

**SECTION 14 42 35**  
**CONVERTIBLE WALKWAY**

**PART 1 GENERAL**

1.1 SUMMARY

Section Includes: Automatic Convertible Walkway

1.2 REFERENCES

A. 2010 ADA Standards for Accessible Design

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300
- B. Product Data: Manufacturer's data sheets on the product to be used, including:
  - 1. Preparation instructions and recommendations
  - 2. Storage and handling requirements and recommendations
  - 3. Installation methods
- C. Shop Drawings: Show dimensions and locations of all items including attachments to supporting structure required.

1.4 CLOSEOUT SUBMITTALS

- A. Approvals from authorities having jurisdiction
- B. Operations and Maintenance Manuals

1.5 QUALITY ASSURANCE

- A. Comply with local requirements for public installations.
- B. Installer Qualifications: A company regularly engaged in the business of manufacturing, installing and serving mechanical equipment of the type specified for at least 5 years, and with a history of successful installations acceptable to the Architect.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.7 FIELD CONDITIONS

Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

## 1.8 WARRANTY

Limited 1-year warranty parts only.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: LIFT-U Div. of Hogan Mfg., Inc., 1520 First Street, Escalon, CA 95320. Tel: 209-838-2400 Sales - Tel: 937-836-6900 Fax: 937-836-6901  
Website: [www.lift-u.com](http://www.lift-u.com) E-Mail: [information@hoganmfg.com](mailto:information@hoganmfg.com)
- B. U.S. OWNED AND OPERATED: Manufacturer must be a registered U.S. owned company with its manufacturing operation located in the United States of America – American Owned, American Operated.
- C. Substitutions: Not permitted.

### 2.2 AUTOMATIC CONVERTIBLE WALKWAY

- A. General: Automatic Convertible Walkway shall be provided with an interlock to prevent automatic actuation when the doors are locked.
- B. Convertible Walkway shall provide a control mechanism to soften the end of travel during both raising and lowering cycles.
- C. Convertible Walkway shall be capable of recycling instantaneously to opposite position from any point in the cycle when the control switch is activated.
- D. Convertible Walkway shall have a self-contained electrical control unit, including necessary electronic components for proper operation and switching of power operation. All connecting harnesses shall have interlocking plugs.
- E. Electronic Controls
- F. Door Controls  
Raising and lowering actions of Convertible Walkway shall be actuated by controls and safety devices specified.
- G. Safety Devices
- H. Fabrication  
Construct Convertible Walkway of steel or aluminum structural frame with welded or bolted connections.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Prepare report documenting unacceptable conditions.
- C. Submit report to Contractor.
- D. Do not proceed with work until corrective measures have been completed.

### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using methods recommended by manufacturer for achieving the best result for project conditions.

### 3.3 INSTALLATION

- A. Install in accordance with the following:
  - 1. Manufacturer's instructions
  - 2. Approved Shop Drawings
  - 3. Applicable regulations and codes

### 3.4 FIELD TESTING

Upon completion of installation and as a condition of acceptance, provide necessary equipment and personnel to perform tests required.

### 3.5 CLOSEOUT ACTIVITIES

- A. Secure required approvals.
- B. Provide training of Owners personnel on proper use and operation of Convertible Walkway.

### 3.6 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

### 3.7 MAINTENANCE

- A. Perform maintenance in accordance with manufacturer's recommended procedures
- B. Perform maintenance as needed to assure proper and safe operation and as needed to avoid damage.
- C. Perform the maintenance according to the following schedule:
  - 1. Cycle Testing: Weekly (by Owner's Representative)
  - 2. Routine Maintenance: Every 6 months (by Owner's Maintenance Service Provider or Licensed Service Provider)
  - 3. Periodic Maintenance: Every 5 years (by Owner's Maintenance Service Provider or Licensed Service Provider)
  - 4. Submit maintenance logs to Owner immediately upon completion of each inspection and service call. (by Owner's Maintenance Service Provider or Licensed Service Provider)

**END OF SECTION**