Flat Track connectors using an outdoor construction adhesive that is non-silicone based. Purchase directly from the manufacturer or call for recommended adhesives.

## **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 Bird Jolt Flat Track™ Electric Bird Abatement System including overhanging foliage, brush and loose parts on the structure.

### **3.3 INSTALLATION**

- A. Install Bird Jolt Flat Track™ Electric Bird Abatement System.
  - 1. **Warning:** Electrical track systems should not be used if contact with flammable liquids, vapors, or fumes is possible. Electric track systems should never be used in and around gas stations.
  - 2. Install with appropriate anchors or fasteners for each substrate.
    - a. Glue track to mounting surface.
    - b. All Flat 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 bilingual warning labels near power source and no more than 10' apart on buildings, and on windows where electrified wire is on outside ledge.

### **3.4 INSPECTION**

- A. Upon completion of installation, test operation to demonstrate satisfactory operation and acceptability.
- B. Visually inspect Bird Jolt Flat Track™ 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**