

CHAIN LINK FENCES AND GATES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Posts, rails, and frames: fabricated under Section 0-5 5000.
- B. Wire fabric.
- C. Manual gates with related hardware.
- D. Accessories.

1.02 RELATED REQUIREMENTS

- A. Section 05 5000 - Metal Fabrications: Supports and framing components

1.03 REFERENCE STANDARDS

- A. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products 2017.
- B. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware 2016a.
- C. CLFMI CLF-SFR0111 - Security Fencing Recommendations 2014.

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on fabric, supports, accessories, fittings and hardware.
- C. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, and schedule of components. See CLFMI CLF-SFR0111 for planning and design recommendations.
- D. Samples: Submit two samples of fence fabric, with typical frame and anchorage components , 6 inch by 6 inch in size illustrating construction and colored finish.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Posts, Rails, and Frames: Fabricated under Section 05 5000:
- B. Wire Fabric:

2.02 COMPONENTS

- A. Posts, Rails, and Frames: As detailed and fabricated under Section 05 5000.
- B. Fabric: 2 inch diamond mesh interwoven wire, 6 gage, 0.1920 inch thick, top selvage knuckle end closed, bottom selvage twisted tight.

2.03 MANUAL GATES AND RELATED HARDWARE

- A. Hardware for Single Swinging Gates: 180 degree hinges, 2 for gates up to [] inches high, 3 for taller gates; fork latch with gravity drop and padlock hasp; keeper to hold gate in fully open position.
- B. Hinges: Finished to match fence components.
 - 1. Closing: Manual.
- C. Latches: Finished to match fence components.

2.04 ACCESSORIES

Contract No. BC200017LJ
TriMet Transit Central Police Station
Bid Set, July 19, 2019

Chain Link Fences and Gates
32 3113 - 1

- A. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings; steel.

2.05 FINISHES

- A. Components (Other than Fabric): Galvanized in accordance with ASTM A123/A123M, at 1.7 ounces per square foot.
- B. Components and Fabric: Vinyl coated over coating of 1.8 ounces per square foot galvanizing.
- C. Hardware: Hot-dip galvanized to weight required by ASTM A153/A153M.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install framework, fabric, accessories and gates in accordance with approved shop drawings.
- B. Place fabric on outside of posts and rails.
- C. Attach fabric to end, corner, and gate posts with tension bars and tension bar clips.

END OF SECTION